

FINAL FOCUSED FEASIBILITY STUDY

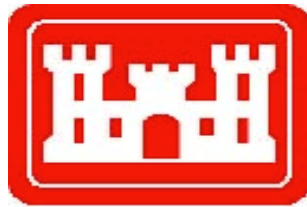
for

Stratford Army Engine Plant Stratford, Connecticut

**Contract No.: W912WJ-15-D-003
Task Order No.: 002**

October 2018

Prepared for:



**New England District
U.S. Army Corps of Engineers
696 Virginia Road
Concord, MA 01742-2751**

Prepared by:

wood.

**Wood Environment & Infrastructure Solutions, Inc.
511 Congress Street
Portland, Maine 04101**

This is to certify that Wood has performed a peer technical review of this deliverable under USACE NAE Contract No. W912WJ-15-D-0005 consistent with Wood's Quality Management Program Procedure-PJM-PRO-002, Technical Review.



United States Army Corps of Engineers, New England District
Stratford Army Engine Plant, Stratford, CT
Final Focused Feasibility Study

QUALITY ASSURANCE STATEMENT

Delivery Order Title: Stratford Army Engine Plant Focused Feasibility Study

Task Order No.: 003

Wood Environment & Infrastructure Solutions, Inc. (Wood) has prepared this Focused Feasibility Study for the Stratford Army Engine Plant located in Stratford, Connecticut. The Program Manager and Project Manager have completed a technical and quality assurance review of this document for technical accuracy and completeness, in accordance with the objectives of the revised Performance Work Statement, dated January 13, 2017 and Wood's (fka Amec Foster Wheeler) Final Proposal, dated March 2, 2017.

Handwritten signature of Tony Delano in black ink.

Tony Delano, P. E.
Associate Engineer

October 26, 2018
Date

Handwritten signature of Rod Pendleton in black ink.

Rod Pendleton, P. G.
Associate Project Manager

October 26, 2018
Date



TABLE OF CONTENTS

1.0 INTRODUCTION	1-1
1.1 Purpose and Organization of Report	1-1
1.2 Background.....	1-2
1.2.1 Site Description	1-3
1.2.2 Site History	1-3
1.2.2.1 AOC 24: Discharge to the Housatonic River at Outfall-007	1-4
1.2.2.2 AOC 52: Facility Outfalls-001 through -006 and the Tidal Flats	1-5
1.2.2.3 AOC 25: Outfall-008 and Drainage Ditch	1-5
1.2.3 Summary of Sediment Investigations	1-7
1.3 Summary of Pathway to Sediment Remediation Goals	1-9
2.0 REMEDIAL ACTION OBJECTIVES AND APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS	1
2.1 Applicable or Relevant and Appropriate Requirements	1
2.2 Preliminary Remediation Goals	3
2.3 Remedial Action Objectives	4
2.4 Areas and Volume of Media (Tidal Flats and Outfall 008 Ditch).....	5
2.4.1 Tidal Flats	5
2.4.2 OF-008 Drainage Ditch.....	6
3.0 IDENTIFICATION AND SCREENING OF TECHNOLOGY TYPES AND PROCESS OPTIONS	1
3.1 General Response Actions	2
3.1.1 Monitored Natural Recovery	2
3.1.2 Containment	3
3.1.3 In Situ Treatment	3
3.2 Technology Identification	4
3.3 Screening of Technologies	4
3.3.1 Removal	4
3.3.1.1 Mechanical Dredging.....	5
3.3.1.2 Debris and Large Material Removal.....	6
3.3.1.3 Hydraulic Dredging.....	6
3.3.1.4 Mechanical Excavation.....	7
3.3.1.5 Amphibious Dredging	7
3.3.1.6 Temporary Dams.....	7
3.3.1.7 Engineering Controls.....	7
3.3.2 Material Transport	8
3.3.2.1 Barge/Scow	8
3.3.2.2 Pneumatic Flow Tube Mixing	9
3.3.2.3 Hydraulic Material Transport	9
3.3.2.4 Truck Transport.....	9
3.3.3 Sediment Dewatering and Processing	10
3.3.3.1 Gravity Dewatering.....	10
3.3.3.2 Mechanical Dewatering	10



3.3.3.2.1	Belt Press	11
3.3.3.2.2	Recessed Chamber Filter Press	11
3.3.3.2.3	Centrifuge	11
3.3.3.2.4	Proprietary Mechanical Dewatering Systems	12
3.3.3.3	Geotubes	12
3.3.3.4	Solidification and Stabilization	12
3.3.3.5	Wastewater Treatment Technologies	13
3.3.4	Disposal/Re-Use	13
3.3.4.1	Confined Disposal Facility	13
3.3.4.2	Confined Aquatic Disposal Cell	14
3.3.4.3	On-Site Beneficial Reuse	14
3.3.4.4	Off-Site Disposal and Beneficial Reuse	16
3.3.5	Habitat Restoration	16
3.3.5.1	Bank Treatments/Bioengineering	16
3.3.5.2	Riparian Vegetation	17
3.3.5.3	Tidal Salt Marsh	17
3.3.5.4	Tidal Mudflats	17
4.0	DEVELOPMENT AND SCREENING OF ALTERNATIVES	1
4.1	Development of Alternatives	2
4.2	Tidal Flats Alternatives	3
4.3	Outfall-008 Drainage Ditch Alternatives	7
4.4	Tidal Flats Alternatives Screening	8
4.5	Outfall 008 Alternatives Screening	9
5.0	DETAILED EVALUATION OF ALTERNATIVES	1
5.1	Description of Remedial Alternatives	3
5.1.1	Alternative 2	4
5.1.1.1	Tidal Flats	4
5.1.1.2	OF-008	14
5.1.2	Alternative 3	18
5.1.2.1	Tidal Flats	18
5.1.2.2	Outfall-008	22
5.1.3	Alternative 4	22
5.1.3.1	Tidal Flats	22
5.1.3.2	Outfall-008	24
5.1.4	Alternative 5	24
5.1.4.1	Tidal Flats	24
5.1.4.2	Outfall-008	26
5.1.5	Alternative 6	26
5.1.5.1	Tidal Flats	26
5.1.5.2	Outfall-008	28
6.0	COMPARATIVE ANALYSIS OF ALTERNATIVES	1
6.1	Evaluation Criteria	1
6.1.1	Threshold Criteria	1
6.1.2	Primary Balancing Criteria	1



6.1.3	Sustainability Criteria	2
6.2	Comparative Analysis of the Remedial Alternatives	2
6.2.1	Overall Protection of Human Health and the Environment	3
6.2.2	Compliance with ARARs	4
6.2.3	Long-term Effectiveness and Permanence	5
6.2.4	Reduction of Toxicity, Mobility, or Volume through Treatment.	6
6.2.5	Short-term Effectiveness	6
6.2.6	Implementability	9
6.2.7	Cost	10
7.0	PREFERRED REMEDY	1
7.1	Preferred Remedy Advantages.....	1
7.2	Criteria-Specific Rankings.....	2
7.2.1	Overall Protection of Human Health and the Environment, Compliance with ARARs, and Long-term Effectiveness.....	2
7.2.2	Reduction of Toxicity, Mobility or Volume through Treatment	3
7.2.3	Short-term Effectiveness	3
7.2.4	Implementability.....	4
7.2.5	Cost	4
8.0	REFERENCES.....	1

FIGURES

Figure ES-1 Remedial Alternative Cost Comparison Chart

- Figure 1-1 Site Map
- Figure 1-2 Area Map
- Figure 1-3 Tidal Flats Existing Conditions Plan
- Figure 1-4 Outfall-008 Drainage Ditch Existing Conditions Plan

- Figure 2-1 ARAR Logic Flowchart
- Figure 2-2 Tidal Flats Proposed Remediation Areas
- Figure 2-3 Tidal Flats – Areas with PCBs from 0 to -1FT Depth
- Figure 2-4 Tidal Flats – Areas with PCBs from -1 to -2FT Depth
- Figure 2-5 Tidal Flats – Areas with PCBs from -2 to -3FT Depth
- Figure 2-6 Tidal Flats – Areas with PCBs from -3 to -4FT Depth
- Figure 2-7 Tidal Flats – Cross-section A-A’
- Figure 2-8 Tidal Flats – Cross-section B-B’
- Figure 2-9 OF-008 Drainage Ditch Proposed Remediation Area
- Figure 2-10 OF-008 Drainage Ditch – Areas with PCBs from -2 to -3 FT Depth
- Figure 2-11 OF-008 Drainage Ditch – Areas with PCBs from -3 to -4 FT Depth
- Figure 2-12 OF-008 Drainage Ditch Cross-section C-C’
- Figure 2-13 OF-008 Drainage Ditch Cross-section D-D’
- Figure 2-14 OF-008 Drainage Ditch Cross-section E-E’



- Figure 2-15 OF-008 Drainage Ditch Cross-section F-F'
- Figure 5-1 Remedial Alternative 2 Site Plan
Figure 5-2 Remedial Alternative 2 Process Flow Diagram
Figure 5-3 Remedial Alternative 3 Site Plan
Figure 5-4 Remedial Alternative 3 Process Flow Diagram
Figure 5-5 Remedial Alternative 4 Site Plan
Figure 5-6 Remedial Alternative 4 Process Flow Diagram
Figure 5-7 Remedial Alternative 5 Site Plan
Figure 5-8 Remedial Alternative 5 Process Flow Diagram
Figure 5-9 Remedial Alternative 6 Site Plan
Figure 5-10 Remedial Alternative 6 Process Flow Diagram
- Figure 6-1 Remedial Alternative Cost Comparison Chart

TABLES

- Table ES-1 Remedial Alternative Summary
- Table 2-1 ARAR Screening
Table 2-2 Tidal Flat Remediation Area and Neat Volume Summary
Table 2-3 OF-008 Drainage Ditch Remediation Area and Neat Volume Summary
- Table 3-1 General Response Action Screening
Table 3-2 Initial Technology Screening
- Table 4-1 Screening of Remedial Action Alternatives
- Table 5-1 Criteria Evaluation
Table 5-2 Key Quantitative Factors for Alternatives Evaluation
- Table 6-1 Comparative Analysis
Table 6-2 Alternative Schedule Comparison
Table 6-3 Alternative Cost Comparison
- Table 7-1 Alternative Ranking

APPENDICES

- Appendix A Sediment Remediation Endpoints Report
A-1 Final Sediment Remediation Endpoints Report – January 2018
A-2 Addendum to Final Sediment Remediation Endpoints Report – June 2018



United States Army Corps of Engineers, New England District
Stratford Army Engine Plant, Stratford, CT
Final Focused Feasibility Study

	A-3	Potential Pre-Design Sediment Investigations
	A-4	Evaluation of 2006 through 2015 LiDAR Elevation Data – Tidal Flats
Appendix B		CT DEEP Natural Diversity Data Base Response
Appendix C		Treatability Testing Evaluation
Appendix D		Tidal Gate Removal Permit
Appendix E		Causeway Static Load Analysis
Appendix F		Grain-Size Test Results
Appendix G		Dredging Alternatives Evaluation
Appendix H		Alternative Cost Estimate Summary



GLOSSARY OF ABBREVIATIONS AND ACRONYMS

Amec Foster Wheeler	Amec Foster Wheeler Environment & Infrastructure
AOC	Area of Concern
AOI	Area of Interest
ASTM	American Society for Testing and Materials
BERA	Baseline Ecological Risk Assessment
bgs	below ground surface
BRAC	Base Realignment and Closure
CENAE	United States Army Corps of Engineers New England District
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
COC	Chain-of-Custody
COPC	Chemical of Potential Concern
CTDEP	Connecticut Department of Environmental Protection (pre-2011)
CT DEEP	Connecticut Department of Energy and Environmental Protection
CT DOT	Connecticut Department of Transportation
CU	Certification Unit
cy	Cubic Yard
ERDC	Engineer Research and Development Center
ERM-Q	Effects Range Median Quotient
FDR	Field Data Record
FOL	Field Operations Leader
FFS	Focused Feasibility Study
FSP	Field Sampling Plan
ft	Feet
HHBRA	Human Health Baseline Risk Assessment
HI	Hazard Index
H ₂ S	Hydrogen Sulfide
ID	Identification
Kgc2	kg/cm ² , kilograms per square centimeter
MNR	Monitored Natural Recovery
MSL	mean sea level
NCP	National Oil and Hazardous Substances Contingency Plan
NPDES	National Pollutant Discharge Elimination System



United States Army Corps of Engineers, New England District
Stratford Army Engine Plant, Stratford, CT
Final Focused Feasibility Study

OATP	Oil Abatement Treatment Plant
PCB	Polychlorinated Biphenyls
ppm	parts per million
Project	Stratford Army Engine Plant Feasibility Study
Psi	pounds per square inch
QC	Quality Control
QAPP	Quality Assurance Project Plan
RCRA	Resource Conservation and Recovery Act
RDT	rapid drainage test
RI	Remedial Investigation
SAEP	Stratford Army Engine Plant
SD	Sediment
SOP	Standard Operating Procedure
SPLP	Synthetic Precipitation Leaching Procedure
SSHP	Site-Specific Safety and Health Plan
TCLP	Toxicity Characteristic Leaching Procedure
TSCA	Toxic Substance Control Act
TSF	tons per square foot
VOC	Volatile Organic Compound
USACE	United States Army Corps of Engineers
U.S. Army	United States Department of the Army
USEPA	United States Environmental Protection Agency
μ	micron
Wood	Wood Environment & Infrastructure Solutions, Inc.
WWTP	waste water treatment plant



1 EXECUTIVE SUMMARY

2 The United States Army Corps of Engineers (USACE), New England District (CENAE) with the
3 assistance of Wood Environment & Infrastructure Solutions, Inc. (Wood) has prepared this
4 Focused Feasibility Study (FFS) report to document the remedial process and identify a preferred
5 alternative for the Tidal Flats and the Outfall 008 drainage ditch for the Stratford Army Engine
6 Plant (SAEP) (the Site), in Stratford, Connecticut (**Figure 1-1**).

7 The United States Department of the Army (U.S. Army) is undertaking this FFS as part of its
8 obligations as lead agency for the Site under the Comprehensive Environmental Response,
9 Compensation, and Liability Act of 1980 (CERCLA) and Executive Order 12580. The Connecticut
10 Department of Energy and Environmental Protection (CT DEEP) is the state support agency.

11 The purpose of the FFS is to develop and evaluate remedial alternatives for the Site in accordance
12 with the requirements of CERCLA and generally follows U.S. Environmental Protection Agency
13 (USEPA) Guidance for Conducting Remedial Investigations and Feasibility Studies Under
14 CERCLA (USEPA, 1988).

15 Background

16 In October 1995, SAEP was placed on the Base Closure and Realignment (BRAC) list, known as
17 BRAC 95. U.S. Army BRAC properties must be investigated to determine the nature and extent
18 of environmental contamination. The Site has undergone various remedial investigations and
19 remedies to date. This FFS focuses on the remedial alternatives for the sediment related to the
20 tidal flats (Area of Concern 52) and the Outfall-008 (OF-008) drainage ditch (Area of Concern 25)
21 portion of the Site. These sediments have been impacted by the following:

- 22 ▶ Metals (arsenic, cadmium, chromium, copper, lead, mercury, nickel, silver, and zinc);
- 23 ▶ Polychlorinated biphenyls; and
- 24 ▶ Polynuclear aromatic hydrocarbons (acenaphthylene, anthracene,
25 benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(ghi)perylene,
26 benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, fluoranthene, fluorene,
27 indeno(1,2,3-cd) pyrene, naphthalene, phenanthrene, and pyrene).

28 The FFS identifies Applicable or Relevant and Appropriate Requirements (ARARs) for the Site,
29 including location-, chemical-, and action-specific state and federal ARARs and “To be
30 Considered” (TBC) non-promulgated criteria, advisories, guidance, and proposed standards
31 issued by Federal and State governments (USEPA 1989). These ARARs were developed by
32 reviewing federal environment laws and regulations and consulting with CT DEEP to determine
33 which state laws and regulations are ARARs for this cleanup action. A critical consideration
34 resulting from these consultations is the allowable work window for dredging. A seven-month
35 dredging window has been assumed for purposes of the FFS based upon closure periods to



36 protect winter flounder and anadromous fish. The ability to expand this window to twelve months
37 will be key to completing the project in a timelier fashion.

38 **Human Health and Ecological Risk Assessments**

39 Human health and ecological risk assessments were performed for the sediment portion of the
40 Site as part of previous remedial investigations (ACSIM, 2004). The Human Health Baseline Risk
41 Assessment (HHBRA) showed risks associated with exposure to sediments in the Tidal Flats for
42 future recreational users do not exceed the CERCLA 1E-04 total cumulative cancer risk threshold,
43 or the CT DEEP cancer risk limit of 1E-05, applicable when evaluating multiple substances. Risks
44 to recreational and commercial fisherman for consumption of finfish, ribbed mussels, and/or
45 oysters taken from the Tidal Flats exceed the CT DEEP cancer risk limit of 1E-05, applicable
46 when evaluating multiple substances, due to PCB Aroclors 1248, 1254, 1260, and/or arsenic.
47 The estimated hazard index (HI) value for future recreational use (wading) at the Outfall 008
48 Drainage ditch does not exceed a value of 1 under the assumption that the total chromium
49 detected in ditch sediments is present as trivalent chromium. The Baseline Ecological Risk
50 Assessment (BERA) results indicate no unacceptable risk to macroinvertebrates, forage fish,
51 black duck, or great blue heron in the Tidal Flats; however, there is a potential risk to sandpipers
52 due to chromium in sediment and mercury (assumed to be methyl mercury) in biota. In the Outfall
53 008 drainage ditch, the BERA indicated a potential risk to macroinvertebrates in sediment due to
54 inorganics and PCB Aroclor 1260, as well as potential risk to sandpipers from chromium to
55 sandpipers, herons, and ducks if they frequently forage at this location (considered unlikely due
56 to poor habitat quality).

57 **Establishing Remedial Goals**

58 Based on the age of the sediment data (1992-1998) associated with the HHBRA and BERA, the
59 CT DEEP requested that, prior to establishment of remedial goals for sediment in the Tidal Flats
60 and Outfall 008 drainage ditch sediments, additional sediment characterization, including toxicity
61 testing, be conducted. Sediment toxicity testing and additional sediment characterization was
62 conducted by the Army in 2014 and 2015. The results of the toxicity testing indicated toxicity to
63 macroinvertebrates from sediment, in contrast to earlier BERA findings, although the toxicity could
64 not be linked to a specific chemical. As an alternative to using toxicity test results alone for
65 development of remediation endpoints, an average Effects Range Median Quotient (ERM-Q) of
66 0.5 for eight metals (arsenic, cadmium, chromium, copper, lead, nickel, silver, and zinc) has been
67 agreed to by CT DEEP to serve as a surrogate for evaluation of toxicity. The pathway to the
68 determination of remedial goals for contaminated sediments in the Tidal Flats and Outfall 008
69 drainage ditch is documented in Appendix A (see **Appendix A-1** – Final Sediment Remediation
70 Endpoints Report and **Appendix A-2** - Addendum to Final Sediment Endpoints Report), resulting
71 in the following preliminary remediation goals (PRGs):

- 72 ▶ Sample locations with an average ERM-Q value greater than or equal to 0.5 for
73 eight metals (arsenic, cadmium, chromium, copper, lead, nickel, silver, and zinc) will
74 be removed; and



75 ▶ PCB and mercury concentrations after remediation will be not substantially different
76 from those found in reference locations (0.2 mg/kg for total PCBs and 0.4 mg/kg for
77 mercury).

78 Based on those PRGs, remedial action objectives (RAOs) were established for the site according
79 to the following:

80 ▶ Tidal Flats, AOC 52: Reduce risk to the environment by reducing sediment toxicity in
81 the top 4 ft of sediment by removing sediment with average ERM-Q values of 0.5 for
82 eight Site-related metals.

83 ▶ The OF-008 Drainage Ditch AOC 25 - Reduce risk to the environment by reducing
84 sediment toxicity in the top 4 ft of sediment by removing all sediments along the entire
85 length of the OF-008 drainage ditch (inclusive of the "T" section extending to Route
86 113 to the southwest and Marine Basin to the northeast) to a depth of 4 ft below ground
87 surface.

88 Upon achieving the RAOs within the Tidal Flats, the remaining total PCBs and mercury
89 concentrations will be not substantially different from background (0.2 and 0.4 mg/kg,
90 respectively), and risks to potential future human and ecological receptors will be substantially
91 reduced. Similarly, upon achieving the RAOs for the Outfall 008 drainage ditch, risks to potential
92 future human and ecological receptors will be substantially reduced.

93 Based upon these RAOs, approximately 139,341 cubic yards (cy) would require removal within
94 the Tidal Flats, including approximately 8,854 cy of PCB impacted sediments containing greater
95 than or equal to 1.0 ppm PCBs that would be regulated under the Toxic Substances Control Act
96 (TSCA). Those sediments containing between one and less than 50 ppm (8,495 cy), while still
97 regulated under TSCA, may be disposed of in a RCRA Subtitle D landfill. For disposal of \geq 50
98 ppm PCBs, the PCB regulations authorize disposal of these wastes at TSCA-permitted disposal
99 facilities as well as at RCRA hazardous waste landfills (see 761.61(a)(5)(i)(B)(2)(iii)).
100 Approximately 359 cy of PCB impacted sediments contain 50 ppm or more PCBs. The remaining
101 130,487 cy of sediments containing PCBs at concentrations less than 1.0 ppm are potentially
102 eligible for on-site beneficial reuse. For purposes of the FFS, the volumes and related horizontal
103 and vertical delineation of the remedial footprint have been assumed to be sufficient for remedial
104 implementation based upon the sample density and number of samples previously collected to
105 support remedial footprint decisions presented in the Final Sediment Endpoints Report (Amec
106 Foster Wheeler, 2018a) and Addendum to the Final Sediment Endpoints Report (Amec Foster
107 Wheeler, 2018b). For the OF-008 drainage ditch, a total of approximately 4,900 cy of sediments
108 require remediation, consisting of 1,105 cy of PCB impacted sediments greater than or equal to
109 1.0 ppm but less than 50 ppm (TSCA-regulated and eligible for RCRA D disposal) and 3,795 cy
110 of non-TSCA sediments (eligible for on-site beneficial reuse).

111 **General Response Actions**

112 General Response Actions (GRAs) and technologies appropriate to meet the RAOs were then
113 identified and screened. Several GRAs (broad categories of technologies) were eliminated from



114 detailed consideration due to the U.S. Army's preference for removal of sediments and elimination
115 of long-term liability. Monitored Natural Recovery, containment, and in-situ treatment were all
116 eliminated as classes of technologies. Removal and other ancillary support technologies were
117 advanced to technology screening.

118 **Technology Identification and Screening**

119 The universe of potentially applicable removal technologies and related processing and support
120 technologies such as dewatering and disposal was identified and screened. All technologies were
121 evaluated against the effectiveness and implementability criteria. A qualitative assessment of
122 relative cost was developed. A conclusion was then drawn regarding each technology each of
123 which was then either eliminated from further consideration or retained for inclusion in the Tidal
124 Flats and/or Outfall 008 drainage ditch alternatives.

125 A detailed technology screening of dredging technologies was performed and included the
126 evaluation of hydraulic dredging, mechanical dredging, mechanical dredging with hydraulic
127 transport, pneumatic flow tube mixing (combination of mechanical dredging and pneumatic
128 transport with the introduction of processing additives, amphibious dredging (versatile dredging
129 equipment that can work in a variety of water depth and sediment conditions), and conventional
130 removal with a terrestrial long-stick excavator. All options were carried forward into alternatives
131 development. A detailed dredging alternatives evaluation report is included in the Appendices to
132 this report. All mechanical dredging discussed in this FFS refers to dredging equipment that
133 utilizes precision level cut sealed environmental dredging buckets and GPS positioning software
134 to ensure accurate removals with low potential for resuspension and residuals generation.

135 Other key aspects of the technology screening included the evaluation of dewatering technologies
136 which include: gravity dewatering, stabilization and solidification, belt filter press dewatering,
137 recess chamber filter press, centrifuge, pneumatic flow tube mixing, and several other proprietary
138 dewatering systems (e.g., Hi-G, Genesis).

139 Disposal technologies evaluated included: confined aquatic disposal (CAD), confined disposal
140 facility (CDF), on-site beneficial reuse, and off-site disposal or reuse.

141 **Treatability Testing**

142 Throughout the technology and alternatives identification and screening process, treatability
143 testing was conducted to evaluate several sediment processing technologies, including
144 dewatering, solidification, and water treatment. Representative samples from several areas of the
145 site were collected to develop a treatability composite sediment sample. Other supporting sample
146 collection and analysis was conducted including modified elutriate, geotechnical evaluations,
147 leaching tests relevant to on- and off-site disposal, waste characterization analysis, and
148 evaluation of residuals from dewatering and solidification treatability testing.

149 Several dewatering options were evaluated including gravity, belt filter press, recessed chamber,
150 centrifuge, and Geotube dewatering. All dewatering technologies evaluated as part of this FFS



151 were successful at producing a sediment which passed the paint filter test except for gravity
152 dewatering. The belt filter press simulation produced sediment cake with the highest percent
153 solids (53%, passing paint filter) when compared with the other mechanical dewatering
154 technologies (centrifuge and recessed chamber) using a simulated dredge slurry treated with a
155 cationic organic polymer (Solve 137). Additional tests on untreated (no polymer added) slurry
156 yield higher results for the recessed chamber (66%); however, belt press was selected for
157 inclusion the FFS to represent mechanical dewatering technologies. Two additives were
158 evaluated for solidification of sediments generated from the belt press and gravity dewatering:
159 Portland cement and Calciment. Solidification results show excellent strength gain of sediment
160 with Portland cement, and very modest or no strength gain with Calciment. The lowest additive
161 ratio tested for Calciment added to gravity-dewatered sediments did not produce sediments that
162 would pass the paint filter test. Based on the solidification test results, for purposes of the FFS it
163 has been assumed that an addition rate of 6% Portland cement is appropriate for mechanically
164 dredged sediments that are gravity drained. Additional solidification tests performed to simulate
165 pneumatic flow tube mixing (PFTM) also showed excellent strength gain for all percentages tests
166 (6% up to 14%). Therefore, for purposes of this FFS, an addition rate of 6% Portland cement has
167 been selected for addition to sediments processed via PFTM technology to eliminate free
168 moisture and develop strength. No additives are proposed for sediments dewatered via either belt
169 press or Geotube because those methods produced sediments passing the paint filter test (no
170 free liquids)

171 In addition, leaching tests performed on solidified sediments (for both Portland cement and
172 Calciment additives) show materials pass on-site placement criteria (GWB Synthetic Precipitation
173 Leaching Procedure [SPLP] standards under the CT Remediation Standard Regulations [RSRs])
174 and off-site disposal (Toxicity Characteristic Leaching Procedure [TCLP] analysis for RCRA
175 toxicity). In addition, untreated sediments also pass both SPLP and TCLP derived criteria for on-
176 and off-site reuse/disposal. These results provide data to support the option to beneficially reuse
177 solidified or non-solidified sediment on the site as potential future fill material.

178 Initial results of dewatering fluid testing (0.45 micron (μ)) filtered and unfiltered fluids were
179 analyzed) suggested that PCBs and copper may be present in the total and dissolved phases at
180 concentrations exceeding state chronic saltwater criteria. These results suggested that filtration
181 for particulate removal and carbon adsorption may be required to remove PCBs and additional
182 steps for dissolved metals could potentially be required. Subsequent testing was then performed
183 on belt press generated dewatering fluids to determine if a finer filter size and carbon adsorption
184 would further reduce PCBs and copper in water to be discharged. A series of tests were performed
185 on unfiltered and 0.1 μ filtered water from the belt press in which a control sample was analyzed
186 and four additional samples with different amounts of activated carbon were added. Results show
187 only copper exceeded CT SB surface water standards in the control samples (0.1 μ filtered). There
188 were no exceedances for either PCBs or site metals in any of the other samples.

189 These results suggest that filtration at the 0.1 μ size is sufficient to remove particulate adsorbed
190 PCBs and that PCBs may not be truly dissolved, given that 0.45 μ filtration shows PCBs present.
191 Furthermore, because PCBs were not detectable above reporting limits in control samples,



192 filtration alone may be sufficient to reduce PCB concentrations to below SB standards. Regarding
193 copper, which was present in control samples at concentrations exceeding SB standards, carbon
194 reduced copper concentrations in dewatering fluids to undetectable levels (below SB standards)
195 using an activated carbon type specially manufactured to remove metallic ions. Therefore, to
196 ensure both PCBs and copper are treated, it is recommended that water treatment include both
197 carbon adsorption and filtration. Additionally, it is recommended that additional discussions with
198 CT DEEP and other appropriate agencies be conducted to establish appropriate discharge criteria
199 for discharge return to the Housatonic River or other indirect discharges to the Stratford Waste
200 Water Treatment Plant (WWTP) if required, accounting for possible dilution. The Engineer
201 Research and Development Center (ERDC) will be conducting dilution modeling to support the
202 analysis and decision for an appropriate dilution factor which may reduce the scope or cost of
203 treatment required.

204 **Alternatives Development and Screening**

205 Eleven alternatives were developed for the Tidal Flats and three alternatives were developed for
206 the OF-008 drainage ditch to provide a wide range of options for the site, with each set including
207 a No Action Alternative. All alternatives were evaluated against the effectiveness,
208 implementability, and cost criteria for screening purposes. For the Tidal Flats, the No Action
209 Alternative (Alternative 1), two alternatives including a sheet pile cofferdam to isolate the dredge
210 area (Alternatives 7 and 8), Amphibious Dredging (Alternative 9), a shoreline CDF alternative for
211 disposal of sediments (Alternative 10), and two CAD cell options (within the Tidal Flats and within
212 the Housatonic River, Alternative 11) were eliminated from further consideration.

213 The No Action alternative was eliminated due to the requirement to remove sediments. The sheet
214 pile cofferdam options (Alternatives 7 and 8) were eliminated due to the high cost of installing the
215 cofferdam, the extended schedule to design and install the cofferdam, and other technical
216 complexities related to its location adjacent to an existing breakwater and within contaminated
217 areas on the site. Amphibious Dredging (Alternative 9) was dropped from further consideration
218 due to its high potential for generating residuals and resuspended sediments. Alternative 10
219 (shoreline CDF) was eliminated from further consideration due to its very high cost to install an
220 adequately stable sheet pile wall and the building demolition that would be needed to
221 accommodate space for sediments behind the CDF. Alternative 10 would also not provide any
222 improvement in effectiveness and would be more difficult to implement than other alternatives.
223 Alternative 11 (CAD) was eliminated from further consideration due to the need for sheet pile
224 walls (at tidal flats location), sediment re-handling, the need for an additional geotechnical
225 investigation, and requirement to stockpile excess sediments on land.

226 Alternatives 2, 3, 4, 5, and 6 were retained for detailed evaluation. These alternatives include
227 various combinations of mechanical and hydraulic dredging; mechanical, hydraulic, and
228 pneumatic transfer of sediments; gravity dewatering, belt filter press dewatering, and Geotube
229 dewatering; solidification; and on-site beneficial reuse or off-site disposal. **Table ES-1**
230 summarizes these options.



231 For OF-008 three alternatives were developed, including No Action (Alternative 1), Excavation,
232 (Alternative 2) and Mechanical Dredging (Alternative 3). The No Action alternative and
233 Mechanical Dredging were eliminated from further consideration, due to the requirement for
234 removal at the site (No Action) and the lack of effectiveness expected from mechanical dredging
235 in the drainage ditch. Alternative 2, Excavation, was carried forward into the detailed evaluation.

236 **Detailed Evaluation of Alternatives**

237 For purposes of the detailed evaluation, each of the five remedial alternatives for the Tidal Flats
238 was combined with the single alternative for OF-008 to provide complete Site wide alternatives
239 for remediation of the sediments. The following five alternatives (see **Table ES-1** for a summary
240 of the Tidal Flats components) were carried forward into detailed analysis:

- 241 ▶ Alternative 2: Hydraulic Dredging and Transport, Filter Press or Geotube Dewater, On-
242 Site Beneficial Reuse or Off-Site Disposal

- 243 ▶ Tidal Flats: Hydraulic dredge to hydraulic off-load and filter press dewater with
244 mechanical backfill for restoration and on-site beneficial reuse or off-site disposal

- 245 ▶ OF-008: Isolate and dewater area for mechanical excavation and truck transport to
246 sediment processing area and on-site beneficial reuse or off-site disposal. Mechanical
247 backfill and restoration.

- 248 ▶ Alternative 3: Mechanical Dredging and Transport, Dewater, Solidify, On-Site Beneficial
249 Reuse or Off-Site Disposal

- 250 ▶ Tidal Flats: Precision mechanical dredging to mechanical off-load, dewater and
251 solidify, with mechanical backfill for restoration and on-site beneficial reuse or off-site
252 disposal

- 253 ▶ OF-008: Isolate and dewater area for mechanical excavation and truck transport to
254 sediment processing area and on-site beneficial reuse or off-site disposal. Mechanical
255 backfill and restoration.

- 256 ▶ Alternative 4: Mechanical Dredging with Hydraulic Transport, Belt Press or Geotube
257 Dewater, On-Site Beneficial Reuse or Off-Site Disposal

- 258 ▶ Tidal Flats: Precision mechanical dredging to hydraulic offload and filter press dewater
259 with mechanical backfill for restoration and on-site beneficial reuse or off-site disposal.

- 260 ▶ OF-008: Isolate and dewater area for mechanical excavation and truck transport to
261 sediment processing area and on-site beneficial reuse or off-site disposal. Mechanical
262 backfill and restoration.

- 263 ▶ Alternative 5: Mechanical Dredging with Pneumatic Flow Tube Mixing Transport and
264 Dewater, On-Site Beneficial Reuse



265 ▶ Tidal Flats: Precision mechanical dredging to pneumatic flow tube mixing with
266 mechanical backfill for restoration and on-site beneficial reuse

267 ▶ OF-008: Isolate and dewater area for mechanical excavation and truck transport to
268 sediment processing area and on-site beneficial reuse. Mechanical backfill and
269 restoration.

270 ▶ Alternative 6: Mechanical Dredging, Off-Site Transport, Process and Disposal

271 ▶ Tidal Flats: Precision mechanical dredging to barge off-site for processing (Clean
272 Earth or Tipping Point) with mechanical backfill for restoration and off-site disposal.

273 ▶ OF-008: Isolate and dewater area for mechanical excavation and truck transport to on-
274 site sediment processing area and off-site disposal. Mechanical backfill and
275 restoration.

276 Table ES-1 summarizes the components of each remedial alternative for the Tidal Flats remedial
277 area and the disposal and dewatering options as described above. For costing purposes each of
278 alternatives 2 through 4 include the following:

279 • An on-site beneficial re-use option for sediments containing less than 1.0 mg/kg PCBs
280 coupled with off-site disposal for all other sediments at appropriate RCRA-D and TSCA
281 facilities; and

282 • An off-site disposal option (assuming no on-site beneficial reuse) for all sediments at
283 appropriate RCRA-D and TSCA facilities.

284 Alternative 5 (solidification through the PFTM process) includes only on-site beneficial reuse of
285 sediments containing less than 1.0 mg/kg PCBs and off-site disposal of sediments exceeding
286 PCB concentrations of 1.0 mg/kg. Alternative 6 does not include an on-site beneficial re-use
287 option and only considers off-site disposal of all sediments via barge transport and off-site
288 processing and disposal. Alternatives 2 and 4 also include dewatering options for the use of
289 either a belt filter press or Geotubes, as these technologies were successful at producing
290 dewatered sediment which passed the paint filter test.

291 Each of the five alternatives were described in detail and then evaluated against seven of the nine
292 CERCLA FS criteria, including Overall Protection of Human Health and the Environment,
293 Compliance with ARARs, Long-term Effectiveness, Short-term Effectiveness, Reduction of
294 Toxicity, Mobility, or Volume through Treatment, Implementability, and Cost and Region I and CT-
295 specific Sustainability criteria. The two remaining criteria, State and Community Acceptance, will
296 be evaluated following public and state review of the Proposed Plan and documented in the
297 Responsiveness Summary within the Decision Document. Cost evaluations include the
298 development of capital costs, operations, maintenance, and monitoring costs (OMM), total costs,
299 and total present worth costs.

300 **Comparative Analysis**



301 A comparative analysis was then conducted to identify the balancing factors to aid in selection of
302 a preferred remedy. Based on this evaluation, all alternatives would meet the threshold criteria of
303 Overall Protection of Human Health and the Environment and Compliance with ARARs, and there
304 are no substantive differences with respect to these criteria among the alternatives. Each of these
305 alternatives would adequately remove sediments to meet RAOs (providing protection to human
306 health and the environment) and the work would be performed in compliance with ARARs.

307 The remaining criteria are known as the “primary balancing” criteria. The evaluations are
308 summarized as follows:

309 **Long-term Effectiveness.** Each of the alternatives would permanently remove sediments from
310 Tidal Flats and OF-008, and place backfill materials to reestablish habitat. There is essentially no
311 difference between alternatives with respect to this criterion. Following remediation, ecological
312 risks would be addressed in the tidal flats and the Outfall 008 drainage ditch, with no sediments
313 remaining within these areas exceeding site PRGs. Any site contaminants remaining would be at
314 concentrations that do not cause exceedance of the ERM-Q of 0.5, and below 0.40 mg/kg Hg and
315 0.2 mg/kg PCBs (PCBs and Hg are co-located with the other eight targeted inorganics and are
316 therefore not driving the remediation footprint).

317 However, when comparing options for on-site re-use and off-site disposal, off-site disposal has
318 more permanence because the material would be placed in a secure offsite landfill facility rather
319 than placed on-site. For placement of contaminated sediments on land, the State of CT does not
320 have regulations that are directly applicable; however, through dewatering and processing of the
321 removed sediments, the material will be rendered soil-like and as such, the “polluted soil”
322 regulations¹ are relevant and appropriate to the placement and beneficial re-use of site sediments
323 at the site. The polluted soil regulations require certain conditions to be met prior to placement of
324 contaminated materials (RSRs Section 22a-133k-1(h)) on land – these conditions would be met
325 including placement above the water table and documenting the location of the polluted soil with
326 the Commissioner; however, under CT RSRs it is uncertain if the material would be considered
327 “inaccessible soil” or “environmentally isolated” because the exact location for placement has not
328 yet been determined, and ultimately must be consistent with the future developer’s plans.
329 Therefore, the adequacy and reliability of the engineering controls to be used to ensure future
330 isolation of the contaminated materials is uncertain until a full development plan is available.

331 Furthermore, on-site options that do not include solidification, Alternatives 2 and 4, which rely on
332 mechanical dewatering methods or Geotubes, do not require the addition of additives for
333 placement on site. In this respect, the remediation may not be permanent because future
334 solidification may be required to meet future reuse criteria with respect to strength, which are
335 currently unknown.

¹ The “polluted soil” definition (Remediation Standard Regulations Section 22a-133k-1(a)(50) includes soil that is affected by a release of a substance at concentrations above the analytical detection limit for that substance; however, the definitions of soil and sediment are mutually exclusive, and no analogous definition is provided for sediment.



336 **Reduction of Toxicity, Mobility, and Volume through Treatment.** None of the alternatives
337 have treatment as a principle element to permanently and significantly reduce toxicity, mobility,
338 or volume of the hazardous substances. However, all alternatives include some form of treatment
339 to process dredged material or treat dewatering fluids. Alternatives that involve hydraulic
340 transport of sediment significantly increase the volume of materials requiring
341 processing/treatment due to the large volume of water entrained to move sediments in a slurry.
342 Alternative 2 is evaluated least favorably, followed by Alternative 4, and then the remaining
343 alternatives. Alternatives that involve the addition of additives to sediments increase the volume
344 of materials, which is viewed negatively under this criterion. This includes any process involving
345 mechanical dredging due to the need for additives (e.g., Portland cement) to reduce free water.
346 However, this volume increase is modest relative to the volume of water entrained in hydraulic
347 transport options. Mechanical dredging options generate a lower volume of dredged materials
348 than hydraulic dredging options due to the high level of precision of the level cut bucket proposed.

349 **Short Term Effectiveness.** The main differentiating factor under this criterion is time to achieve
350 RAOs. Alternatives that include mechanical dredging and mechanical transport (Alternatives 3, 5,
351 and 6) have the highest dredging productivity and therefore the shortest overall schedule and are
352 evaluated more highly in this regard. Mechanical dredging with hydraulic transport (Alternative 4)
353 has a slightly longer schedule due to the more complex slurry component required to transport
354 sediment to land. Alternative 2 (Hydraulic dredging) would have the longest overall schedule and
355 therefore is evaluated least favorably.

356 An additional consideration is release of suspended sediments, which has the potential to impact
357 downstream ecological receptors. All mechanical and hydraulic dredging alternatives will cause
358 release and resuspension to some degree as affected by the necessary operational processes;
359 for example, at the cutter head or bucket, tug and support vessel propwash, anchor management,
360 pipeline back flushing, and impacts with the bed. In most cases these release mechanisms can
361 be managed by selecting appropriately sized and configured equipment, conducting operations
362 in a manner that avoids or minimizes release, and mitigated by installing proper engineering
363 controls. Properly installed and maintained turbidity curtain systems coupled with a properly
364 implemented turbidity monitoring, maintenance, and management program would be one such
365 engineering control that can substantially contain resuspension.

366 **Implementability.** Generally, the dredging technologies selected (mechanical and hydraulic) are
367 widely available and proven and evaluated similarly for implementability. Alternatives 2
368 (hydraulic), 3 (mechanical), and 6 (mechanical/off-site processing and disposal) are all evaluated
369 similarly with respect to implementability for the sediment portions of the alternatives. Alternatives
370 3 and 5 rely upon innovative technologies (mechanical dredging with hydraulic transport) or
371 technologies that are not widely used (PFTM) and are therefore considered more difficult to
372 implement given the scarcity of contractors able to perform the work. Alternatives that rely on
373 significant water treatment systems (Alternatives 2 and 4) are considered more difficult to
374 implement given the additional complexity of mobilizing and operating large dewatering and water
375 treatment systems. Alternative 5 (PFTM) has the added advantage of very little or no water
376 treatment required for non-TSCA sediments. In addition, the Geotube option is evaluated more



377 favorably over the mechanical dewatering option (belt press) based on its simpler operation.
378 However, both the belt filter press and Geotube options require a larger footprint relative to
379 alternatives that rely on gravity dewatering, complicating site logistics, particularly when
380 considering on-site placement of fill materials.

381 **Cost.** Both on-site beneficial reuse and off-site disposal were evaluated. For on-site reuse,
382 Alternative 3, Mechanical Dredging and Alternative 4, Hybrid Dredging (Geotubes) have the
383 lowest estimated costs at \$79.4M and \$78.4M, respectively. For off-site disposal, Alternative 6
384 (off-site disposal via barge) had the lowest overall cost (\$93.5M). Figure ES-1 presents the total
385 cost for each alternative (with both on-site beneficial reuse and off-site disposal options). Figure
386 ES-1 also includes lines indicating the -30% cost line and +50% cost line for each option. These
387 lines depict graphically the CERCLA-defined cost accuracy range of -30%/+50%. The two lines
388 for on-site re-use options and the two lines for the off-site disposal options illustrate that all
389 remedial alternative costs fall within the CERCLA range of FS accuracy as defined by the
390 alternatives analyzed, indicating that differences in cost among the alternatives are generally not
391 significant given the current stage of project definition.

392 **Preferred Remedy**

393 Based upon the detailed and comparative analyses, the preferred remedy is Alternative 3,
394 Mechanical Dredging for on-site beneficial reuse of sediments. This option has the highest
395 anticipated productivity rates (and therefore shortest overall schedule) and would generate a
396 smaller volume of dredged material than hydraulic dredging based on the precision mechanical
397 dredging bucket proposed. In addition, this option would generate a significantly lower volume of
398 water relative to hydraulic dredging or hydraulic transport options (Alternative 2 and 4). A
399 precision low turbidity level cut environmental clamshell bucket would be used to minimize over-
400 dredge and the generation of resuspended sediments. As with any of the alternatives,
401 resuspended sediments can be adequately controlled through a properly implemented turbidity
402 monitoring, management, and engineering controls program via silt curtain or other appropriate
403 technology and proper selection of equipment by an experienced dredging contractor. The use of
404 a precision low turbidity level cut environmental clamshell bucket results in a reduction of volume
405 of dredged materials relative to hydraulic dredging options based upon its accuracy. In addition,
406 this type of bucket will result in less mixing of underlying clean sediments relative to hydraulic
407 dredging. Mechanical dredging systems are more easily converted to capping barges, which
408 reduces costs. Mechanically dredged and conveyed materials will require cement solidification
409 because gravity drainage alone will not reduce free liquids sufficiently; however, this is a standard
410 element of dredged material processing and not difficult to incorporate. In addition, Alternative 2
411 and 4 do not include Portland cement, so an additional cost for solidification would be realized to
412 ultimately meet on-site strength requirements for beneficial reuse.

413 In summary, when on-site beneficial re-use is considered, Alternative 3 would meet the threshold
414 criteria and provides the best performance relative to the balancing criteria. Alternative 3 would
415 provide benefits comparable to or better than all other on-site reuse options while achieving this

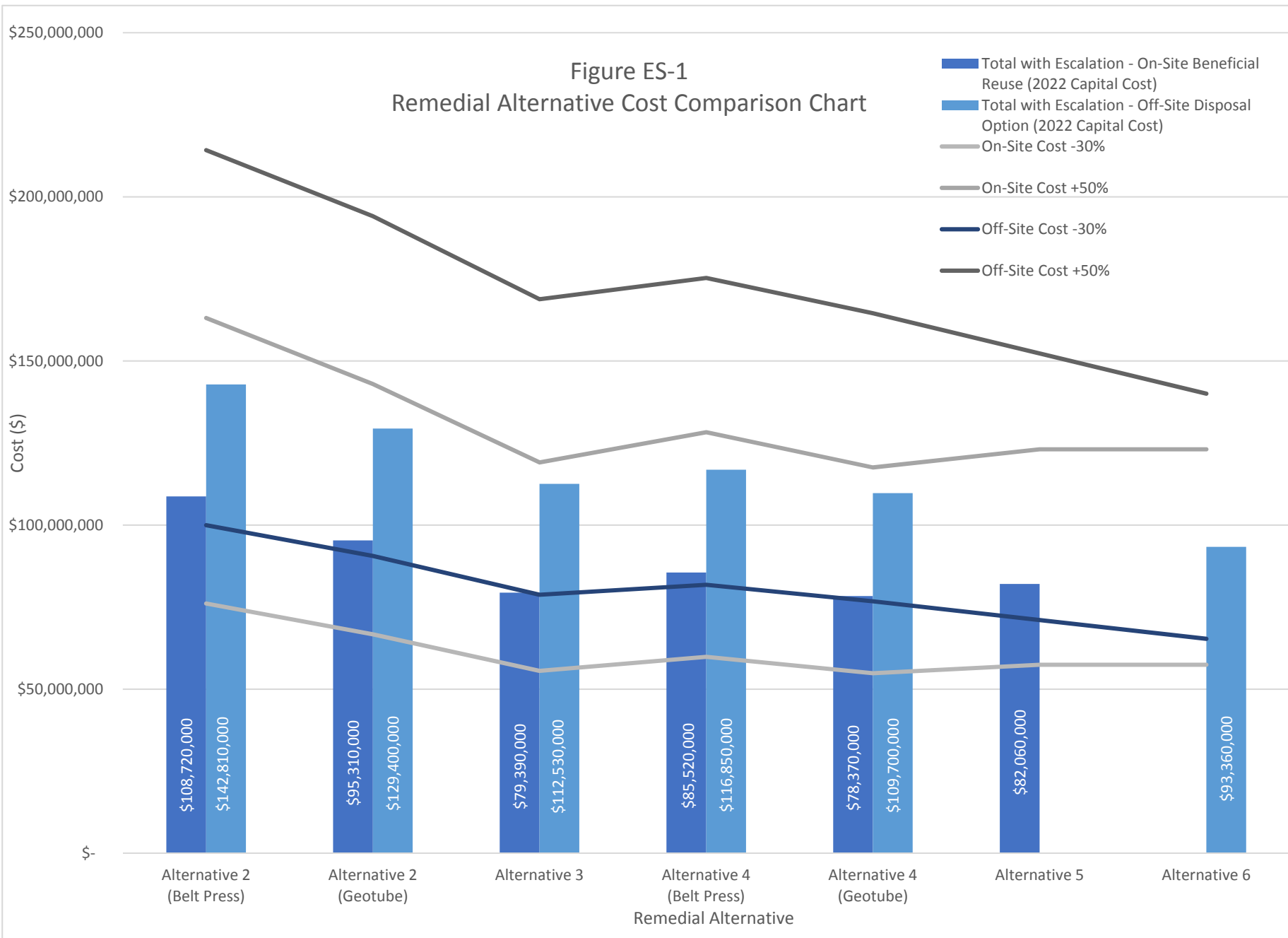


416 at a low overall cost using the proven and accurate technologies that achieve results quickest
417 with the lowest overall environmental impacts.

418 If off-site disposal of all sediments is required, Alternative 6 (Mechanical Dredging and Off-site
419 Disposal via Barge) would achieve the same benefits with respect to dredging activities as
420 Alternative 3 (Mechanical Dredging) but would achieve those results at the lowest cost relative to
421 other options that couple dredging with off-site disposal via truck. In addition, because all tidal
422 flats work would be managed from the water, Alternative 6 would have essentially no on-site
423 footprint, except for a limited area to support the Outfall 008 work including material processing
424 and transport. The limited on-site footprint would provide a significant benefit for the schedule of
425 on-site development by allowing dredging and site development work to continue simultaneously.

Figure ES-1
Remedial Alternative Cost Comparison Chart

- Total with Escalation - On-Site Beneficial Reuse (2022 Capital Cost)
- Total with Escalation - Off-Site Disposal Option (2022 Capital Cost)
- On-Site Cost -30%
- On-Site Cost +50%
- Off-Site Cost -30%
- Off-Site Cost +50%





**Table ES-1
Alternative Summary
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



Alternative	Dredge Method	Transport	Dewater Method	PCB < 1.0 mg/kg	1.0 mg/kg ≤ PCB < 50 mg/kg	50 mg/kg ≤ PCB
Alternative 2 Hydraulic Dredge to Hydraulic Transport with Dewatering: Belt Press or Geotubes	Hydraulic	Hydraulic	Belt Filter	On-Site Beneficial Reuse or Off-Site Disposal at RCRA D Facility	Off-Site Disposal at RCRD D Facility	Off-Site Disposal at TSCA Permitted Facility
			Geotube			
Alternative 3 Mechanical Dredge to Mechanical Transport with Solidification (Portland Cement)	Mechanical	Mechanical	Gravity and Solidification	On-Site Beneficial Reuse or Off-Site Disposal at RCRA D Facility	Off-Site Disposal at RCRD D Facility	Off-Site Disposal at TSCA Permitted Facility
Alternative 4 Mechanical Dredge to Hydraulic Transport with Dewatering: Belt Press or Geotubes	Mechanical	Hydraulic	Belt Filter	On-Site Beneficial Reuse or Off-Site Disposal at RCRA D Facility	Off-Site Disposal at RCRD D Facility	Off-Site Disposal at TSCA Permitted Facility
			Geotube			
Alternative 5 Mechanical Dredge to PFTM Transport and Solidification (Non-TSCA) and Barge Transport (TSCA)	Mechanical	PFTM (on-site) Barge (off-site)	Gravity and PFTM Solidification	On-Site Beneficial Reuse or Off-Site Disposal at RCRA D Facility	Off-Site Disposal at RCRD D Facility	Off-Site Disposal at TSCA Permitted Facility
Alternative 6 Mechanical Dredge to Mechanical Transport for Off-Site Process/Disposal (All)	Mechanical	Barge	Gravity and Off-Site Solidification	On-Site Beneficial Reuse or Off-Site Disposal at RCRA D Facility	Off-Site Disposal at RCRD D Facility	Off-Site Disposal at TSCA Permitted Facility

Notes:

PFTM = Pneumatic Flow Tube Mixing; TSCA = Toxic Substance Control Act



426 **1.0 INTRODUCTION**

427 The United States Army Corps of Engineers (USACE), New England District (CENAE) with the
428 assistance of Wood Environment & Infrastructure Solutions, Inc. (Wood) has prepared this
429 Focused Feasibility Study (FFS) report to document the remedial process and select a remedial
430 alternative for dredging of sediments in the Tidal Flats and the Outfall-008 (OF-008) drainage
431 ditch (the Site) at the Stratford Army Engine Plant (SAEP), in Stratford, Connecticut (**Figure 1-1**).

432 The United States Department of the Army (U.S. Army) is undertaking this FFS as part of its
433 obligations as lead agency for the Site under the Comprehensive Environmental Response,
434 Compensation, and Liability Act of 1980 (CERCLA) and Executive Order 12580. The Connecticut
435 Department of Energy and Environmental Protection (CT DEEP) is the state support agency.

436 The Tidal Flats and OF-008 define the Site as discussed in this FFS, the remainder of the SAEP
437 is regulated under a Resource Conservation and Recovery Act (RCRA) Stewardship Permit and
438 will be addressed under separate action(s).

439 **1.1 Purpose and Organization of Report**

440 The purpose of the FFS is to develop and evaluate remedial alternatives for the Site in accordance
441 with the requirements of the CERCLA and follows U.S. Environmental Protection Agency
442 (USEPA) Guidance for Conducting Remedial Investigations and Feasibility Studies Under
443 CERCLA (USEPA, 1988).

444 The FFS report is based on the nature and distribution of contaminants, human-health and
445 ecological risk assessments, derivation of the effects range median quotient (ERM-Q) and use of
446 the ERM-Q value of 0.5 to define the proposed areas to be remediated (Amec Foster Wheeler,
447 2018a). The report consists of the following seven sections:

448 Section 1.0 introduces the FFS report and its purpose. Section 1.0 briefly describes the FFS
449 process to enhance the reader's understanding when reviewing relevant sections of the report
450 and includes a brief background description of the SAEP including site location and facility history.
451 Previous remedial investigations (RI) are summarized in the Sediment Remediation Endpoints
452 Report (Amec Foster Wheeler, 2018a) which is included as **Appendix A-1**. Section 1.0 also
453 summarizes site characteristics associated with the Tidal Flats and OF-008, the contamination
454 assessment for Area of Concern (AOC)-52 Tidal Flats and AOC-25 OF-008 drainage ditch, and
455 work with the CT DEEP to develop remedial goals based on multiple site-related chemicals in
456 comparison to background concentrations in the Housatonic River sediment. Section 1.0 also
457 presents a site conceptual model that considers the interrelationships of contaminant source
458 areas, site geology, site hydrogeology, contaminant persistence, and contaminant distribution.

459 Section 2.0 identifies the basis for remediation. This section links the results of the risk
460 assessments to the selection of remedial technologies by identifying remedial response objectives
461 and preliminary remediation goals (PRGs), developing remedial action objectives (RAOs), and
462 listing the resultant general response actions (GRAs). This section initiates the risk-management
463 decision process and presents Applicable or Relevant and Appropriate Requirements (ARARs)



464 for the project including location-, chemical-, and action-specific state and federal ARARs and “To
465 be Considered” (TBC) non-promulgated criteria, advisories, guidance, and proposed standards
466 issued by Federal and State governments (USEPA 1989).

467 Section 3.0 identifies and screens remedial technologies for the corresponding GRAs.

468 Section 4.0 describes the assembly of these technologies into remedial alternatives, and screens
469 them against the criteria of implementability, effectiveness, and cost.

470 Section 5.0 presents the detailed evaluation of the retained remedial alternatives. Detailed
471 descriptions of the components of each alternative and an evaluation of each alternative against
472 the first seven evaluation criteria (Overall Protection of Human Health and Environment,
473 Compliance with ARARs, Long-term Effectiveness, Reduction of Toxicity, Mobility, and Volume
474 through Treatment, Implementability, and Cost) listed in the National Oil and Hazardous
475 Substances Contingency Plan (NCP) (USEPA, 1990) are presented.

476 Section 6.0 presents the comparative analysis of the retained alternatives with respect to
477 CERCLA guidance highlighting relative advantages and disadvantages of, and differences
478 between, the alternatives with respect to the seven evaluation criteria.

479 Section 7.0 presents the preferred alternative selected based on the comparative analysis and a
480 four-point ranking system for each of the seven criteria. The tradeoffs between the alternatives
481 and how the scoring was developed are described.

482 Section 8.0 presents the historic documents and references cited in the text of this FFS.

483 Figures, Tables, and Appendices are presented following Section 8.

484 **1.2 Background**

485 The former SAEP is located at 550 Main Street in Stratford, Connecticut. This FFS is solely
486 focused on the Tidal Flat area (AOC-52) located between the SAEP and the Housatonic River
487 channel, and the OF-008 drainage ditch (AOC-25) (**Figure 1-2**) which are being remediated under
488 CERCLA and DERP. The remainder of the Site is regulated under RCRA Stewardship permit.
489 Compliance work performed under the Stewardship Permit is a separate, future action.

490 The property was developed in 1927 for Sikorsky Aircraft where aircraft and engines were
491 manufactured from 1929 to 1948. The plant was expanded during World War II to accommodate
492 mass production of the F4U Corsair fighter plane. During this time the shoreline was extended to
493 provide land area for new buildings. The plant was idle from 1948 until 1951. From 1952 until it
494 closed in 1997, the plant was used to produce reciprocating aircraft engines and turbine engines
495 for both commercial and military applications.

496 Process wastes generated on-site included waste oils, fuels, solvents, and paints. An on-site
497 chemical waste treatment plant operated to treat waste generated at the facility and released



498 effluent to the Housatonic River under a National Pollutant Discharge Elimination System
499 (NPDES) permit. Waste lagoons on the Site were regulated and evaluated under RCRA in the
500 1980s. The facility was cited in 1983 for violating the Toxic Substances Control Act (TSCA)
501 regarding reporting of polychlorinated biphenyl (PCB)-containing transformers. The Site was
502 owned by the United States (U.S.) Air Force until 1976, when ownership was transferred to the
503 U.S. Army (USEPA, 2016).

504 All manufacturing operations at the facility have ceased, and some office space is currently
505 utilized for site security and building maintenance.

506 **1.2.1 Site Description**

507 The SAEP is located on the Stratford Point peninsula in the southeast corner of Fairfield County.
508 The Site is on the border of the Bridgeport and Milford U.S. Geological Survey (USGS)
509 Quadrangles. Latitudinal and longitudinal coordinates of the SAEP are approximately 41° 10'
510 North and 73° 07' West. The location of the SAEP is shown on **Figure 1-1**.

511 SAEP consists of approximately 124 acres, of which about 76 acres are improved land, and the
512 Army has riparian rights (access) to approximately 48 acres of adjacent tidally influenced
513 property bordering the Housatonic River. All tidal lands below the mean high-water line are
514 owned by the State of Connecticut as public trust land. The 76 acres of improved land contain
515 49 buildings, paved roadway and grounds, and five paved parking lots. The 48 acres of tidally
516 influenced property adjacent to the Housatonic River are known as the "Tidal Flats". An area
517 map is provided as **Figure 1-2**.

518 The SAEP has a long industrial history and was used to develop, test, and manufacture aircraft,
519 aircraft engines, and other aerospace products for 68 years. The plant closed in 1997. Access
520 to the Site is restricted by perimeter fencing and security personnel. The SAEP Site is bordered
521 by a paved parking lot and wetlands to the north; the Tidal Flats and Housatonic River to the
522 east; an open field, a drainage channel, and small businesses to the south; and hangar
523 buildings, the Sikorsky Memorial Airport, several small businesses, and Frash Pond to the west.
524 Land near the Site is zoned light industrial, business, commercial, or residential. There are
525 several businesses located west of Main Street across from SAEP, including a small strip mall,
526 service stations, and a restaurant.

527 Nearby recreational areas include Short Beach Park ½-mile to the southeast, and public wildlife
528 areas, including Nells Island and the Great Meadow Salt Marsh across the Housatonic River
529 from SAEP.

530 **1.2.2 Site History**

531 As part of the 2004 RI Report (ACSIM, 2004), the Site was organized into almost 70 AOCs. These
532 AOCs were then consolidated into groups according to the type and location of each. These AOC
533 groups were identified to include:



- 534 ▶ Hazardous Waste Storage Area
- 535 ▶ Chemical Waste Treatment System
- 536 ▶ Manufacturing, Testing, Research and Development Area
- 537 ▶ Stormwater and Wastewater System
- 538 ▶ Miscellaneous Areas

539 From the list above, three primary AOCs are further discussed below and are the primary focus
540 of this FFS.

- 541 ▶ Chemical Waste Treatment System (CWTS)
- 542 ▶ AOC 25 (Outfall-008 and Drainage Ditch)
- 543 ▶ Stormwater and Wastewater System
- 544 ▶ AOC 24 (Discharge to the Housatonic River at Outfall-007)
- 545 ▶ AOC 52 (Outfalls-001 through -006 and the Tidal Flats)

546 For the purposes of this report, AOCs 24 and 52 are combined to represent the Tidal Flats
547 sediments.

548 **1.2.2.1 AOC 24: Discharge to the Housatonic River at Outfall-007**

549 Treated stormwater from the oil abatement treatment plant (OATP) had discharged through
550 Outfall-007 (OF-007) to the Tidal Flats of the Housatonic River (**Figure 1-3**). The OATP received
551 and treated stormwater and dry weather flow, including the first flush of stormwater, from the six
552 storm pump stations. Industrial wastewater discharged to the OATP included boiler blowdown,
553 cooling water, laboratory wastes, photographic processing wastes, paint-contaminated
554 wastewater, soluble and insoluble cutting oils, spent hydraulic fluid, penetrant dyes, brine, and
555 emulsion cleaning detergents (ESE, 1981; W-C, 1991).

556 Four chemical releases to the Tidal Flats have been documented. These releases involved:

- 557 ▶ In May 1978, a spill of 25 to 30 pounds of chromic acid was discharged into the OATP
558 and into the river via OF-007 (W-C, 1991).
- 559 ▶ In August 1978, Connecticut Department of Environment Protection (CTDEP) was
560 advised that a yellow plume of hexavalent chromium was extending approximately 200
561 yards from OF-007 (CDM FPC, 1992). This release occurred during a period when it
562 is suspected that effluent from the CWTS was routed to the OATP for discharge via
563 OF-007.
- 564 ▶ Approximately 75 gallons of oil sludge from the OATP bypassed clogged skimmers
565 and discharged from OF-007 in July 1979 (W-C, 1991).
- 566 ▶ In October 1981, approximately 20 gallons of “Zyglo,” a fluorescent metal penetrant
567 dye was spilled into a storm drain and discharged from OF-007 (W-C, 1991).



568 **1.2.2.2 AOC 52: Facility Outfalls-001 through -006 and the Tidal Flats**

569 In 1953, six storm pump stations were built (Buildings B-36, B-37, B-38, B-39 [demolished in
570 1971], B-40, and B-41) that discharged to the Tidal Flats and Housatonic River via associated
571 outfalls (OF-001 through OF-006) (W-C, 1991) (**Figure 1-3**). Also, the outfalls received surface
572 runoff, which may have contacted wastes potentially spilled on the Site grounds (W-C, 1991).

573 In 1976, the OATP (Building B-64-2), an associated pump station (Building B-64-1), and OF-007
574 were constructed to address oil and grease from influent wastewater in the collection system to
575 meet NPDES requirements. Outlet piping was reconfigured for the existing pump houses, such
576 that base flow and the first flush of stormwater would be routed to the OATP for treatment prior
577 to discharge to the river via OF-007. The result was that discharge from OF-001 through OF-006
578 would occur only during large storm events when excessive runoff was present (W-C, 1991).

579 Specific amounts or constituents of materials/wastes that may have been discharged from
580 OF-001 through OF-006 in the past is not known; however, any material or waste discharged or
581 spilled into storm drains prior to construction of OATP was potentially released to the Tidal Flats
582 through one of these outfalls. Industrial wastewaters produced at SAEP have included boiler
583 blowdown, cooling water, laboratory wastes, photographic processing wastes, paint-
584 contaminated wastewater, soluble and insoluble cutting oils, spent hydraulic fluid, penetrant
585 dyes, brine, and emulsion cleaning detergents (ESE, 1981; W-C, 1991). These waste streams
586 likely contained waste fuels and solvents in addition to documented compounds. Further
587 information regarding the waste streams potentially handled by the outfalls is provided in the RI
588 Report (ACSIM, 2004).

589 Historically, waste oils, fuels, solvents, and paints likely have been released to the storm and
590 wastewater lines which lead to OF-001 through OF-006. Solvent, PCBs, and fuel-related
591 contaminants were detected in sediment samples located adjacent to the six facility outfalls
592 associated with the stormwater system. It should be noted, however, that in addition to impacts
593 from SAEP-originating contamination, some sediment samples in the eastern portion of the
594 Tidal Flats adjacent to the Housatonic River channel may be impacted by former historical
595 industrial operations upriver. As an additional note, the current SAEP shoreline is a result of
596 several expansions, most notably in 1943, which utilized both river sediments and fill from off-
597 site.

598 **1.2.2.3 AOC 25: Outfall-008 and Drainage Ditch**

599 This AOC consists of discharge from the former Chemical Waste Treatment Plant to OF-008 and
600 the associated drainage ditch (ACSIM, 2004) (**Figure 1-4**). The Outfall 008 drainage ditch is
601 located at the southern boundary of the site and was used to discharge treated wastewater
602 associated with metal plating into a drainage ditch that flows to the south. The drainage ditch
603 originates at Outfall 008. It is approximately 10 to 12 feet wide and generally less than 2 feet deep.
604 From Outfall 008 the ditch extends south-southeast a distance of 1,100 feet where it intersects a
605 perpendicular ditch. This perpendicular ditch formerly carried runoff from the airport (located to



606 the southwest, across Main Street) to Marine Basin (located 250 feet east of the junction of the
607 Outfall 008 Drainage Ditch and the perpendicular ditch). The Connecticut Department of
608 Transportation (CT DOT) re-routed this ditch in 2014, isolating it from the OF-008 ditch by creating
609 a new ditch that drains runoff from the airport and runs parallel to the OF-008 ditch, connecting
610 directly to the Marine Basin. In addition, a partially collapsed steel culvert which formerly ran
611 underneath dirt road 100 feet upstream of the east-west portion of the OF-008 drainage ditch was
612 removed in 2014. The steel culvert had limited tidal fluctuation impacts in the portion of the ditch
613 between the culvert and Outfall 008 until it was removed. Water in the perpendicular drainage
614 ditch flows to the Marine Basin, which in turn drains to the Housatonic River. There is a non-
615 functioning tide gate at the confluence of the OF-008 ditch and the Marine Basin which currently
616 limits tidal fluctuation impacts in the ditch between the culvert and the Marine Basin.

617
618 OF-008 was used to discharge supernatant from the waste treatment plant clarifier to the drainage
619 channel immediately northeast of Building B-18, to Marine Basin and ultimately the Housatonic
620 River. The outfall was constructed in 1979. The facility's 1985 NPDES permit allowed a discharge
621 of 190,000 gallons per day of treated finishing wastewater from the outfall, and in 1991, the
622 renewed NPDES permit allowed the facility to discharge 123,840 gallons per day of metal finishing
623 wastewater from cyanide and chromium plating operations via the outfall.

624 Records indicate that frequent violations of permit limitations (e.g., elevated pH levels, heavy
625 metals concentrations exceeding permitted levels, and discharges exceeding the allowable
626 maximum daily flow) occurred prior to the mid-1980s. Violations occurred after that time with less
627 frequency (ACSIM, 2004). During a 1984 USEPA inspection, white foam was observed where
628 lime-green colored liquids were being discharged from the CWTS clarifier into the tidal basin
629 (ACSIM, 2004). A review of the monthly Discharge Monitoring Reports for 1990 identified
630 violations of permit limitations for average daily flow and maximum daily concentration limits for
631 nickel, cyanide, and total toxic organics (ACSIM, 2004). Elevated levels of chlorinated volatile
632 organic compounds (VOCs), fuel-related VOCs, and other VOCs were detected during required
633 NPDES Permit sampling (ACSIM, 2004).

634 As part of the CT DOT Runway Safety Area Project (Re-alignment of CT Route 113, CT DOT
635 Project 15-336), in 2013 parts of the Outfall 008 drainage ditch and a portion of the property
636 adjacent to the ditch were evaluated for the presence of Raymark waste. The investigation
637 determined that Raymark waste was present adjacent to the Outfall 008 drainage ditch, and the
638 extent of Raymark waste is depicted in Figure 1-3 of the Final Sediment Remediation Endpoints
639 Report (Amec Foster Wheeler, 2018a). The Removal Work Plan identifies Raymark wastes at
640 depths up to 8 feet in areas adjacent to the drainage ditch, and states that "RMW (Raymark
641 Waste) extends into the tidal channel." The delineation of Raymark Waste did not extend
642 upstream along the drainage channel to the north, toward Outfall 008, beyond a limited area near
643 the junction of the "T" shape of the channel. The excavation of Raymark Waste was conducted in
644 2015, slightly altering the portion of the Outfall 008 drainage ditch adjacent to the former Raymark
645 Waste, including removal of a culvert crossing and regrading of the ditch banks. The final report
646 (AECOM 2015) does not indicate additional removals beyond those identified in the Removal
647 Work Plan (URS Corporation AES 2014) and presents a figure depicting the same extent of



648 removal as was identified in the work plan Figure 2. Confirmation sampling was performed only
649 along Route 113 at a location where excavation could not extend to the predetermined limits.
650 These figures both note that the limits of excavation were defined by borings that do not contain
651 Raymark waste (see figure 2 URS Corporation AES 2014). In addition, the design called for the
652 installation of sheetpile along and into the Outfall 008 ditch coincident with the line of samples
653 that did not contain Raymark waste, which was used during the remediation to control water. The
654 use of sheetpile would have prevented the inspection of sidewalls and/or collection of additional
655 confirmation samples within or immediately adjacent to the Outfall 008 ditch.
656

657 **1.2.3 Summary of Sediment Investigations**

658 There have been numerous investigations of the sediments in the Tidal Flats and Outfall 008
659 areas prior to 2014, and are summarized as follows:

- 660 ▶ Sampling of the Tidal Flats and Outfall 008 drainage ditch sediments was conducted
661 by the U.S. Army in 1992, 1994, and 1999 as part of a RI. These data are presented
662 in the RI Report (ACSIM, 2004).
- 663 ▶ The CTDOT also conducted sediment investigations in the Outfall 008 drainage ditch
664 in August 2012.
- 665 ▶ Background/reference sediment sampling was conducted in 1994, 1999, 2009, and
666 2012.
- 667 ▶ In April and May 2014, additional sediment sampling and toxicity testing were
668 conducted in the Tidal Flats and Outfall 008 drainage area. A description of
669 investigations and findings is presented in the Final Sediment Endpoints Report (Amec
670 Foster Wheeler, 2018a) (**Appendix A-1**).
- 671 ▶ In April 2015, additional sediment sampling was conducted in the Tidal Flats and
672 OF-008 areas, as follows:
 - 673 ○ between the Tidal Flats and the margin of the dredged Housatonic River
674 channel,
 - 675 ○ at depths greater than 2 feet below ground surface (bgs) in the Tidal Flats, and
 - 676 ○ at depths greater than 2 feet bgs in the OF-008 drainage ditch.

677 A description of investigations and findings is presented in the Addendum - Final
678 Sediment Endpoints Report (Amec Foster Wheeler, 2018a) (**Appendix A-2**).

- 679 ▶ In August 2017, limited pre-design investigations collected contaminated sediments
680 from the Tidal Flats to conduct treatability studies for potential land-side re-use of
681 sediments, as well as to characterize the sediments relevant to dredging, disposal,
682 and treatment evaluations. Treatability testing was conducted in accordance with the
683 Feasibility Study Final Field Sampling Plan (FSP) (Amec Foster Wheeler, 2018b). The
684 treatability testing included:



- 685 ○ sediment dewatering, flocculation, solidification/stabilization, disposal
686 characteristics, elutriate characteristics, and geotechnical properties; and
687 ○ evaluation of water treatment technologies to reduce PCBs and metals
688 concentrations in water generated from dewatering of sediments to meet likely
689 effluent discharge standards.

690 Evaluation of the treatability testing data is presented in **Appendix C**. Figure C-1
691 shows the locations of treatability sampling collection efforts.

692 ▶ In October 2017, additional sediment samples were also collected for geotechnical
693 parameter analysis at 10 locations across the Tidal Flats to provide a more
694 comprehensive spatial representation of the material to be removed. Geotechnical
695 samples were collected from depths ranging from 1 to 4 ft bgs and were composited
696 at each location. The grain size analyses associated with the samples are included in
697 **Appendix D** and are summarized in Section 3.0 of **Appendix C** and Table C-6.

698 ▶ In October 2017, additional sediment coring activities were completed to evaluate: 1)
699 the concentrations of total PCBs greater than or equal to 50 mg/kg in the 0-2 ft bgs
700 interval of the Tidal Flats sediments, and 2) concentrations of PCBs at depths between
701 4 and 8 ft bgs near the historic wastewater outfalls which discharged to the Tidal Flats
702 west of the Causeway, as presented in the Final FSP (Amec Foster Wheeler, 2018b).
703 The results of these investigations and the impact on sediment removal quantities is
704 presented in the Addendum to Final Sediment Remediation Endpoints Report (Amec
705 Foster Wheeler, 2018c), which is presented as **Appendix A-2**.

706 The investigations conducted in the Tidal Flats have adequately characterized the contamination
707 in sediments exceeding PRGs and requiring remediation. However, there remains the possibility
708 of residual contamination exceeding background concentrations at depths greater than 4 feet bgs
709 in the Tidal Flats from historic activities at SAEP, as well as former industrial processes along
710 Housatonic River. Future exposure to the potential presence of detectable contamination at
711 depths below 4 feet is not anticipated; however, the Army proposes some limited pre-design
712 sediment characterization in those areas where ERM-Q > 0.5 in the 3-4 foot bgs interval to
713 evaluate those areas to a depth of 6 feet bgs, sampling over the 4-5 ft and 5-6 ft intervals. The
714 proposed characterization program is presented in **Appendix A-3**.

715 **Appendix A-4** contains an evaluation of LiDAR elevation surveys of the Tidal Flats (conducted in
716 2006, 2012, and 2015) encompassing the timeframe of Hurricane Sandy (October 2012) to
717 assess the potential impacts of a severe storm event on the sediments of the Tidal Flats. The
718 primary conclusions of this evaluation are as follows:

- 719 • Between the years 2006 and 2015, the mean elevation of the Tidal Flats surface
720 increased by 0.39 feet.
- 721 • In October 2012, Hurricane Sandy's effects impacted the Connecticut coast, and
722 immediately after the event, a LiDAR elevation survey of the Connecticut coast was
723 conducted.



- 724
- 725
- 726
- The evaluation in **Appendix A-4** provides an estimate of a mean elevation increase across the Tidal Flats of 0.14 feet between 2006 and immediately following Hurricane Sandy in November 2012.
- 727
- However, using an estimated sedimentation rate of 0.07 feet/year (calculated from a comparison of the 2012 and 2015 data sets), the theoretical amount of increase between 2006 and 2012 if Hurricane Sandy had not occurred should have been on the order of 0.42 feet, yielding a maximum theoretical amount of sediment elevation decrease from Sandy of 0.28 feet.
- 728
- 729
- 730
- 731
- Evaluation of LiDAR data by Wood indicates that between 2006 and 2015, the elevation of the Tidal Flats sediments generally increased, with a mean increase of 0.39 feet over the 9-year period inclusive of Hurricane Sandy. Even with the impacts of Hurricane Sandy, these data support that sedimentation processes are occurring within the Tidal Flats.
- 732
- 733
- 734
- 735
- 736
- Using a sedimentation rate of 0.07 ft/yr, it is estimated that it would take roughly 14 years for a 1-foot thickness of new sediment to accumulate on the Tidal Flats. However, this does not consider that if the Tidal Flats were excavated and backfilled to 1 foot below existing grade, the non-equilibrium condition generated by leaving the last 1-foot unfilled would likely increase the rate of sedimentation. Increases in sedimentation rates have been documented at other sediment excavation sites where excavations have not been completely backfilled to grade (<http://www.nae.usace.army.mil/Portals/74/docs/DAMOS/TechReports/186.pdf>).
- 737
- 738
- 739
- 740
- 741
- 742
- 743
- 744

745 **1.3 Summary of Pathway to Sediment Remediation Goals**

746 In October 1995, SAEP was placed on the Base Closure and Realignment (BRAC) list, known as
747 BRAC 95. U.S. Army BRAC properties must be investigated to determine the nature and extent
748 of environmental contamination. The U.S. Army prepared a RI Report (ACSIM, 2004) for the
749 SAEP to characterize the nature and extent of contamination and evaluate potential risk to human
750 health and the environment attributable to the Site.

751 As presented in the RI Report, under the legal and regulatory framework of the CERCLA, remedial
752 action and cleanup standards at SAEP will be primarily driven by the CERCLA §120(a)(4)
753 mandate to meet the legally applicable state laws at non-NPL facilities. Under this mandate, two
754 legally applicable state requirements will drive the remedial actions/cleanup standards at the site:
755 (1) the Connecticut Remediation Standard Regulations (RSRs) for soil and groundwater, and (2)
756 the Connecticut Surface Water Standards. Since these criteria are required to be met, regardless
757 of the presence or absence of unacceptable risk, the risk assessment process in this RI Report
758 serves a modified use other than the traditional use of a risk assessment in a RI Report. For
759 those exposure pathways/media covered by the above applicable requirements, the risk
760 assessment will not be decisive of the need for remedial action. Instead, the exceedance of the
761 RSR standards/surface water standards will determine the need for remedial action. For these
762 exposure pathways/media, the human health and ecological risk assessments in the RI Report



763 will be primarily utilized as a basis to develop alternative criteria under the RSRs, when
764 determined to be pertinent and to clearly demonstrate compliance with the CERCLA
765 protectiveness mandate in the administrative record.

766 The RI Report states that for exposure pathways/media not covered by the above applicable
767 requirements (i.e., sediment and ecological receptors), the risk assessment will be used in the
768 traditional sense to identify media/exposure pathways that require remedial action to meet the
769 CERCLA protectiveness mandate.

770 The RI Report (ACSIM, 2004) utilized the results of the investigations completed prior to 2002 to
771 develop human health and ecological risk assessments to evaluate risk associated with the
772 sediments of the Tidal Flats and Outfall 008 drainage ditch. The Human-Health Baseline Risk
773 Assessment (HHBRA) considered exposure to sediments for recreational and commercial
774 anglers and shell-fishermen (Harding ESE, 2004). The following bullets summarize the HHBRA
775 findings for potential exposure to sediments and consumption of biota:

776 • Tidal Flats:

- 777 ○ Cumulative cancer risks to future recreational visitors (2E-04) and commercial
778 fishermen (2E-04) for consumption of oysters from the Tidal Flats exceed the CERCLA
779 1E-04 total cumulative cancer risk threshold required to take an action.
- 780 ○ Risks associated with potential exposures to chemicals of potential concern (COPCs)
781 in sediment under future recreational use conditions (wading or angling) at the Tidal
782 Flats are 1E-05, and do not exceed the CTDEP cancer risk limit of 1E-05, applicable
783 when evaluating multiple substances.
- 784 ○ Risks associated with hypothetical future commercial fishing for dermal contact and
785 ingestion of sediment from the Tidal Flats are 1E-05, and do not exceed the CTDEP
786 cancer risk limit of 1E-05, applicable when evaluating multiple substances.
- 787 ○ Risks to recreational fishermen associated with consumption of finfish (1E-04) and
788 ribbed mussels (1E-04) at the Tidal Flats exceed the CTDEP cancer risk limit of 1E-
789 05 (applicable when evaluating multiple substances), and an HI of 1, due to PCB
790 Aroclors 1248, 1254, and 1260.
- 791 ○ Risks to hypothetical future commercial fishermen associated with consumption of
792 finfish, ribbed mussels, and oysters taken from the Tidal Flats exceed the CTDEP
793 cancer risk limit of 1E-05 (applicable when evaluating multiple substances), due to
794 PCB Aroclors 1254 and 1260, and arsenic.

795 • Outfall 008:

- 796 ○ Total receptor risks associated with potential exposures to chemicals of potential
797 concern (COPCs) in sediment under future recreational use conditions (child,
798 adolescent, and adult wading) at the Outfall 008 drainage ditch are 8E-06, and do not
799 exceed the CTDEP cancer risk limit of 1E-05, applicable when evaluating multiple
800 substances.



801 ○ The estimated hazard index (HI) value for future recreational use (wading) at the
802 Outfall 008 Drainage ditch does not exceed a value of 1 under the assumption that
803 chromium detected in ditch sediments is present as trivalent chromium (it is likely that
804 the total chromium in the sediments is in the trivalent form because of the anaerobic
805 conditions in this medium).

806 The Baseline Ecological Risk Assessment (BERA) was conducted to characterize ecological risks
807 at the site in accordance with USEPA performance standards for risk characterization (ACSIM,
808 2004). The following bullets summarize the BERA findings for potential risks to ecological
809 receptors in the Tidal Flats and Outfall 008 drainage ditch:

810 • Tidal Flats:

- 811 ○ The BERA indicates that there is no unacceptable risk to macroinvertebrates in the
812 Tidal Flats.
- 813 ○ The results of the BERA indicate that there is no significant risk to forage fish inhabiting
814 the Tidal Flats; tissue concentrations are comparable to tissue concentrations from
815 reference locations.
- 816 ○ At the Tidal Flats, there is no significant risk to the black duck and great blue heron,
817 but a potential risk to sandpipers due to chromium in sediment and mercury (assumed
818 to be methyl mercury) in biota.

819 • Outfall 008:

- 820 ○ There is a potential risk to macroinvertebrates in the Outfall 008 drainage ditch due to
821 inorganics (barium, chromium, and copper) and Aroclor-1260 in sediment.
- 822 ○ At Outfall 008, chromium concentrations in sediment may pose a risk to sandpipers,
823 herons, and ducks if they frequently forage at this location (considered unlikely due to
824 poor habitat quality).

825 Based on the age of the sediment data (1992-1998) associated with the HHBRA and BERA, the
826 CT DEEP requested that, prior to establishment of remedial goals for sediment in the Tidal Flats
827 and Outfall 008 drainage ditch sediments, additional sediment characterization, including toxicity
828 testing, be conducted.

829 In April 2014, the U.S. Army issued the Final Work Plan for Determination of Sediment
830 Remediation Endpoints, Tidal Flats and Outfall 008, Stratford Army Engine Plant, Stratford,
831 Connecticut (AMEC, 2014a). This work plan was reviewed and approved by the CT DEEP. The
832 Work Plan proposed sediment toxicity testing to assist in developing the remediation endpoint
833 goals for the sediments in question and laid out the steps for development of the remediation
834 endpoints. The Final Work Plan also presented some of the historical sediment data referenced
835 above. In April and May 2014, additional sediment sampling and toxicity testing were conducted,
836 and in September 2014 the Army issued the Draft Sediment Remediation Endpoints Report for
837 the Tidal Flats and Outfall 008 (AMEC, 2014b). The report presented the results of sediment
838 chemical characterization, toxicity testing results, and proposed sediment remediation endpoints
839 for the Tidal Flats and Outfall 008 areas. The results of the toxicity testing indicated toxicity to
840 macroinvertebrates from sediment, in contrast to earlier BERA findings, although the toxicity could



841 not be linked to a specific chemical. As an alternative to using toxicity test results alone for
842 development of remediation endpoints, the report presented statistical analyses of the data and
843 proposed using an ERM-Q of 1.0 for the metals cadmium, chromium, and copper, as a surrogate
844 for evaluation of toxicity.

845 On December 2, 2014, the CT DEEP submitted comments on the Draft Sediment Remediation
846 Endpoints Report (AMEC, 2014b). CT DEEP concluded from their review of the report that toxicity
847 is not definitively linked with a specific chemical and recommended setting the remedial goal
848 based on multiple chemicals to more accurately describe the chemical quality associated with the
849 non-toxic samples. CT DEEP's recommendations for determining the sediment remediation
850 endpoint goals were as follows:

- 851 • Use an average ERM-Q of 0.5 for the eight metals arsenic, cadmium, chromium, copper,
852 lead, nickel, silver, and zinc; an average ERM-Q > 0.5 would require remediation.
- 853 • Concentrations of mercury and PCBs should generally not be present in post-remedial
854 conditions.
- 855 • Additional site characterization was needed to refine the area of sediment contamination
856 both at depth within the Tidal Flat and Outfall 008 areas, as well as within surficial and
857 deeper sediments between the eastern edge of the intertidal flats and the Housatonic
858 River.

859 On February 17, 2015, the U.S. Army responded to CT DEEP's comments indicating that they
860 agreed to removal of contaminated sediments with average ERM-Qs > 0.5 from the 0-2 foot bgs
861 interval in both the Tidal Flats and Outfall 008 areas, as well as replacement with CT DEEP-
862 approved backfill.

863 Following further discussions with CT DEEP, the U.S. Army issued a memorandum to CT DEEP
864 on March 24, 2015 indicating that they were committed to proceeding with the additional sampling
865 in a timely manner to ensure redevelopment of the SAEP site without further delay.

866 In April 2015, additional sediment sampling was conducted in the Tidal Flats and Outfall 008
867 areas, as follows:

- 868 • between the Tidal Flats and the margin of the dredged Housatonic River channel,
- 869 • at depths greater than 2 feet bgs in the Tidal Flats, and
- 870 • at depths greater than 2 feet bgs in the Outfall 008 drainage ditch.

871 In November 2015, Amec Foster Wheeler was placed under contract to analyze the sediment
872 samples collected in April 2015, and to incorporate the analytical results into a revised version of
873 the Sediment Remediation Endpoints Report. The revised Sediment Remediation Endpoints
874 Report was issued to the U.S. Army on July 29, 2016, and to the CT DEEP on March 7, 2017.

875 On May 17, 2017, the U.S. Army received comments from the CT DEEP on the Sediment
876 Remediation Endpoints Report. These comments, and responses from the U.S. Army, are
877 included as Appendix F of the Final Sediment Remediation Endpoints Report (Amec Foster



878 Wheeler, 2018a) (**Appendix A-1**). Because of CT DEEP and USEPA comments, the U.S. Army
879 developed a Field Sampling Plan (Amec Foster Wheeler, 2018c) to conduct sediment sampling
880 and analyses in the Tidal Flats to further delineate:

- 881 • concentrations of PCBs from 0-2 feet bgs at locations where total PCBs have been
882 detected at concentrations exceeding 50 ppm; and
- 883 • concentrations of PCBs and Hg at depths between 4 and 8 feet bgs near the historic
884 wastewater outfalls which discharged to the Tidal Flats west of the Causeway.

885 The results of these investigations and the impact on sediment removal quantities is presented in
886 the Addendum to Final Sediment Remediation Endpoints Report (Amec Foster Wheeler, 2018b),
887 which is presented as **Appendix A-2**.



888 **2.0 REMEDIAL ACTION OBJECTIVES AND APPLICABLE OR RELEVANT**
889 **AND APPROPRIATE REQUIREMENTS**

890 This section presents ARARs, development of PRGs, RAOs, and development of areas and
891 volumes of media to be remediated for the Tidal Flats (AOC 52) and the OF-008 Drainage Ditch
892 (AOC 25).

893 **2.1 Applicable or Relevant and Appropriate Requirements**

894 The CERCLA, the Superfund Amendments and Reauthorization Act, and the NCP require that
895 on-site Superfund remedial actions attain federal standards, requirements, limitations, or more
896 stringent state standards determined to be legally applicable or relevant and appropriate to the
897 circumstances at a given site. ARARs are federal and state environmental and facility siting
898 requirements and guidelines used to:

- 899 ▶ evaluate the appropriate extent of site cleanup;
- 900 ▶ define and formulate remedial action alternatives; and
- 901 ▶ govern implementation and operation of the selected action.

902 Inherent in the interpretation of ARARs is the assumption that protection of human health and the
903 environment is ensured.

904 Numerous federal and state laws and their implementing regulations were reviewed to identify
905 ARARs for potential cleanup levels and other action- and location-specific requirements for the
906 site. This section defines ARARs and discusses specific laws and regulations that were
907 considered as potential ARARs as they apply to remedial actions to be applied to this Project.
908 Relevant federal and state guidance documents were also reviewed as potential To Be
909 Considered criteria. **Figure 2-1** presents the USACE ARAR Logic Flowchart that provides the
910 method for determining if a regulation is an ARAR. The NCP defines two ARAR components: (1)
911 applicable requirements; and (2) relevant and appropriate requirements. To properly consider
912 ARARs and to clarify their function in the remedy selection process, these definitions must be
913 considered.

914 CERCLA considers **applicable** requirements to include cleanup standards, standards of control,
915 and other substantive requirements, criteria, or limitations promulgated under federal
916 environmental or state environmental or facility siting laws that specifically address a hazardous
917 substance, pollutant, contaminant, remedial action, location, or other circumstance found at a
918 CERCLA site.

919 **Relevant and appropriate** requirements include those cleanup standards, standards of control,
920 and other substantive requirements, criteria, or limitations promulgated under federal
921 environmental or state environmental or facility siting laws that, while not “applicable” to a
922 hazardous substance, pollutant, contaminant, remedial action, location, or other circumstance at



923 a CERCLA site, address problems or situations sufficiently similar to those encountered at the
924 CERCLA site such that their use is well suited to the particular site.

925 CERCLA considers three types of ARARs:

926 ▶ **Location-specific ARARs** are requirements driven by the geographical or physical
927 position of the site, rather than by the nature of the chemicals of concern or the actions
928 at the site. Location-specific ARARs are typically restrictions or requirements placed
929 on the concentration of hazardous substances or the conduct of activities solely
930 because they occur in a specific location.

931 ▶ **Chemical-specific ARARs** are laws and regulations that identify health- or risk-based
932 numerical values that, when applied to site-specific conditions, result in the
933 establishment of concentration cleanup limits for specific hazardous substances.
934 These limits establish the acceptable amount or concentration of a chemical that may
935 be found in, or discharged to, the environment.

936 ▶ **Action-specific ARARs** are requirements that define acceptable performance,
937 design, or other similar controls or restrictions imposed on particular kinds of activities.
938 Action-specific ARARs are usually technology- or activity-based requirements.

939 In general, chemical- and location-specific ARARs provide a basis for determining the objectives
940 and goals of remedial action for the site, whereas action-specific ARARs provide a basis for
941 determining how the remedial action will be implemented.

942 **Table 2-1** provides a list of the ARARs that have been evaluated and determined to be relevant
943 to the screening and evaluation of remedial alternatives based on site conditions and results of
944 the RI and other investigations. The selected remedial alternative will be implemented in
945 accordance with the substantive requirements of all applicable federal, state, and local regulations
946 and permitting requirements to the extent practicable. The ARARs provide the location-,
947 chemical-, and action-specific requirements relevant to the alternatives identified in the FFS only
948 – ARARs for the actual selected remedy may differ and will need to be evaluated upon remedy
949 selection, design, and implementation.

950 Several regulations will be followed during the implementation of the selected remedy but are not
951 ARARs. For example, RCRA is not an ARAR as RCRA pertains to the potential off-site disposal
952 and ARARs are on-site requirements only. RCRA requirements, among others, will be followed
953 in the transport and disposal of residual materials off-site. However, as RCRA and several other
954 regulations do not impact the FFS, these regulations are not ARARs and are not included in the
955 FFS; however, are provided in **Table 2-1** for information purposes only.

956 Similarly, OSHA is not identified as an ARAR; however, all work conducted by USEPA or work
957 completed under Superfund must be OSHA-compliant.

958 Other requirements that will be followed during the implementation of the remedial action that are
959 not ARARs include the Endangered Species Act and the National Historic Preservation Act;



960 however, the USACE will coordinate wetland activities with the local jurisdictions to meet
961 substantive requirements.

962 **State and Federal-listed Species.** On April 23, 2018, CT DEEP sent a letter to Amec Foster
963 Wheeler regarding the impact of the proposed remediation on State-listed species (Appendix B).
964 The letters signee, Shannon B. Kearney (Wildlife Biologist), stated that based on the review of
965 Natural Diversity Data Base maps and files, the proposed activities are not anticipated to
966 negatively impact State-listed species. This review is based on the current scope of work and is
967 viable for work started before April 23, 2020.

968
969 CENAE has coordinated with USFWS and NMFS regarding impacts of the proposed project on
970 federally listed species under Section 7 of the Endangered Species Act of 1973 (16 U.S.C § 1531
971 et seq.) and that correspondence will be completed during final design.

972
973 **Time-of-Year Restrictions.** There are three potential time-of-year dredge restrictions that are
974 of concern based upon informal consultation discussions with State and Federal resource
975 agencies including:

- 976
977
 - winter flounder spawning (February 1st- May 31st);
 - anadromous fish migration (March 1st - June 30th);
 - oyster spawning (June 1st - October 1st).

980
981 If implemented, these dredge restriction periods would occur annually over the life of the project
982 and would allow for a four-month work window (October 1st through January 31st). For purposes
983 of cost and schedule estimation, it has been assumed that the allowable work window will be
984 from July 1st through January 31st assuming the oyster spawning window can be eliminated.
985 Suspended sediment produced during dredging would be contained to the immediate dredge
986 area (tidal flats) in accordance with the approved turbidity monitoring, management, and
987 maintenance program and would not have a substantial impact on oyster resources that are
988 harvested within the main river channel of the Housatonic River. Also, oysters are well adapted
989 to withstand temporary increases in suspended sediments and sedimentation within the main
990 river channel is not likely to exceed levels experienced during natural storm events.

991
992 Based on USACE analysis of these environmental resources, remedial dredging should be
993 conducted without any time-of-year restrictions to ensure project impacts do not span multiple
994 seasons. In addition, if completion of the work is compressed into no more than one or two
995 seasons, the disturbed habitat can be recolonized and utilized by local fauna much more quickly
996 than if work must extend into three or more seasons.

997
998 **2.2 Preliminary Remediation Goals**

999 A summary of the pathway to determination of sediment remedial goals is presented in Section
1000 1.3 of this FFS Report. The PRGs for the Tidal Flats sediments are as follows:

- 1001
 - ▶ Sample locations with an average ERM-Q value greater than or equal to 0.5 for eight

1002 metals will be excavated, and



1003 ▶ PCB and mercury concentrations after remediation will be not substantially different
1004 from those found in reference locations.

1005 As presented in the Final Sediment Remediation Endpoints Report, the U.S. Army has agreed
1006 with CT DEEP to remediate the entire length of the OF-008 drainage ditch (inclusive of the “T”
1007 section extending to Route 113 to the southwest and Marine Basin to the northeast) to a depth
1008 of 4 ft bgs.

1009 **2.3 Remedial Action Objectives**

1010 Remedial action objectives are specific goals for protecting human health and the environment
1011 and ecological receptors that also define a framework for remediation sites. The following RAO
1012 was identified for the Tidal Flats:

1013 ▶ Reduce risk to the environment by reducing sediment toxicity in the top 4 ft of sediment
1014 by removing sediment with average ERM-Q values greater than or equal to 0.5 for
1015 eight Site-related metals (arsenic, cadmium, chromium, copper, lead, nickel, silver,
1016 and zinc);

1017 By achieving this RAO, total PCBs and mercury remaining within the footprint of the removal area
1018 will be at concentrations not substantially different than those found in reference locations (0.2
1019 ppm for total PCBs and 0.4 ppm for mercury). As presented in Appendix A-2, the mean and 95%
1020 UCL concentrations of total PCBs and mercury remaining following the proposed removal of
1021 sediment within the ERM-Q > 0.5 footprint are less than the CT DEEP-proposed background
1022 concentrations of 0.2 and 0.4 ppm, respectively.

1023 In addition, cancer risks for future recreational and commercial fishermen and anglers from
1024 multiple PCB Aroclors and arsenic in Tidal Flats sediments as identified in the HHRA (ACSIM,
1025 2004) will be reduced and are anticipated to be well below the CT DEEP cancer risk limit of 1E-05,
1026 applicable when evaluating multiple substances, in post-removal conditions.

1027 The following RAOs were identified for the OF-008 Drainage Ditch:

1028 ▶ Reduce risk to the environment by reducing sediment toxicity in the top 4 ft of sediment
1029 by removing all sediments along the entire length of the OF-008 drainage ditch
1030 (inclusive of the “T” section extending to Route 113 to the southwest and Marine Basin
1031 to the northeast) to a depth of 4 ft bgs.

1032 Potential risk to sandpipers due to chromium in sediment and mercury (assumed to be methyl
1033 mercury) in biota as identified in the BERA (ACSIM, 2004) will be significantly reduced by the
1034 proposed removal of sediments in the Tidal Flats and Outfall 008 drainage ditch.

1035 It is important to note that the RAOs incorporate the U.S. Army’s overarching objective to eliminate
1036 to the extent feasible any long-term liability for contamination remaining on the Site within the
1037 Tidal Flats and the Outfall 008 drainage ditch. The U.S. Army has placed emphasis on remedial
1038 actions that reduce ecological risk through **removal** of sediment rather than those actions that
1039 rely upon containment, consolidation, or only in situ treatment of sediments within AOCs 25 and



1040 52. By removing sediments exceeding PRGs and achieving the RAOs, the U.S. Army would
1041 eliminate any requirements to perform long-term monitoring and maintenance of the remedy.
1042 Consistent with this strategy, remedial approaches that have been screened out at the very first
1043 steps of the alternatives development process prior to the detailed evaluation include:

- 1044 • Monitored Natural Recovery
- 1045 • Containment; and
- 1046 • In Situ Treatment.

1047 These RAOs and the U.S. Army's preference for removal were used to guide the screening of
1048 suitable technologies, as well as the development and evaluation of remedial action alternatives
1049 in Sections 5 and 6 of this FFS in accordance with CERCLA.

1050 **2.4 Areas and Volume of Media (Tidal Flats and Outfall 008 Ditch)**

1051 **2.4.1 Tidal Flats**

1052 The proposed remedial footprint for Tidal Flats sediments, and the rationale for its selection, is
1053 presented in **Appendix A-2**. Sediments with average ERM-Q values greater than or equal to 0.5
1054 were considered to require remediation. For each depth interval, interpolated areas of sediments
1055 with average ERM-Q values greater than or equal to 0.5 were drawn. Total PCB (both Aroclors
1056 and Homologs) data from 1992 through 2017 were plotted by depth interval to evaluate total PCB
1057 concentrations relative to the average ERM-Q based remedial footprint (**Appendix A-2**). In
1058 addition, the interpolated areas of PCB concentrations between 1 and 50 ppm, and > 50 ppm
1059 were drawn. Figures of total mercury data from 1992 through 2017 were created by depth interval
1060 to evaluate mercury concentrations relative to the average ERM-Q based remedial footprint
1061 (**Appendix A-2**).

1062 **Figure 2-2** represents the proposed remediation footprint for the Tidal Flats based on the
1063 conclusions of **Appendix A-2**. As depicted in the **Figure 2-2**, approximately 47 acres of tidal flats
1064 area require remediation ranging from one to four ft of sediment removal. A majority of the area
1065 (approximately 38 acres) requires one or two feet of removal, with the remaining ten acres
1066 requiring three or foot ft of sediment removal. No remediation is proposed below 4 ft bgs, as there
1067 are no average ERM-Q values > 0.5, and no concentrations of PCBs or mercury exceeding CT
1068 DEEP-proposed background concentrations of 0.2 and 0.4 ppm, respectively (see **Appendix A-**
1069 **2**).

1070 **Figure 2-3** through **Figure 2-6** represent the remediation footprints of PCBs at concentrations
1071 greater than 1 and less than 50 ppm, and greater than or equal to 50 ppm within the Tidal Flats.
1072 **Figures 2-7** and **Figure 2-8** represent cross-sections of the Tidal Flats where the section lines
1073 are shown on **Figure 2-2**. **Table 2-2** presents a summary of the estimated volume of in-place
1074 sediments proposed for removal from the Tidal Flats Area, which totals approximately 139,400
1075 cy. For purposes of compliance with TSCA and for categories of on-site beneficial reuse and off-
1076 site disposal, the sediments have been categorized according to three ranges of PCB



1077 concentrations: less than 1 mg/kg PCBs, greater than or equal to 1 mg/kg but less than 50 mg/kg
1078 PCBs, and greater than or equal to 50 mg/kg PCBs. Most of this volume of sediment contains
1079 PCBs at concentrations less than 1 mg/kg PCBs (130,500 cy). A relatively small volume contains
1080 PCBs between 1 and 50 mg/kg (8,500 cy), and a very small amount contains PCBs greater than
1081 or equal to 50 mg/kg (400 cy). Sediments containing greater than or equal to 1.0 ppm PCBs are
1082 regulated under TSCA at this facility.

1083 **2.4.2 OF-008 Drainage Ditch**

1084 As discussed with CT DEEP, the U.S. Army agreed to remediate the entire length of the OF-008
1085 drainage ditch to a depth of 4 ft bgs (Amec Foster Wheeler, 2018a). The proposed remedial
1086 footprint for the 0-4 foot depth interval and cross-sections are depicted in **Figure 2-9** through
1087 **Figure 2-15**. The proposed PCB remedial footprint for concentrations greater than or equal to 1
1088 and less than 50 ppm is shown on **Figures 2-10** and **2-11**. **Table 2-3** presents a summary of the
1089 estimated volume of in-place sediments proposed for removal from OF-008 drainage ditch, which
1090 totals approximately 4,900 cy. Approximately 3,800 cy of this volume contains PCBs at
1091 concentrations less than 1 mg/kg. The remainder of the volume (1,100 cy) contains PCBs at
1092 concentrations less than 50 mg/kg but greater than or equal to 1 mg/kg.



1093 **3.0 IDENTIFICATION AND SCREENING OF TECHNOLOGY TYPES AND**
1094 **PROCESS OPTIONS**

1095 This section identifies and screens potential remedial technologies that will be combined into
1096 remedial alternatives to address impacted sediment at the Site. Following identification,
1097 candidate technologies are screened based on their applicability to site- and contaminant-limiting
1098 characteristics. Site-limiting characteristics consider the effects of physical features on the
1099 implementability of a technology, such as topography/bathymetry, geology, and available space
1100 and resources to implement the technology. Contaminant-limiting characteristics consider the
1101 suitability of a technology based on contaminant types, as well as physical and chemical
1102 properties of the waste (e.g., grain size, organic carbon content, volatility, solubility, and mobility).

1103 The process to identify and screen technologies includes the following steps:

1104 1. First, GRAs with potential to attain the RAOs established in Section 2 were identified.
1105 GRAs are broad categories of remedial actions or strategies that may be appropriate to
1106 reduce site risks. Section 3.1 below lists the GRAs identified for the project. To eliminate
1107 those GRAs that will not meet the RAOs and avoid the unnecessary step of also identifying
1108 and screening technologies that fall under those GRAs, an initial screening step of GRAs
1109 only was performed. This screening step is presented in **Table 3-1** and summarized below
1110 in Section 3.1. This approach is consistent with the U.S. Army's approach to minimizing
1111 long-term liability and maintenance activities at the Site.

1112 2. Next, an extensive list of potential technologies representing each remaining GRA was
1113 developed based on experience with similar studies, site media, and contaminant-driven
1114 considerations. Remediation technologies are grouped by category in
1115 **Table 3-2**, with individual technology process option(s) identified. Demonstrated
1116 performance of each technology for site contaminants and conditions is considered during
1117 technology identification.

1118 3. Lastly, the resulting list of potential technologies was then screened against the
1119 effectiveness, implementability, and criteria. Costs at this stage of the process are
1120 generally defined in relative terms only (i.e., high, medium, and low), rather than
1121 quantitatively, and are generally not used to screen out technologies; however, costs can
1122 be used to differentiate between similar process options to aid in selection of appropriate
1123 process options to carry forward into alternatives development. Site- and waste-limiting
1124 characteristics are identified under these criteria to ensure that only the most promising
1125 technologies are carried forward into alternatives development. Additionally, to refine the
1126 development of site-wide remedial alternatives with technologies that have multiple
1127 process options, only the most promising process options applicable to each GRA are
1128 carried forward. This process ensures that only those technologies and process options
1129 applicable to Site contaminants, with consideration of the physical characteristics of the



1130 Tidal Flats and OF-008 drainage ditch are carried forward for combination into remedial
1131 alternatives.

1132 **3.1 General Response Actions**

1133 GRAs are broad categories of remedial actions that may be implemented to attain RAOs by
1134 reducing contaminant concentrations in each medium below the PRGs, preventing receptor
1135 exposure to the contaminated medium, or monitoring the natural attenuation of contaminants.

1136 Potential GRAs for the Tidal Flats and OF-008 include:

- 1137 ▶ Institutional Controls
- 1138 ▶ Monitored Natural Recovery
- 1139 ▶ Containment
- 1140 ▶ In situ Treatment
- 1141 ▶ Removal
- 1142 ▶ Material Transport
- 1143 ▶ Material Dewatering and Processing
- 1144 ▶ Disposal
- 1145 ▶ Habitat Restoration

1146 Brief descriptions of these GRAs are included in **Table 3-1**.

1147 Monitored natural recovery (MNR), containment, and in-situ treatment were eliminated because
1148 these GRAs would not remove targeted sediments and would leave the U.S. Army with long-term
1149 obligations such as monitoring and maintenance. The U.S. Army's objective for the sediment
1150 remediation is to eliminate future liability for any contamination left in place at the Site, and to
1151 transfer that liability to the future property owner for any sediments placed within the uplands
1152 portion of the site for beneficial reuse. Institutional controls have been retained only as an ancillary
1153 (not primary) component (to the extent necessary) of all remedial alternatives. Habitat restoration
1154 has been retained for the OF-008 drainage ditch and the salt marshes of the Tidal Flats, which
1155 will require revegetation and restoration. The remainder of the Tidal Flats will require simple
1156 backfill to restore the remediation footprint to a depth of 1 foot below the pre-remediation
1157 elevation.

1158 The following subsections describe in more detail the rationale for screening out MNR,
1159 Containment, and In Situ Treatment.

1160 **3.1.1 Monitored Natural Recovery**

1161 MNR is one of the three main remedial alternatives for contaminated sediment recognized by US
1162 EPA that are typically addressed at sediment sites (removal "dredging" and capping "containment"
1163 are the others). MNR relies upon ongoing, naturally occurring processes to contain, destroy, or



1164 reduce the bioavailability or toxicity of contaminants in sediment. These processes can convert
1165 contaminants to less toxic forms (biodegradation), bind contaminants more tightly to sediment
1166 (sorption), or bury contaminated sediment beneath clean sediment (sedimentation). For this Site,
1167 natural sedimentation is generally the process which constitutes MNR. Long-term monitoring with
1168 sediment sampling occurring at a set frequency (i.e., quarterly, semi-annual, and/or annual) is
1169 required as part of MNR to document reduction in sediment concentrations through deposition of
1170 incoming “cleaner” sediment, and/or dilution to reduce concentrations of impacted sediments.

1171 MNR would not immediately remove or reduce contaminant concentrations and would therefore
1172 not meet the U.S. Army’s preference for actions that eliminate long-term monitoring and
1173 maintenance at the Site. For these reasons, MNR will not be considered for further evaluation.

1174 **3.1.2 Containment**

1175 Like MNR, contaminated sediments exceeding PRGs would not be removed; rather, an
1176 engineered barrier would be placed over the contaminated sediments to isolate them and prevent
1177 migration of contamination. Caps are typically designed with several layers depending on
1178 contaminant concentration(s) and type(s), migration of contamination, erosion potential, and
1179 ecological considerations such as appropriate substrate. An isolation layer to provide physical
1180 separation between contaminated sediment and the bioturbation zone may be a component.
1181 Additionally, a chemical treatment layer consisting of an aggregate material, such as sand treated
1182 with a chemically active treatment material such as activated carbon or other specialty media,
1183 may be a cap component. Above this layer, an erosion protection layer may be required to prevent
1184 the loss of upper layers of the chemical isolation or treatment zones. The erosion layer may have
1185 more than one material type depending on the gradation compatibilities. Finally, a bioturbation
1186 zone is typically required to re-establish habitat for benthic and other organisms.

1187
1188 Typically, some amount of removal of contaminated sediments is required to “fit” the cap without
1189 filling the waterway. The depth of removal depends on the design thickness of each of the layers
1190 required for the cap.

1191
1192 Containment, as a GRA, has been screened from further consideration because removal of
1193 sediments exceeding PRGs to a depth of four feet would not be accomplished. Under this GRA,
1194 long-term liability would not be eliminated for the U.S. Army because some amount of sediments
1195 exceeding the PRGs would remain on the Site, obligating the U.S. Army to perform long-term
1196 monitoring and maintenance of the cap. For these reasons, containment has been eliminated
1197 from further consideration.

1198 **3.1.3 In Situ Treatment**

1200 In-situ treatment relies on the use of amendments dispersed on top of sediment to create a
1201 shallow treatment zone. Within this shallow treatment zone, the amendments alter the physical
1202 or chemical properties of the sediment, porewater, and/or contaminants to reduce the
1203 bioavailability of contaminants to benthic organisms. In situ treatment can be effective to interrupt
1204 processes of bioaccumulation to protect higher level organisms. In situ treatment has been well
1205 demonstrated for PCBs and some metals; however, it is a relatively recent technology that has



1206 not been extensively used. Multiple applications of in situ treatment amendments are likely
1207 required over time to ensure effectiveness.

1208
1209 In situ treatment would not include any removal of contaminated sediments, and for reasons
1210 similar to those for containment and MNR (i.e., long-term liability and monitoring and maintenance
1211 required by the U.S. Army), it has been eliminated from further consideration in this FFS.

1212 **3.2 Technology Identification**

1213 Remedial technologies and process options were identified for the remaining GRAs based on a
1214 review of engineering experience, literature, vendor information, and past performance data.
1215 Process options with the potential to attain RAOs are identified in **Table 3-2** which also further
1216 identifies the applicability of technologies to the Tidal Flats and OF-008 drainage ditch
1217 remediation.

1218 **3.3 Screening of Technologies**

1219 The purpose of the screening step is to reduce the number of potentially applicable technologies
1220 and process options by evaluating factors that may influence effectiveness, implementability, and
1221 relative cost. This overall screening is consistent with guidance for performing FSs under
1222 CERCLA (USEPA, 1988). **Table 3-2** summarizes the technology screening process.

1223 Technologies and process options judged ineffective, not implementable or too difficult to
1224 implement, or too costly were eliminated from further consideration. The technologies retained
1225 following screening represent the inventory of technologies considered most suitable for removal,
1226 processing, and final disposition of sediment at the Site. Technologies/process options retained
1227 in this section may be used either alone or integrated with other technologies to provide site wide
1228 remedial alternatives.

1229 The rationales for including or eliminating each technology are described in more detail below.

1230 **3.3.1 Removal**

1231 Several removal technologies applicable to both the Tidal Flats and the OF-008 drainage ditch
1232 were evaluated. These technologies included mechanical dredging², hydraulic dredging,
1233 amphibious dredges, and traditional excavation, as well as ancillary support technologies such
1234 as debris removal, turbidity control, and temporary dams. These technologies are described in
1235 additional detail below and in the Dredging Alternatives Evaluation (**Appendix E**). **Appendix E**
1236 provides a detailed evaluation of hydraulic dredging, precision mechanical dredging, precision
1237 mechanical dredging by hydraulic transport of sediments, amphibious dredging, and long-reach
1238 terrestrial excavation (see **Table 7** of **Appendix E** for a comparison). Technical details associated

² All mechanical dredging discussed in this FFS refers to dredging equipment that utilizes precision level cut sealed environmental dredging buckets and GPS positioning software to ensure accurate removals with low potential for resuspension and residuals generation.



1239 with each of those removal approaches are presented in detail in **Appendix E**, which form the
1240 basis for the screening evaluation presented in this Section.

1241 **3.3.1.1 Mechanical Dredging**

1242 Mechanical dredging is a presumptive remedial technology for contaminated sediments.
1243 Mechanical dredging removes impacted sediments from the area of concern within a waterway
1244 by using direct mechanical force to dislodge and contain the material. Heavy equipment (various
1245 sizes of excavators and cranes) are mounted onto a barge and used to excavate the area of
1246 concern using precise global positioning system (GPS) guided equipment for horizontal and
1247 vertical accuracy. The dredge area can also be dewatered, and the sediment removed
1248 mechanically in a dry environment using sheet pile, Portadam, muscle walls, or Aqua-Barrier®
1249 (see below under “Excavation”). Alternatively, these methods can also be used to keep water
1250 levels high in areas subject to fluctuating water levels (e.g., tidally influenced shallow areas)
1251 allowing water-based equipment to operate throughout the tidal cycle.

1252 Removed sediments are typically placed on a materials barge where they are temporarily
1253 stockpiled to allow water to be collected and treated through a water treatment system. Once the
1254 bulk of the water has been collected, treated and discharged within the environmental barriers,
1255 the sediments are transported to a land transfer facility for additional processing. Sediments are
1256 then further dewatered (if necessary) and then treated with a drying agent (typically Portland
1257 cement) to reduce the moisture content of sediments to an allowable limit and improve strength
1258 and handling characteristics for off-site transportation and disposal. In some cases, sediments
1259 are treated directly within the barge following initial dewatering. The sediments are then conveyed
1260 from the processing facility into barges or trucks for off-site disposal or beneficially re-used on-
1261 site as fill materials. If mechanically dredging in the dry, access roads within the dredge area
1262 would be constructed to allow direct loading of sediments into trucks for hauling to the
1263 processing/disposal area.

1264 Due to Site constraints, a sediment processing and off-loading bulkhead will be required, or an
1265 off-site shipping yard will need to be used for all waterway access, sediment processing,
1266 transportation and disposal. Tide information, bridge clearances, navigation channels, and
1267 underwater utility locations are important considerations in mechanical dredging projects and
1268 must be identified and considered during the remedial design. Proximity to local shipping yards
1269 and coordination with harbor masters is also a consideration during mechanical dredging of
1270 materials.

1271 Mechanical dredging has been retained for further consideration for the Tidal Flats.

1272 The OF-008 drainage ditch has limited water access due to the tidal gate and is very narrow in
1273 certain portions of the ditch making it difficult to navigate a barge. For these reasons, mechanical
1274 dredging has been screened out for OF-008.



1275 **3.3.1.2 Debris and Large Material Removal**

1276 This step is typically required before hydraulic dredging if significant oversize debris or other
1277 objects are present. Removal may also be necessary prior to mechanical dredging depending on
1278 potential for interference with bucket operation. Sediment is first sifted with rakes, grapples, or
1279 an excavator bucket to remove interfering debris which is then and placed on barges. Debris is
1280 then transported to land for further processing and off-site disposal. Removal allows for more
1281 efficient dredging operations.

1282
1283 Debris is not believed to be a significant concern within the Tidal Flats based on observations of
1284 the site and anecdotal information obtained during discussion with on-site maintenance staff who
1285 know site history.

1286
1287 Limited debris removal has been retained for inclusion in the remedial alternatives due to its
1288 potential applicability.

1289 **3.3.1.3 Hydraulic Dredging**

1290 Hydraulic dredging uses mechanical cutting action to dislodge sediment and a pump to create
1291 suction at the dredge head to remove and transport sediment in a slurry form. The dredged
1292 material is usually pumped through a pipeline to a settling lagoon or tank (typically on land).
1293 Environmental dredging using hydraulic dredges typically produces slurries between
1294 approximately 5 and 10% solids by weight. A “cutter head” hydraulic dredge is commonly used to
1295 apply mechanical force to dislodge the sediments for removal by the dredge pump. In some cases
1296 when the sediment is particularly loose, suction alone is sufficient to transport sediments and a
1297 cutter head is not necessary. The slurry requires extensive dewatering and additional process
1298 prior to on-site beneficial reuse or off-site disposal of the dredged materials. This is often
1299 accomplished using settling tanks, mechanical filter presses, Geotubes, and stabilization agents
1300 and may require multiple steps. Water generated during dredging and dewatering of the slurry is
1301 typically treated and discharged back to the dredge area. Hydraulic dredging typically generates
1302 water flow rates 10 to 100 times that of mechanically dredged sediments due to the much lower
1303 percent solids slurry.

1304 Debris can be a concern with hydraulic dredging due to its potential to clog the suction head or
1305 impede cutting action. Significant debris is not expected at the Tidal Flats.

1306 Hydraulic dredging has been retained for further evaluation for the Tidal Flats.

1307 The OF-008 drainage ditch has limited water access due to the tidal gate and is very narrow in
1308 certain portions of the ditch making it difficult to navigate a barge. For these reasons, hydraulic
1309 dredging has been screened out for OF-008.



1310 **3.3.1.4 Mechanical Excavation**

1311 Traditional or specialized low ground pressure excavation equipment can be used to remove
1312 nearshore sediments or sediments that can support heavy equipment with or without constructed
1313 access roads. Standard excavation would occur “in the dry,” i.e., at low tide or when the water
1314 body is in an engineered dewatered condition. Standard reach or long-reach excavation
1315 equipment can be used to access sediments. Traditional equipment is particularly applicable for
1316 the removal of sediments along the perimeter of the Tidal Flats and for the entire length of the
1317 OF-008 drainage ditch.

1318
1319 Traditional excavation has been retained for further evaluation for use along the perimeter of the
1320 Tidal Flats (equipment staged along the dike and Causeway) and the OF-008 drainage ditch
1321 (equipment staged at the top of bank).

1322 **3.3.1.5 Amphibious Dredging**

1323 Specialty amphibious dredging equipment can combine elements of mechanical and hydraulic
1324 dredging and traditional excavation. The advantage of this equipment is its ability to work longer
1325 throughout the tidal cycle on the mud flats. However, because of the potential to generate
1326 excessive turbidity and the soft nature of the sediments, amphibious dredging has been screened
1327 from further consideration.

1328 **3.3.1.6 Temporary Dams**

1329 These technologies include both pre-packaged available proprietary systems (e.g., Portadam,
1330 AquabARRIER®, and Muscle Wall) and site-specifically engineered systems (sheet pile walls or
1331 earthen dams). These structures are installed within waterways to control water, either to keep
1332 water levels high (e.g., to allow mechanical dredging in areas subject to tidal fluctuations), or to
1333 keep water levels low (e.g., to allow excavation in the dry either in the Tidal Flats or for the OF-008
1334 drainage ditch). Proprietary systems offer the advantage that they are easily deployed and require
1335 little engineering; however, these systems are feasible only in limited circumstances – water
1336 depth, current, wave action, or tidal fluctuation all impact their applicability.

1337
1338 Alternatively, engineered systems such as sheet pile and earthen berms can be scaled to almost
1339 any size and configuration to handle a much wider variety of site conditions including deeper
1340 water, currents, tides, and wave action.

1341
1342 Therefore, only sheet pile (Tidal Flats and OF-008) and earthen dams (OF-008) have been
1343 retained for further evaluation.

1344 **3.3.1.7 Engineering Controls**

1345 Additional engineering controls are typically required for dredging projects. Turbidity barriers,
1346 wave attenuators, and fish barriers have been identified as relevant to operations at the SAEP.
1347 Turbidity barriers include both silt curtains and harder structures such as cofferdams. A full-length
1348 silt curtain (Type II or Type III) would be appropriate to contain resuspended sediments and



1349 manage water quality impacts. Properly installed and maintained silt curtains can be very
1350 effective at reducing water quality impacts.

1351
1352 An installed sheet pile cofferdam would essentially eliminate the possibility of resuspended
1353 sediment from leaving the work area through complete physical separation. The sheet pile
1354 cofferdam would be installed to completely enclose the work area, beginning in a line parallel to
1355 the breakwater, and running just outside of the work zone beyond the Causeway, and then
1356 terminating at shore to the east of the Causeway.

1357
1358 Wave attenuators dissipate the energy from wave action entering the work zone, from either
1359 vessel induced wake or wind driven waves. These structures allow the dredge plant to operate
1360 more efficiently by reducing the wave impacts on the dredge and appurtenant equipment.

1361
1362 These technologies are all retained for further evaluation for the Tidal Flats. Sheet pile cofferdams
1363 have been retained to segregate work areas and control water at OF-008.

1364
1365 **3.3.2 Material Transport**

1366 Several modes of transportation of removed sediment are applicable, including barge transport,
1367 pneumatic flow tube mixing (PFTM), hydraulic slurry transport, and truck transport.

1368 **3.3.2.1 Barge/Scow**

1369 A barge/scow is a flat-bottomed boat with a rectangular hull that is used to decant, store, and
1370 transport mechanically dredged sediments. During mechanical sediment removal, a barge/scow
1371 is kept near the mechanical dredge barge and dredged sediment is placed in the adjacent
1372 barge/scow. Water is then decanted from the sediment within the dredge footprint. Once the
1373 barge/scow is full it is transported to the off-loading facility for sediment removal and returned to
1374 the dredging area to be reloaded.

1375 In addition, barge transport can be used to transport sediments directly to an off-site sediment
1376 processing facility following dredging. This method avoids the need to build significant on-site
1377 infrastructure for sediment processing. There are several sediment processing facilities operating
1378 within the greater New York/New Jersey area that are within an economically feasible transport
1379 distance. Following transport to the off-site sediment processing facility, sediments are off-loaded
1380 and further processed as necessary in accordance with facility permits and transported via truck
1381 or rail to off-site permitted locations for either disposal in a landfill or beneficial reuse. Clean Earth
1382 operates several of these types of processing facilities Kearny, Carteret, and Jersey City, NJ.

1383 Barge transport has been retained for further evaluation for the Tidal Flats. The OF-008 drainage
1384 ditch has limited water access due to the tidal gate and is very narrow in certain portions of the
1385 ditch making it difficult to navigate a barge. For these reasons, barge transport has been screened
1386 out for OF-008.



1387 **3.3.2.2 Pneumatic Flow Tube Mixing**

1388 In PFTM, dredged sediment is first placed in a hopper barge, and then fed into a transport pipe
1389 where the sediment is pushed along in “plugs” by pockets of air pumped into the pipeline. An
1390 injection port is used to inject a Portland cement slurry into the moving sediment. The amendment
1391 (typically Portland cement) and sediment mix within the transport pipe through the agitation
1392 created by the pneumatic pumping. The mixed sediment and cement are then discharged to
1393 selected locations for final placement for beneficial reuse on-site.

1394 This material transport method reduces the need for upland processing of sediment and creates
1395 a more stable material with significant strength that can be used in various capacities as fill
1396 material on site. PFTM also reduces or eliminates the need for water treatment. There is only
1397 one known commercially viable vendor for this process on the East Coast, known as Tipping Point
1398 Resources Group (TPRG), LLC. TPRG has been permitted to operate a PFTM system in the New
1399 Haven area, coupled with the disposal of treated sediments at permitted sites within the state of
1400 CT. TPRG would mobilize their equipment to the project Site to set up a similar operation for on-
1401 site placement of material.

1402 PFTM is retained for further evaluation for the Tidal Flats. Due to the available landside access
1403 of the OF-008 remediation footprint, PFTM has been screened out for OF-008.

1404 **3.3.2.3 Hydraulic Material Transport**

1405 Hydraulic material transport efficiently moves low solids content slurry from a sediment barge or
1406 directly from a hydraulic dredging operation. The sediment is high in water content allowing it to
1407 be pumped from the waterside to the landside through a series of pipe and pump networks.
1408 Hydraulic material transport can be used with mechanical or hydraulic dredging applications.

1409 Hydraulic transport has been retained for further evaluation for the Tidal Flats. Due to the
1410 available landside access of the OF-008 remediation footprint, hydraulic transport has been
1411 screened out for OF-008.

1412 **3.3.2.4 Truck Transport**

1413 Truck transport is potentially viable for several applications at the SAEP. Trucks can be used to
1414 haul mechanically dredged sediments off-loaded from a barge to a land-based sediment
1415 processing area. Truck transport is also viable for hauling sediments excavated from the shallow
1416 perimeter of the Tidal Flats accessed by a standard excavator or for the OF-008 drainage ditch.
1417 If dredging is completed in the dry, access roads can be built to allow low pressure equipment to
1418 drive onto the sediment and be directly loaded from a mechanical dredge or excavator. This type
1419 of material transport can be highly disruptive if building roads in soft sediments; therefore, truck
1420 transport within the tidal flats has been eliminated from further consideration.



1421 Truck transport is necessary for the off-site hauling of processed sediment to off-site disposal
1422 facilities.

1423 Land based truck transport from the off-loading bulkhead to the dewatering and processing area
1424 has been retained for further evaluation in conjunction with mechanically dredged sediments in
1425 the Tidal Flats and sediment excavated via standard excavation equipment in OF-008. Truck
1426 transport is also retained for sediment hauling to off-site disposal facilities.

1427 **3.3.3 Sediment Dewatering and Processing**

1428 There are several types of processing and dewatering technologies available to process sediment
1429 that is dredged either mechanically or hydraulically. Dewatering technologies include gravity
1430 dewatering, mechanical dewatering processes, and filter bag dewatering. Mechanical dewatering
1431 processes typically include steps for size separation to remove oversize material from the slurry
1432 prior to processing within the mechanical dewatering equipment.

1433 **3.3.3.1 Gravity Dewatering**

1434 Dredged sediment is placed into a barge or on a dewatering pad for a period of time to allow water
1435 to drain out via gravity. Gravity dewatering, therefore, is the least complex of the dewatering
1436 technologies and requires the least amount of preparation and pre-processing. Sediments that
1437 are mechanically dredged are typically near or slightly above their natural in situ moisture content.
1438 Sediment can be gravity dewatered on a barge as a first dewatering step followed by gravity
1439 dewatering on land. This method can be particularly effective for coarser materials such as sand,
1440 which do not typically require any additional processing following gravity dewatering. Silty
1441 material or material high in organic content may not drain sufficiently and may require the addition
1442 of amendments such as Portland cement to eliminate free water.

1443
1444 Gravity dewatering has been retained for further evaluation for both Tidal Flats and OF-008
1445 sediments.

1446 **3.3.3.2 Mechanical Dewatering**

1447 Mechanical dewatering technologies include a wide variety of techniques to dewater sediment
1448 that is hydraulically transported at fairly low percent solids (2 to 20% solids). These techniques
1449 typically require complex treatment process systems to separate out various larger material sizes
1450 (that can be gravity drained) before the remaining fine material is dewatered. Oversize material
1451 (debris, rocks, gravel, and sand) must be screened out. This can be accomplished through a
1452 variety of methods, including settling basins, bar screens, augers, progressively finer screens,
1453 vibrating screens, hydrocyclones, and clarifiers, all designed to generate a slurry containing only
1454 fines that can be processed in mechanical dewatering equipment. Several proprietary processes
1455 combine these elements into a complete system that produces fine dewatered sediments,
1456 oversize material, and clarified or filtered water. Equipment from the mining and shale industries
1457 have been adapted for use in sediment dewatering. The water generated by these processes
1458 may or may not require further treatment before discharge back to the original water body. The
1459 dewatered sediments typically have been dewatered to a moisture content that is low enough to



1460 pass the paint filter test, allowing the material to be transported off-site for re-use or disposal or
1461 for placement on-site as fill material.

1462

1463 The following subsections describe the more commonly available technologies for mechanical
1464 dewatering.

1465 **3.3.3.2.1 Belt Press**

1466 A belt filter press uses a series of mesh fabrics and rollers to squeeze the sediment slurry,
1467 producing a filtrate liquid and a sediment filter cake at high percent solids. A coagulant polymer
1468 is often added to the slurry prior to the belt filter press to aid in the dewatering process, allowing
1469 the solids to more effectively coalesce and create the filter cake. As the sediment slurry is
1470 processed through the belt filter press, the rollers typically decrease in radial size, increasing the
1471 pressure on the sediment and increasing its percent solids. The filtrate squeezed from the solids
1472 is collected for further treatment and disposal. A solid sediment cake is collected at the end of
1473 the belt press and stockpiled for further processing, beneficial reuse on site, or disposal off-site.

1474 Belt press technology has been retained for further evaluation for the Tidal Flat sediment
1475 dewatering and eliminated for OF-008. OF-008 sediments are proposed to be excavated in the
1476 dry which will result in much higher percent solid material which can be gravity drained and
1477 stabilized with Portland cement.

1478 **3.3.3.2.2 Recessed Chamber Filter Press**

1479 The recessed chamber filter press machine uses a series of plates (typically polypropylene)
1480 mounted on a steel frame to squeeze the sediment slurry at high pressure to drive water out of
1481 the sediment. The plates have a concave depression and hole in the middle to create a chamber
1482 for squeezing the sediment. A filter cloth lining between each of the plates filters the expressed
1483 liquid as it is generated. Processing is in batches, with filter cake generated on a certain time
1484 cycle. Like other mechanical dewatering technologies, the addition of polymers to the slurry can
1485 enhance the dewatering process through coagulation.

1486 Recessed chamber filter press has been retained for further evaluation for the Tidal Flat sediment
1487 dewatering and eliminated for OF-008. OF-008 sediments are proposed to be excavated in the
1488 dry and gravity dewatered, followed by sediment stabilization with Portland cement.

1489 **3.3.3.2.3 Centrifuge**

1490 The centrifuge separates solids and water by taking advantage of centrifugal force and differential
1491 densities. The sediment/water slurry is spun at high (4,500) revolutions per minute along a
1492 horizontal axis, causing the heavier solids to separate from the water in the slurry. The solids and
1493 water are drawn off separately. Centrifuges are complex machines with many moving parts
1494 operating at high speeds. Like other mechanical dewatering processes, polymers typically
1495 enhance the separation of solids and water. A technology that is similar, but more passive with
1496 less moving parts, is the hydrocyclone. This technology operates on the same principal of
1497 centrifugal force as the centrifuge. Hydrocyclones can be used in conjunction with centrifuges
1498 and other mechanical dewatering systems.



1499 Centrifuge technology has been retained for further evaluation for the Tidal Flat sediment
1500 dewatering and eliminated for OF-008. OF-008 sediments are proposed to be excavated in the
1501 dry and gravity dewatered, followed by sediment stabilization with Portland cement.

1502 **3.3.3.2.4 Proprietary Mechanical Dewatering Systems**

1503 There are many proprietary complete dewatering systems available commercially. These systems
1504 include a combination of the technologies described above to provide a complete solution to
1505 dewater sediment. Examples of these processes include Hi-G by Derrick (a series of vibratory
1506 screens that rotate elliptically rather than linearly, generated higher forces for screening, and
1507 hydrocyclones), the Genesis Rapid Dewatering System (proprietary Aquascreen® and capillary
1508 action), and the TCW-3000 Plus by DEL Tank and Filtration Systems (vibrating screens and
1509 hydrocyclones).

1510 For purposes of this FFS, the Hi-G screening system was selected for further evaluation as part
1511 of the Treatability Study; however, upon coordination with the vendor (Derrick), Derrick could not
1512 accept material with PCB concentrations present and declined to perform the treatability study
1513 (**Appendix C, Section 7.1**). However, ultimately any of these process options (whole systems)
1514 could potentially provide effective dewatering. The selected system for dewatering may depend
1515 on the selected dredging contractor's preferences and equipment availability.

1516 **3.3.3.3 Geotubes**

1517 Geotube dewatering containers are large diameter fabric tubes that filter low percent solids
1518 slurries to create materials with higher percent solids that can in turn be beneficially re-used or
1519 disposed of. Prior to being pumped into the Geotubes, the hydraulically conveyed sediment slurry
1520 is treated with coagulant polymers to aid in particulate filtration, similar to other slurry dewatering
1521 applications. One advantage of Geotubes is that little or no size separation is needed prior to
1522 Geotube dewatering; therefore, hydraulically conveyed sediments can generally be pumped
1523 directly into Geotubes. Initial filtration of the solids occurs through pressure generated from
1524 pumping the slurry into the tubes, followed by secondary filtration driven by the force of gravity
1525 over a longer period, which can typically be 30 to 45 days or longer. The filtered water is drained
1526 and collected for further treatment, leaving the solids within the Geotubes. When full, the
1527 Geotubes can remain on-site for beneficial reuse in the as-delivered location or the dried solids
1528 can be hauled off-site for disposal at a landfill or beneficial re-use.

1529 Geotubes have been retained for further evaluation for the Tidal Flat sediment dewatering.
1530 OF-008 sediments are proposed to be excavated in the dry and gravity drained, followed by
1531 sediment stabilization with Portland cement, making Geotubes not applicable.

1532 **3.3.3.4 Solidification and Stabilization**

1533 Solidification and stabilization (S/S) include the physical improvement of the sediment for
1534 workability, transport, and placement and chemical fixation to reduce the potential for leaching of
1535 site contaminants. These two processes typically work in conjunction with each other and can be
1536 used with either hydraulic or mechanical dredge operations. Dewatered sediment is transported
1537 to the processing area where a certain amount (depending on the type of sediment and objectives



1538 of S/S) of additive (typically Portland cement) is mixed into the sediment, completing the
1539 dewatering process, solidifying the sediment, and reducing leachability of contaminants. Once
1540 solidified, the sediment can be transported by truck off-site, or stockpiled and reused on-site.
1541 Depending on the requirements of the off-site facility or on-site beneficial reuse, strength of the
1542 sediment may be an important consideration. Additives such as Portland cement and lime are
1543 typical to achieve moisture reduction, chemical fixation, and strength improvement.

1544 S/S can be implemented using traditional excavator bucket mixing, pug mill mixing, dual or single
1545 axis mixer head application, or PFTM.

1546 S/S has been retained for further evaluation for both the Tidal Flats and OF-008.

1547 **3.3.3.5 Wastewater Treatment Technologies**

1548 There are a wide variety of technologies available to treat dewatering fluids generated from
1549 sediment dewatering. These technologies include settling, pH adjustment, coagulant and
1550 flocculent addition, metals precipitation, filtration, carbon adsorption, ion exchange, reverse
1551 osmosis, and other specialty media treatment. The required treatment train can be simple, or
1552 complex depending on the influent water quality and required discharge standards. At a
1553 minimum, settling, filtration, and carbon adsorption are likely to be applicable to the SAEP site
1554 based upon the presence of various metals and PCBs.

1555
1556 Wastewater treatment technologies have been retained for further evaluation.

1557 **3.3.4 Disposal/Re-Use**

1559 **3.3.4.1 Confined Disposal Facility**

1560 A confined disposal facility (CDF) is an approved upland area typically located along the shoreline
1561 for placement of dredged materials. Dredged material is placed directly in the CDF and allowed
1562 to dewater by gravity drainage or pumped to Geotubes for dewatering within the CDF. Dewatering
1563 fluid may require additional treatment before discharge. Typically, these areas are contained
1564 within sheet pile enclosures which become permanent features and may be used as an additional
1565 shoreline resource (e.g., for recreational or commercial purposes) upon completion.

1566
1567 Two options have been considered for implementation at the SAEP. One option would include
1568 essentially straight walls that would “square off” the curved shoreline of the existing Tidal Flats.
1569 This would create significant shoreline encroachment below the high tide line, reducing the Tidal
1570 Flats area. This option has been screened out due to numerous regulatory and ecological
1571 concerns.

1572
1573 Another configuration would be a shoreline CDF constructed parallel to the shoreline all the way
1574 around the Causeway at the high tide line to minimize the impacts to the Tidal Flats. This
1575 configuration is more acceptable to regulators and would potentially provide benefits for future
1576 development.

1577



1578 The shoreline CDF constructed parallel to the shoreline has been retained for further evaluation
1579 for the Tidal Flats. To eliminate future liability and long-term monitoring and maintenance for the
1580 U.S. Army, a key component of this technology would be to permanently transfer long-term liability
1581 to the future owner of the upland property. The shoreline CDF is also applicable to sediments
1582 removed from the OF-008 drainage ditch.

1583 **3.3.4.2 Confined Aquatic Disposal Cell**

1584 Confined Aquatic Disposal (CAD) cell placement involves the transport of dredged materials to
1585 an approved open-water location which has been dredged to create a cell for the contaminated
1586 materials. The contaminated sediments are then placed in the CAD cell. The material can be
1587 hydraulically pumped to the CAD or placed mechanically from a barge or released from a split
1588 hull hopper barge. The material is placed into the CAD cell in this manner until its capacity is
1589 reached. Once capacity is reached, the CAD cell is capped. Capping of the CAD cell would be
1590 similar in design as capping that has been described above as a containment GRA. Capping is
1591 intended to isolate the contaminated dredged materials to prevent environmental impacts.

1592
1593 Two CAD cell locations near the site within the Housatonic River and at the site were evaluated
1594 for potential applicability to the project and inclusion in the remedial alternatives.

1595
1596 CAD cell construction has been retained for inclusion in remedial alternatives for both Tidal Flats
1597 and OF-008 sediments.

1598 **3.3.4.3 On-Site Beneficial Reuse**

1599 The entire SAEP site is within a floodplain; therefore, the SAEP requires approximately 7 ft of fill
1600 to be placed across the site to make the site developable. For this reason, the on-site beneficial
1601 reuse of sediments is a potential option for disposition of dredged material. For the material to be
1602 acceptable for on-site use, it must meet physical and chemical requirements. The chemical
1603 requirements for land disposal of treated sediment include meeting appropriate groundwater
1604 protection standards as measured through the Toxicity Characteristic Leaching Procedure
1605 (TCLP) (EPA Method 1311) or Synthetic Precipitation Leaching Procedure [SPLP] test (EPA
1606 Method 1312). Treatability results of raw sediment, dewatered sediment, and sediments treated
1607 with S/S agents all show the sediment to meet GW B standards (the site is zoned GW B which
1608 includes industrial process water and cooling water uses etc., not suitable for human
1609 consumption, CT DEEP 2017) as measured via the SPLP test (Appendix B to RSRs, CT DEEP
1610 2013). For the Pollutant Mobility Criteria cited in the CT RSRs (Section 22a-133k-3), the method
1611 of measurement is the SPLP or TCLP test methods, which is the method performed on treated
1612 and untreated site sediments for purposes of this comparison. **Table C-8 of Appendix C**
1613 (Treatability Testing Evaluation) presents the SPLP results and a comparison to state GWB
1614 standards.

1615 Regarding physical characteristics of the processed sediment, it is not currently possible to
1616 identify a final or exact on-site disposal area that will meet future unknown redevelopment plans
1617 and requirements. The currently available site development plan is highly conceptual at this stage
1618 and subject to numerous changes based on market demand and input from various local



1619 stakeholders. Therefore, establishing material physical properties that meet the intended future
1620 uses is difficult at this stage.

1621 However, based on a review of similar sites that require the solidification of sediments or
1622 subsurface soils, generally the unconfined compressive strength (UCS) (ASTM D1633) test is
1623 used as a basis for specifications. Typically, material strengths ranging from 40 to 80 pounds per
1624 square inch (psi) are required for most development uses. For comparison purposes, concrete
1625 has a UCS of 3,000 psi or greater. Generally, soil or treated sediment becomes un-excavatable
1626 at 200 psi or greater. Materials below 100 psi in strength are generally workable and can be
1627 removed and re-compacted as necessary to support development requirements, like other soil
1628 materials used for various development purposes.

1629 In treatability testing performed on Site sediments, UCS results of 5.5, 61, and 90 psi were
1630 obtained on gravity-drained sediments for additive ratios of 2%, 4%, and 5% Portland cement,
1631 respectively, and 8.8, 108, and 91 psi were obtained on belt pressed dewatered sediments treated
1632 with 3%, 6%, and 8% Portland cement, respectively. During initial curing at days 1, 3, and 5, both
1633 torvane and pocket penetrometers readings were obtained. For belt press dewatered sediments
1634 amended with Portland cement, pocket penetrometer results developed to 0.25 tons per square
1635 foot (TSF) (3%) and >4.5 TSF (6% and 8%) after five days. Torvane results show strength
1636 development of 2.8 to 5.5 (torvane results are reported in kg/cm² [kgc2]).

1637 For gravity drained sediments, pocket penetrometer results yielded 0.5 to >4.5 TSF and torvane
1638 results ranged from 2 to 3.5 kgc2. In general, the pocket penetrometer and torvane tests provided
1639 verification of the cement curing process in the early days following mixture development.

1640 For the Mintek Calciment results, pocket penetrometer and torvane results were much lower, as
1641 expected, and were 0.25 TSF for all belt press dewatered mixtures and 1 to 2.5 kgc2 for the
1642 torvane tests. Similarly, for gravity drained sediments, pocket penetrometer results ranged from
1643 0.0 to 0.5 TSF and 0 to 2 kgc2 for torvane (see **Appendix C** subsection 7.3 and Kemron
1644 treatability report for more details).

1645 Similarly, sediments solidified using a bench-testing process designed to mimic the PFTM
1646 process yielded results ranging from 81 to 170 psi for Portland cement additive ratios ranging
1647 from 6% to 14%. In conclusion, the addition of 6% Portland cement is believed to be sufficient for
1648 likely on-site beneficial re-use requirements (see **Appendix C** Section 7.3 Solidification, Section
1649 8 Tipping Point Treatability Study, and **Appendix C Attachment C**).

1650 Once the sediment has been processed and meets the required geotechnical parameters for re-
1651 use it can be placed as fill as needed on-site. For purposes of this FFS, a generic stockpiling area
1652 has been assumed for processed sediment. It is important to note that the above strengths are
1653 not necessary to simply create a stockpile of dewatered sediment for future use.

1654 On-site beneficial re-use has been retained for further evaluation for both the Tidal Flats and
1655 OF-008.



1656 **3.3.4.4 Off-Site Disposal and Beneficial Reuse**

1657 Off-site disposal of sediments includes disposal at both RCRA C/TSCA-permitted facilities and
1658 RCRA D landfill facilities. All sediments from the Site have been assumed to be non-RCRA (listed
1659 or characteristic). There is no site history that would link the use of RCRA listed processes to
1660 sediment contamination. Therefore, the sediments are not considered a listed hazardous waste.
1661 To determine if the waste could be a characteristic hazardous waste, hazardous waste parameter
1662 analyses were completed. TCLP analysis of raw and treated sediment was conducted. Results
1663 show that the sediment does not fail the toxicity characteristic (“D” waste codes, see Appendix C,
1664 **Table C-9**). Furthermore, other hazardous waste parameters, ignitability, reactivity, and
1665 corrosivity all show that the sediment does not exhibit hazardous waste characteristics. Therefore,
1666 it is assumed that all sediment can be disposed of in RCRA Subtitle D (solid waste) landfills.

1667 However, given the presence of PCBs in the sediment, the Toxic Substances Control Act (TSCA)
1668 must be considered for on-site handling and off-site disposal considerations. For off-site sediment
1669 disposal, RCRA D landfills do not accept soils containing PCB concentrations equal to or greater
1670 than 50 ppm. In addition, the operating permits of many state-permitted landfills and Treatment,
1671 Storage and Disposal Facilities (TSDFs), including asphalt batch plants and thermal incinerators
1672 may limit PCB concentrations at lower levels. This will limit the number of landfills or facilities
1673 permitted to accept the processed sediment and may increase the cost for disposal.

1674 Once the sediment has been sufficiently processed and has been accepted by the off-site
1675 disposal facility, it will be loaded into trucks, rail cars, or barges and disposed of off-site.

1676 Sediment meeting beneficial reuse criteria may be reused off-site as landfill daily cover or road
1677 base material, urban fill, or for other uses including mine and site reclamation depending on the
1678 chemical characterization of the sediment and the permitting requirements of the site. The
1679 potential for reuse of the sediments off-site will need to be determined at the time of contractor
1680 bidding for the project, as these options can change over time.

1681 Off-site disposal has been retained for further evaluation as an alternative disposal option for both
1682 the Tidal Flats and OF-008.

1683 **3.3.5 Habitat Restoration**

1684 The following restoration options are applicable to various areas of the site and would be
1685 implemented following remediation.

1686 **3.3.5.1 Bank Treatments/Bioengineering**

1687 Banks along rivers and streams require hard and soft structures to ensure they are stable and
1688 allow vegetation to re-establish itself. The structures or materials include coir fabrics and logs,
1689 native vegetation, rip rap, placement of trees, and other bank features to replicate desired
1690 conditions.



1691 **3.3.5.2 Riparian Vegetation**

1692 Potentially applicable to the OF-008 drainage ditch, replanting of vegetation along the banks of
1693 rivers and streams is an essential component of reestablishing a water body's function. This
1694 method re-establishes trees, shrubs, forbs, grasses, and sedges as appropriate to recreate the
1695 desired ecosystem.

1696 **3.3.5.3 Tidal Salt Marsh**

1697 A saltmarsh is a coastal ecosystem in the upper coastal intertidal zone between land and open
1698 saltwater or brackish water that is regularly flooded by the tides. Tidal salt marsh restoration will
1699 be completed for areas of the tidal mudflats and in the OF-008 remediation area (if present) once
1700 the sediments are removed. There are several acres of high salt marsh present within the tidal
1701 mudflats. These areas are located towards the northern limits of the Tidal Flats inside the
1702 breakwater and along the western shoreline of the mudflats adjacent to the hurricane dike. Similar
1703 soil material will be replaced and planted with salt marsh grass to reestablish habitat.

1704 **3.3.5.4 Tidal Mudflats**

1705 Tidal mudflats are coastal wetlands that accumulate mud deposited by tides. Most of the sediment
1706 within a mudflat is within the intertidal zone, and thus the flat is submerged and exposed
1707 approximately twice daily. The tidal mudflats will be backfilled to elevations that are one foot
1708 below the existing mudline using a sandy material to enhance the restoration process. The
1709 remaining one foot of material is assumed to be re-deposited by natural processes over time and
1710 will allow for the top foot of material to be similar in grain size to existing conditions.

1711

1712 An evaluation of LiDAR survey data collected between 2006 and 2015 (see **Appendix A-4**) for
1713 the Tidal Flats area clearly demonstrates that the mean sediment elevation of the flats
1714 increased by 0.39 feet over the 9-year period. This sedimentation occurred despite the impacts
1715 of Hurricane Sandy in late October 2012, which was estimated to have potentially decreased
1716 the mean elevation of the flats by as much as 0.28 feet. Using the LiDAR data for the 2012
1717 (post-"Sandy") and 2015, an estimated sedimentation rate of 0.07 feet/year was calculated;
1718 using this rate it is theorized that the remaining one foot of excavation that is not intended to be
1719 backfilled will require 14 years to accumulate sediment through natural processes. However, it
1720 is important to note that this time estimate is likely a maximum value. The 1-foot removal depth
1721 areas which are not planned to be backfilled to existing grade represent non-equilibrium
1722 conditions for the mudflats, and as such will result in an accelerated sedimentation rates in
1723 those areas. Increases in sedimentation rates have been documented at other sediment
1724 excavation sites where excavations have not been completely backfilled to grade
1725 (<http://www.nae.usace.army.mil/Portals/74/docs/DAMOS/TechReports/186.pdf>). Although it is
1726 difficult to quantitatively estimate the impact of the non-equilibrium condition on the
1727 sedimentation rate, it is possible that the timeframe to naturally backfill the 1-foot interval to
1728 existing grade will be less than 14 years and may be on the order of +/-10 years.



United States Army Corps of Engineers, New England District
Stratford Army Engine Plant, Stratford, CT
Final Focused Feasibility Study

1729 Due to the documented net sedimentation occurring on the Tidal Flats, over a time period
1730 encompassing storm impacts from Hurricane Sandy, long-term monitoring of the restoration
1731 outside of re-vegetated areas is considered unnecessary and will not be conducted.



1732 4.0 DEVELOPMENT AND SCREENING OF ALTERNATIVES

1733 In this section, technically feasible technologies retained following screening in Section 3.0 are
1734 combined to form remedial action alternatives that may be applicable to the Tidal Flats and the
1735 OF-008 drainage ditch at the SAEP.

1736 The alternatives are developed to meet the RAOs presented in Section 2.4, using the GRAs
1737 identified in Section 3.1 either singly or in combination. Developed remedial alternatives are then
1738 screened with respect to the criteria of effectiveness, implementability, and cost in accordance
1739 with the requirements of CERCLA and the NCP. Cost is not formally evaluated in this section.
1740 Rather, based on knowledge of relative costs, professional judgment is used to identify the relative
1741 cost-effectiveness of each alternative. Detailed cost evaluations are presented in Section 5.0 as
1742 part of the detailed evaluation of alternatives passing this section's screening.

1743 The objective of the alternative screening step is to eliminate impractical alternatives or higher
1744 cost alternatives that are not considered cost-effective (i.e., that provide little or no increase in
1745 effectiveness or improvement in implementability over their lower-cost counterparts). The
1746 effectiveness and implementability criteria used for screening the alternatives are defined below.

1747 **Effectiveness.** Each alternative is evaluated for its ability to protect human health and the
1748 environment, including the extent to which toxicity, mobility, or volume of contaminants is reduced.
1749 Both short- and long-term effectiveness are considered. Short-term effectiveness involves the
1750 extent to which existing risks to receptors during the construction and implementation period are
1751 reduced, identifying and mitigating expected effects to the environment during construction and
1752 implementation, the alternative's ability to meet RAOs, and the relative time frame required to
1753 achieve RAOs. Long-term effectiveness, which applies after RAOs have been attained, considers
1754 the magnitude of the remaining residual risk due to residual contaminant sources, and the
1755 adequacy and reliability of specific technical components and control measures to maintain
1756 compliance with RAOs over the life of the remediation.

1757 **Implementability.** Each alternative is also evaluated in terms of technical and administrative
1758 feasibility. In the assessment of short-term technical feasibility, availability of a technology for
1759 construction or mobilization and operation, as well as compliance with action-specific ARARs
1760 during the remedial action, are considered. Long-term technical feasibility considers the ease of
1761 operation and maintenance (O&M), technical reliability, the ease of undertaking additional
1762 remedial actions, and the degree of monitoring of technical controls for residuals and untreated
1763 wastes. Administrative feasibility for implementing a given technology addresses coordination
1764 with other agencies, public acceptance, and the commercial availability of required services and
1765 trained specialists or operators.

1766 **Table 4-1** highlights each alternative's advantages and disadvantages with respect to
1767 effectiveness, implementability, and relative cost. Based on this table, a decision is made to either
1768 retain the alternative for detailed analysis or eliminate it from further consideration.

1769 Consistent with USEPA guidance (USEPA 1988), a No Action Alternative was developed for the
1770 Tidal Flats and OF-008; however, these options have not been carried forward to the detailed



1771 analysis based on the U.S. Army's preference for complete removal of sediments exceeding
1772 PRGs.

1773 **4.1 Development of Alternatives**

1774 Remedial alternatives are developed in this subsection for the Tidal Flats and OF-008 drainage
1775 ditch at the SAEP. A total of eleven alternatives for the Tidal Flats, and three alternatives for the
1776 OF-008 drainage ditch have been developed, including the No Action Alternative for each. The
1777 alternatives consider the following key elements of the sediment remediation process:

- 1778 • the required removals (location and depth) and methods for removal;
- 1779 • available site infrastructure for support and processing;
- 1780 • affected media and methods for dewatering and other processing of sediment;
- 1781 • contaminant type and distribution;
- 1782 • tidal cycles;
- 1783 • control, treatment, and sampling of discharge water; and
- 1784 • control of resuspended sediments.

1785 In assembling these alternatives, GRAs and process options chosen to represent the various
1786 technology types are combined to form alternatives for the site. Alternatives were developed to
1787 provide a range of options consistent with USEPA RI/FS guidance (USEPA, 1988).

1788 In addition, treatability studies have been completed to support the development, screening, and
1789 analysis of alternatives. Results of the treatability testing are provided in **Appendix C** and include
1790 work conducted by Wood and its laboratory subcontractors, ESI of Hampton NH, Alpha Analytical
1791 of Mansfield, MA, Rutgers Weeks Geotechnical Laboratory in Piscataway, NJ, and Kemron
1792 Environmental Services in Atlanta, GA. Treatability tests and other laboratory analyses
1793 completed to support these evaluations include:

- 1794 ▶ Modified elutriate analysis to support water treatment and discharge evaluations (see
1795 **Tables C-3, C-4, and C-5**);
- 1796 ▶ SPLP and TCLP analysis of raw sediments to support evaluation of on- and off-site
1797 disposal and the need for sediment stabilization for purposes of chemical fixation
1798 (**Table C-8**, SPLP and TCLP results);
- 1799 ▶ Grain size, hydrometer, and organic carbon content to assess the materials dredging
1800 and dewatering characteristics (**Tables C-6 and C-7**);



- 1801 ▶ Geotechnical parameters including bulk and dry density, specific gravity, Atterberg
1802 limits, and moisture content to provide general physical characteristics of the material
1803 and support dredge evaluations (**Tables C-6** and **C-7**);
- 1804 ▶ Strength testing of solidified sediments, including pocket penetrometer, torvane, and
1805 unconfined compressive strength (**Appendix C**, Attachment C, Kemron Treatability
1806 Study);
- 1807 ▶ Waste characterization analyses to support ultimate disposition of the material for
1808 on-site beneficial reuse or off-site disposal (**Tables C-9**, **C-10**, and **C-11**); and
- 1809 ▶ Dewatering, solidification, and water treatment tests to identify appropriate methods
1810 for treatment, processing, and disposal/discharge, support cost estimate development,
1811 and determine suitability for on-site re-use of dredged materials (**Tables C-12** through
1812 **C-18**).

1813 **Tables C-1** and **C-2** of Appendix C summarize the sampling performed for treatability testing.
1814 **Figure C-1** shows the locations of sampling points for treatability testing and **Section 1.0** of
1815 **Appendix C** describes the sampling program.

1816 **4.2 Tidal Flats Alternatives**

1817 Eleven remedial alternatives (including No Action) are identified in this subsection to address
1818 RAOs for the sediment in the Tidal Flats. These alternatives and their key components are the
1819 following:

- 1820 ▶ **Alternative 1: No Action**
- 1821 ▶ **Alternative 2: Hydraulic Dredging**
- 1822 ▶ Hydraulic dredging
- 1823 ▶ Turbidity monitoring, management, and engineering controls (silt curtain)
- 1824 ▶ Land-based Long-stick excavation of near shore sediments
- 1825 ▶ Hydraulic slurry transport
- 1826 ▶ Dewatering via belt filter or Geotube
- 1827 ▶ S/S to meet on-site re-use requirements
- 1828 ▶ Water treatment and discharge back to Housatonic River
- 1829 ▶ Mechanically placed backfill
- 1830 ▶ Off-site disposal of sediments containing 1.0 mg/kg PCBs or greater



- 1831 ▶ On-site beneficial re-use or off-site disposal of sediments with less than 1.0 mg/kg
- 1832 PCBs

- 1833 ▶ **Alternative 3: Mechanical Dredging**

- 1834 ▶ Mechanical dredging

- 1835 ▶ Turbidity monitoring, management, and engineering controls (silt curtain) to control
- 1836 turbidity

- 1837 ▶ Land-based long-stick excavation of near shore sediments

- 1838 ▶ Mechanical off-loading of mechanically dredged sediment and truck transport of
- 1839 sediment to processing area

- 1840 ▶ Gravity dewatering

- 1841 ▶ S/S of dewatered sediments to meet on-site re-use requirements or off-site
- 1842 disposal acceptance criteria

- 1843 ▶ Water treatment and discharge back to Housatonic River

- 1844 ▶ Mechanically placed backfill

- 1845 ▶ Off-site disposal of sediments containing 1.0 mg/kg PCBs or greater

- 1846 ▶ On-site beneficial re-use or off-site disposal of sediments with less than 1.0 mg/kg
- 1847 PCBs

- 1848 ▶ **Alternative 4: Mechanical Dredging with Hydraulic Transport**

- 1849 ▶ Mechanical dredging

- 1850 ▶ Turbidity monitoring, management, and engineering controls (silt curtain) to control
- 1851 turbidity

- 1852 ▶ Land-based long-stick excavation of near shore sediments

- 1853 ▶ Hydraulic slurry transport and truck transport of sediments to processing area

- 1854 ▶ Dewatering via belt press

- 1855 ▶ S/S to meet on-site re-use requirements

- 1856 ▶ Water treatment and discharge back to Housatonic River

- 1857 ▶ Mechanically placed backfill



- 1858 ▶ Off-site disposal of sediments containing 1.0 mg/kg PCBs or greater
- 1859 ▶ On-site beneficial re-use or off-site disposal of sediments with less than 1.0 mg/kg
1860 PCBs
- 1861 ▶ **Alternative 5: Pneumatic Flow Tube Mixing**
- 1862 ▶ Mechanical dredging followed by pneumatic conveyance and PFTM to solidify
1863 sediments and direct on-site placement of treated sediments
- 1864 ▶ Turbidity monitoring, management, and engineering controls (silt curtain) to control
1865 turbidity
- 1866 ▶ Land-based long-stick excavation of near shore sediments and truck transport to
1867 processing area
- 1868 ▶ Gravity dewatering (minimal) of excavated sediments
- 1869 ▶ S/S of dewatered sediments
- 1870 ▶ Water treatment and discharge back to Housatonic River
- 1871 ▶ Mechanically placed backfill
- 1872 ▶ Off-site disposal of sediments containing 1.0 mg/kg PCBs or greater
- 1873 ▶ On-site beneficial re-use of sediments containing less than 1.0 mg/kg PCBs
- 1874 ▶ **Alternative 6: Mechanical Dredging and Off-Site Processing**
- 1875 ▶ Mechanical dredging
- 1876 ▶ Turbidity monitoring, management, and engineering controls (silt curtain) to control
1877 turbidity
- 1878 ▶ Initial gravity dewatering
- 1879 ▶ Water treatment and discharge back to Housatonic River
- 1880 ▶ Barge transport of all sediments to off-site processing facility
- 1881 ▶ Processing (dewatering and S/S) at an off-site facility (e.g., Clean Earth)
- 1882 ▶ Mechanically placed backfill
- 1883 ▶ Off-site disposal of all sediments.
- 1884 ▶ **Alternative 7: Hydraulic Dredge/Cofferdam**



- 1885 ▶ Same components as Alternative 2 except for the following
- 1886 ▶ Turbidity monitoring, management, and engineering controls - cofferdam
1887 installation in lieu of silt curtain to accomplish:
- 1888 ▶ Turbidity control; and
- 1889 ▶ Hydraulic control of water level to allow for dredging over entire tidal cycle.
- 1890 ▶ **Alternative 8: Mechanical Dredge/Cofferdam**
- 1891 ▶ Same components as Alternative 3 except for the following
- 1892 ▶ Turbidity monitoring, management, and engineering controls - cofferdam
1893 installation in lieu of silt curtain to accomplish:
- 1894 ▶ Turbidity control; and
- 1895 ▶ Hydraulic control of water level to allow for dredging over entire tidal cycle.
- 1896 ▶ **Alternative 9: Amphibious Dredge**
- 1897 ▶ Either mechanical or hydraulic dredge operated on Tidal Flats or on water surface
1898 throughout tidal cycle
- 1899 ▶ Remaining components as described above for Alternatives 2 and 3 for
1900 mechanical or hydraulic methods
- 1901 ▶ **Alternative 10: Hydraulic Dredge/Shoreline CDF**
- 1902 ▶ Hydraulic dredging
- 1903 ▶ Turbidity monitoring, management, and engineering controls (silt curtain) to control
1904 turbidity
- 1905 ▶ Hydraulic slurry transport
- 1906 ▶ Installation of shoreline sheet pile with/ toe drains for CDF construction
- 1907 ▶ Building demolition to accommodate CDF
- 1908 ▶ Dewatering via Geotube behind CDF wall
- 1909 ▶ Water treatment and discharge back to Housatonic River
- 1910 ▶ Mechanically placed backfill
- 1911 ▶ Off-site disposal of sediments containing 1.0 mg/kg PCBs or greater



- 1912 ▶ On-site beneficial re-use of sediments containing less than 1.0 mg/kg PCBs as fill
- 1913 within shoreline CDF

- 1914 ▶ **Alternative 11: CAD Cell**

- 1915 ▶ Hydraulic dredging

- 1916 ▶ Turbidity monitoring, management, and engineering controls (silt curtain) to control
- 1917 turbidity

- 1918 ▶ Hydraulic slurry transport

- 1919 ▶ Installation/Excavation of CAD within either tidal flats or within Housatonic channel

- 1920 ▶ Sheet pile for tidal flats CAD

- 1921 ▶ Dewatering via Geotube on-site

- 1922 ▶ Water treatment and discharge back to Housatonic River

- 1923 ▶ Mechanically placed backfill including use of clean CAD sediments

- 1924 ▶ Off-site disposal of sediments containing 1.0 mg/kg PCBs or greater

- 1925 ▶ Placement of sediments containing less than 1.0 mg/kg PCBs within near-site CAD
- 1926 cell

1927 **4.3 Outfall-008 Drainage Ditch Alternatives**

1928 Three remedial alternatives (including No Action) are identified in this subsection to address
1929 RAOs for the sediment in the OF-008 drainage ditch. These alternatives are:

- 1930 ▶ **Alternative 1: No Action**

- 1931 ▶ **Alternative 2: Mechanical Excavation**

- 1932 ▶ Isolate and dewater area with sheet piles, earthen dams, and/or other temporary
- 1933 dam systems

- 1934 ▶ Mechanical excavation “in the dry” with conventional excavation (standard reach
- 1935 and/or long-reach) equipment

- 1936 ▶ Truck transport to sediment processing area

- 1937 ▶ Gravity dewatering

- 1938 ▶ S/S of dewatered sediments to meet on-site re-use requirements or off-site
- 1939 disposal acceptance criteria



- 1940 ▶ Water treatment and discharge back to Housatonic River
- 1941 ▶ Mechanically placed backfill
- 1942 ▶ Site/habitat restoration
- 1943 ▶ On-site re-use of non-TSCA sediments
- 1944 ▶ Off-site disposal of TSCA-regulated sediments
- 1945 ▶ **Alternative 3: Mechanical Dredging**
- 1946 ▶ Mechanical dredging with precision low turbidity mechanical dredge
- 1947 ▶ Mechanical off-loading of mechanically dredged sediment and truck transport of
- 1948 sediment to processing area
- 1949 ▶ Gravity dewatering
- 1950 ▶ S/S of dewatered sediments to meet on-site re-use requirements or off-site
- 1951 disposal acceptance criteria
- 1952 ▶ Water treatment and discharge back to Housatonic River
- 1953 ▶ Mechanically placed backfill
- 1954 ▶ Site/habitat restoration
- 1955 ▶ Off-site disposal of TSCA-regulated sediments
- 1956 ▶ On-site re-use or off-site disposal of non-TSCA sediments

1957 **4.4 Tidal Flats Alternatives Screening**

1958 **Table 4-1** summarizes the alternatives against effectiveness, implementability, and cost.

1959 For the Tidal Flats, Alternatives 1, 7, 8, 9, 10, and 11 as outlined in Section 4.2, have been
1960 eliminated from further evaluation.

1961 Alternative 1 (No Action) has been eliminated because the Army has determined that a remedial
1962 action must be taken to close the Site and continue with future development plans.

1963 Alternatives 2 through 6 have been retained because they all can achieve the RAOs, are
1964 implementable, and have comparable costs (moderately high).

1965 Alternatives 7 and 8 have been eliminated because of the complex implementation, extensive
1966 engineering, and high cost related to installation of a steel sheet pile cofferdam. Although this
1967 option would allow remediation to continue throughout the year because of the completeness of



1968 turbidity control, the additional time to design and install the structure is significant and the
1969 additional costs (\$20M) are not justified. Additionally, the design and installation of the cofferdam
1970 is technically complex near the existing breakwater, and sufficient buffer must be maintained so
1971 as not to encroach upon or damage that structure. This may necessitate removal occurring in that
1972 area prior to cofferdam installation, resulting in the need for turbidity control via silt curtain
1973 regardless for a portion of the work. Other significant technical challenges include ensuring
1974 complete enclosure around the area to ensure no bypass of tide waters into or out of the Tidal
1975 Flats.

1976 Alternative 9 has been eliminated due to the very soft nature of the site sediments and the
1977 elevated risk of generating excessive resuspended sediments using amphibious equipment.
1978 These risks outweigh the benefit of being able to work throughout tidal cycles.

1979 Alternative 10 (Shoreline CDF) has been eliminated from further consideration due to high cost,
1980 technical complexity, and additional time required to complete, with no additional benefits to site
1981 cleanup. Installation of this CDF would require extensive building demolition along the shoreline
1982 to allow for the placement of dewatered sediments. The wall itself must be installed to a depth of
1983 approximately 90 ft due to the low strength sediments present at the site. This option would add
1984 approximately one year on to the project schedule for design and construction.

1985 Alternative 11 (CAD cell) has been eliminated from further consideration. The selected locations
1986 are considered very difficult and time consuming to implement given the multiple jurisdictions that
1987 would be involved and its location within a navigation channel (Housatonic River). A CAD cell
1988 located in the Tidal Flats was also evaluated but determined infeasible based on the Site logistics,
1989 equipment needs, potential for conflict with future development plans, and the need for sheet pile
1990 walls. Other locations are possible; however, this disposal technology is not considered feasible
1991 within the timeframes anticipated for implementation of the project (immediate) and would not
1992 relieve the U.S. Army of long-term liability and related monitoring and maintenance activities.

1993 **4.5 Outfall 008 Alternatives Screening**

1994 **Table 4-1** summarizes the alternatives against effectiveness, implementability, and cost.

1995 For the OF-008 Alternatives, Alternatives 1 and 3 have been eliminated from further evaluations.

1996 Alternative 1 has been eliminated because no sediments would be removed, and it would not
1997 meet the RAOs or the U.S. Army's preference to eliminate long-term liability.

1998 Alternative 2 (isolate, dewater, and excavate), has been retained because the technologies are
1999 well established and can be effectively implemented. Water control is a critical element of this
2000 alternative; however, the technologies and expertise to implement this work are widely available.

2001 Alternative 3 (Mechanical Dredging) has been eliminated due to the difficulty of accessing the site
2002 by water, its narrow footprint, and an inability to effectively haul dredged material to the site for
2003 processing. Dredging and restoration with water present is more difficult than doing this work in
2004 a dewatered condition, and inherently less accurate or complete. Although costs are expected to



United States Army Corps of Engineers, New England District
Stratford Army Engine Plant, Stratford, CT
Final Focused Feasibility Study

2005 be lower relative to excavation in the dry, the lack of effectiveness outweighs the potential cost
2006 advantages.

2007 The following FFS sections describe the detailed evaluation and comparative analysis of the
2008 retained alternatives developed for remediation of sediment at the Site.



2009 **5.0 DETAILED EVALUATION OF ALTERNATIVES**

2010 This section presents the detailed analyses of the remedial action alternatives retained in Section
2011 4 for the Tidal Flats and OF-008 at the Site. The detailed analysis is intended to provide decision-
2012 makers with information to aid in selection of a remedial alternative that best meets the following
2013 CERCLA requirements:

- 2014 ▶ protects human health and the environment;
- 2015 ▶ attains ARARs (or provides grounds for invoking a waiver);
- 2016 ▶ utilizes permanent solutions and alternative treatment technologies or resource-
2017 recovery technologies to the maximum extent practicable;
- 2018 ▶ satisfies the preference for treatment that reduces toxicity, mobility, or volume of
2019 hazardous substances as a principal element; and
- 2020 ▶ is cost-effective.

2021 The detailed analysis is summarized in **Table 5-1** and was performed in accordance with
2022 CERCLA Section 121, the NCP (USEPA, 1990), and USEPA RI/FS guidance (USEPA, 1988).
2023 The detailed analysis contains the following:

- 2024 ▶ a detailed description of each candidate remedial alternative, emphasizing the
2025 application of various component technologies; and
- 2026 ▶ an assessment of each alternative with respect to the first seven of the nine evaluation
2027 criteria described in the NCP (USEPA, 1990). State and community acceptance are
2028 addressed following public review of the Proposed Plan.

2029 The detailed description of technologies or processes used for each alternative includes, where
2030 appropriate, preliminary site layouts and a discussion of limitations, assumptions, and
2031 uncertainties for each component. The descriptions provide a conceptual design of each
2032 alternative and are intended for alternative-comparison and cost-estimation purposes only.

2033 Remedial alternatives are evaluated according to the first seven of nine NCP evaluation criteria.
2034 The nine NCP evaluation criteria are defined in the following paragraphs as they pertain to this
2035 FFS.

2036 **Overall Protection of Human Health and the Environment.** Assesses how well an
2037 alternative achieves and maintains protection of human health and the environment.

2038 **Compliance with ARARs.** Assesses how the alternative complies with location-,
2039 chemical-, and action-specific ARARs, and whether a waiver is required or justified.

2040 **Long-term Effectiveness and Permanence.** Evaluates the effectiveness of the
2041 alternative in protecting human health and the environment after response objectives have



2042 been met. This criterion includes consideration of the magnitude of residual risks and the
2043 adequacy and reliability of controls.

2044 **Reduction of Toxicity, Mobility, or Volume through Treatment.** Evaluates the
2045 effectiveness of treatment processes used to reduce toxicity, mobility, and volume of
2046 hazardous substances. It also considers the degree to which treatment is irreversible, and
2047 the type and quantity of residuals remaining after treatment.

2048 **Short-term Effectiveness.** Examines the effectiveness of the alternative in protecting
2049 human health and the environment during the construction and implementation of a
2050 remedy until response objectives have been met. It also considers the protection of the
2051 community, workers, and the environment during implementation of remedial actions.

2052 **Implementability.** Assesses the technical and administrative feasibility of an alternative
2053 and availability of required goods and services. Technical feasibility considers the ability
2054 to construct and operate a technology and its reliability, the ease of undertaking additional
2055 remedial actions, and the ability to monitor the effectiveness of a remedy. Administrative
2056 feasibility considers the ability to obtain approvals from other parties or agencies and the
2057 extent of required coordination with other parties or agencies.

2058 **Cost.** Evaluates the capital, and operation and maintenance costs of each alternative.
2059 Present worth (PW) costs are calculated to help compare costs among alternatives.

2060 **State Acceptance.** Considers the state's preferences among or concerns about the
2061 alternatives, including comments on ARARs or the proposed use of waivers. This criterion
2062 is addressed in the Responsiveness Summary following state input on the Proposed Plan.

2063 **Community Acceptance.** Considers the community's preferences among or concerns
2064 about the alternatives. This criterion is addressed following community input on the
2065 Proposed Plan.

2066 The detailed analysis of each alternative includes an estimate of the time necessary for
2067 completion of the alternative (i.e., remedial duration) and a cost estimate (**Appendix F**). The time-
2068 frame estimates were based on development of productivity estimates for various methods of
2069 removal, the available schedule (hours per day, days per week, and months per year), and
2070 professional judgment. For purposes of the FFS, a seven-month work window (July 1st through
2071 January 31st) was assumed (see Section 2.1 for additional details).

2072 Costs are intended to be within the target accuracy range of minus 30 to plus 50 percent of actual
2073 cost (USEPA, 1988). Assumptions used to develop and estimate costs may or may not remain
2074 valid during alternative implementation. For example, as part of this FFS, it has been assumed
2075 that no building demolition will be included to accommodate on-site activities including placement
2076 of fill on-site. This assumption has potential to change as various stakeholders review the FFS
2077 and Proposed Plan. In addition, maintenance has not been included and is assumed to be the
2078 responsibility of the future property owner. Details related to monitoring and maintenance and
2079 related agreements will need to be evaluated and may affect costs. Cost uncertainties, where
2080 possible, are discussed in the text.



2081 Each cost estimate includes a present worth analysis to evaluate expenditures that occur over
2082 different time periods. The analysis discounts future costs to a present worth and allows the cost
2083 of remedial alternatives to be compared on an equal basis. Present worth can be a useful
2084 evaluation tool when comparing alternatives that rely differently upon aggressive source control
2085 actions vs. long-term monitoring (e.g., MNR). Consistent with USEPA guidance, a discount rate
2086 of 2.8% was used to prepare the cost estimates (USEPA, 2000) based upon the most recent
2087 Office of Management and Budget Circular A-94 (OMB 2016). In addition, costs occurring in future
2088 years were escalated to account for typical anticipated increases in construction costs. A value of
2089 3% per year has been used (RS Means 2017).

2090 Each cost estimate includes the following items, as applicable:

- 2091 ▶ engineering design at a percentage of direct capital costs (5%);
- 2092 ▶ project and construction management, including health and safety, legal, and
2093 administrative fees, at a percentage of direct capital costs (5% and 6%, respectively);
- 2094 ▶ a contingency to account for unforeseen project complexities such as adverse
2095 weather, the need for additional and unexpected site characterization, and increased
2096 construction standby times at a percentage of direct capital costs (20%); and
- 2097 ▶ Escalation to account for the anticipated yearly increases in construction costs (3%).

2098 Details and assumptions pertaining to the cost estimates are also included in each alternative's
2099 cost description.

2100 **5.1 Description of Remedial Alternatives**

2101 Detailed descriptions of the retained remedial action alternatives are described below. **Table 5-2**
2102 summarizes the key quantitative factors and assumptions for each of the remedial action
2103 alternatives used in the detailed evaluation. At this stage of evaluating the remedial alternatives,
2104 the Tidal Flats and OF-008 AOCs have been combined to create Site wide remedial action
2105 alternatives as further described below.

2106 **Tables 5-1** and **5-2** both include costs for on-site beneficial reuse and off-site disposal options as
2107 appropriate for each alternative. Cost differences between on- and off-site options for Alternatives
2108 that have both options are driven by two main factors: 1. For options including hydraulic dredging
2109 (Alternative 2), the overdredge volume is larger than for options that include mechanical dredging,
2110 which requires the processing and disposal of a larger quantity of sediment; and 2. For options
2111 utilizing geotubes or belt press dewatering (Alternative 2 and 4), no Portland cement is included
2112 while for options that utilize mechanical dredging the addition of 6% Portland cement adds to the
2113 cost (Alternatives 3, 5, and 6).



2114 **5.1.1 Alternative 2**

2115 **5.1.1.1 Tidal Flats**

2116 Alternative 2 includes the following remedial elements:

- 2117 ▶ Mobilization
- 2118 ▶ Site preparation
- 2119 ▶ Mechanical debris removal
- 2120 ▶ Hydraulic dredging and hydraulic pipeline transfer of the Tidal Flats sediments
- 2121 ▶ Mechanical placement of backfill
- 2122 ▶ Mechanical dewatering
 - 2123 ▶ Belt filter press
 - 2124 ▶ Geotubes
- 2125 ▶ On-Site beneficial re-use (stockpiling) of sediments containing <1.0 mg/kg PCBs
- 2126 ▶ Off-site disposal of sediments containing ≥ 1.0 m/kg PCBs or off-site disposal of all
- 2127 sediments
- 2128 ▶ Site restoration
- 2129 ▶ Demobilization

2130 **Figure 5-1** provides a conceptual layout of equipment, transport routes, and processing and
2131 disposal areas for Alternative 2. **Figure 5-2** provides a conceptual process flow diagram for the
2132 main components of Alternative 2.

2133 **Mobilization** – Alternative 2 will include a combination of land based and water-based
2134 mobilization. The location of the Site allows equipment and barges to be mobilized and
2135 assembled off-site then towed or pushed to the Site. It also allows for most water-based
2136 equipment to be mobilized to the Site by land and assembled on-site. Land based equipment or
2137 water-based equipment assembled on-site will be transported to the Site using federal, state, and
2138 local roads following all rules and regulations. Exact means and methods will be determined by
2139 the selected remedial alternative and contractor. Alternative 2 includes mobilization of a hydraulic
2140 dredge, hydraulic pipeline, mechanical dewatering equipment, and a land-based water treatment
2141 system.

2142 **Site Preparation** - Prior to initial mobilization of remedial equipment and construction of the
2143 staging area(s), erosion and sedimentation controls such as straw bales, silt fence, and silt socks



2144 will be installed on all downgradient slopes and catch basins as required in accordance with
2145 applicable Best Management Practices (BMPs). Once erosion and sedimentation controls are in
2146 place, the staging area(s) will be constructed. The staging area(s) will include an impervious area
2147 and a water collection sump in one or more locations to collect, transfer, and treat waste water
2148 generated through dredge material dewatering and rain water. The surface of the staging area(s)
2149 will be prepared by placing, grading toward the installed sump(s), and compacting an appropriate
2150 sized layer of dense grade aggregate. An impermeable high-density polyethylene liner will be
2151 placed over the aggregate followed by a layer of bituminous asphalt. Additional features
2152 including, but not limited to sidewalls, bituminous curbing, wheel wash stations, and
2153 decontamination areas may be installed as required by the selected remedial action contractor.

2154 For purposes of the FFS, we have identified two potential staging areas to be used depending on
2155 the Alternative selected; the smaller parking lot to the north of the site and the larger parking lot
2156 to the south of the site. The larger southern parking lot is approximately 10 acres in size while
2157 the smaller northern parking lot is approximately 3 acres. Eight acres of the southern parking lot
2158 is designated as the on-site stockpile location for all Alternatives (except Alternative 6) because
2159 it is adjacent to the OF-008 drainage ditch and is slightly more remote to commercial activities
2160 along Main Street. For Alternative 2, the mechanical dewatering equipment, water treatment, and
2161 temporary sediment stockpile are assumed to be staged in the small northern area. Access
2162 between the two staging areas will be via existing roads within the SAEP property and a temporary
2163 roadway crossing at the main site gate along Sniffens Lane.

2164 For purposes of cost estimating and describing the required elements of the work, it has been
2165 assumed that in-water resuspension controls such as turbidity curtains will be installed to
2166 surround the work area prior to the start of any silt producing activities and will be maintained
2167 throughout all silt producing activities including backfilling and restoration. During the design
2168 process, a performance specification would be developed to establish the turbidity monitoring
2169 requirements, including the following:

- 2170 • the type of, number of, and locations of real-time multi-depth monitoring equipment,
- 2171 • action levels (typically one or more progressive triggers based on an increase in turbidity
2172 at a downstream monitoring location relative to a background upstream location), including
2173 potentially different action levels for environmentally sensitive time periods, and
- 2174 • required remediation contractor responses for turbidity management and control which
2175 may include evaluating the current data, slowing or modifying methods, changing
2176 equipment, temporarily stopping work, or other actions.

2177 The details of the performance specification will be developed by the Army and reviewed and
2178 approved by appropriate agencies including CT DEEP. The design will also include a review and
2179 analysis of site specific conditions which must be factored into contractor selection of the turbidity
2180 control systems. The conditions and factors will include but may not be limited to the following:

- 2181 • weather conditions, including wind driven waves that directly affect the turbidity
2182 management system;
- 2183 • tidal fluctuations, including extreme astronomical or meteorologically driven tidal events;



- 2184
- flows in the Housatonic River, including storm flows and seasonally high flows; ant
- 2185
- the remedial contractor means and methods for transit of equipment and materials to and
- 2186
- from the site.

2187

2188 **Figure 5-1** presents a potential configuration of the proposed resuspension controls. The
2189 anticipated orientation of the silt curtain is generally parallel to the river flow and not within deeper
2190 sections of the river, and generally perpendicular to tidal flux in and out of the tidal flats. Given
2191 this configuration, tidal fluxes will likely govern aspects of the turbidity barrier design. The specific
2192 layout of the turbidity barrier will likely vary from what is currently shown depending on the
2193 approved final performance specification and approved contractor work plans.

2194 For purposes of the FFS, it has been assumed that resuspension controls will be maintained a
2195 minimum of one foot to a maximum of three feet from the sediment surface using attached reefing
2196 lines to prevent sweeping of bottom sediments and residual transport out of the work area. Type
2197 III permeable curtains (capable of withstanding water currents up to 3 knots or 5 feet per second)
2198 will be utilized in a bridal anchor configuration using Danforth or similar types of anchors. The
2199 permeable curtains coupled with a bridal anchor configuration will allow for water diffusion through
2200 the curtain on both ebb and flood tides while maintaining the curtain securely in position. The silt
2201 curtains may also be installed as a double curtain with windows to allow for the passage of more
2202 significant currents, if required. The final configuration and specification of turbidity curtain will be
2203 completed during the design process and will be required to meet the anticipated current flows of
2204 the Housatonic River and ebb and flood tides.

2205 Pre-construction surveys are proposed for all limits of work including the staging areas, site
2206 features (utilities, pavement cover, etc.), Tidal Flats, and OF-008. The pre-construction surveys
2207 will be a combination of topographic and bathymetric surveys to ensure the full site is
2208 characterized properly. It is assumed for this FFS that a limited pre-design investigation would
2209 be implemented to more accurately define where the dredge prism changes from one to two ft,
2210 two to three ft, and three to four ft removal depths.

2211 **Tidal Flats Dredging** - This alternative includes hydraulic dredging of 139,575 cy (neat) of Tidal
2212 Flats sediments range in thicknesses from 1 to 4 ft over approximately 47 acres. For purposes of
2213 this FFS, it has been assumed that an 8-inch swinging ladder cutter suction hydraulic dredge
2214 (**Appendix E, see Table 7**) would remove sediment by collecting sediment and water at the
2215 suction end (intake) of the dredge pump. The dredged material is first loosened and mixed with
2216 ambient water using the cutter head and pumped as a fluid (slurry). This slurry, which is
2217 anticipated to typically contain approximately 6% solids, but can vary from as low as 2% to as
2218 high as 20% depending on material type and dredge cut thickness, will then be pumped through
2219 a floating pipeline at a flow rate of approximately 1,250 gallons per minute (gpm) to the sediment
2220 processing area(s). Smaller 8-inch hydraulic dredges typically draft less than 2 ft; however, the
2221 selected remedial contractor will be required to closely monitor tides and schedule dredging
2222 operations to minimize downtime. This type of dredge has a vertical accuracy of 0.4 to 0.7 ft and
2223 typically can achieve an average over dredge of approximately 0.4 ft which has been used for
2224 purposes of cost estimating. In addition to over dredge, side slope volume has been included for



2225 cost estimating purposes as 1% of the neat line volume. The additional volume of over dredge
2226 and side slopes is estimated to be approximately 30,811 cy which will be removed as part of the
2227 dredging operation, processed, and either disposed of or re-used on-site.

2228 It is anticipated the contractor can maintain approximately 34% working efficiency with the
2229 appropriate coordination with tidal cycles and existing bathymetry over the course of a 12-hour
2230 day (5 to 6 hours available working time per shift in some areas due to tides). The production of
2231 hydraulic dredging is typically defined by the diameter of the dredge pump, the discharge velocity,
2232 the in-situ percent solids, the percent solids of the slurry, and the anticipated downtime associated
2233 with repositioning of the dredge. Two hydraulic systems as described above will have a combined
2234 average production of approximately 25 cy/hour (8-inch dredge, 1,250 gpm, 6% solids, and 34%
2235 efficient). This is equivalent to an average production of 304 cy per day for two hydraulic dredge
2236 systems assuming a 12-hour operating schedule, after accounting for efficiency. Based on these
2237 assumptions, and assuming a 5-day per week work schedule and seven months of allowable
2238 work window, three to four seasons of dredging work would be required to complete dredging.

2239 Dredging will generally need to proceed in a manner that allows the segregation of several
2240 categories of material and works from higher levels of contamination to lower levels of
2241 contamination: PCBs \geq 50 ppm (for off-site TSCA-permitted disposal), $1 \leq$ PCBs $<$ 50 ppm (for
2242 off-site RCRA D disposal), and PCBs $<$ 1 ppm for on-site beneficial reuse or off-site non-
2243 TSCA/RCRA D disposal or beneficial reuse. Segregation of materials is an additional factor that
2244 reduces efficiency further. Dredged materials meeting these criteria will require segregation on
2245 Site. Equipment will need to be decontaminated or flushed when moving from TSCA to non-TSCA
2246 areas.

2247 For purposes of cost estimating, it has been assumed that all sediments in the Tidal Flats would
2248 be removed via hydraulic dredging. However, it is feasible to excavate a portion of sediment from
2249 land in addition to hydraulic dredging. A long-stick excavator capable of reaching approximately
2250 75 ft could be used to allow for continued work at low tide for areas of the site which are most
2251 exposed at low tide and have the least number of workable hours for water-based equipment. It
2252 is estimated that 5,000 to 10,000 cy of material can be accessed from the dike and Causeway
2253 areas by a long-stick excavator. This material would need to be placed in off-road trucks and
2254 hauled to the staging area for gravity dewatering and solidification. This option has the potential
2255 to reduce the overall time required to complete the alternative by 1 to 2 months.

2256 Sediment removal areas have been assumed to be adequately delineated based upon previous
2257 sampling efforts and the remediation footprint presented in the Sediment Endpoints Report (Amec
2258 Foster Wheeler 2017). Limited additional sampling will be required prior to design to better define
2259 the limits where changes in the dredge prism depths occur. Removals will occur based on meeting
2260 bathymetric targets as determined by previous sampling activities.

2261 **Processing and Dewatering** – Two options for dewatering have been retained for the hydraulic
2262 dredging option based upon treatability tests for purposes of this FFS. Both Geotube dewatering
2263 and belt filter press dewatering have been evaluated as options based upon results of bench-
2264 scale treatability testing (**Appendix C, Kemron report Section 4.0, Table 2, Section 7, Table 5**);
2265 however, additional mechanical dewatering options that may be available to remedial contractors



2266 include a variety of proprietary dewatering systems such as Hi-G and Genesis. The belt filter
2267 press was selected to represent the mechanical dewatering technologies because in initial tests
2268 on polymer treated slurry, belt press outperformed both the recessed chamber press and the
2269 centrifuge, based on cake percent solids (53% for belt press, 42% for centrifuge, and 43% for
2270 recessed chamber at 100 psi). In subsequent tests performed for the recessed chamber press
2271 (baroid) on untreated slurry (no polymer) at pressures of 100 psi and 125 psi, the recessed
2272 chamber achieved cake percent solids of 66% at both the 100 and 125 psi pressures and 49% at
2273 125 psi. The actual polymers to be used for purposes of dewatering and water treatment will be
2274 determined by the selected remedial contractor and will be dependent on the actual technologies
2275 selected and contractor preference. Additional testing by the contractor will likely be required.

2276 **Belt Press Dewatering (Option 2A)** - It is anticipated that mechanical separation equipment and
2277 a series of 2.2-meter belt filter presses will be used for dewatering dredged materials at the Site.
2278 The incoming slurry will be dewatered in real time and will match the production of the dredge.

2279 Once the material is in the slurry and transferred to the staging area, it will undergo size separation
2280 using mechanical separation equipment followed by mechanical dewatering of the finer particulate
2281 sediment. For purposes of this FFS, belt filter press technology has been selected as a
2282 mechanical dewatering method to represent several process options that were evaluated in the
2283 treatability study (**Appendix C**, Section 7.1.1 and **Appendix C, Attachment C**, Kemron
2284 Treatability Report). For purposes of this FFS, it has been assumed that the slurry will be pumped
2285 to a series of screens and hydrocyclones that will separate the coarse fraction (sieve size 200+)
2286 to “de-sand” the material, leaving behind the finer materials (silt and clay fractions or sieve size
2287 200-) which can then be dewatered by the belt filter press. The coarse material will be stockpiled
2288 and allowed to gravity dewater. The fine material slurry at approximately 8% solids that passes
2289 the #200 sieve will be conditioned with a polymer and will proceed to a high-pressure, continuous
2290 feed belt press capable of obtaining pressures of approximately 200-500 psi (e.g., BP-1900 2.2
2291 M Andritz SMX-7 or similar) and pressed to provide a filter cake averaging 50-60% solids. The
2292 current recommendation from treatability testing is for addition of “Solve 137” (an organic cationic
2293 polymer) made down to a concentration of 0.5% added at a rate of 2.3 lbs/dry ton of solids to the
2294 slurry. Initial treatability study results indicated that a belt filter press resulted in filter cake that
2295 passes paint filter testing and achieved 53% solids (**Appendix C, Attachment C**, Kemron
2296 Treatability Report). Treatment of water generated from the dewatering process is discussed in
2297 greater detail below.

2298 The dewatered fines fraction filter cake should undergo additional testing to verify the
2299 concentrations of site contaminants are suitable for on-site beneficial re-use or other respective
2300 disposal categories due to the potential for contaminants (particularly PCBs) to adhere to the fine
2301 sediment particles. Given that in general, tidal flats sediment is at least 60 to 80% fine material
2302 in situ, the concerns over concentration of contaminants in the fines fraction is relatively limited
2303 but nonetheless should be monitored for any dewatering technology that relies upon size
2304 separation.

2305 **Odor Control.** During any dredging project, there is potential for odor generation from the
2306 various components of dredging and dredge material management processes. Generally, odor



2307 from sediments will be caused by anaerobic bacteria decomposing organic matter, ultimately
2308 producing hydrogen sulfide (H₂S) which has the following characteristics and sources:

- 2309 • H₂S is a colorless gas that is heavier than air, poisonous, corrosive, flammable, and
2310 explosive.
- 2311 • H₂S is relatively harmless at low concentrations, however, at higher concentrations the
2312 human nose is desensitized to H₂S odor, and consequently a person cannot detect its
2313 presence by smell alone. OSHA sets the permissible exposure limit (PEL) for H₂S.
- 2314 • H₂S can be detected and is a risk at the point of dredging, on dredges, in barges, dredge
2315 slurry, processing operations, offloading operations, and within any enclosed spaces
2316 such as treatment, storage, and handling facilities;
- 2317 • Hydraulic transport of slurry can generate significant concerns at the point of discharge
2318 due to agitation and accumulation of H₂S within the pipeline, and
- 2319 • Combined sewer outfalls, deeper dredge cuts, and clay can often be potential higher
2320 sources of H₂S risk which are generally not expected at SAEP.

2321 The following typical methods can help reduce or eliminate odors generated from dredging,
2322 material handling, dewatering, and water treatment:

- 2323 1. Dredging the sediment will expose the odor causing anaerobic bacteria to oxygen,
2324 reducing the potential to produce odor causing substances and air stripping the H₂S. In
2325 the absence of implementing other odor control techniques, odor will decrease naturally
2326 through this mechanism over time.
- 2327 2. Increasing pH of sediment, slurry or water will stop off-gassing of H₂S. The addition of
2328 Portland Cement or other alkalizing reagents (lime, calciment, caustic soda, etc.) will
2329 have an odor reducing effect by increasing the pH.
- 2330 3. Adding oxidizers such as permanganate, ferric chloride, ferric sulfate, peroxide, or
2331 chlorine bleach to sediment, slurry, or water treatment applications as appropriate will
2332 reduce the generation of H₂S and/or oxidize sulfide to sulfate. Other concerns related to
2333 these chemicals include how would they be added to sediment (or water), what are the
2334 costs, will there be other nuisance odors generated, and what are the health and safety
2335 concerns.
- 2336 4. Cover sediment stockpiles with Rusmar foam or similar. This will contain and mask the
2337 odors but will not neutralize them. Foam odor control agents are often used on MGP site
2338 remediation projects and control of odors from municipal solid waste transfer stations,
2339 which have extremely strong objectionable odors and can be easily adapted for use with
2340 sediment management.



2341 5. Other methods such as air release systems and venting systems coupled with air
2342 treatment for enclosed spaces or targeted air handling systems over operation can be
2343 necessary (e.g., “Sprung” structure).

2344 Based upon experience at other sites, the combination of oxidation during dredging and
2345 processing, processing with Portland cement or similar, and controlling odors with odor control
2346 foam or misters, would generally be sufficient in even the most sensitive projects. The Design and
2347 Contractor work plans will address the final methods to be selected for odor control that are
2348 specific to the final work methodologies.

2349 **Geotube Dewatering (Option 2B)** - The dredged slurry will be pumped directly into Geotubes
2350 for dewatering. Typically, polymers are added to the slurry to aid in coagulation and flocculation
2351 with the Geotubes to enhance filtration. As described in Section 3, Geotubes are large filter fabric
2352 bags which can accept a wide variety of dredged materials. Initial dewatering occurs as a result
2353 of solids flocculation, settling, and pressure from filling the bags. Following this initial dewatering,
2354 the bags are stockpiled on top of one another, allowing gravity to generate pressure and continue
2355 to squeeze water from the sediment over longer periods of time. Ideally, the Geotubes should sit
2356 for 30 to 45 days or longer, and, if possible, through a winter to allow additional dewatering from
2357 the freeze/thaw cycle. Following dewatering, the sediment would either be left on-site or
2358 excavated from the Geotubes and transported off-site. Treatability testing following the PGT
2359 (pressure-gravity drainage test) protocol showed that a starting slurry (conditioned with 2.3 lbs of
2360 Solve 137 polymer per ton of dry solids) containing 6% solids can be dewatered to 49% solids
2361 and pass the paint filter test, which is sufficient for off-site disposal (**Appendix C**, Attachment C,
2362 Kemron Treatability Report, Section 5.2 and Table 3).

2363 **Water Treatment and Discharge** - Fluids generated from dewatering processes will be collected
2364 and pumped to a water treatment system capable of treating influent to concentrations acceptable
2365 for discharge back into the Housatonic River adjacent to the Site. For purposes of this feasibility
2366 study, it has been assumed that water treatment will consist of equalization, initial chemical-aided
2367 settling, bag filtration, carbon adsorption, and final filtration. The estimated flow rate of the water
2368 treatment system has been calculated to be approximately 2,000 gpm. Based on the results of
2369 the treatability testing, dissolved metals may not be below state chronic marine standards (CT SB
2370 standards); however, because a dilution factor has not yet been determined (ERDC is developing
2371 a modeling to support appropriate dilution factors), it has been assumed that filtration to a finer
2372 size than 0.45 μ may be needed to remove adhered particulates sufficiently to meet these
2373 standards without accounting for possible allowable dilution (**Appendix C, Section 7.1.3** and
2374 **Tables C-13** and **C-14**). This assumption will need to be reassessed based upon substantive
2375 compliance with water quality certification requirements from CT DEEP. In the event of an indirect
2376 discharge to the Housatonic River through the Stratford WWTP (located just north of the site), an
2377 evaluation of the impacts to the WWTP would need to be completed in addition to the assessment
2378 of the impacts of discharge to the Housatonic River.

2379 In addition to comparison to numerical standards for site contaminants and other parameters,
2380 whole effluent toxicity (WET) testing will be required after selection of the final dewatering
2381 chemistry by the remedial contractor in accordance with narrative standards requiring waters and
2382 sediments to be free from toxicity [RCSA 22a-426-4(a)(5)].



2383 For PCBs, treatability results generally showed dissolved PCBs meeting standards (see
2384 **Appendix C, Tables C-3** through **C-5** for elutriates, and **C-12** for dewatering fluids); however, for
2385 the belt press, PCBs exceeded the state standard of 0.03 ug/L in the dissolved sample. Therefore,
2386 to ensure that dissolved PCBs or other organic contaminants do not exceed discharge standards,
2387 a polishing treatment step including activated carbon has been assumed. Additional water
2388 treatment tests have shown that filtration alone at the 0.1 μ size is effective at reducing PCBs to
2389 acceptable levels. However, for purposes of this FFS, it has been assumed that filtration coupled
2390 with activated carbon is necessary to achieve the required standards (not accounting for possible
2391 dilution) as PCBs may be preferentially sorbed to sediments and in the dissolved phase. In
2392 addition, of note is that in the belt filter press sample, PCBs in the filtered sample exceeded the
2393 TSCA treatment criterion of 0.5 μ g/L for discharge to a water body, suggesting that treatment may
2394 be required regardless of dilution to meet this standard (see **Appendix C Tables C-12, C-13, and**
2395 **C-14**).

2396 Treated water meeting discharge standards would be discharged via a discharge line running
2397 along the Causeway and discharging into deeper areas of the Housatonic River adjacent to the
2398 site. A flow diffuser would be included, if necessary, to meet water quality certification
2399 requirements and enhance dilution at the discharge area.

2400 **Disposal and Beneficial Re-Use** - The final step of dredged material processing is to dispose of
2401 or beneficially reuse the sediment on-site. All TSCA-regulated sediment will be dredged,
2402 processed, and stockpiled separately. Once dewatered, this sediment will be loaded onto haul
2403 trucks and sent off-site for disposal at a RCRA D and TSCA-permitted facilities based upon PCB
2404 concentrations. For purposes of this FFS, it has been assumed that the US Ecology Wayne
2405 Disposal facility in Michigan can accept the material.

2406 Non-TSCA sediment (containing less than 1.0 mg/kg PCBs and otherwise meeting CT RSR
2407 residential soil standards) will be managed in one of two ways pending further negotiations and
2408 approvals:

2409

- ▶ The first option is to beneficially reuse sediment on-site in the future. Under this
2410 scenario, the Army has assumed that an agreement with the developer will be in place
2411 which specifies that the developer will use the processed dredged materials as fill on
2412 site and that the Army will transfer ownership of the stockpile to the developer following
2413 completion of the tidal flats dredging project. Once dewatered, sediment would be
2414 placed in a stockpile suitable for long-term storage and future use as fill material.
2415 Sediment stockpiled on-site for future use will need to be protected against erosion
2416 and migration of contamination. An engineered soil cover will be needed over the
2417 stockpile, consisting of either a “spray-on” long-term foam which forms an
2418 impermeable cover (like a polyethylene liner) or top soil and seed (“loam and seed”).
2419 For purposes of this FFS it has been assumed that the stockpile would be covered
2420 with loam and seeded and would require annual inspections for five years to verify that
2421 erosion is not occurring. These requirements would be outlined in a stockpile
2422 maintenance plan that would be developed and implemented to ensure proper
2423 maintenance of the stockpile until the materials are re-used on-site by the developer.
2424 Final placement of the stockpile will be identified during design, developed in



2425 conjunction with future land owner preferences, and approved by CT DEEP prior to
2426 mobilization to address regulatory requirements regarding engineering controls and
2427 land use restrictions.

2428 ► For purposes of Alternative 2, it has been assumed that no additional processing
2429 beyond dewatering to meet the paint filter test would be necessary for sediments
2430 stored on site for future re-use. Results of leachability testing show the raw sediment
2431 and filter cake from both the belt press and Geotube to meet state groundwater B
2432 standards as measured via the SPLP test. This option would provide the most flexibility
2433 for future use of the sediments on the site (see **Appendix C** Section 4.0 and **Table C-**
2434 **8**).

2435 ► The second option for sediment disposition is off-site disposal. Once the sediment is
2436 dewatered and passes the paint filter test, the sediment will be loaded into haul trucks
2437 and disposed of off-site at the appropriate landfill based on characterization testing
2438 results and landfill acceptance requirements. Based on results of treatability testing,
2439 both filter pressing and Geotube dewatering yielded dewatered sediments that pass
2440 the paint filter test without the need for additional drying agents such as Portland
2441 cement or Calciment. In addition, it has been assumed that additional strength
2442 development of the dewatered sediments is not necessary to meet disposal facility
2443 requirements. Therefore, the addition of drying and/or strengthening agents has not
2444 been included for sediments being disposed of off-site. However, the addition of
2445 Calciment or other drying agents may provide a benefit by reducing the possibility of
2446 the release of liquids during transport and should be considered during design. Dump
2447 trailers used for transport are loaded to approximately 32 tons per truck (approximately
2448 6,000 to 7,000 loads of processed sediment). For purposes of this FFS, it has been
2449 assumed that processed sediment meeting RCRA Subtitle D disposal facility
2450 requirements would be transported to and disposed of at Waste Management's
2451 Turnkey Landfill in Rochester, NH (see **Appendix C** Section 5.0 and **Table C-9** for
2452 hazardous waste characteristic results).

2453 Additionally, if the dredged material described above cannot be used on-site as fill material after
2454 initial placement on-site and must be removed, it would be loaded into dump trailers trucks and
2455 transported as described above to appropriate disposal facilities. This process would be
2456 essentially identical to that describe above as the second sediment management option except
2457 for the need to re-excavate the material.

2458 Additional options may be available for off-site beneficial re-use of project sediments at the time
2459 of project implementation. These options should be considered and investigated during design
2460 and by remediation contractors when bidding the project. Within the state of CT, disposal as
2461 "polluted soil" under the state's polluted soil standards may be an option for the treated sediments.
2462 Under this regulation, soils containing low level detections of organic and inorganic substances
2463 may be used as fill at permitted sites within the state (if certain requirements are met, including
2464 approval by the Commissioner of CT DEEP). Disposal or re-use of dredged materials in this
2465 manner can be a cost-effective solution for disposal.



2466 **Backfill and Restoration** – Upon completion of sediment dredging and when the dredge area is
2467 approved for backfill placement, the northern staging area or another approved staging area on-
2468 site will be decontaminated and prepped for backfill delivery and stockpiling. Backfilling of the
2469 dredged area in this alternative will occur mechanically. Backfill material will be delivered and
2470 stockpiled near the Causeway. A Telebelt or similar will be positioned at the base of the
2471 Causeway. The Telebelt will load shallow draft sediment barges which will then be positioned
2472 next to the mechanical dredge. The dredge will reverse operations and place backfill material to
2473 the designed elevations. The material will be placed in thin lifts over the dredge area to design
2474 elevations. For purposes of the FFS, it has been assumed that a sand material will be used as
2475 backfill material, similar to, but generally slightly coarser than, the existing material which is
2476 predominantly silt. Silt and clay backfill material can be difficult to place due to material loss to the
2477 water column which causes excessive turbidity. In addition, finer material can be less stable and
2478 susceptible to erosion and/or movement and deposition, particularly in the Tidal Flats. Final
2479 backfill elevations have been assumed to be one foot below the pre-existing mudline with no
2480 backfill placed in the areas with 1-foot removal areas, which will allow for natural siltation to occur
2481 and bring elevations back to pre-existing conditions over time with silty material.

2482 For purposes of this FFS, it has been assumed that backfill restoration would be performed
2483 sequentially following dredging of all areas. However, it is likely that the site will be broken into
2484 certification units (CU), so that upon completion of one unit (for example, a five-acre area) based
2485 on meeting bathymetric and confirmation sampling requirements, backfill could begin in that area.
2486 The sequencing and location of the CUs would need to be determined in a logical fashion during
2487 design and/or contractor work plan development to account for factors such as dredging lanes,
2488 residuals management, cross contamination from migration of resuspended sediments, and other
2489 factors unique to the site. The turbidity management program would need to be developed to
2490 address these concerns which may include adjustment of monitoring station location and
2491 placement of additional engineering controls to minimize cross-contamination. With a separate
2492 crew and equipment, it is possible to reduce the project schedule considerably using this method.

2493 Establishing CUs is typically completed during design and document in a Basis of Design Report;
2494 therefore, this FFS does not include the development of CUs. Typically, CUs (management units)
2495 are formed either by regulatory requirement based on metrics specific to the type of dredging
2496 project. For a sediment remediation project like SAEP, CUs would likely be based on operational
2497 metrics (i.e., 1 acre or 5 acres), over which say dredging, confirmatory sampling, and
2498 capping/backfilling remediation components can efficiently be completed. The sequencing of CUs
2499 and procedures to address potential for cross-contamination would need to be addressed in the
2500 design and acceptance of contractor work plans. The use of CUs will be critical to compression
2501 of the schedule so that simultaneous dredging and backfill can occur according to the approved
2502 plan.

2503 The salt marsh areas within the Tidal Flats and OF-008 will be restored to pre-remediation
2504 conditions. When restoring a salt marsh, consideration of physical, hydrological, and biological
2505 conditions is critical. This is best done by thoroughly understanding the current conditions which
2506 allowed the salt marsh to become established. In addition, identifying a reference salt marsh is
2507 also critical to provide a point of comparison for the restored salt marsh.



2508 The initial step is to establish the edge of the marsh and restore the elevations, which are based
2509 on current and reference marsh elevations. Where existing marsh currently exists in small
2510 patches and along the shore within the Tidal Flats and OF-008, the seaward edge of these small
2511 marsh 'islands' and salt marsh bands would be where the edge of the restored marsh would begin
2512 and would continue landward to the rocky shore. This would likely increase the net area of
2513 restored salt marsh but would be the most ecologically sound and logical restoration approach.
2514 To establish the edge of the marsh, clam and oyster shell filled biodegradable bags (or similar
2515 materials) would be staked in place and then a sandy silt material would be backfilled up to the
2516 pre-established marsh elevation. Once the back fill has been placed and the elevation has been
2517 restored the hydrology should be consistent (i.e., tide cycle flooding and exposure) with existing
2518 conditions.

2519 Restoring the salt marsh vegetation with the same species of plants is also critical, as is where
2520 the marsh vegetation is replanted, as different salt marsh plant species occur on the salt marsh
2521 based on tolerance to several factors including tidal inundation and salinity. For instance,
2522 saltmarsh cord grass (*Spartina alterniflora*) typically grows along the edge of the salt marsh and
2523 tidal creeks and salt hay (*Spartina patens*) typically grows in the inner and upper salt marsh. The
2524 source of plant material to reestablish the salt marsh can be purchased from commercial sources;
2525 however, it should be augmented if possible with plugs taken from adjacent or nearby salt marsh.

2526 The salt marsh restoration as generally described above would require a detailed Restoration
2527 Plan that would include a Restoration Monitoring Plan with five years of post-restoration
2528 monitoring and a robust invasive species mitigation plan. The details of the Restoration Plan and
2529 Restoration Monitoring Plan will be developed during remedial design and will include the
2530 following elements at a minimum:
2531

- 2532 • Material Selection and Testing including physical and chemical acceptance criteria;
- 2533 • Placement methods including the requirement to place all materials within turbidity
2534 management areas;
- 2535 • Vegetation types and methods for re-establishment, and applicable areas; and
- 2536 • A five-year monitoring plan to document vegetation restoration success which would
2537 include recommendations for additional care as necessary.

2538 **Demobilization** - Upon approval of the final backfill, the staging area(s) and all impacted areas
2539 will be returned to preconstruction conditions. All equipment will be demobilized from the Site,
2540 including dewatering equipment, heavy construction equipment, dredges, and barges. All
2541 facilities constructed for the purposes of remedial operations will need to be removed from the
2542 site and disposed of, including staging areas, dewatering areas, asphalt material, trailers, and any
2543 other site facilities.

2544 **5.1.1.2 OF-008**

2545 Remediation of OF-008 includes mobilization of a long reach mechanical excavator, off-road
2546 transport trucks, sheet pile material and related installation equipment such as cranes, and



2547 construction of temporary roads. It is anticipated that the staging area used for dredging of the
2548 Tidal Flats will be used for staging, dewatering, and processing of sediments excavated from the
2549 OF-008 ditch prior to on-site placement and/or off-site disposal.

2550 **Site Preparation** - Prior to excavation, a temporary access road will be constructed along the
2551 west side of the drainage ditch which will allow for access by the long-reach excavator for most
2552 of the channel. At the head of the ditch, near the southern parking lot and staging area, the ditch
2553 is much wider and a second access road approximately 200 ft long along the east bank will be
2554 required to reach all parts of the ditch (see **Figure 5-1**). The temporary access road will be
2555 constructed directly over the existing surface and will consist of a geotextile liner followed by
2556 placement and compaction of 2 ft of dense-grade aggregate.

2557 The OF-008 work area is approximately 350 feet from the end of the Sikorsky Memorial Airport.
2558 Based on a limited analysis, sheetpile installation (crane use), sediment excavation, and transport
2559 activities for Outfall 008 will be within the approach zone to the airport, requiring the project will to
2560 file with the FAA for an airspace analysis. Special airport lighting, flagging, and equipment
2561 restrictions may be implemented based on the final design and construction coordination and
2562 construction start and notifications. Filing must be initiated at least 45 days prior to construction

2563 **Water Control** - To control stormwater entering the ditch from the outfall itself, a temporary
2564 pumping station will need to be constructed to divert water to the Marine Basin to the southeast.
2565 There are several methods for constructing this pumping station; however, for purposes of this
2566 FFS it has been assumed that sheet piling will be installed around the outfall to isolate the flow.
2567 Erosion control material consisting of riprap or large stone and a pump would be installed at the
2568 outlet. Water would then be pumped and discharged to the Marine Basin. A sampling plan would
2569 be implemented for the dewatering activities to ensure the water is free of entrained contaminants
2570 prior to discharge to the Marine Basin. A flow diffuser and sediment trap or other BMP would be
2571 installed to reduce any erosion at the pump discharge point. This pumping station would need to
2572 be operated during the length of the remediation.

2573 Water entering from flood tides will also need to be controlled. Based on observations made
2574 during two site visits conducted in February and October 2017, and based on conversations with
2575 site maintenance staff, tidal waters enter the OF-008 drainage ditch from both the adjacent airport
2576 drainage ditch and through the existing non-functioning gate at the ditch's outlet. Both of these
2577 sources of water will need to be controlled. As part of the remediation, the nonfunctioning tidal
2578 gate could be replaced or repaired so that it could be shut, sealing out tidal waters during
2579 remediation. Following remediation, it could then be returned to a normal open position depending
2580 on the desired level of interaction between the estuarine water and the ditch. Other methods to
2581 temporarily block tidal flow include installation of sheet piles landward of the tidal gate, or
2582 temporarily sealing the gate with inflatable pigs or grout. As-built drawings of the tidal gate are
2583 not available; therefore, the exact method will need to be determined during design or bidding. In
2584 addition, the method to control water during remediation will be dependent upon the final
2585 restoration to be designed for the ditch. Following remediation, the ditch could be fully opened to
2586 the estuarine waters, allowing full tidal interchange with the entire ditch.



2587 To control water entering the OF-008 drainage ditch from the airport ditch, an earthen berm or
2588 sheet pile wall would need to be installed. Elevations of the crest of the existing berm between
2589 the two ditches are in some locations only approximately 2 ft above mean water. High tides
2590 routinely exceed 3 ft above mean water and may be as high as 4 ft during extreme tides and even
2591 higher during storm events. Therefore, the berm or sheets, need to have a top elevation
2592 approximately 6 ft above mean water to ensure adequate freeboard to cover most storms. In
2593 addition, final restoration of this area will depend upon the intended hydrologic function of the
2594 area (complete saltwater connection or isolated freshwater drainage ditch with functioning tide
2595 gate).

2596 **Sediment Removal** - Once the access road, temporary facilities, and water control structures are
2597 constructed, sediment removal can begin. Sediment within the drainage ditch will be excavated
2598 in the dry in sections. The exact length of each section will depend on the selected contractor's
2599 approach to the work. For purposes of this FFS, it has been assumed the work will be completed
2600 in three cells: two cells of approximately 600 ft each for the main stem of the ditch which runs
2601 approximately 1200 ft in a NNW to SSE direction and one cell for the E-W portion of the ditch
2602 which is approximately 400 ft long. Temporary sheet pile will be installed across the ditch and
2603 water will be pumped and/or diverted out or around the section being excavated. Generally,
2604 standing surface water will be pumped around and discharged to the Marine Basin without
2605 treatment; however, for water remaining in the bottom of the ditch, and for water which enters the
2606 ditch from groundwater seepage, treatment may be required before discharge to reduce turbidity
2607 and/or chemical contamination. A dedicated water treatment system for the initial and continued
2608 dewatering of OF-008 will be located at the southern staging area.

2609 Once the sheets are installed and the water is diverted, all debris discovered within the OF-008
2610 ditch will be removed and hauled to the staging area for off-site disposal. The horizontal limits of
2611 targeted sediment removal are defined by the 0.0 MSL topographic contour, which will need to be
2612 verified at the time of remediation. The targeted sediment thickness for removal is four ft;
2613 therefore, all sediment with mudline elevations at 0.0 ft MSL or lower will be removed to a depth
2614 of four feet below the existing mudline. Sediment will be excavated with a vertical accuracy of
2615 approximately 0.25 ft (3 in) and a horizontal accuracy of approximately 0.33 ft (4 in) using a
2616 precision long reach excavator with a 2 cy open digging bucket.

2617 Additional removal above 0.0 MSL will be necessary to create stable side slopes (see **Figures**
2618 **2-12 through 2-15**). Beginning at the -4.0 ft MSL elevation (which is the vertical extent of
2619 excavation at the 0.0 ft MSL limit), sediment will be removed with an assumed side slope of 2V:1H
2620 upward from the -4.0 MSL point until the slope daylights at the surface on both sides of the ditch.
2621 This material will require segregation and characterization like the targeted sediments.

2622 The excavator will be outfitted with a Real Time Kinematic and Differential Global Positioning
2623 System (RTK-DGPS) that uses a series of inclinometers and sensors for precise location and
2624 monitoring of the bucket. This method of excavation will provide a high degree of accuracy and
2625 precision while removing sediments with percent solids concentrations near in situ values. It is
2626 anticipated the contractor can maintain 50% working efficiency with appropriate coordination. The
2627 production of the excavator is defined by the capacity of the bucket, the average grab of each
2628 bucket, the dig-swing-empty-reposition cycle time of the excavator, and the anticipated downtime



2629 associated with repositioning equipment. The mechanical system described above will have an
2630 average production of approximately 12 cy/hour (2 cy bucket, 60% full, 3-minute cycle time, and
2631 50% efficiency), which is equivalent to 144 cy per 12-hour shift. Therefore, the length of time to
2632 complete the excavation portion of the work is estimated at approximately 3 weeks per cell, or a
2633 total of 9 weeks of excavation work.

2634 Excavated sediment will be loaded into watertight Moxy MT-31 end dump trucks (or similar) with
2635 covered beds (or similar) positioned on the temporary road. The trucks will drive to the staging
2636 area(s) where the sediment will be processed. For TSCA-regulated sediments (i.e., concentration
2637 of 1.0 ppm PCBs or greater), material will be staged for gravity drainage to allow for the maximum
2638 amount of dewatering. Dewatering fluids will be captured and treated along with other waters
2639 from the site prior to discharge. Following dewatering of the TSCA-regulated sediment to the
2640 extent feasible, 6% Portland cement by weight will be mixed with sediment to eliminate any
2641 remaining free water and strengthen the sediment (this approach is intended to meet the
2642 substantive requirements of a TSCA risk-based approval from U.S. EPA following 40 CFR 761(c).
2643 For non-TSCA sediments, gravity drainage is not necessary, and sediments can be solidified
2644 immediately following placement at the staging area with 6% Portland cement. Based on
2645 treatability testing completed for Tidal Flats sediments, it was found that gravity drained sediments
2646 will not sufficiently dewater to pass the paint filter test in a reasonable amount of time; therefore,
2647 amendments have been assumed to be necessary to reduce free liquids for drainage ditch
2648 sediments (**Appendix C, Attachment C**, Kemron Treatability Report Section 6 Table 4 for gravity
2649 drainage results and Section 8.0, Table 6 for solidification test results and **Appendix C Table C-**
2650 **15** for leaching test results on solidified sediments). However, because the OF-008 drainage
2651 ditch sediments likely differ from the Tidal Flats sediments, it may be possible to fully or partially
2652 dewater the sediment via gravity drainage to reduce or eliminate additives necessary. Additional
2653 treatability testing may be required as part of bidding to determine if gravity drainage will be
2654 effective and what the exact percentage of stabilization agent to be mixed is. Once mixed,
2655 sediment will be stockpiled and allowed to cure prior to paint filter testing.

2656 Sediment removal areas are assumed to be horizontally and vertically delineated prior to
2657 dredging. However, additional delineation is recommended for Outfall 008 during pre-design or
2658 pre-construction to more accurately delineate the limits of TSCA- and non-TSCA-regulated
2659 material and establish the vertical limits due to the limited number of samples available. An
2660 elevation of 0.0 MSL has been assumed for purposes of the FFS for vertical removal limits.
2661 Sampling would be needed to verify the vertical limits of PRG exceedances. The proposed
2662 remedial alternatives do not include confirmation sampling or residual dredging in the cost or
2663 schedule for Outfall 008.

2664 All sediments containing 1.0 ppm or greater of PCBs will be excavated, processed, and stockpiled
2665 separately for either off-site RCRA D disposal (sediments greater than or equal to 1 ppm but less
2666 than 50 ppm) or TSCA-permitted facility disposal (sediments greater than or equal to 50 ppm).
2667 Once processed and dewatered at the staging area, this sediment will be loaded into on-road
2668 trucks and sent off-site for disposal at a RCRA D or TSCA approved landfill. For purposes of this
2669 FFS, it has been assumed that TSCA materials will be shipped to the US Ecology Wayne Disposal
2670 facility in Michigan.



2671 Non-TSCA sediment will be managed in one of two ways (on-site beneficial re-use or off-site
2672 disposal) pending further negotiations and approvals as described above for the Tidal Flats
2673 sediments.

2674 Water generated from the staging area will be collected and pumped to an on-site water treatment
2675 system consisting of settling, filtration, and carbon adsorption. Treated water meeting discharge
2676 requirements will be discharged back to the Marine Basin near the tidal gate at the end of the
2677 OF-008 drainage ditch.

2678 Once all sediment is excavated in the sheeted area and the area is approved, equipment and
2679 trucks will be decontaminated and prepped for backfill. The backfill material will be loaded into
2680 transport trucks where it will be driven down the temporary access road alongside the drainage
2681 ditch. The excavator will reverse operations and place backfill material to the appropriate
2682 elevations. For purposes of this FFS, it has been assumed that the backfill material will include
2683 3 ft of common fill overlain by a 1 ft layer of sandy organic material. Erosion control matting and
2684 seeding will be installed along the upper portions of the bank. Depending on requirements for
2685 restoration of the bank, and the type of environment (saltwater or freshwater), appropriate plant
2686 species and erosion protection will be installed as part of the restoration process.

2687 Once the area has been completely backfilled and approved, the area will be hydrated, and
2688 excavation will continue on the next section of the drainage ditch. This process will continue in
2689 sequence until all dredge and backfill has been completed.

2690 Upon approval of the final backfill, the staging area(s), temporary access road, and all impacted
2691 areas will be returned to preconstruction condition. All water control structures will be removed,
2692 and any remaining flooding of remediating areas will occur in a controlled fashion. It is assumed
2693 based on preliminary discussions with CT DEEP that the tidal gate between the Outfall 008
2694 drainage ditch and Marine Basin will be removed upon completion of the remediation to allow the
2695 full circulation of tidal waters to enter the Outfall 008 drainage ditch (Appendix D). Equipment will
2696 be demobilized from the Site.

2697 **5.1.2 Alternative 3**

2698 **5.1.2.1 Tidal Flats**

2699 Alternative 3 includes the following remedial elements:

- 2700 ▶ Mobilization
- 2701 ▶ Site preparation
- 2702 ▶ Mechanical debris removal
- 2703 ▶ Mechanical dredging and mechanical transfer of the Tidal Flats sediments
- 2704 ▶ Mechanical placement of backfill



- 2705 ▶ Gravity dewatering
- 2706 ▶ Solidification
- 2707 ▶ On-Site beneficial re-use (stockpiling) of sediments containing <1.0 mg/kg PCBs
- 2708 ▶ Off-site disposal of sediments containing ≥ 1.0 m/kg PCBs or off-site disposal of all
- 2709 sediments
- 2710 ▶ Site restoration
- 2711 ▶ Demobilization

2712 **Figure 5-3** provides a conceptual layout of equipment, transport routes, and processing and
2713 disposal areas for Alternative 3. **Figure 5-4** provides a conceptual process flow diagram for the
2714 main components of Alternative 3.

2715

2716 **Mobilization** – Mobilization for Alternative 3 will be as discussed above for Alternative 2; however,
2717 Alternative 3 also includes a mechanical dredge (rather than a hydraulic dredge), shallow draft
2718 barges, transport trucks, floating temporary water treatment system (rather than a land-based
2719 water treatment system and dewatering equipment as required for hydraulic dredging), crane
2720 barge, construction of temporary roads, and a pugmill. It is anticipated that the staging area
2721 located to the south of the site will be prepared and used for gravity dewatering and stabilization
2722 of the material prior to on-site placement and/or off-site disposal.

2723 **Site Preparation** - as discussed in Alternative 2. Prior to dredging and offloading, a temporary
2724 access road and drip apron will be constructed on the Causeway. The temporary access road
2725 will be constructed directly over the existing surface of the Causeway and will consist of a
2726 geotextile liner followed by compacted dense-grade aggregate. The drip apron will be designed
2727 to catch and contain any water and dredge material that may fall during transloading from barges
2728 to trucks.

2729 A static load analysis (Appendix E) was performed on the Causeway to determine the maximum
2730 allowable static load, given the current data and information available. It was determined that if
2731 a 2 ft thick and 20 ft wide construction access road was installed on top of the existing Causeway,
2732 the maximum allowable static surcharge load with an adjacent 4 ft deep dredge cut would be
2733 approximately 500 pounds per square foot, exceeding the typical loading expected from loaded
2734 off-road trucks. Additional modifications to the Causeway, such as the use of a geogrid and/or
2735 crane mats can further increase the load capacity. For this reason, the Causeway was considered
2736 a feasible loading/offload alternative.

2737 An additional analysis should be completed as part of design for sediment removal from the Tidal
2738 Flats to analyze dynamic loading and its impacts, including any protective measures that may be
2739 needed for the marine mattresses which armor the edges of the Causeway cover system.



2740 **Tidal Flats Dredging** - This alternative includes mechanical dredging using a precision low
2741 turbidity level cut environmental clamshell bucket which limits the amount of “overdredge”
2742 necessary to meet bathymetric targets while reducing the amount of excess water entrained in
2743 comparison to hydraulic dredging removal methods. Sediment will be dredged with a high degree
2744 of accuracy using a barge mounted precision excavator or a barge mounted crane coupled with
2745 a 3.5 cy level-cut sealed environmental clam shell bucket. The mechanical dredge(s) will be
2746 outfitted with a RTK-DGPS that uses a series inclinometers and rotation sensors for precise
2747 location and monitoring of the dredge bucket. This method of dredging will provide a high degree
2748 of accuracy and precision for removing sediments while maintaining solids content close to or
2749 slightly lower than the in-situ percent solid concentrations.

2750 Typical shallow draft barges will draft 2 to 3 ft. For this reason, the selected remedial contractor
2751 will be required to closely monitor tides and schedule dredging operations to minimize downtime.
2752 It is anticipated the contractor can maintain 31% working efficiency over a 12-hour work day with
2753 the appropriate coordination. The production of a mechanical dredge is generally defined by the
2754 capacity of the bucket, the average grab of each bucket, the dig-swing-empty-reposition cycle
2755 time of the crane or excavator, and the anticipated downtime associated with repositioning of the
2756 dredge barge. Two mechanical systems as described above will have an average production of
2757 approximately 39 cy/hour (3.5 cy bucket, 60% full, 2-minute cycle time, and 31% efficiency) or
2758 469 cy per 12-hour shift. This type of dredge has a vertical accuracy of 0.2 to 0.5 ft and typically
2759 can achieve an average over dredge of approximately 0.2 ft which has been used for purposes
2760 of cost estimating. The additional over dredge and side slope volume is estimated at an additional
2761 16,100 cy above and beyond the neat volume which will be removed during dredging operations,
2762 processed, and disposed of or re-used. Based on these assumptions, and assuming a 5-day per
2763 week work schedule and seven months of allowable work window, two to three seasons of
2764 dredging work would be required to complete dredging.

2765 Sediment removal areas are assumed to be horizontally and vertically delineated prior to dredging
2766 except for a relatively minor amount of pre-design sampling to better define the transitions from
2767 one depth to the next for purposes of designing the dredge prism and to further delineate several
2768 areas at the 4 to 5 ft and 5 to 6 ft depths below mudline that had not been previously characterized.

2769 **Confirmation Sampling.** The proposed remedial alternatives will include confirmation sampling
2770 and re-dredging as necessary to address residuals and achieve PRGs. For cost-estimating
2771 purposes in the FFS, a set of assumptions have been developed for analysis purposes; however,
2772 a detailed confirmation sampling program outlining the criteria for compliance will need to be
2773 developed during the design process. The design will define the type and frequency of samples
2774 to be collected, the required statistical evaluations of the data, appropriate comparisons against
2775 the PRGs, and decision criteria for the amount/extent of re-dredging in the case of failures.

2776 For purposes of the FFS, it was assumed that following dredging to the initial required limits,
2777 confirmation samples would be collected on a roughly 200 ft by 200 ft grid (0.92 acres) in the
2778 areas of sediment removal. Samples would be collected from each grid, advancing cores from 0
2779 to 12” below the newly dredged surface to adequately characterize the material. Analytes would
2780 include the eight site target metals for ERM-Q calculations, PCBs, and Hg.



2781 Typically, compliance with the PRGs would be measured by grouping the results from a number
2782 of grid cells within a compliance unit and performing a statistical analysis of the data followed by
2783 comparisons against PRGs. The next step in the process would be to determine what if any
2784 additional removals are required to achieve compliance. Depending on the methodology selected,
2785 it may be acceptable for a limited number of individual samples to exceed the PRGs while the
2786 average over a compliance unit would not exceed the PRG or the appropriate statistical
2787 comparisons. The actual number of samples to be collected and grouped together, and the
2788 frequency and type of samples (discrete or composite) will be determined during design. In
2789 addition, for areas containing PCBs exceeding 1.0 mg/kg, the design process will allow for the
2790 development of a separate confirmation sampling program for PCBs, which could include different
2791 sampling methods, frequencies, and statistical comparisons.

2792 It has been assumed that additional dredging of one foot would be conducted at 10% of these
2793 areas within the target dredge footprint. Following removal of an additional one foot of material,
2794 another round of confirmation sampling will be conducted to document remaining concentrations;
2795 however, no additional dredging would be performed beyond the additional one foot and in no
2796 case would dredging below a depth of 6 ft be conducted. Confirmation sampling followed by
2797 residual dredging would ensure the following:

- 2798 • sediments resuspended during dredging and then redeposited onto the completed
2799 dredge surface would be sampled and potentially removed if in quantities sufficient to
2800 cause exceedance of PRGs (this is of particular importance when dredging within TSCA-
2801 regulated areas to ensure that any potential migration of PCBs is detected and addressed
2802 if necessary);
- 2803 • sediments initially targeted for removal but not removed during the dredging process
2804 would be sampled and potentially removed if in quantities large enough to cause PRG
2805 exceedances; and
- 2806 • sediments below target elevations that remain above PRGs that were not identified during
2807 site characterization efforts would be sampled and potentially removed.

2808 **Processing, Dewatering, and Water Treatment** - Dredged buckets of sediment will be loaded
2809 into one of three shallow draft barges, with sump basins in the corners of the barges to facilitate
2810 dewatering. Barge capacities will range from 100 to 200 cy.

2811 Once a barge is loaded to capacity, the loaded barge will be transported via push boat to the
2812 barge offloading area positioned at the end of the Causeway where adequate draft is available
2813 during the entire tidal cycle. The barge will be docked against a floating temporary water
2814 treatment system to remove surficial freestanding water. Water collected will be treated by
2815 pumping through a water treatment system capable of treating influent to levels acceptable for
2816 discharge back into the waterbody at the Site. Based on the results of treatability testing,
2817 treatment has been assumed to consist of settling, filtration, and carbon adsorption (**Appendix**
2818 **C, Section 7.1.3**). The assumed flow rate of the system is 250 gpm. Once the barge is sufficiently
2819 decanted of freestanding water, it will be moved to a floating spudded crane barge. The crane
2820 will offload the sediment barge using a clamshell bucket and place the sediment into water tight
2821 Moxy MT-31 end dump trucks with covered beds (or similar) positioned on the Causeway. The
2822 trucks will drive to the staging area where the sediment will be loaded into a pugmill to mix a



2823 precise ratio of Portland cement (PC). A percentage of 6% by weight of PC has been assumed
2824 as a stabilization agent to be mixed with sediment (**Appendix C, Section 7.3**). Once mixed,
2825 sediment will be stockpiled and allowed to cure to pass the paint filter test. TSCA sediments will
2826 be handled as described above for OF-008 and may require additional gravity dewatering on land
2827 to allow for dewatering to the maximum extent feasible prior to any solidification to comply with
2828 the substantive requirements of a TSCA risk-based approval under 40 CFR Part 761(c) (see
2829 Table 2-1).

2830 **Disposal** - All TSCA sediment will be dredged, processed, and stockpiled separately. Once
2831 dewatered, this sediment will be loaded onto haul trucks and sent off-site for disposal at a TSCA-
2832 approved landfill. For purposes of this FFS, it has been assumed that the US Ecology Wayne
2833 Disposal facility in Michigan can accept the material.

2834 Non-TSCA sediment will be managed in one of two ways pending further negotiations and
2835 approvals (see above for Alternative 2 for a description of the two options, which are on-site
2836 beneficial reuse as fill material and off-site disposal at a RCRA D landfill).

2837 Water generated from the staging area will be collected and pumped to the floating water
2838 treatment system for treatment and discharge back to the Housatonic River near the Site.

2839 **Backfill and Site Restoration** - Once all sediment is dredged and the area is approved, the
2840 staging area(s) will be decontaminated and prepped for backfill delivery and stockpiling.
2841 Backfilling of the dredged area will occur mechanically. The backfill material will be loaded into
2842 articulated trucks where it will be driven down the Causeway and off-loaded. The crane will load
2843 decontaminated sediment barges which will then be positioned next to the mechanical dredge.
2844 The dredge will reverse operations and place backfill material to the design elevations using the
2845 same precise RTK GPS system used during sediment removal activities.

2846 Upon approval of the final backfill, the staging area(s), temporary access road, and all impacted
2847 areas will be returned to preconstruction condition. Equipment will be demobilized from the Site.

2848 **5.1.2.2 Outfall-008**

2849 The remedial alternative for OF-008 is as described in Alternative 2 for all Alternatives at the Site.

2850 **5.1.3 Alternative 4**

2851 **5.1.3.1 Tidal Flats**

2852 Alternative 4 includes the following remedial elements:

- 2853 ▶ Mobilization
- 2854 ▶ Site preparation
- 2855 ▶ Mechanical debris removal



- 2856 ▶ Mechanical dredging
- 2857 ▶ Hydraulic pipeline transfer of the Tidal Flats sediments
- 2858 ▶ Mechanical placement of backfill
- 2859 ▶ Mechanical dewatering
- 2860 ▶ Belt filter press
- 2861 ▶ Geotubes
- 2862 ▶ On-Site beneficial re-use (stockpiling) of sediments containing <1.0 mg/kg PCBs
- 2863 ▶ Off-site disposal of sediments containing ≥ 1.0 m/kg PCBs or off-site disposal of all
- 2864 sediments
- 2865 ▶ Site restoration
- 2866 ▶ Demobilization

2867 **Figure 5-5** provides a conceptual layout of equipment, transport routes, and processing and
2868 disposal areas for Alternative 4. **Figure 5-6** provides a conceptual process flow diagram for the
2869 main components of Alternative 4.

2870 **Mobilization** - as discussed in Alternative 2 and 3, and includes mobilization of a mechanical
2871 dredge, crane barge, mechanical dewatering equipment, and a land-based water treatment
2872 system. It is anticipated that the north staging area will be prepared and used for dewatering of
2873 the material prior to on-site placement at the south staging area and/or off-site disposal.

2874 **Site Preparation** - as discussed in Alternative 2.

2875 **Tidal Flat Dredging** – This alternative includes mechanical dredging technology as discussed in
2876 Alternative 3, with the ability to hydraulically transfer the dredged sediment. Alternative 4 requires
2877 a larger dredge barge to accommodate the onboard slurry box and pump. It is anticipated the
2878 contractor can maintain 26% working efficiency over a 12-hour work day with the appropriate
2879 coordination. Two mechanical systems as described above will have a combined average
2880 production of approximately 33 cy/hour (3.5 cubic yard bucket, 60% full, 2- minute cycle time, and
2881 26% efficiency) or 395 cy per 12-hour shift. This type of dredge has a vertical accuracy of 0.2 to
2882 0.5 ft and typically can achieve an average over dredge of approximately 0.2 ft which has been
2883 used for purposes of cost estimating. The additional over dredge and side slope volume is
2884 estimated at an additional 16,100 cy which will be removed during dredging operations,
2885 processed, and disposed of off-site or re-used on-site. Based on these assumptions, and
2886 assuming a 5-day per week work schedule and seven months of allowable work window, two to
2887 three seasons of dredging work would be required to complete dredging.



2888 **Processing and Dewatering** - Dredged buckets of sediment will be direct loaded into a slurry
2889 box with a screen located on the deck of the dredge barge. Material that passes the debris screen
2890 will enter the slurry box and will be slurried via a high efficiency, automated pump, with just enough
2891 makeup water to transport the material at the maximum rate practical and steady-state
2892 concentrations.

2893 Once the material is in the slurry it is handled the same way as Alternative 2.

2894 For purposes of the FFS, it has been assumed that dewatering fluids would be treated and
2895 discharged back to the Housatonic water, and that makeup water for the slurry system will be
2896 obtained from water adjacent to the operation. However, it is possible to recirculate fluids
2897 generated from the process for use as makeup water for the incoming slurry. Recirculation,
2898 therefore, has the potential to reduce the volume of water requiring treatment and the costs
2899 associated with water treatment. These factors would need to be analyzed in more detail in design
2900 and construction to determine if recirculation is feasible.

2901 **Disposal** - All TSCA sediment will be dredged, processed, and stockpiled separately. Once
2902 dewatered, this sediment will be loaded onto haul trucks and sent off-site for disposal at
2903 appropriate RCRA Subtitle D and TSCA-approved landfills based on PCB concentration. For
2904 purposes of this FFS, it has been assumed that the US Ecology Wayne Disposal facility in
2905 Michigan can accept the material.

2906 Non-TSCA sediment will be managed in one of two ways pending further negotiations and
2907 approvals (see above for Alternative 2 for a description of the two options, which are on-site
2908 beneficial reuse as fill material and off-site disposal at RCRA Subtitle D landfills).

2909 **Backfill and Restoration** - Once all sediment is dredged and the area is approved, the staging
2910 area(s) will be decontaminated and prepped for backfill delivery and stockpiling. Backfilling of the
2911 dredged area with Alternative 4 will occur mechanically. Backfill material will be delivered and
2912 stockpiled near the Causeway. A Telebelt or similar will be positioned at the base of the
2913 Causeway. The Telebelt will load shallow draft sediment barges which will then be positioned
2914 next to the mechanical dredge. The dredge will reverse operations and place backfill material to
2915 the designed elevations.

2916 Upon approval of the final backfill, the staging area(s) and all impacted areas will be returned to
2917 preconstruction condition. Equipment will be demobilized from the Site.

2918 **5.1.3.2 Outfall-008**

2919 The remedial alternative for OF-008 is as described in Alternative 2 for all Alternatives at the Site.

2920 **5.1.4 Alternative 5**

2921 **5.1.4.1 Tidal Flats**

2922 Alternative 5 includes the following remedial elements:



- 2923 ▶ Mobilization
- 2924 ▶ Site Preparation
- 2925 ▶ Mechanical Debris Removal
- 2926 ▶ Mechanical Dredging
- 2927 ▶ Gravity Dewatering
- 2928 ▶ Pneumatic Transfer and Mixing of Portland Cement of the Tidal Flats Sediments
- 2929 ▶ Mechanical Placement of Backfill
- 2930 ▶ Solidification (via PFTM)
- 2931 ▶ On-Site beneficial re-use (stockpiling) of sediments containing <1.0 mg/kg PCBs
- 2932 ▶ Off-site disposal of sediments containing ≥ 1.0 m/kg PCBs
- 2933 ▶ On-Site Stockpiling
- 2934 ▶ Site Restoration
- 2935 ▶ Demobilization

2936 **Figure 5-7** provides a conceptual layout of equipment, transport routes, and processing and
2937 disposal areas for Alternative 5. **Figure 5-8** provides a conceptual process flow diagram for the
2938 main components of Alternative 5.

2939 **Mobilization** - as discussed in Alternative 2, and also includes mobilization of a mechanical
2940 dredge, shallow draft barges, and a pneumatic flow tube mixer.

2941 **Site Preparation** - as discussed in Alternative 2.

2942 **Tidal Flat Dredging** – as discussed in Alternative 3.

2943 **Processing and Dewatering** - Once one of the barge is loaded to capacity, the loaded barge will
2944 be transported via push boat to the barge offloading area positioned at the end of the Causeway
2945 where adequate draft is available during all tidal ranges. The barge will be docked against a
2946 floating temporary water treatment system to remove surficial freestanding water. Water collected
2947 will be treated, if necessary, by pumping through a water treatment system capable of treating
2948 influent to levels acceptable for discharge back into the waterbody at the Site. In general,
2949 dewatering fluids can be incorporated into the Portland cement slurry that is created for mixing in
2950 the PFTM process. Once the barge is sufficiently decanted of freestanding water, it will be moved
2951 to a floating spudded crane barge. The crane will offload the sediment from the loaded scow and
2952 placed into a hopper for initial screening of large debris. Material that passes the debris screen



2953 will enter the pneumatic flow tube mixing system where it will be mixed with Portland cement and
2954 transported via pipeline. The sediment is conveyed via air pressure, which pushes the sediment
2955 in “plugs” with reduced friction in the pipeline. A Portland cement slurry is injected into the pipeline
2956 which is then thoroughly mixed in transit due to the turbulence created by the pneumatic pumping
2957 process. The end of the pipeline will be positioned to place the mixed sediment where it will be
2958 beneficially reused or stockpiled on site. In this regard, Alternative 5 has an advantage over other
2959 Alternatives when the final placement location is known because a second handling step would
2960 be avoided when the material is placed directly in its final location. The material cures quickly and
2961 is placed in lifts of desired thickness. Pneumatic flow tube mixers are capable of processing 2,000
2962 to 3,000 cy per day, well in excess of the anticipated dredging rates in the Tidal Flats. The exact
2963 production rate of the pneumatic flow tube mixer will vary with the sediment type and size of mixer.

2964 Treatability tests performed on Site sediments to simulate the PFTM process for solidification
2965 have shown that significant strength can be developed at modest Portland cement addition ratios
2966 which as little as 6% producing adequately strengthened sediments for on-site beneficial reuse
2967 (see **Appendix C** Section 8.0 and **Appendix C** Attachment D, Rutgers Center for Advanced
2968 Infrastructure and Transportation Solidification Report). Additionally, leaching tests on the
2969 solidified sediments show passing results for both SPLP (for on-site beneficial reuse, comparison
2970 against CT pollutant mobility criteria for GB zoned sites) and TCLP (for potential off-site disposal)
2971 (see **Appendix C Tables C-17** and **C-18**)

2972 **Disposal** - This alternative assumes that all non-TSCA material will be beneficially re-used on-
2973 site. TSCA-regulated sediment will be dredged as described above, except the material will be
2974 transferred from the smaller hopper barges to large 2,000 cy barges. The material will be
2975 transported via barge to an off-site TSCA-permitted processing and disposal facility such as Clean
2976 Earth or other approved facility.

2977 **Backfill and Restoration** - Once all sediment is dredged and the area is approved, the staging
2978 area(s) will be decontaminated and prepped for backfill delivery and stockpiling. Backfilling of the
2979 dredged area with Alternative 5 will occur mechanically. Backfill material will be delivered and
2980 stockpiled near the Causeway. A Telebelt or similar will be positioned at the base of the
2981 Causeway. The Telebelt will load decontaminated sediment barges with backfill material which
2982 will then be positioned next to the mechanical dredge. The dredge will reverse operations and
2983 place backfill material to the designed elevations.

2984 Upon approval of the final backfill, the staging area(s) and all impacted areas will be returned to
2985 preconstruction condition. Equipment will be demobilized from the Site.

2986 **5.1.4.2 Outfall-008**

2987 The remedial alternative for OF-008 is as described in Alternative 2 for all Alternatives at the Site.

2988 **5.1.5 Alternative 6**

2989 **5.1.5.1 Tidal Flats**

2990 Alternative 6 includes the following remedial elements:



- 2991 ▶ Mobilization
- 2992 ▶ Site preparation
- 2993 ▶ Mechanical debris removal
- 2994 ▶ Mechanical dredging
- 2995 ▶ Mechanical transfer of the Tidal Flats sediments and transfer to off-site sediment
- 2996 ▶ Processing Facility
- 2997 ▶ Mechanical placement of backfill
- 2998 ▶ Off-Site sediment processing including
- 2999 ▶ Gravity dewatering
- 3000 ▶ Solidification
- 3001 ▶ Off-Site disposal of sediments
- 3002 ▶ Site restoration
- 3003 ▶ Demobilization

3004 **Figure 5-9** provides a conceptual layout of equipment, transport routes, and processing and
3005 disposal areas for Alternative 6. **Figure 5-10** provides a conceptual process flow diagram for the
3006 main components of Alternative 6.

3007 **Mobilization** - as discussed in Alternative 2, and also includes a mechanical dredge, shallow
3008 draft barges, crane barge, and large capacity barges.

3009 **Site Preparation** - An upland staging area, as required for Alternatives 2, 3, and 4, will not be
3010 required for this option because there will be no processing or dewatering of sediment in the
3011 upland.

3012 **Tidal Flat Dredging** – as discussed in Alternative 3.

3013 **Processing and Dewatering** - Once one of the barges is loaded to capacity, the loaded barge
3014 will be transported via push boat to the barge offloading area positioned at the end of the
3015 Causeway where adequate draft is available during all tidal ranges. The barge will be docked
3016 against a floating temporary water treatment system to remove surficial freestanding water. Water
3017 collected will be treated by pumping through a water treatment system capable of treating influent
3018 to levels acceptable for discharge back into the waterbody at the Site. Once the barge is
3019 sufficiently decanted of freestanding water, it will be moved to a floating spudded crane barge.
3020 The crane will offload the sediment from the loaded scow and place into large (typically 2,000 cy)
3021 barges. The material will then be transported via barge to an off-site processing and disposal



3022 facility. For purposes of this FFS, it has been assumed that the Clean Earth facility in New Jersey
3023 can accept the sediment.

3024 Once all sediment is dredged and the area is approved, the staging area(s) will be
3025 decontaminated and prepped for backfill delivery and stockpiling. Backfilling of the dredged area
3026 under Alternative 6 will occur mechanically. Backfill material will be delivered and stockpiled near
3027 the Causeway. A Telebelt or similar will be positioned at the base of the Causeway. The Telebelt
3028 will load decontaminated sediment barges which will then be positioned next to the mechanical
3029 dredge. The dredge will reverse operations and place backfill material to the designed elevations.

3030 **Backfill and Restoration** - Upon approval of the final backfill, the staging area(s) and all impacted
3031 areas will be returned to preconstruction condition. Equipment will be demobilized from the Site.

3032 **Disposal** - This alternative assumes that all non-TSCA and TSCA material will be transported via
3033 barge to an off-site processing and disposal facility.

3034 **5.1.5.2 Outfall-008**

3035 The remedial alternative for OF-008 is as described in Alternative 2 for all Alternatives at the Site.



3036 **6.0 COMPARATIVE ANALYSIS OF ALTERNATIVES**

3037 The comparative analysis compares the candidate remedial alternatives with respect to the
3038 evaluation criteria used during the detailed analysis of alternatives. The purposes of the
3039 comparative analysis are to identify the advantages and disadvantages of alternatives relative to
3040 one another, to highlight differences among alternatives, and to aid in the development of a
3041 preferred remedial alternative that will be included in the Proposed Plan for the SAEP. The
3042 evaluation criteria are divided into three broad categories during remedy selection: Threshold
3043 Criteria, Primary Balancing Criteria, and Sustainability Criteria. Subsection 6.1 presents the
3044 approach of the comparative analysis based on the NCP with respect to these three categories;
3045 Subsection 6.2 presents the comparison of remedial alternatives.

3046 State and Community Acceptance are the Modifying Criteria and are not factored into the FFS;
3047 however, they will be addressed in the Responsiveness Summary which is appended to the
3048 Record of Decision following the public review process of the Proposed Plan. State and
3049 community acceptance are factored into a final balancing that determines the selected remedy.
3050 Formal state regulatory agency comments will not be received until after the agencies have
3051 reviewed the FFS report and Proposed Plan.

3052 **6.1 Evaluation Criteria**

3053 **Table 6-1** presents the comparative analysis of the alternatives with respect to the threshold and
3054 primary balancing criteria (identified in CERCLA guidance, USEPA 1988 and presented above in
3055 Section 5.0) and the Sustainability Criteria (consistent with state and federal guidance). These
3056 criteria are further discussed below.

3057 **6.1.1 Threshold Criteria**

3058

3059 USEPA designated (1) overall protection of human health and the environment, and
3060 (2) compliance with ARARs are the two threshold criteria. An alternative must meet both criteria
3061 to be eligible for selection as the preferred Site remedy or an ARAR waiver must be obtained.

3062 **6.1.2 Primary Balancing Criteria**

3063 The five primary balancing criteria are:

- 3064 ▶ long-term effectiveness and permanence;
- 3065 ▶ reduction of toxicity, mobility, or volume through treatment;
- 3066 ▶ short-term effectiveness;
- 3067 ▶ implementability; and
- 3068 ▶ cost.



3069 The balancing criteria provide a preliminary assessment of the extent to which permanent
3070 solutions and treatment can be used practicably and in a cost-effective manner.

3071 An alternative that is protective of human health and the environment, is ARAR-compliant, and
3072 affords the best balance among these criteria is identified as the preferred alternative in the
3073 Proposed Plan. Evaluation of the balancing criteria emphasizes long-term effectiveness and
3074 reduction of toxicity, mobility, or volume through treatment over short-term effectiveness,
3075 implementability and cost.

3076 **6.1.3 Sustainability Criteria**

3077 In accordance with the USEPA Consideration of Greener Cleanup Activities in the Superfund
3078 Cleanup Process (2016), the USEPA's Region 1 Clean and Green Policy for Contaminated Sites
3079 (2016), and CT DEEPs Guidance for Green Remediation in Connecticut, the applicability of green
3080 remediation practices is discussed for each of the remedial alternatives. The state largely
3081 references EPA criteria and guidance on its webpage:

3082 https://www.ct.gov/deep/cwp/view.asp?a=2715&q=570838&deepNav_GID=1626

3083 In addition, a presentation titled "Greener Cleanups: Integrating More Sustainable Approaches
3084 into Site Remediation in Connecticut," is included on the state's web page and describes EPA's
3085 core elements of greener cleanups related to: materials and wastes, energy, air, water, and land
3086 and ecosystems. CT DEEP also references BMPs and the ASTM Greener Cleanups Standard.

3087 **6.2 Comparative Analysis of the Remedial Alternatives**

3088 Comparative analyses of alternatives for the SAEP are presented in the following subsections
3089 and summarized in **Table 6-1**. The remedial alternatives that are the focus of the comparative
3090 analysis are:

3091 **▶ Alternative 2:**

3092 **▶ Tidal Flats:** Hydraulic dredge to hydraulic off-load and belt filter press or Geotube
3093 dewatering with mechanically placed backfill and on-site beneficial reuse or off-
3094 site disposal.

3095 **▶ OF-008:** Isolate and dewater area for mechanical excavation and truck transport
3096 to sediment processing area, gravity dewatering, solidification, on-site beneficial
3097 reuse or off-site disposal, mechanically placed backfill, and restoration.

3098 **▶ Alternative 3:**

3099 **▶ Tidal Flats:** Mechanical dredge to mechanical off-load, gravity dewatering,
3100 solidification, mechanically placed backfill and on-site beneficial re-use or off-site
3101 disposal.



- 3102 ▶ OF-008: Isolate and dewater area for mechanical excavation and truck transport
- 3103 to sediment processing area, gravity dewatering, solidification, on-site beneficial
- 3104 reuse or off-site disposal, mechanically placed backfill, and restoration.

- 3105 ▶ Alternative 4:
- 3106 ▶ Tidal Flats: Mechanical dredge to hydraulic offload and belt filter press or Geotube
- 3107 dewatering with mechanically placed backfill and on-site beneficial reuse or off-
- 3108 site disposal.

- 3109 ▶ OF-008: Isolate and dewater area for mechanical excavation and truck transport
- 3110 to sediment processing area, gravity dewatering, solidification, on-site beneficial
- 3111 reuse or off-site disposal, mechanically placed backfill, and restoration.

- 3112 ▶ Alternative 5: Mechanical Dredging/Pneumatic Flow Tube Mixing
- 3113 ▶ Tidal Flats: Mechanical dredge to PFTM with mechanically placed backfill and on-
- 3114 site beneficial re-use and off-site disposal of sediments exceeding 1 mg/kg PCBs.

- 3115 ▶ OF-008: Isolate and dewater area for mechanical excavation and truck transport
- 3116 to sediment processing area, gravity dewatering, solidification, on-site beneficial
- 3117 reuse or off-site disposal, mechanically placed backfill, and restoration.

- 3118 ▶ Alternative 6: Mechanical Dredging/Off-Site Processing and Disposal
- 3119 ▶ Tidal Flats: Mechanical dredge to barge for off-site processing (Clean Earth or
- 3120 similar facility) with mechanically placed backfill and off-site disposal.

- 3121 ▶ OF-008: Isolate and dewater area for mechanical excavation and truck transport
- 3122 to sediment processing area, gravity dewatering, solidification, off-site disposal,
- 3123 mechanically placed backfill, and restoration.

3124 Each of the above alternatives includes off-site disposal of TSCA-regulated sediments containing
3125 PCBs at concentrations greater than or equal to 1 ppm, defined in two primary categories:

- 3126 ▶ RCRA Subtitle D disposal eligible - greater than or equal to 1 ppm but less than 50 ppm;
- 3127 and
- 3128 ▶ TSCA-permitted disposal facility - greater than or equal to 50 ppm.

3129 **6.2.1 Overall Protection of Human Health and the Environment**

3130 According to CERCLA, this criterion must be met for a remedial alternative to be chosen as a final
3131 site remedy.

3132 Alternatives 2 through 6 would all provide adequate protection of human health and the
3133 environment by removing contaminated sediments from the Tidal Flats, dewatering and treating
3134 those sediments as necessary to render them dry and non-leaching, and placing those sediments
3135 on-site for future beneficial re-use or disposing of those sediments off-site in a secure landfill.



3136 Each of these alternatives would protect the environment by removing sediments exceeding the
3137 ERMQ's and Hg and PCB cleanup criteria. Based on the proposed remedial footprint,
3138 concentrations of site-related contaminants remaining at depth by remediating sediment
3139 exceeding the PRGs will be at concentrations which do not exceed the ERM-Q PRG and will not
3140 be substantially different from background (Hg and PCBs). Short-term impacts to aquatic species
3141 would be mitigated through proper installation and maintenance of silt curtains.

3142 Although no human health risks were identified as drivers of remediation, all alternatives would
3143 also be protective of human health by removing sediments that exceed the ecologically-based
3144 PRGs, which are essentially more restrictive than human health criteria. By removing site
3145 contaminant concentrations to levels below ERM-Qs and to background concentrations, human
3146 health and ecological risks would be further reduced and the Tidal Flats and Outfall 008 drainage
3147 ditch will be returned to a condition for unrestricted use. By meeting these standards no long-
3148 term monitoring and maintenance will be required.

3149 **6.2.2 Compliance with ARARs**

3150 CERCLA requires that the selected alternatives also meet a second threshold criterion of
3151 compliance with ARARs or obtain a waiver if the criterion cannot be met. This criterion, according
3152 to CERCLA, must be met for a remedial alternative to be chosen as a final site remedy. Table 2-1
3153 presents the location-, chemical-, and action specific ARARs that have been identified for the Site.

3154 Alternatives 2 through 6 will all meet chemical-, location- and action-specific ARARs.

3155 All in-water work will comply with aquatic species work windows as required by CT DEEP, USFW,
3156 and NMFS. Currently, the allowable work window is from July 1st to January 31st; and all the
3157 alternatives would comply with this work window; however, USACE is actively working with the
3158 agencies and stakeholders to determine if it is feasible to extend this work window further.
3159 Appropriate mitigation measures will be implemented as required if the work window is extended
3160 beyond this period. All work will comply with substantive requirements of permits or certifications
3161 typically required for this work and in accordance with requirements negotiated with the agencies.

3162 All alternatives would meet WQC requirements for discharge of treated water back to the
3163 Housatonic River using appropriate water treatment technologies. Although all alternatives would
3164 meet these criteria, there are significant differences in the volumes of flow that would likely be
3165 treated and therefore, the likely allowable dilution which affects discharge standards.

3166 Any sediment placed on land at the site for beneficial reuse would comply with the CT DEEP
3167 regulations RCSA 22a-133k-2(h) "Use of Polluted Soil and Reuse of Treated Soil." Following
3168 completion of the Tidal Flats dredging, the Army would transfer ownership of stockpiles of
3169 processed dredged materials to the developer who would then be responsible for maintenance.
3170 Stockpiles of sediment would be covered or planted with grass to control erosion, with erosion
3171 control measures placed downgradient of the stockpiles to ensure there is no migration of



3172 sediments back to the Tidal Flats and OF-008. Sediment placed on-site would meet the CT GWB
3173 standards as measured by the SPLP test (treatability tests have shown that raw sediment meets
3174 these standards – see Section 4.0 of **Appendix C** and **Table C-8**) and sediments treated with
3175 Portland cement and Calciment by Mintek also meet these standards (see Sections 7.3 and 8.0
3176 of **Appendix C** and **Tables C-15, C-16, C-17, and C-18**) and would not be placed below the
3177 water table. In addition, a stockpile maintenance plan would be developed and implemented to
3178 ensure proper maintenance of the stockpile until the materials are reused on-site.

3179 All alternatives will comply with the substantive requirements of TSCA, including segregation of
3180 materials, decontamination of equipment, and off-site disposal at appropriately permitted facilities
3181 including RCRA Subtitle D facilities (for sediments with PCB concentrations between one and 50
3182 ppm) and TSCA-permitted facilities (for sediments containing PCBs at concentrations greater
3183 than or equal to 50 ppm). In addition, sediments will be dewatered to the maximum extent feasible
3184 prior to any solidification, and all alternatives would comply with the substantive requirements of
3185 obtaining a risk-based approval for solidification under 40 CFR Part 761(c).

3186 Sediment disposed of off-site would be processed to meet the receiving facilities' acceptance
3187 criteria.

3188 Restoration of the Tidal Flats and OF-008 will be completed using a backfill material that is
3189 consistent with existing soils. The flood storage capacity of each of these bodies of water would
3190 be maintained or increased, which no encroachment below the high tide line.

3191 **6.2.3 Long-term Effectiveness and Permanence**

3192 Each of the alternatives would permanently remove sediments from Tidal Flats and OF-008, and
3193 place backfill materials to reestablish habitat. There is essentially no difference between
3194 alternatives with respect to this criterion. Following remediation, ecological risks would be
3195 addressed in the tidal flats and the Outfall 008 drainage ditch, with no sediments remaining within
3196 these areas exceeding site PRGs. Any site contaminants remaining would be at concentrations
3197 that do not cause exceedance of the ERM-Q of 0.5, and below 0.40 mg/kg Hg and 0.20 mg/kg
3198 PCBs (PCBs are co-located with metals and are therefore not driving the remediation footprint).

3199 However, when comparing options for on-site re-use and off-site disposal, off-site disposal has
3200 more permanence because the material would be placed in a secure off-site landfill facility rather
3201 than placed on-site. The State of CT requires certain conditions to be met prior to placement of
3202 contaminated materials on land – these conditions (as defined for “polluted soils” under the CT
3203 RSRs, Section 22a-133k-1(a) and (h)) would be met including placement above the water table;
3204 however, under CT RSRs it is uncertain if the material would be considered “inaccessible soil” or
3205 “environmentally isolated” because the exact location for placement has not yet been determined
3206 and ultimately must be consistent with the future developer’s plans. Therefore, the adequacy and
3207 reliability of the engineering controls to be used to ensure future isolation of the contaminated
3208 materials is uncertain until a full development plan is available.



3209 Furthermore, on-site options that do not include solidification, Alternatives 2 and 4, which rely on
3210 mechanical dewatering methods or Geotubes, do not require the addition of additives for
3211 placement on site. In this respect, the remediation may not be permanent because future
3212 solidification may be required to meet future reuse criteria with respect to strength, which are
3213 currently unknown.

3214 **6.2.4 Reduction of Toxicity, Mobility, or Volume through Treatment.**

3215 This criterion evaluates whether the alternatives meet the statutory preference for treatment under
3216 CERCLA. The criterion evaluates the reduction of toxicity, mobility, or volume of contaminants,
3217 and the type and quantity of treatment residuals.

3218 None of the alternatives have as a principle element treatment or destruction of site contaminants.
3219 Alternatives 2 through 6 all reduce contaminant toxicity, mobility, and volume through sediment
3220 removal, processing, and placement on land. Alternative 2 and Alternative 4 both include the
3221 hydraulic transport of a sediment slurry and therefore have a higher volume of water treatment
3222 required in comparison to Alternative 3, mechanical transport, Alternative 5, PFTM transport and
3223 Alternative 6, off-site transport.

3224 All dewatering fluids will be treated to remove metals and PCBs down to acceptable
3225 concentrations for discharge, with the contaminants concentrated in filtered solids and activated
3226 carbon, which require separate off-site disposal or regeneration.

3227 All alternatives that include mechanical dredging with barge movements, have a slightly higher
3228 potential when compared to hydraulic transport options to temporarily resuspend sediments due
3229 to the movements of tug boats and barges. These resuspended sediments can be controlled
3230 using silt curtains and a properly implemented turbidity monitoring, management, and control
3231 program.

3232 Alternatives that include solidification (Alternatives 3, 5, and 6) have the potential to increase the
3233 volume of material due to bulking which can occur. Typically, this bulking is a modest increase (5
3234 to 10%) given the anticipated percentages of additives.

3235 **6.2.5 Short-term Effectiveness**

3236 CERCLA requires that potential adverse short-term effects to workers, the surrounding
3237 community and the environment be considered during implementation of a remedial action.

3238 All the alternatives include removal as a component, therefore the RAOs will be met upon
3239 completion of the work. The time to achieve RAOs includes the time for mobilization, dredging,
3240 backfill, and site restoration. These factors vary between the alternatives and the most significant
3241 factor for the time to achieve RAOs is whether sediments are dredged mechanically or
3242 hydraulically. Generally, mechanical dredging options have a shorter timeframe because of the
3243 higher anticipated productivities.



3244 The baseline schedule assumptions for the project schedule include a seven-month allowable
3245 work window and five twelve-hour days per week.

3246 For options that include mechanical dredging, the time is shortest and is essentially the same or
3247 similar for all alternatives. For alternatives 3, 4, 5, and 6, the time required to complete the project
3248 is estimated at 3 to 4 seasons (assuming a seven-month work window and five twelve-hour days
3249 per week). In terms of months of dredging (not including backfilling), these alternatives are
3250 estimated to require approximately 15 months (slightly over two full seasons) to complete.
3251 However, with respect to schedule, Alternative 6 would have the shortest overall schedule for
3252 work on the site because it would require the least amount of on-site infrastructure, because it
3253 does not require sediments to be placed on the site. Following Alternative 6, Alternative 5 (PFTM)
3254 would have the next longest schedule, followed by Alternative 3, Mechanical Dredging.

3255 Alternative 4, Mechanical Dredging with Hydraulic Transport, while similar to other mechanical
3256 dredging options, would have the next longest schedule, which is also estimated to require three
3257 to four dredge seasons, and approximately 18 months of dredging.

3258 Alternative 2, Hydraulic Dredging would have the longest schedule, with an estimated total project
3259 time of five to six seasons. Dredging work requires approximately 26 months to complete. This
3260 extended period of time is driven by the lower anticipated productivity of a hydraulic dredge in this
3261 environment.

3262 Given the baseline schedule of 7 months of working time per year, multiple mobilizations and
3263 demobilization (mob/demob) will need to occur. Except for at the very beginning of the project
3264 and final demobilization, these mob/demobs do not add to the overall project schedule because
3265 they can be conducted during the off-season. For each alternative it is assumed that mobilization
3266 and demobilization each add approximately three months to the beginning and end of the project.

3267 **Table 6-2** provides a work schedule sensitivity analysis which analyzes the effect on overall
3268 schedule when the baseline assumptions are varied. Three key assumptions were changed: 12-
3269 hours working day to a 24-hour working day; five days per week was varied to six and seven days;
3270 and the annual work window was expanded from seven months to twelve months. The simple
3271 change in the baseline assumptions of going to 24 hours per day results in the schedule
3272 decreasing to 2 to 3 seasons from the baseline condition of 3 to 5 seasons.

3273 By changing the daily work schedule to 24 hours per day, the overall project schedule decreases
3274 from three to five seasons down to 2 to 3 seasons for five days per week to as little as one to two
3275 seasons for 7 days per week operation.

3276 Finally, if 12 months per year operation is implemented, the project schedule improves to 2 to 3
3277 seasons for five-day and one to two seasons for seven-day operation. If the schedule is improved
3278 to 24-hour operation, the timeframes decrease to one to two seasons (five days per week) to as
3279 little as approximately one season, or even slightly less. All these scenarios assume two dredges



3280 operating simultaneously. For any option that considers twelve months per year operation, six
3281 months of mob/demob time must be added to the schedule (i.e., a twelve-month dredging during
3282 becomes an 18-month project duration).

3283 To support the option to operate twelve months per year, the option to install a cofferdam was
3284 further evaluated. Design and construction of a large cofferdam is a time-consuming, technically
3285 challenging, and expensive task. In this case, the cofferdam would likely be a semi-permanent
3286 structure approximately ½ mile long, beginning just inboard or outboard of the rock breakwater
3287 and extending parallel to the river, then continuing southeast beyond the tip of the Causeway,
3288 then turning towards shore to enclose the entire remedial footprint of the Tidal Flats. Additional
3289 geotechnical data would need to be collected along its proposed alignment to ensure
3290 constructability. The structure itself would likely need to be a double sheet pile infilled wall
3291 embedded approximately 90 ft into sediment (based on current information regarding subsurface
3292 conditions) to be able to withstand tidal elevation differences, wave action, and other concerns,
3293 such as ice and flooding. Near the existing breakwater, construction would need to be done with
3294 adequate offsets to ensure no damage to the structure. Other considerations such as concerns
3295 regarding potential flooding and how to maintain water levels must be evaluated thoroughly. The
3296 movement into and out of site by dredging equipment, maintenance and other vessels, would all
3297 be significantly impacted by the presence of a cofferdam.

3298 Construction of a coffer dam may produce a great deal of suspended sediment during its
3299 installation, likely more than those suspended sediments anticipated from dredging. Consultations
3300 with NMFS, USFWS and CT DEEP would be required and their opinion of the use of a coffer dam
3301 and its environmental impacts is unknown. There would still be impacts to potential winter
3302 flounder habitat within the Tidal Flats. There would still be a degree of sedimentation during
3303 construction that would have an impact on shellfish spawning and general mortality due to burial,
3304 as well as impacts to migrating anadromous fish depending on the time of year.

3305 The design and construction of a cofferdam would likely add a year to the project schedule and
3306 would have to be removed at the end of the project adding yet more time to the project schedule.
3307 The additional cost of installing a cofferdam is likely \$20M.

3308 Traditional methods of turbidity control using silt curtains or similar technology can achieve a
3309 similar, if not better, level of overall performance with respect to turbidity control (especially when
3310 considering the construction of the cofferdam itself).

3311 Given the ability to mitigate the effects of sediment resuspension for dredging, the time required
3312 to design and construct the cofferdam, and the cost, use of a cofferdam is not considered a cost-
3313 effective option for the site.

3314 An additional consideration is release of suspended sediments, which has the potential to impact
3315 downstream ecological receptors. All mechanical and hydraulic dredging alternatives will cause
3316 release and resuspension to some degree as affected by the necessary operational processes;
3317 for example, at the cutter head or bucket, tug and support vessel propwash, anchor management,
3318 pipeline back flushing, and impacts with the bed. In most cases these release mechanisms can



3319 be managed by selecting appropriately sized and configured equipment, conducting operations
3320 in a manner that avoids or minimizes release, and mitigated by installing proper engineering
3321 controls. Properly installed and maintained turbidity curtain systems as part of a properly
3322 implemented turbidity monitoring, management, and maintenance program is one such
3323 engineering control that can substantially contain resuspension and manage any turbidity
3324 migration.

3325 There are other differences between the alternatives that can be highlighted. Alternatives that
3326 require stockpiling and dewatering of the sediment on-site will generate nuisance odors, visual
3327 disturbance, and excess noise due to the processing equipment. Only Alternative 6 (off-site
3328 processing), which relies on off-site processing with hauling by barge would have no or little on-
3329 site stockpiling of sediment and would therefore impact the local community less. Alternative 5,
3330 through the PFTM process, would also impact the local community less than Alternatives 2
3331 through 4 because sediment is treated with Portland cement before it is placed on land. When
3332 the sediment is placed, it requires little or no handling, reducing noise, visual disturbance and
3333 odors (because it has been pre-treated).

3334 Finally, any alternative that involves hydraulic dredging or hydraulic transport (Alternatives 2 and
3335 4) will generate many times more water than mechanical dredging (Alternatives 3, 5, and 6) which
3336 increase the footprint of the site and the general amount of activity on the site.

3337 Alternatives 2 through 5 involving complete off-site disposal of sediments via truck as an option
3338 will generate on the order of 6,000 truck trips to transport sediments off-site.

3339 Impacts to workers are considered essentially equal among the alternatives, and include work
3340 with heavy equipment, other mechanical equipment, work on water, and potential chemical
3341 exposure to PCBs and metals. These risks can be mitigated by following OSHA requirements and
3342 an approved safety plan.

3343 **6.2.6 Implementability**

3344 This criterion evaluates each alternative's ease of construction and operation, and availability of
3345 services, equipment, and materials to construct and operate the alternative. Also evaluated is the
3346 ease of undertaking additional remedial actions and administrative feasibility.

3347 Alternatives 2, 3, and 4 all rely upon technologies that are well-established, readily available, and
3348 easily mobilized at the site. Alternative 5 relies upon the PFTM technology, which, while well-
3349 established and available in Asia, has not been widely available in the United States. Only one
3350 vendor of this technology is known to exist in the United States and it is actively pursuing permits
3351 to operate within CT. The equipment would likely have to be customized for this project.

3352 Alternative 6 relies upon the ability to transport sediments to an off-site processing facility.
3353 Currently there are several facilities within the greater New York City area that could receive
3354 sediments. These facilities, while relatively new, are up and running and have indicated they can



3355 accept Site sediments for processing and off-site disposal. Barge transport can be cost-effective
3356 and can open up rail transport options which can then allow for cost-effective disposal at
3357 potentially more off-site facilities.

3358 The dewatering and water treatment technologies are all well established and available and can
3359 relatively easily be mobilized and operated at the site. However, systems that are more complex
3360 (i.e., mechanical dewatering methods or Geotubes, Alternatives 2 and 4), will require more
3361 maintenance and have more risk of unreliable operations than a simple gravity dewatering
3362 operation. Geotubes require additional space for layout, may require additional time for
3363 dewatering, can experience biological fouling or clogging and mechanical equipment is subject to
3364 breakdown.

3365 Similarly, these options (Alternatives 2 and 4) require larger and more complicated water
3366 treatment systems that have more risk of failures than the smaller systems required to handle
3367 water from gravity drainage (Alternatives 3 and 5). It is possible to reduce the volume of water
3368 generated under Alternative 4 further by recirculating dewatering fluids back into the slurry box.
3369 Alternatives 2 and 4 require mechanical dewatering systems (traditional belt press, recessed
3370 chamber, or centrifuge), Geotube bag filtration, or other systems (proprietary systems that use a
3371 combination of technologies, examples include Hi-G by Derrick and Genesis). These proprietary
3372 systems were not evaluated as part of the FFS; however, they may be viable depending on the
3373 selected contractor's familiarity with and access to this specialty equipment. The Derrick Hi-G
3374 system (a hydrocyclone and screening system that utilizes a unique elliptical screen motion to
3375 accelerate dewatering of fines) had been selected as a representative technology for evaluation
3376 in treatability studies; however, this work could not be completed based on Derrick's inability to
3377 test PCB-contaminated sediments. Although the primary dewatering methods evaluated in this
3378 FFS are the belt filter press and Geotube dewatering systems, proprietary systems should not be
3379 eliminated from potential consideration in remedial contractor bids due to their potential to
3380 effectively dewater sediments.

3381 Placement of sediments on-site as beneficial re-use material would be most difficult to implement
3382 relative to the other options given the coordination and approvals required, followed by off-site
3383 disposal via truck, with off-site processing by barge being easiest to implement.

3384 If material stored on site in a stockpile requires future excavation and disposal off-site, it is
3385 relatively easy to implement this remedial action. However, if the material is incorporated as site
3386 fill material beneath structures, roadways, etc. as part of development, it would be very difficult to
3387 remove and take to an off-site location.

3388 **6.2.7 Cost**

3389 **Table 6-3** presents a summary of the costs for each alternative. Costs are presented as total
3390 capital costs and total present-worth for each remedial alternative based on the estimated clean-
3391 up time (USEPA, 2000). The only operations, monitoring, and maintenance costs assumed for



3392 the alternatives are related to the inspections of the sediment stockpile on-site prior to beneficial
3393 re-use on the site. Except for Alternative 6, each alternative has a cost associated with on-site
3394 beneficial reuse of sediments and off-site disposal of sediments. The on-site beneficial reuse of
3395 sediments also includes cost for development of a 5-year stockpile maintenance plan and cost
3396 associated with maintaining the stockpile until the materials are reused on-site. Alternative 6 only
3397 has an off-site disposal cost. The cost baseline is based upon on-site beneficial re-use of
3398 sediments. The cost to dispose of sediments off-site was also analyzed and is presented as a
3399 separate set of cost estimates to provide a sensitivity analysis with respect to the ultimate
3400 disposition of site sediments.

3401 **On-Site Beneficial Reuse of Sediments.** Costs for the alternatives range from \$78.4M to
3402 \$108.7M for on-site beneficial reuse. The least cost alternatives are Alternatives 3 (\$79.4M) and
3403 4 (Geotube, \$78.4M), followed closely by Alternative 5 (\$82.1M), and Alternative 4 (belt filter
3404 press, \$85.5M). These alternatives are very similar in cost, ranging from \$79.4 M to \$85.5 M.
3405 Given the approximate nature of these cost estimates, there is virtually no difference in cost
3406 between Alternatives 3, 4 (belt filter press and Geotube), and 5.

3407 Alternative 2 belt filter press (\$108.7 M) and Geotube (\$95.3 M) are the most expensive options
3408 due to the duration of dredging and equipment costs.

3409 Alternative 6 is not included in the cost analysis for on-site beneficial reuse of sediments because
3410 it relies entirely upon off-site disposal of sediments.

3411 It is important to note these alternatives fall within the cost accuracy range of -30% to +50%.
3412 Applying this range to the lowest cost alternative (Alternative 5) yields an accuracy range of \$54.9
3413 M to \$117.6 M. All other alternative costs fall within this range, suggesting that all alternatives
3414 can be considered cost-effective and that the differences between the alternatives are relatively
3415 minor. Figure 6-1 presents the total cost for each alternative (with both on-site beneficial reuse
3416 and off-site disposal options) with their respective ranges of -30%/+50% accuracy to illustrate that
3417 all remedial alternative costs fall within the CERCLA range of FS accuracy.

3418 **Off-Site Disposal of Sediments.** For Alternatives 2 through 4, off-site disposal generally adds
3419 approximately \$30 to \$35 M relative to the base cost for on-site beneficial reuse. The differences
3420 among the alternatives for these additional costs are primarily related to differences in the amount
3421 of material dredged (more over-dredge for hydraulic as compared with mechanical dredging) and
3422 the need for additives to eliminate free liquids (6% Portland cement added to mechanically
3423 dredged sediments and no additives for either Geotube or belt filter press dewatered sediments).
3424 These additional costs bring the total costs of the alternatives for off-site disposal up to a range
3425 of \$109.7 M to \$142.8 M. Alternative 6, which relies entirely upon transporting sediments via
3426 barge to an off-site processing facility has total estimated costs of \$93.5 M. Alternative 6 is
3427 therefore considered the least cost alternative for off-site disposal. A significant factor in this
3428 reduction in costs is related to the lack of need for on-site infrastructure related to off-loading,
3429 processing, placing, and hauling material. Another factor is the efficiency of barge transport
3430 relative to trucking. The next lowest cost alternative is Alternative 5 (Geotube \$109.7 M) followed
3431 by Alternative 3 (\$112.5 M).



3432 It is important to note that costs of these alternatives (except for Alternative 2, belt filter press) fall
3433 within the FFS accuracy range of -30%/+50% for the lowest off-site disposal alternative. For
3434 example, the -30%/+50% FFS cost accuracy yields a range of \$65.4 M to \$140.2 M for Alternative
3435 6 (lowest off-site disposal alternative). All other alternative costs (except for Alternative 2) fall
3436 within this range, suggesting that most alternatives can be considered cost-effective and that the
3437 differences between the alternatives are relatively minor (see Figure 6-1). .



3438 **7.0 PREFERRED REMEDY**

3439 Based on the rankings presented in **Table 7-1** and the detailed and comparative analyses, the
3440 preferred remedy for the Tidal Flats is Alternative 3, Mechanical Dredging, when coupled with on-
3441 site beneficial re-use of sediments. This option has the highest ranking at a score of 25 points,
3442 with an accuracy range 24 to 26 points, while other options ranged from 14 to 24 points, with
3443 accuracy ranges of 13 to 15 points and 23 to 25 points, respectively³. While the score of this
3444 alternative falls within the accuracy range for Alternative 4, Geotubes, which has a score of 24
3445 points and an accuracy range of 23 to 25 points, there are several advantages including its relative
3446 simplicity which make it the preferred remedy. It is protective of human health and the
3447 environment, complies with ARARs, is cost-effective, and provides the best tradeoffs with respect
3448 to the balancing criteria (as compared with other alternatives) including the best combination of
3449 time to achieve the RAOs, certainty of success, and reliability.

3450 The main factors that differentiate Alternative 3 from other Alternatives include: shortest overall
3451 schedule/highest productivity, lower amount of water incorporated with dredged materials, lower
3452 volume of sediments excavated, easily implemented and less technically complex due to the lack
3453 of need for very large-scale dewatering and water treatment equipment, and lowest overall cost.

3454 The preferred remedy for the Tidal Flats would be coupled with the preferred remedy for Outfall
3455 008, which is mechanical excavation in the dry coupled with on-site beneficial reuse. Only one
3456 Alternative was retained and analyzed for Outfall 008 and therefore rankings were not developed
3457 for this AOC.

3458 **7.1 Preferred Remedy Advantages**

3459 Alternative 3 would utilize the latest technology in environmental dredging by including a precision
3460 low turbidity level cut, environmental clamshell bucket. This equipment minimizes overdredge,
3461 reducing the amount of dredged materials generated, minimizes the generation of resuspended
3462 sediment relative to other mechanical dredging technologies and mixing of underlying clean
3463 sediments, and entrains a much lower amount of water (orders of magnitude) with dredged
3464 materials relative to hydraulic dredging, particularly when operated by experienced, qualified
3465 contractors.

3466 In addition, Alternative 3 has the highest anticipated productivity rate which would result in the
3467 overall shortest schedule as compared with other alternatives. Alternative 3 provides these
3468 benefits at a cost that is nearly lowest among all the alternatives evaluated (only Alternative 4,

³ The development of scores for alternatives is by its nature highly subjective; however, it provides a useful framework for categorizing and organizing the performance of various alternatives with respect to the evaluation criteria. Using the 0 to 4-point scale for each criterion, total scores within one point of each other can be considered essentially the same due to the subjective nature of this evaluation. The score itself is not the final decision factor in selecting a remedy. Rather, it helps to identify the major advantages and disadvantages among the alternatives to be discussed as part of the preferred remedy.



3469 Mechanical Dredging with Hydraulic Transport of sediments and Geotubes is slightly lower by
3470 \$1M) while completing the work in less time and performing the work more accurately.

3471 The technologies for Alternative 3 are readily available and are easily implemented. Alternative 3
3472 would generate a significantly lower volume of water relative to hydraulic dredging and hydraulic
3473 transport options. Operation of this alternative will be less complex than other alternatives and
3474 its on-site footprint will be less than hydraulic transport options because of the lack of a large,
3475 complex dewatering and water treatment system.

3476 Generation of turbidity can be minimized through proper operation of the equipment and selection
3477 of an experienced dredging contractor and can be adequately controlled via silt curtain technology
3478 as part of a turbidity monitoring, management, and maintenance program. Dredged materials will
3479 require Portland cement solidification because gravity drainage alone will not reduce free liquids
3480 sufficiently; however, this is a standard element of dredged material processing and not difficult
3481 to incorporate.

3482 Finally, under Alternative 3, sediment that is beneficially reused on-site requires solidification
3483 which provides the added benefit of increased strength (which is likely required for future
3484 development purposes) and its capacity to entrain and isolate contamination. Alternative 3
3485 includes solidification with Portland cement at 6% and will generate a material that would achieve
3486 typical UCS required for on-site use, while other options (Alternative 2 and 4) do not include
3487 strengthening additives. These factors additionally make Alternative 3 most preferable.

3488 For off-site disposal, Alternative 6 (Mechanical Dredging with Off-site Disposal via Barge) is the
3489 preferred remedy because of its cost-effectiveness. This alternative achieves many of the same
3490 benefits as Alternative 3 (on-site beneficial reuse). In addition, when Alternative 6 is compared to
3491 alternatives that utilize hydraulic dredging or hydraulic transport followed by mechanical
3492 dewatering technologies, the additional costs for dewatering and added complexity are not
3493 justified. These dewatering technologies have the potential to reduce the amount of dewatered
3494 material disposed of off-site by achieving higher percent solids as compared with gravity drainage
3495 (Alternatives 3 and 6). Finally, Alternative 6 would have a minimal on-site footprint, with the lowest
3496 short-term impacts to the Site and local community because it is primarily a water-based
3497 operation.

3498 **7.2 Criteria-Specific Rankings**

3499 This subsection describes the differences among the alternatives that were used to develop the
3500 scores for each alternative as presented on Table 7.1.

3501 **7.2.1 Overall Protection of Human Health and the Environment, Compliance with** 3502 **ARARs, and Long-term Effectiveness**

3503 All Alternatives were scored the same with respect to the first three of the seven criteria: Protection
3504 of Human Health and the Environment, Compliance with ARARs, and Long-term Effectiveness.



3505 All alternatives were rated high because they all adequately protect human health and the
3506 environment, comply with ARARs, and remove all impacted sediments from the Site. As a result,
3507 each alternative was scored “high” and scored four points each in each of these categories.

3508 **7.2.2 Reduction of Toxicity, Mobility or Volume through Treatment**

3509 Mechanically dredged sediments (Alternative 3, 5, and 6) scored highest under this criterion and
3510 each received a rating of “moderate to high,” or three points. These alternatives all have the
3511 advantage of the ability to dredge less materials than hydraulic dredging based upon the accuracy
3512 of the equipment. For purposes of this FFS, the overdredge quantity of 0.2 ft results in an
3513 additional volume of approximately 16,100 cy for Alternative 3, 4, 5, and 6, while an assumed
3514 overdredge of 0.4 ft results in an additional volume of 30,800 cy (Alternative 2) over the neat
3515 volume of approximately 140,000 cy. These differences are reflected in the scores.

3516 Hydraulically conveyed sediments (Alternatives 2 and 4) treated via Geotubes also scored
3517 “moderate to high” and received three points each. This score reflects the fact that while
3518 Alternatives 3, 5, and 6 generated the lowest amount of water to be treated, the addition of
3519 Portland cement was found to be necessary, which generally slightly increases the volume of
3520 materials. Alternative 3, 4, 5, and 6 also have the added advantage of less mixing of underlying
3521 clean sediments as compared with Alternative 2 (see **Appendix E**, Dredging Alternative
3522 Evaluation, **Table 7**, “Point of Dredging”).

3523 For Alternatives relying upon belt press or Geotube technology, Portland cement addition was not
3524 found to be necessary to eliminate free liquids. However, these same alternatives were deducted
3525 a point each due to the results of the treatability testing which showed that the pressate from the
3526 belt press contained dissolved PCBs above state surface water SB standards (see **Table C-12** of
3527 **Appendix C**) in both unfiltered and filtered samples whereas Geotube filtrate did not contain
3528 PCBs. Furthermore, hydraulically dredged sediments (Alternative 2) were deducted an additional
3529 point due to the extra volume that would be removed due to the lower dredging accuracy of this
3530 equipment relative to a precision mechanical bucket. Therefore, Alternative 2 was assigned “low
3531 to moderate” (one point) and “moderate” (two points) for belt press and Geotube dewatering,
3532 respectively.

3533 **7.2.3 Short-term Effectiveness**

3534 The scoring for short-term effectiveness was heavily influenced by the anticipated schedule (time
3535 to achieve RAOs). Alternatives relying upon mechanical dredging all scored “moderate to high”
3536 or three points each based upon the estimated time frame of three to four seasons to complete
3537 the work. None of the on-site beneficial re-use options scored a “high” rating (four points) due to
3538 this long-time frame and the amount of on-site infrastructure needed to complete the work (related
3539 to short-term impacts to workers and the local community). Alternative 6 scored “high” because
3540 of its lack of on-site infrastructure, minimizing local impacts and the time required to mobilize and
3541 demobilize from the site.

3542 Alternative 2, Hydraulic Dredging, was rated lowest, due to its anticipated longer time resulting
3543 from lower productivities (four to five seasons vs. three to four seasons for mechanically dredged



3544 materials). Furthermore, alternatives (Alternatives 2 and 4) that rely upon belt press technology
3545 were scored lower than their Geotube counterparts due to increased short-term impacts to the
3546 site and workers related to the larger footprint required for dewatering and potentially water
3547 treatment (truck traffic, increased noise, and worker safety issues). Alternatives 2 and 4 were
3548 scored “low” (zero points) and “moderate” (two points), respectively, for the belt press option, and
3549 “low to moderate” (one point) and “moderate to high” (three points), respectively, for the Geotube
3550 option to account for these factors.

3551 Alternatives 3, 5 and 6 all scored similarly for short-term effectiveness since they all incorporated
3552 mechanical dredging as the sediment removal method. However, Alternative 6 ranked the highest
3553 in short term effectiveness due to barging sediment off-site.

3554 **7.2.4 Implementability**

3555 Alternative 3 was rated “moderate to high” (three points), higher than any other on-site options
3556 due to the relatively lower level of complexity, in total, of this alternative as compared with other
3557 options. Alternatives 2 and 4 (Geotube) were both rated “moderate” (two points) to reflect
3558 increased complexity of the alternative related to dredging technology, dewatering, and water
3559 treatment relative to Alternative 3. Alternatives 2 and 4 (belt press) were rated lower than their
3560 Geotube counterparts due to the increased complexity of operation related to belt press
3561 technology. Another subtle factor which is considered when comparing Alternatives 2 and 4 is
3562 the balance between established technologies of hydraulic dredging and mechanical dredging
3563 and the innovative nature of the mechanical dredging/hydraulic transport approach, which
3564 balances the scores for these two options (both receiving the same scores of “low to moderate”
3565 and “moderate” for belt press and Geotube technology, respectively).

3566
3567 Alternative 5 is scored “moderate” (two points) to reflect two balancing factors relative to other
3568 alternatives. The technology is relatively unproven within the United States which results in a lack
3569 of availability of this technology (only one contractor is known to exist on the East coast); however,
3570 the alternative does not rely on extensive dewatering and water treatment technologies.

3571
3572 When off-site disposal is considered, Alternative 6 is considered the most easily implemented due
3573 to its limited need for on-site infrastructure.

3574 **7.2.5 Cost**

3575
3576 Alternatives 3 and 4 (Geotube) both scored “high” (four points) based on their very similar lowest
3577 total capital costs (\$79.4 vs. \$78.4M, respectively). These alternatives achieve these costs
3578 through high productivity and lower volume (Alternatives 3 and 4), low volume of water for
3579 treatment (Alternative 3) and ease of operation (Alternative 4, geotubes). However, it is important
3580 to note that while Alternative 3 includes the addition of 6% Portland cement, Alternative 4 does
3581 not, which, if required to meet on-site strength requirements, could add several million dollars to
3582 the overall cost. The next lowest cost alternatives, Alternatives 5 (\$82.1M, including 6% Portland
3583 cement) and 4 (belt press, \$85.5M, no Portland cement) were scored “moderate” (two points)
3584 followed by Alternative 2 (\$95.3M, geotubes, no Portland cement) “low to moderate” (one point)
3585 and Alternative 2 (\$108.7M, belt press, no Portland cement) “low” (zero points).



3586
3587 Among the off-site disposal options. Alternative 6 scored highest based on its lowest overall cost
3588 of \$93.5M.

3589
3590 **7.3 Conclusion**

3591 The preferred remedy for the SAEP tidal flats and Outfall 008 dredging is Alternative 3,
3592 Mechanical Dredging coupled with on-site beneficial reuse. Alternative 3 would provide protection
3593 to human health and the environment, would comply with ARARs, and provides the best mix of
3594 tradeoffs among the balancing criteria. Alternative 3 would minimize environmental impacts by
3595 utilizing precision mechanical dredging technology which reduces resuspension and residuals.
3596 Alternative achieves these benefits by minimizing the volume of sediments removed through the
3597 most accurate dredging technology available and by minimizing the amount of water entrained
3598 with sediments. Alternative 3 also would minimize impacts by completing the work in the shortest
3599 overall schedule, which is estimated to be three to four seasons for a seven-month working
3600 window and two years if the work schedule can be expanded to seven days per week and 24
3601 hours per day. If twelve months per year working time are permitted, then the schedule could
3602 shorten even further to approximately eighteen months. Finally, Alternative 3, when coupled with
3603 on-site beneficial reuse, would generate sediments processed with Portland cement that can
3604 readily be reused at the site for most redevelopment purposes.

3605 Should off-site disposal of all sediments be required, Alternative 6, Mechanical Dredging followed
3606 by off-site disposal via barge transport is the preferred remedy.



3607 **8.0 REFERENCES**

- 3608 ACSIM, 2004. Final Remedial Investigation Report, Stratford Army Engine Plant, Stratford, CT.
3609 Prepared for the U.S. Army. September 2004.
- 3610 AECOM, 2015. Removal Action Final Report for the Time Critical Removal Action, Airport
3611 Property Portion of Operable Unit 6, Raymark Industries, Inc., Superfund Site. Prepared
3612 for CT DOT, September 2015.
- 3613 Amec Foster Wheeler, 2014a. Final Work Plan: Determination of Sediment Remediation
3614 Endpoints, Tidal Flats and Outfall 008, Stratford Army Engine Plant, Stratford, CT. April
3615 16, 2014.
- 3616 Amec Foster Wheeler, 2014b. Draft Sediment Remediation Endpoints Report, Tidal Flats and
3617 Outfall 008, Stratford Army Engine Plant, Stratford, CT. September 26, 2014.
- 3618 Amec Foster Wheeler, 2017. Sediment Remediation Endpoints Report, Stratford Army Engine
3619 Plant, Stratford, Connecticut. August 2017.
- 3620 Amec Foster Wheeler, 2018a. Final Sediment Remediation Endpoints Report, Stratford Army
3621 Engine Plant, Stratford, Connecticut. January 2018.
- 3622 Amec Foster Wheeler, 2018b. Addendum - Final Sediment Remediation Endpoints Report,
3623 Stratford Army Engine Plant, Stratford, Connecticut. January 2018.
- 3624 Amec Foster Wheeler, 2018c. Final Field Sampling Plan, Stratford Army Engine Plant, Stratford,
3625 Connecticut. January 2018.
- 3626 Amec Foster Wheeler, 2018c. Addendum - Final Sediment Remediation Endpoints Report,
3627 Stratford Army Engine Plant, Stratford, Connecticut. March 2018.
- 3628 CT DEEP, 2011. Water Quality Standards. Bureau of Water Protection and Land Reuse Planning
3629 and Standards Division. Surface Water Quality Standards Effective February 25, 2011,
3630 Groundwater Water Quality Standards Effective April 12, 1996.
3631 http://www.ct.gov/deep/lib/deep/water/water_quality_standards/wqs_final_adopted_2_25_11.pdf
3632
- 3633 CT DEEP, 2013. State of Connecticut of Department of Energy and Environmental Protection
3634 Concerning Remediation Standard Regulation, RCSA Section 22a-133k 1 through 3.
3635 <https://eregulations.ct.gov/eRegsPortal/Browse/RCSA/%7BEAD3787B-7651-4803-8239-CCD2B569E8A0%7D>
3636 June 27, 2013.



- 3637 CT DEEP, 2017. Water Quality Classifications, Stratford CT. October 2017.
3638 http://cteco.uconn.edu/maps/town/wtrqualcl/WtrQualCl_Stratford.pdf
- 3639 OMB 2016. 2017 Discount Rates for OMB Circular No. A-94., Executive Office of the President,
3640 Office of Management and Budget. December 12, 2016.
3641 <https://obamawhitehouse.archives.gov/sites/default/files/omb/memoranda/2017/m-17-10.pdf>
3642
- 3643 RS Means, 2017. Historical Cost Indexes, 2017.
3644 <https://www.rsmeansonline.com/references/unit/refpdf/hci.pdf>
- 3645 URS Corporation AES, 2014. Removal Work Plan for the Time Critical Removal Action, Airport
3646 Property Portion of Operable Unit 6, Raymark Industries, Inc., Superfund Site, To Be
3647 Undertaken as Part of the Safety Improvements to Include Re-Alignment of Main Street
3648 (CT Rte. 113), CT DOT Project No. 15-336, Stratford, CT. URS Project No. 36938969.
3649 February 28, 2014.
3650
- 3651 USEPA 1988. Guidance for Conducting Remedial Investigation/Feasibility Studies Under
3652 CERCLA. USEPA, Interim Final, October 1988.
3653 <https://nepis.epa.gov/Exe/ZyNET.exe/10001VGY.TXT?ZyActionD=ZyDocument&Client=EPA&Index=1986+Thru+1990&Docs=&Query=&Time=&EndTime=&SearchMethod=1&TocRestrict=n&Toc=&TocEntry=&QField=&QFieldYear=&QFieldMonth=&QFieldDay=&IntQFieldOp=0&ExtQFieldOp=0&XmlQuery=&File=D%3A%5Czyfiles%5CIndex%20Data%5C86thru90%5CTxt%5C00000003%5C10001VGY.txt&User=ANONYMOUS&Password=anonymous&SortMethod=h%7C-&MaximumDocuments=1&FuzzyDegree=0&ImageQuality=r75g8/r75g8/x150y150q16/i425&Display=hpfr&DefSeekPage=x&SearchBack=ZyActionL&Back=ZyActionS&BackDesc=Results%20page&MaximumPages=1&ZyEntry=1&SeekPage=x&ZyPURL>
3654
3655
3656
3657
3658
3659
3660
3661
- 3662 USEPA 1989. CERCLA Compliance with Other Laws Manual, Overview of ARARS. USEPA,
3663 Office of Solid Waste and Emergency Response, Publication No. 9234.2-03-FS.
3664 December 1989.
3665 <https://nepis.epa.gov/Exe/ZyNET.exe/9100UG7V.txt?ZyActionD=ZyDocument&Client=EPA&Index=1986%20Thru%201990&Docs=&Query=&Time=&EndTime=&SearchMethod=1&TocRestrict=n&Toc=&TocEntry=&QField=&QFieldYear=&QFieldMonth=&QFieldDay=&UseQField=&IntQFieldOp=0&ExtQFieldOp=0&XmlQuery=&File=D%3A%5CZYFILES%5CINDEX%20DATA%5C86THRU90%5CTXT%5C000000025%5C9100UG7V.txt&User=ANONYMOUS&Password=anonymous&SortMethod=h%7C-&MaximumDocuments=1&FuzzyDegree=0&ImageQuality=r75g8/r75g8/x150y150q16/i425&Display=hpfr&DefSeekPage=x&SearchBack=ZyActionL&Back=ZyActionS&BackDesc=Results%20page&MaximumPages=1&ZyEntry=2#>
3666
3667
3668
3669
3670
3671
3672
3673

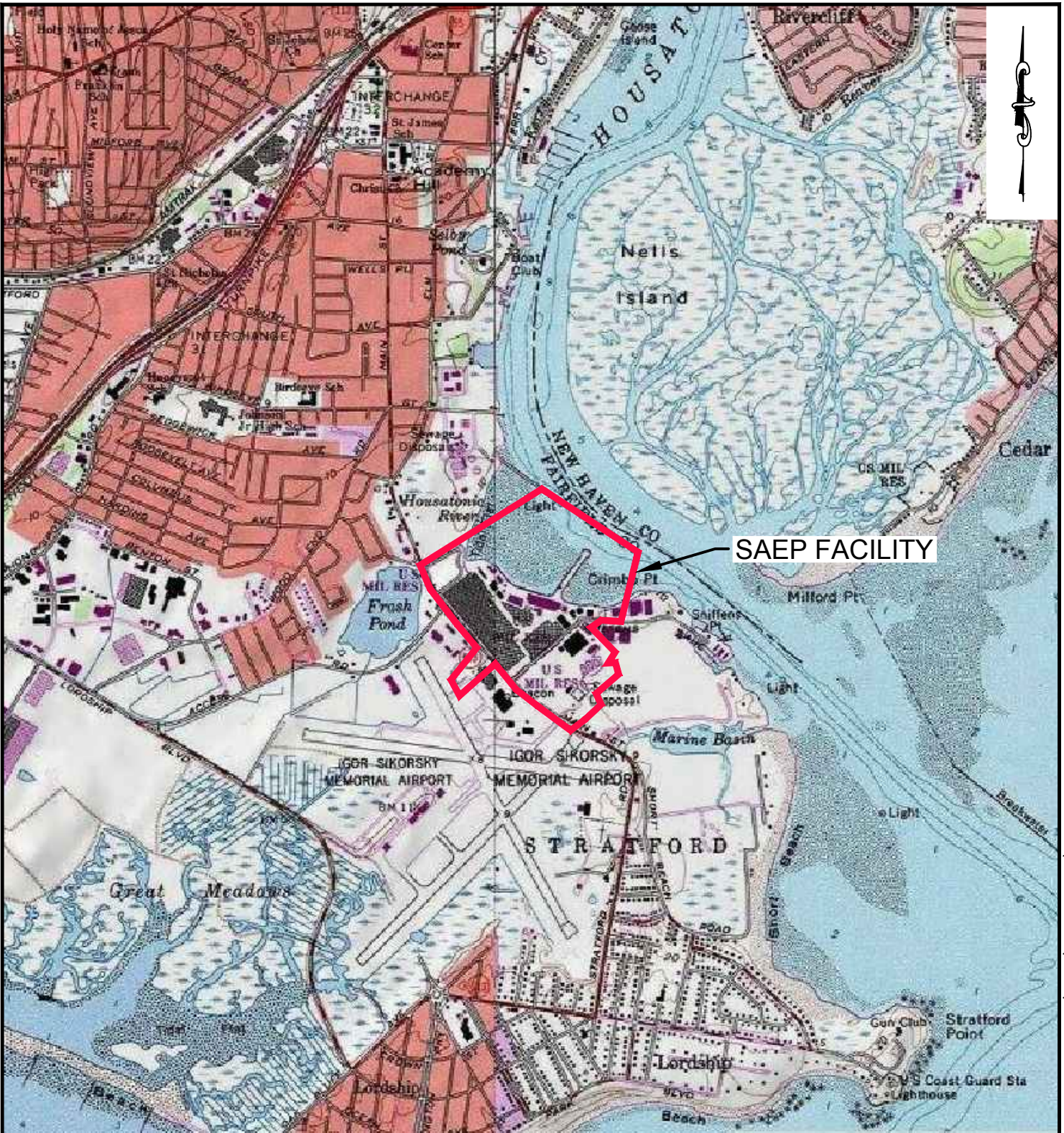


- 3674 USEPA, 1996. Region I, EPA-New England Data Validation Functional Guidelines for Evaluating
3675 Environmental Analyses. July 1996. Revised December 1996.
3676 <https://nepis.epa.gov/Exe/ZyNET.exe/91020PKX.TXT?ZyActionD=ZyDocument&Client=EPA&Index=1995+Thru+1999&Docs=&Query=&Time=&EndTime=&SearchMethod=1&TocRestrict=n&Toc=&TocEntry=&QField=&QFieldYear=&QFieldMonth=&QFieldDay=&IntQFieldOp=0&ExtQFieldOp=0&XmlQuery=&File=D%3A%5Czyfiles%5CIndex%20Data%5C95thru99%5CTxt%5C00000036%5C91020PKX.txt&User=ANONYMOUS&Password=anonymous&SortMethod=h%7C-&MaximumDocuments=1&FuzzyDegree=0&ImageQuality=r75g8/r75g8/x150y150g16/i425&Display=hpfr&DefSeekPage=x&SearchBack=ZyActionL&Back=ZyActionS&BackDesc=Results%20page&MaximumPages=1&ZyEntry=1&SeekPage=x&ZyPURL>
3677
3678
3679
3680
3681
3682
3683
3684
- 3685 USEPA, 2016. Waste Site Cleanup & Reuse in New England - Stratford Army Engine Plant.
3686 Updated May 31, 2016.
3687 https://yosemite.epa.gov/r1/npl_pad.nsf/8b160ae5c647980585256bba0066f907/535708bdb8e8342085256b4200606200!OpenDocument
3688





United States Army Corps of Engineers, New England District
Stratford Army Engine Plant, Stratford, CT
DRAFT FINAL Focused Feasibility Study

FIGURES



SOURCE:
 www.ARCGIS.com – USA TOPO MAPS,
 THIS MAP IS SUBJECT TO ESRI'S TERMS OF SERVICE,
 AND ESRI IS THE OWNER OF RIGHTS THEREIN.



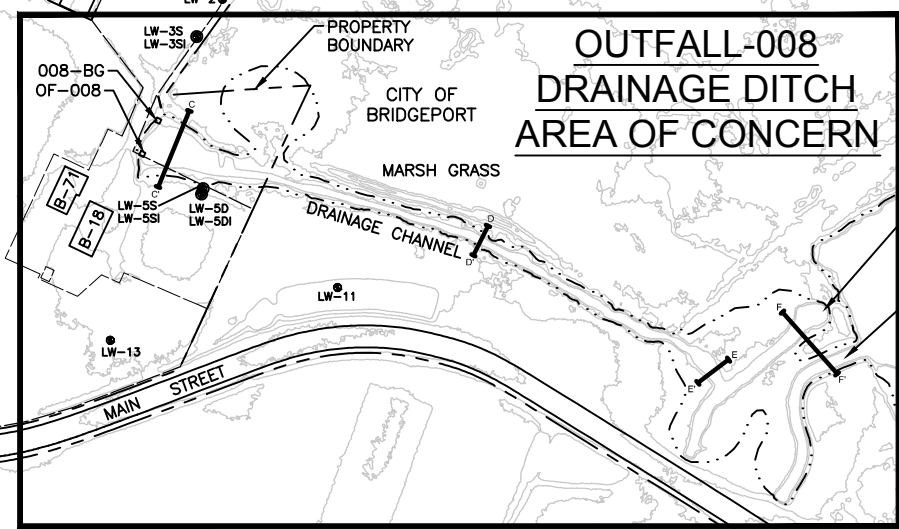
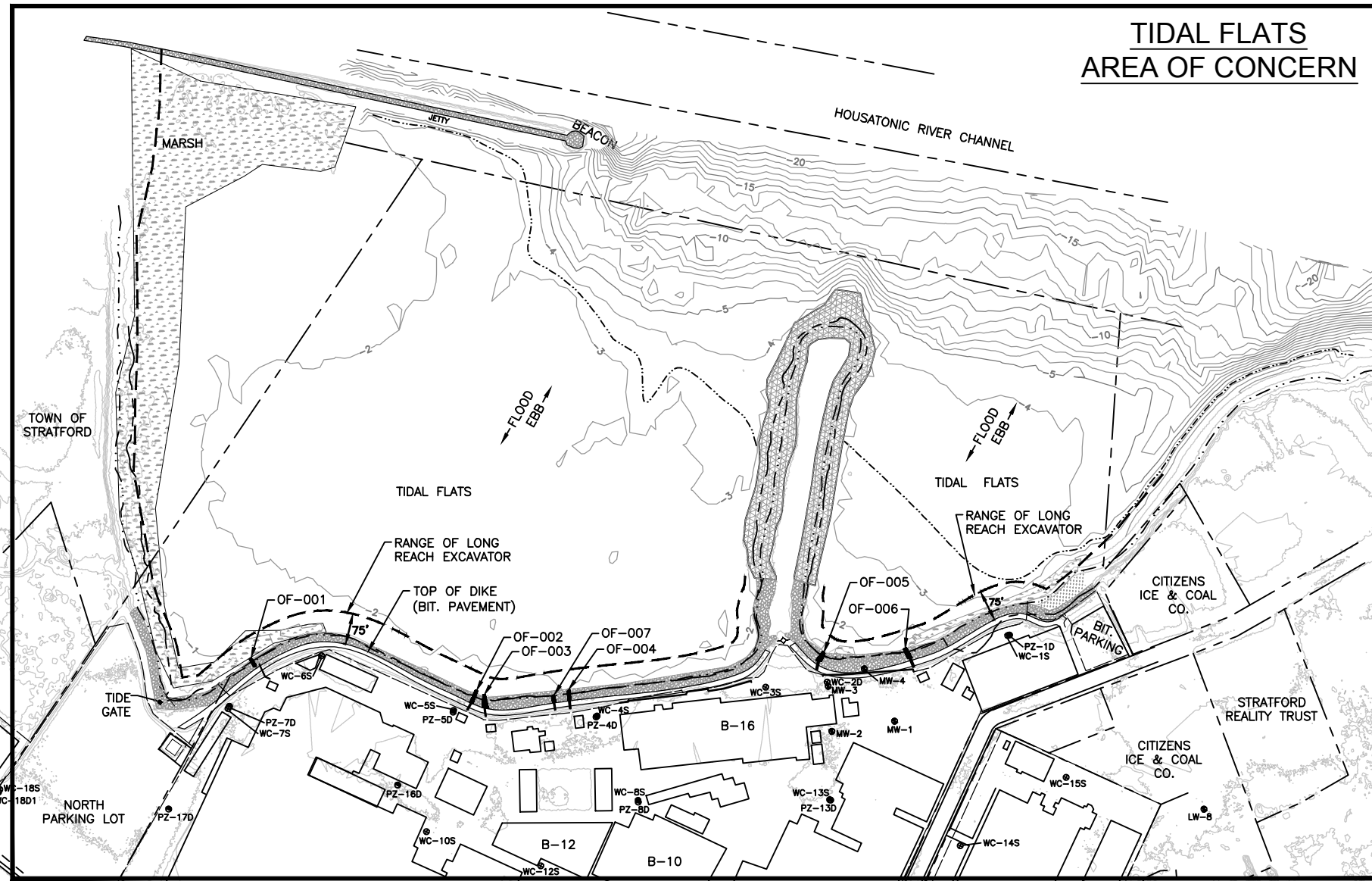
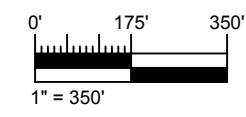
CLIENT US ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT, CONCORD, MA	 US Army Corps of Engineers®	 ENVIRONMENT & INFRASTRUCTURE, INC. 271 MILL ROAD CHELMSFORD, MA 01824	
PROJECT STRATFORD ARMY ENGINE PLANT SEDIMENT DREDGING, STRATFORD, CT		DWN BY: BEG	SCALE: AS SHOWN
TITLE SITE LOCATION MAP	CHK'D BY: DAA	PROJECT NO: 3616176064	FIGURE No. 1-1




TIDAL FLATS AREA OF CONCERN

- LEGEND**
- PROPERTY BOUNDARY
 - - - MEAN LOW WATER
 - - - MEAN HIGH WATER
 - [Pattern] RIP RAP BANK
 - [Pattern] MARINE MATTING
 - [Pattern] MARSH/ GRASS LAND
 - [Box] B-15 BUILDING WITH ID

NOTE:
BATHYMETRY SURVEY FROM JANUARY, 2015.



DRAFT



**amec
foster
wheeler**

AMEC FOSTER WHEELER
ENVIRONMENT & INFRASTRUCTURE, INC.
271 MILL ROAD
CHELMSFORD MASSACHUSETTS 01824
TELEPHONE: (978) 692-9090
FAX: (978) 692-6633
WEB: WWW.AMECFW.COM

CLIENT LOGO:



**US Army Corps
of Engineers®**

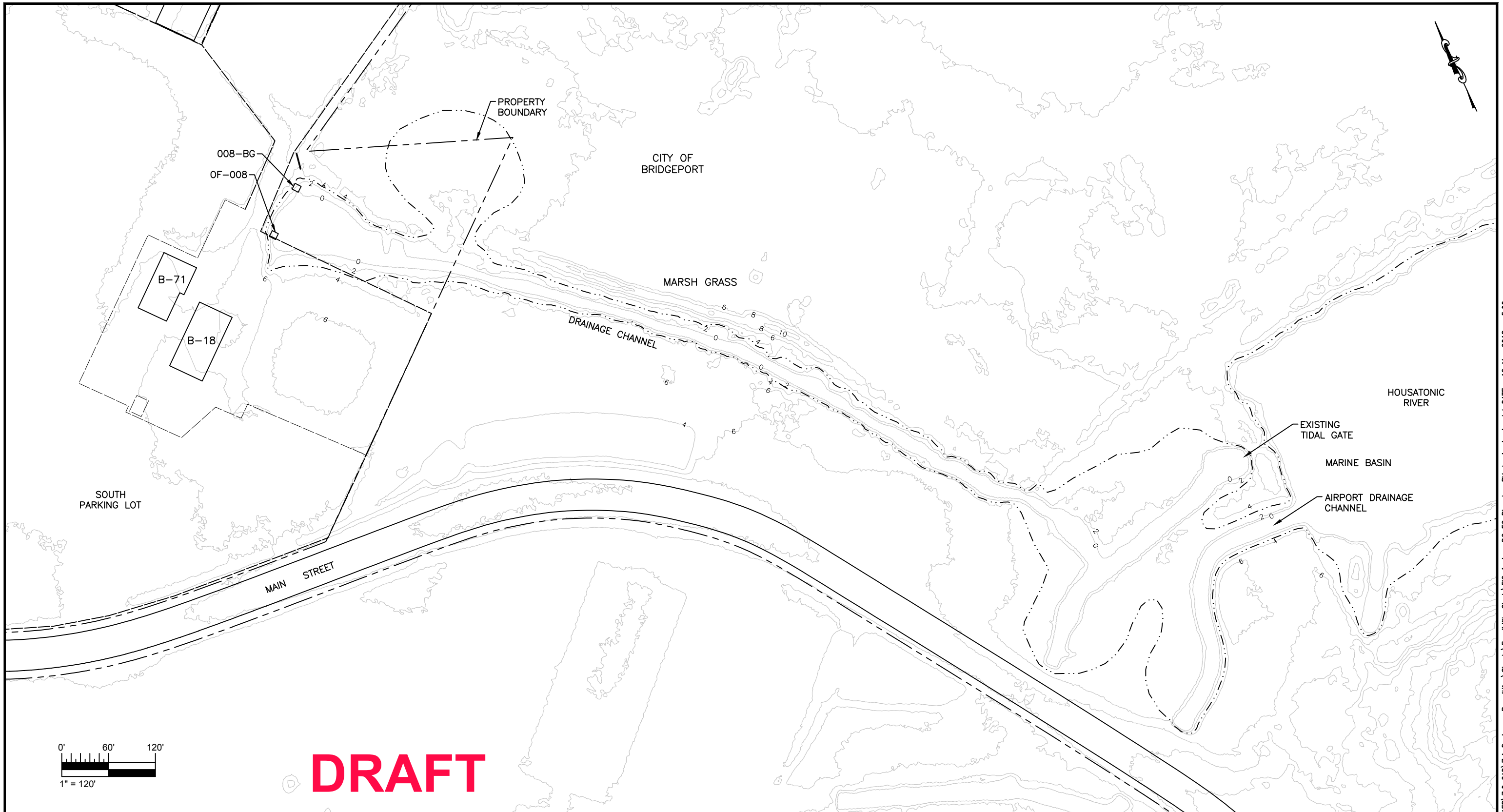
CLIENT:
**US ARMY CORPS
OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MA**

PROJECT:
**STRATFORD ARMY
ENGINE PLANT
SEDIMENT DREDGING
STRATFORD, CT**

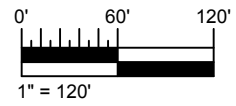
DRAWN BY: BEG	CHECKED BY: DAA
SCALE: AS SHOWN	DATE: FEB 2018
DATUM: NAD83	PROJECTION: CT STATE PLANE
PROJECT NUMBER: 3616176064	

TITLE:
AREA MAP

FIGURE NUMBER:
1-2



DRAFT



LEGEND	
	BUILDING
	MEAN HIGH TIDE
	PROPERTY BOUNDARY

CLIENT LOGO



US Army Corps of Engineers®

CLIENT: US ARMY CORPS OF ENGINEERS
 NEW ENGLAND DISTRICT
 CONCORD, MASSACHUSETTS

PROJECT: STRATFORD ARMY ENGINE PLANT
 SEDIMENT DREDGING
 STRATFORD, CONNECTICUT

DRAWN BY: BEG
 CHECKED BY: DAA
 DATUM: NAD 83
 PROJECTION: CT STATE PLANE
 SCALE: AS SHOWN

amec foster wheeler 

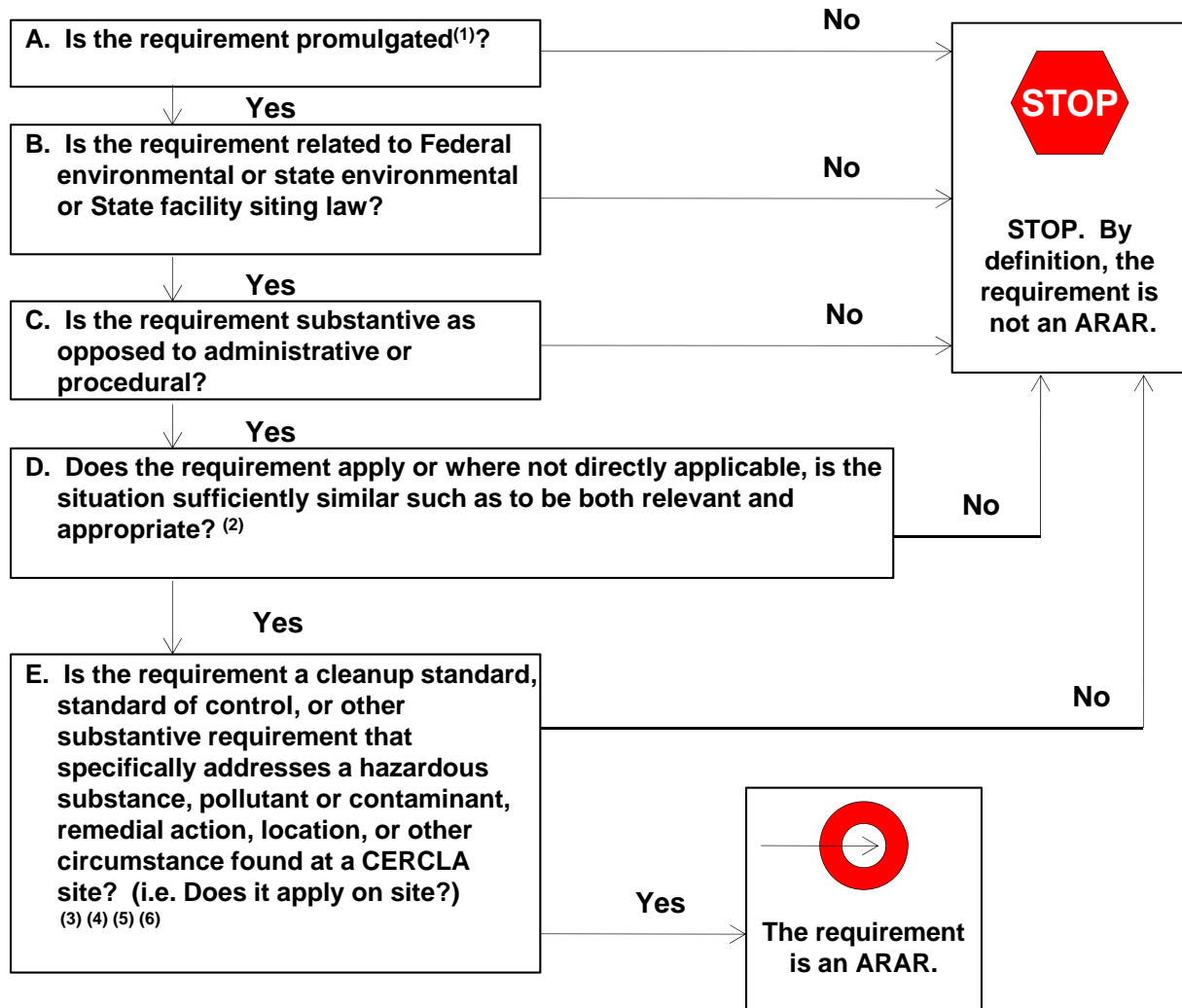
ENVIRONMENT & INFRASTRUCTURE, INC.
 271 MILL ROAD, CHELMSFORD, MASSACHUSETTS 01824

TITLE: DRAINAGE DITCH EXISTING CONDITIONS PLAN

DATE: FEB 2018
 PROJECT NO: 3616176064
 FIGURE No: 1-4

ARAR Logic Flowchart

For Determining if a Requirement is an ARAR

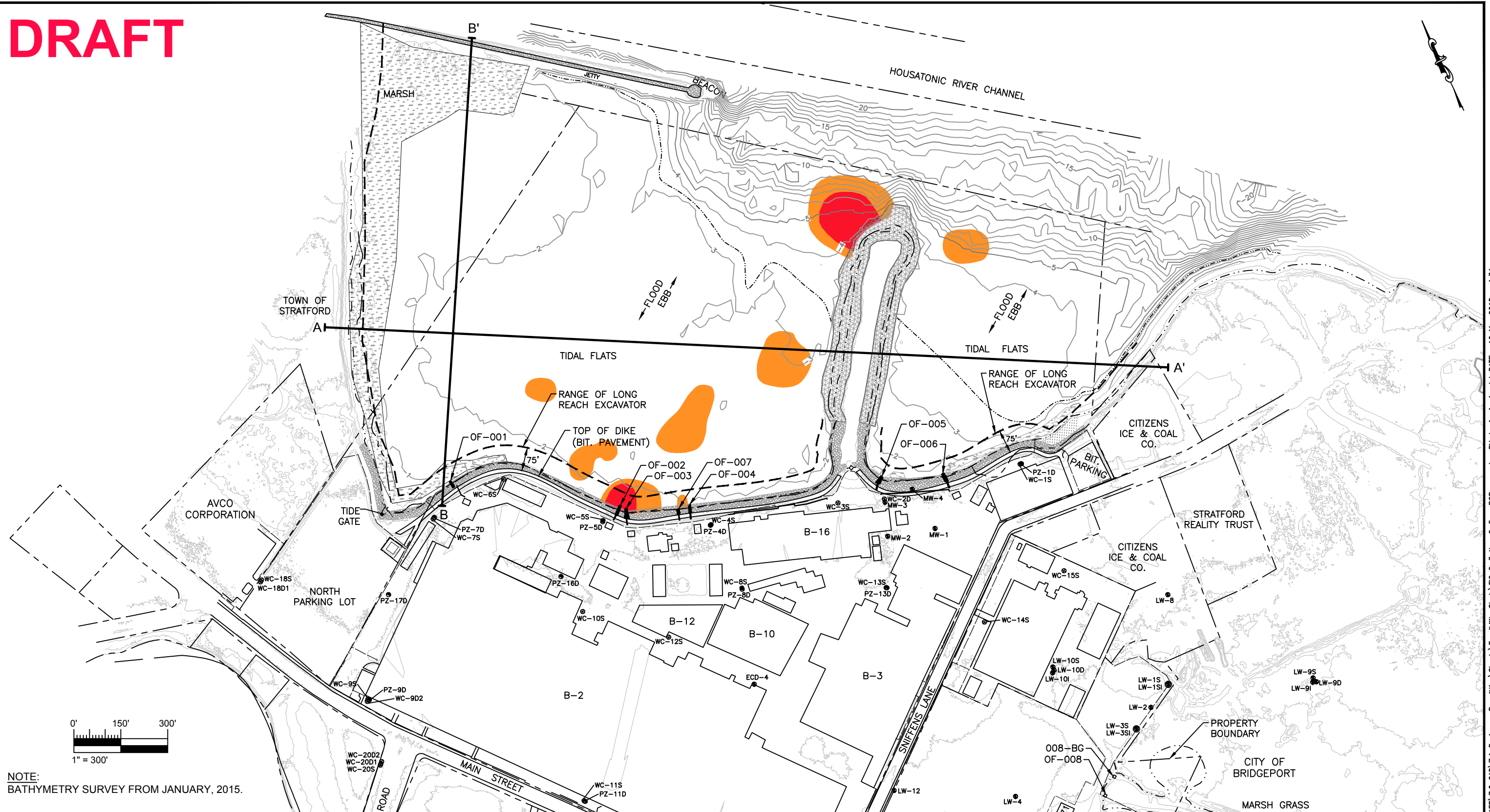


- (1) Promulgated means the requirement is of general applicability and legally enforceable. In general, regulations have gone through the formal administrative procedures to make them legally enforceable. Guidance documents are not promulgated.
- (2) See NCP criteria for relevant and appropriate discussed below or in 40 CFR 300.400(g)(2).
- (3) MMRP sites are treated as CERCLA sites, by policy, regardless of whether or not a hazardous substance, pollutant, or contaminant has been released (ER-2003-1).
- (4) "Hazardous substances" are defined in CERCLA 101(14) and 40 CFR 300.5 and listed by chemical name in 40 CFR 302.4.
- (5) "Pollutant or contaminant" is defined in CERCLA 101(33) and 40 CFR 300.5 and response authority is limited to pollutants and contaminants that "may present an imminent and substantial danger to public health or welfare of the United States."
- (6) ARARs are identified for actions which occur onsite. Off-site activities must comply with all applicable requirements, but are not subject to designation of ARARs.



Figure 2-1: ARAR Logic Flowchart
 Stratford Army Engine Plant Feasibility Study
 Stratford, Connecticut
 February 2018

DRAFT



NOTE:
BATHYMETRY SURVEY FROM JANUARY, 2015.

LEGEND	
	PCBs ≥ 1 AND < 50 PPM
	PCBs ≥ 50 PPM

CLIENT LOGO



US Army Corps of Engineers

CLIENT: US ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS

PROJECT: STRATFORD ARMY ENGINE PLANT
SEDIMENT DREDGING
STRATFORD, CONNECTICUT

DRAWN BY: BEG
CHECKED BY: DAA
DATUM: NAD 83
PROJECTION: CT STATE PLANE
SCALE: AS SHOWN

amec foster wheeler

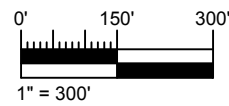
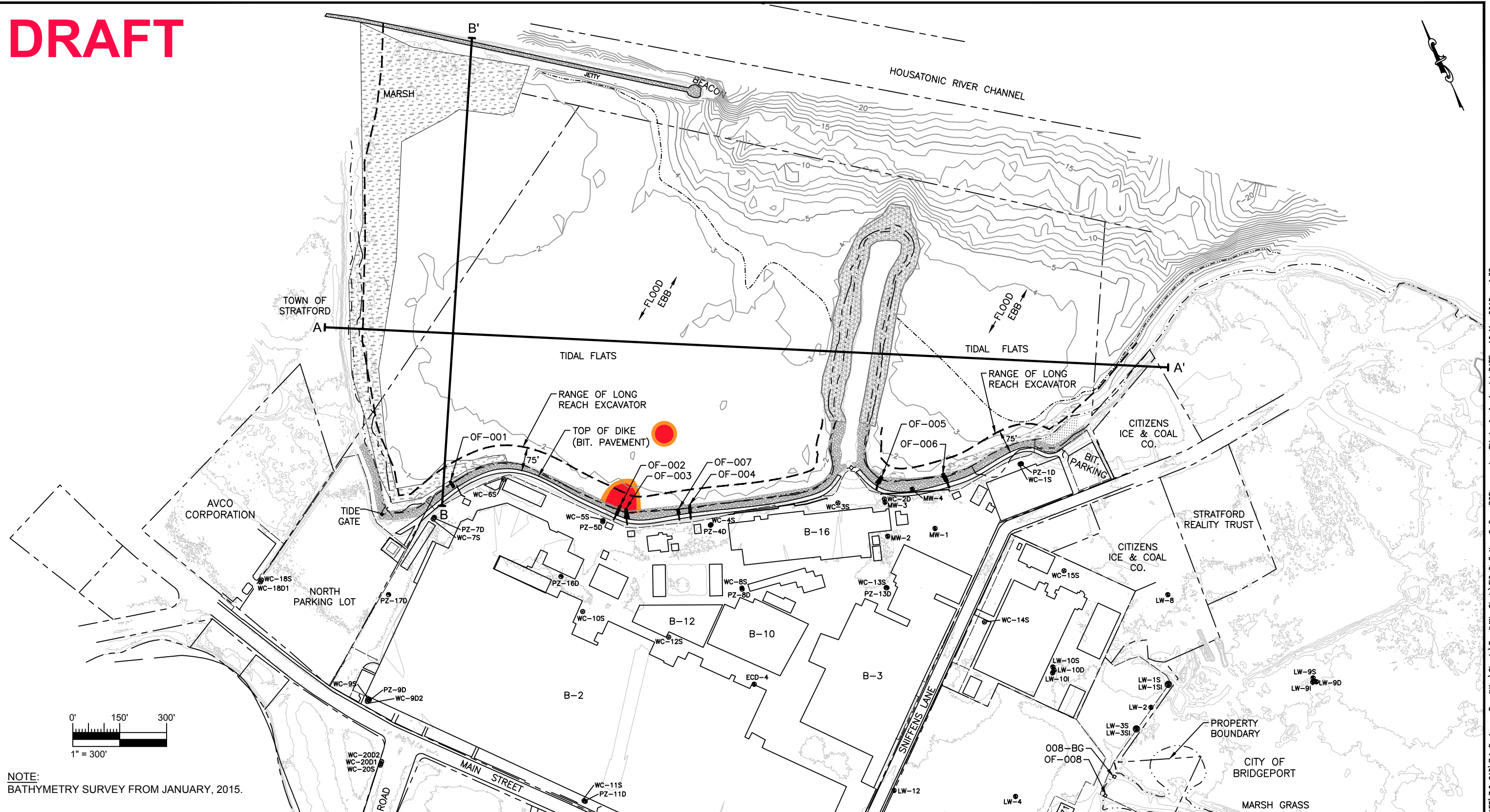
ENVIRONMENT & INFRASTRUCTURE, INC.
271 MILL ROAD, CHELMSFORD, MASSACHUSETTS 01824







TITLE: TIDAL FLATS - AREAS WITH PCBs
FROM 0 TO -1 FT DEPTH

DATE: FEB 2018
PROJECT NO: 3616176064
FIGURE No: 2-3

DRAFT

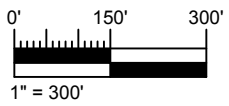
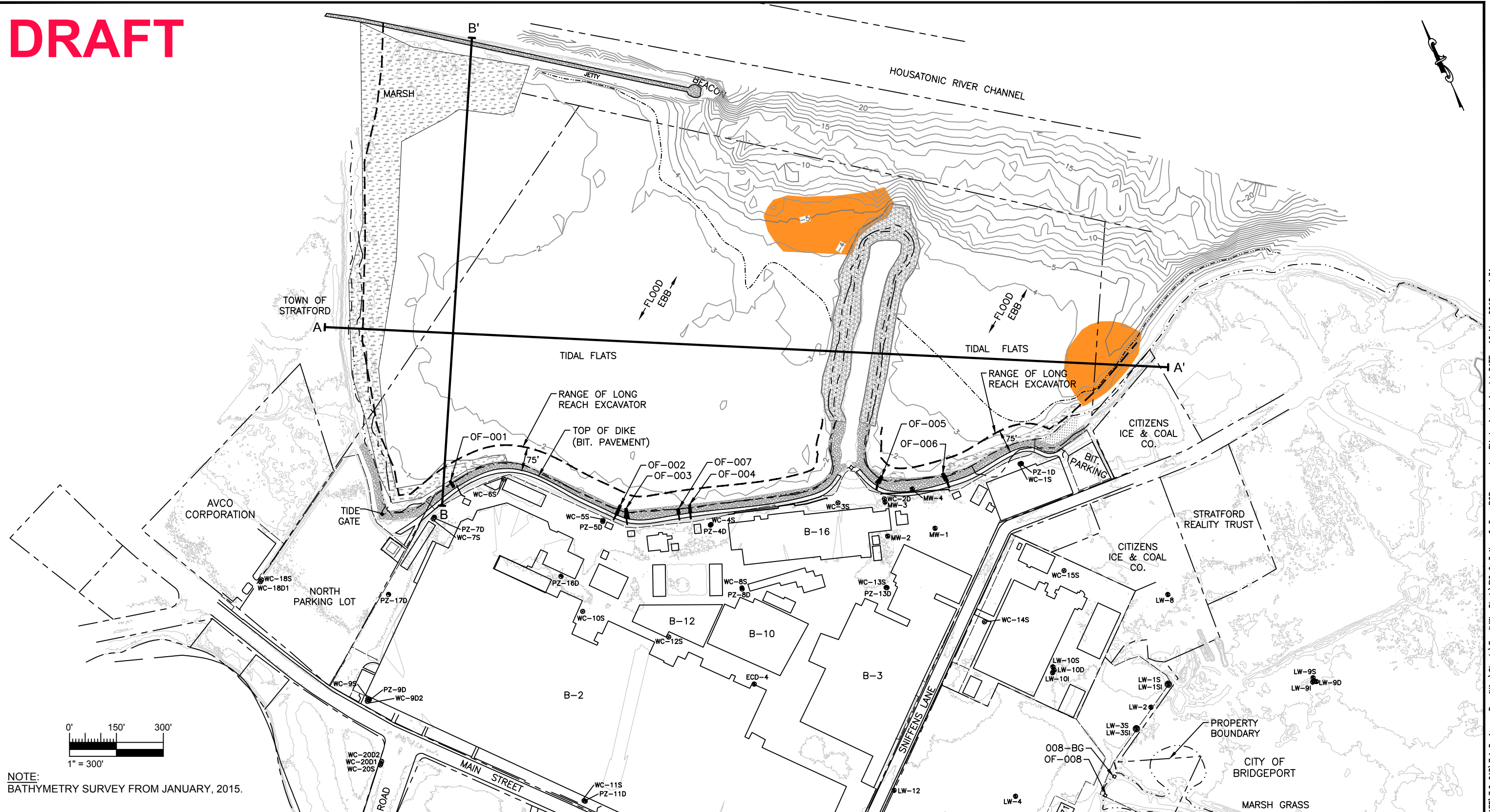


NOTE:
BATHYMETRY SURVEY FROM JANUARY, 2015.


<p>CLIENT LOGO</p>  <p>US Army Corps of Engineers</p>	<p>CLIENT:</p> <p>US ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT CONCORD, MASSACHUSETTS</p>	<p>DRAWN BY:</p> <p>BEG</p>	<p>amec foster wheeler</p> <p>ENVIRONMENT & INFRASTRUCTURE, INC. 271 MILL ROAD, CHELMSFORD, MASSACHUSETTS 01824</p> 	<p>DATE:</p> <p>FEB 2018</p>
	<p>PROJECT:</p> <p>STRATFORD ARMY ENGINE PLANT SEDIMENT DREDGING STRATFORD, CONNECTICUT</p>	<p>CHECKED BY:</p> <p>DAA</p>		<p>PROJECT NO:</p> <p>3616176064</p>
<p>LEGEND</p> <p> PCBs ≥1 AND <50 PPM</p> <p> PCBs ≥50 PPM</p>	<p>PROJECTION:</p> <p>CT STATE PLANE</p>	<p>TITLE</p> <p>TIDAL FLATS - AREAS WITH PCBs FROM -1 TO -2 FT DEPTH</p>	<p>FIGURE No.</p> <p>2-4</p>	

FILE: U:\CAD Projects\USACE - SAEP\7.0 CAD\7.1 Design - Permitting Sheets\Ferriability Study\FIG 2-3 thru 2-5 - PCB areas.dwg BY: benjamin.gardet DATE: 16 Mar 2018 - 1:33pm

DRAFT



NOTE:
BATHYMETRY SURVEY FROM JANUARY, 2015.

LEGEND
 PCBs ≥1 AND <50 PPM

CLIENT LOGO



US Army Corps of Engineers

CLIENT: **US ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS**

PROJECT: **STRATFORD ARMY ENGINE PLANT
SEDIMENT DREDGING
STRATFORD, CONNECTICUT**

DRAWN BY: **BEG**

CHECKED BY: **DAA**

DATUM: **NAD 83**

PROJECTION: **CT STATE PLANE**

SCALE: **AS SHOWN**

amec foster wheeler

ENVIRONMENT & INFRASTRUCTURE, INC.
271 MILL ROAD, CHELMSFORD, MASSACHUSETTS 01824



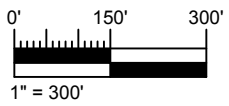
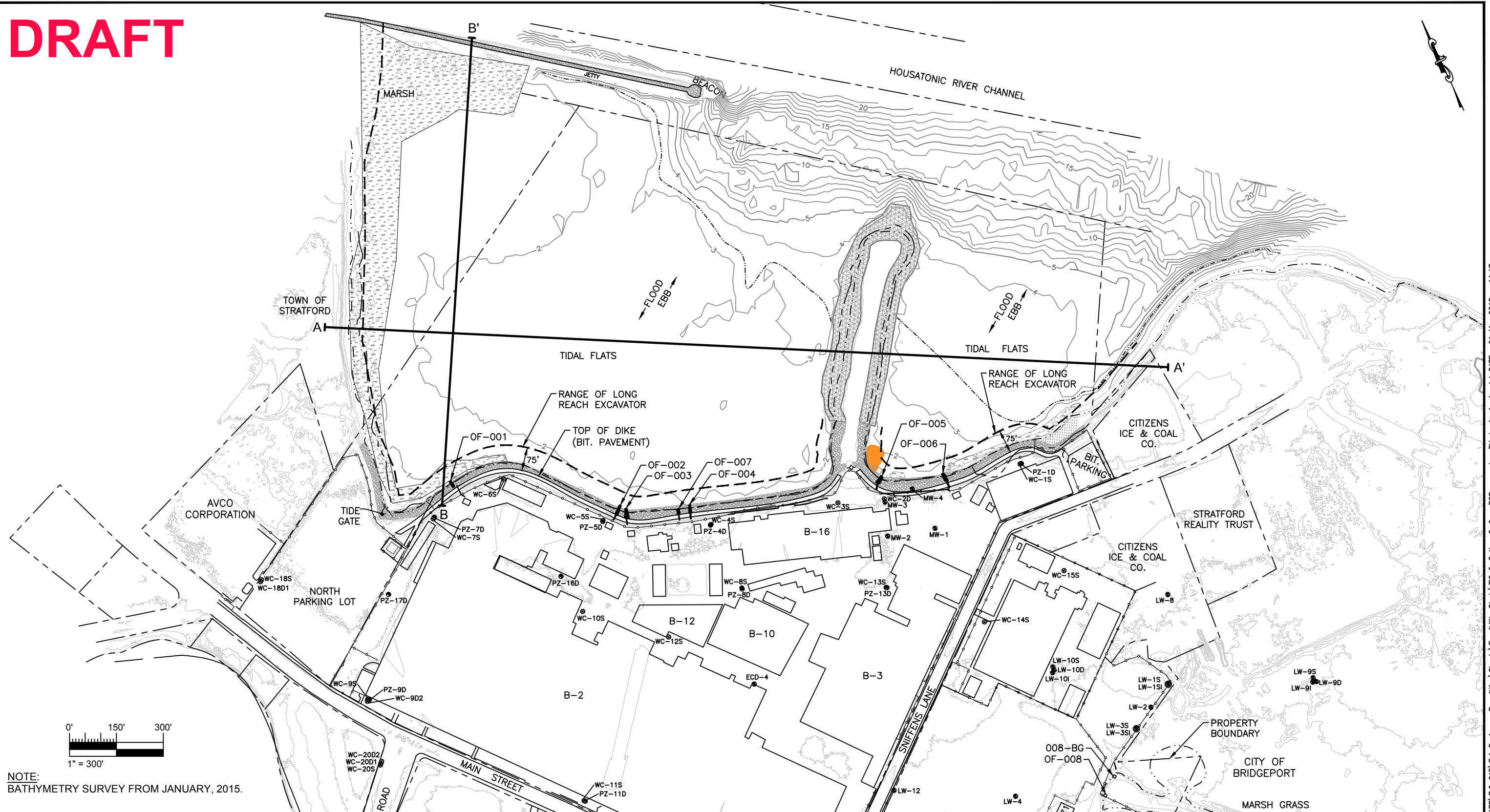
TITLE: **TIDAL FLATS - AREAS WITH PCBs
FROM -2 TO -3 FT DEPTH**

DATE: **FEB 2018**

PROJECT NO: **3616176064**

FIGURE No: **2-5**

DRAFT



NOTE:
BATHYMETRY SURVEY FROM JANUARY, 2015.

CLIENT LOGO



**US Army Corps
of Engineers®**

CLIENT: **US ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS**

PROJECT: **STRATFORD ARMY ENGINE PLANT
SEDIMENT DREDGING
STRATFORD, CONNECTICUT**

DRAWN BY: **BEG**

CHECKED BY: **DAA**

DATUM: **NAD 83**

PROJECTION: **CT STATE PLANE**

SCALE: **AS SHOWN**

amec foster wheeler 

ENVIRONMENT & INFRASTRUCTURE, INC.
271 MILL ROAD, CHELMSFORD, MASSACHUSETTS 01824


TITLE: **TIDAL FLATS - AREAS WITH PCBs
FROM -3 TO -4 FT DEPTH**

DATE: **FEB 2018**

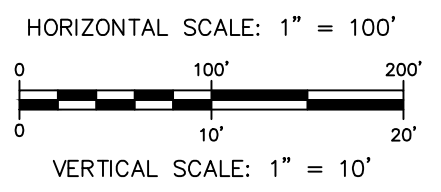
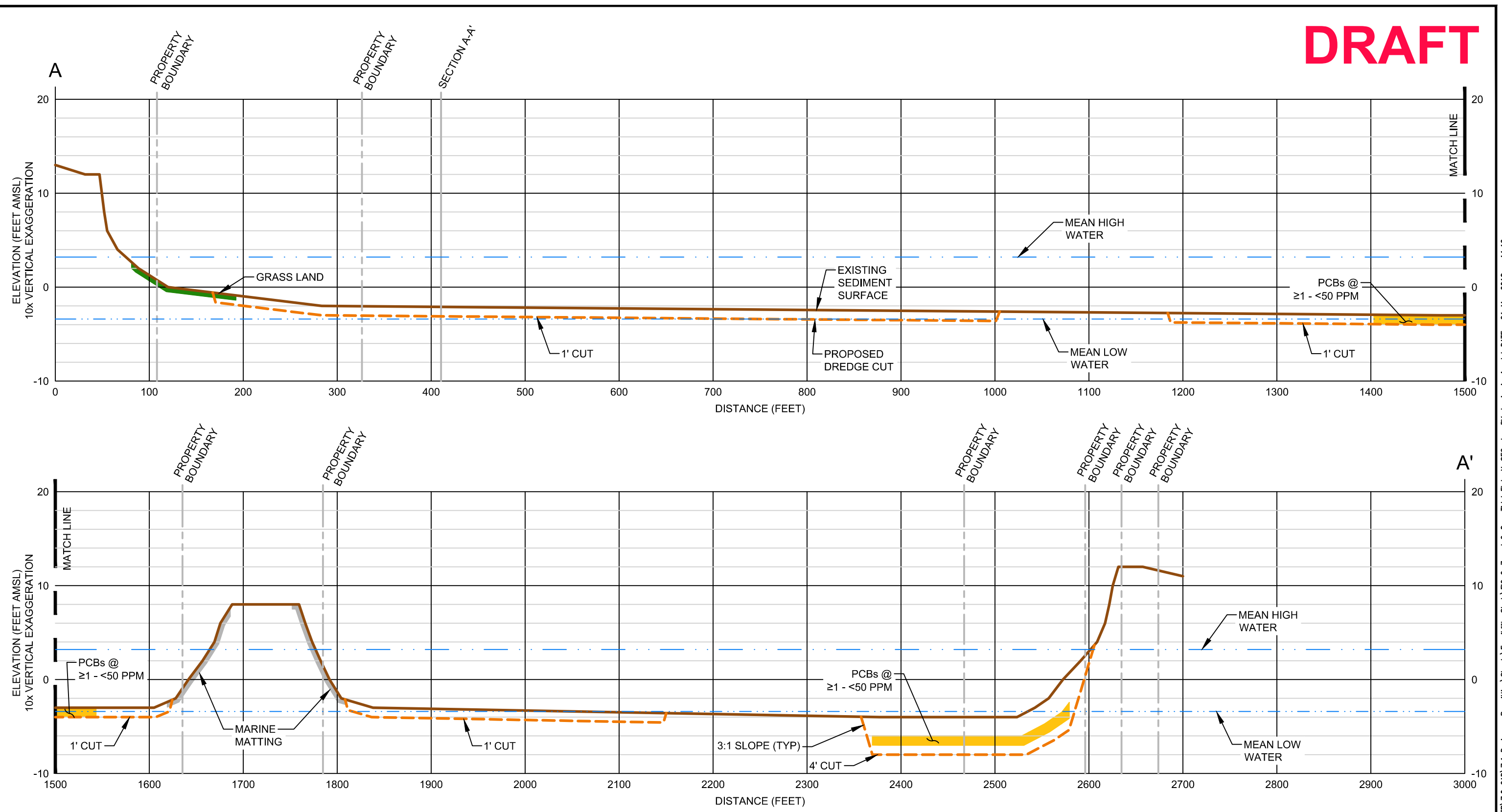
PROJECT NO: **3616176064**

FIGURE No: **2-6**

LEGEND

 **PCBs ≥1 AND <50 PPM**

DRAFT



CLIENT: US ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS

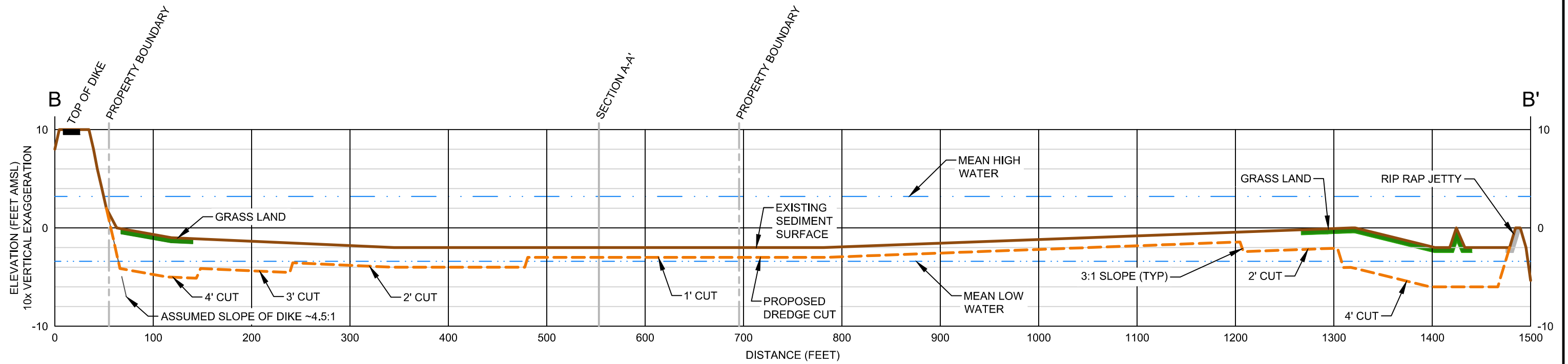
PROJECT: STRATFORD ARMY ENGINE PLANT
SEDIMENT DREDGING
STRATFORD, CONNECTICUT

DRAWN BY: BEG
CHECKED BY: DAA
DATUM: NONE
PROJECTION: NONE
SCALE: AS SHOWN

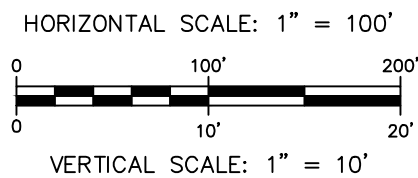
amec foster wheeler
ENVIRONMENT & INFRASTRUCTURE, INC.
271 MILL ROAD, CHELMSFORD, MASSACHUSETTS 01824

TITLE: TIDAL FLATS - CROSS SECTION A-A'

DATE: FEB 2018
PROJECT NO: 3616176064
FIGURE No: 2-7



DRAFT



CLIENT LOGO



US Army Corps of Engineers®

CLIENT: US ARMY CORPS OF ENGINEERS
 NEW ENGLAND DISTRICT
 CONCORD, MASSACHUSETTS

PROJECT: STRATFORD ARMY ENGINE PLANT
 SEDIMENT DREDGING
 STRATFORD, CONNECTICUT

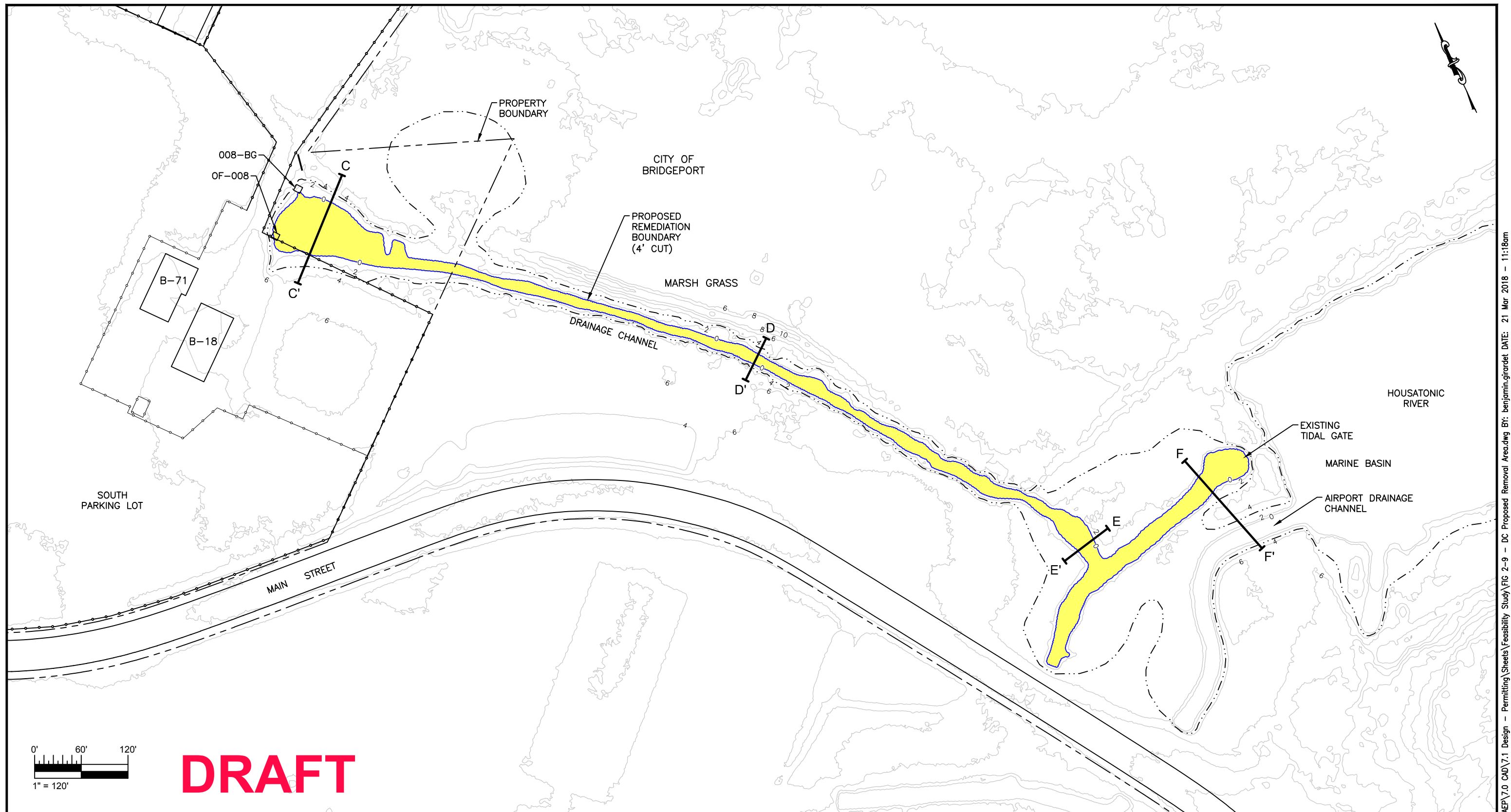
DRAWN BY: BEG
 CHECKED BY: DAA
 DATUM: NONE
 PROJECTION: NONE
 SCALE: AS SHOWN

amec foster wheeler
 ENVIRONMENT & INFRASTRUCTURE, INC.
 271 MILL ROAD, CHELMSFORD, MASSACHUSETTS 01824

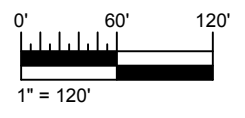



TIDAL FLATS - CROSS SECTION B-B'

DATE: FEB 2018
 PROJECT NO: 3616176064
 FIGURE No: 2-8

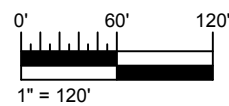
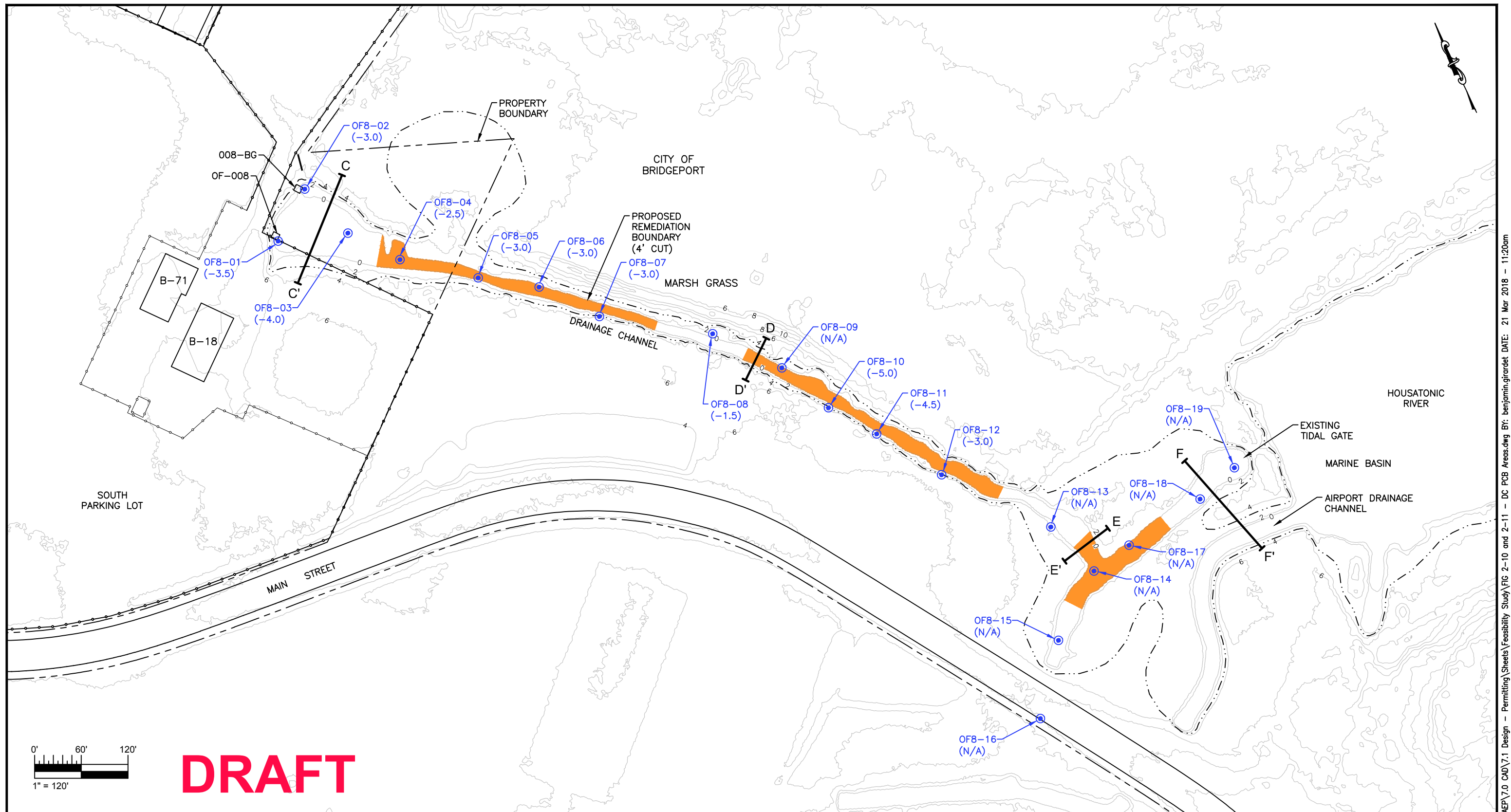


DRAFT





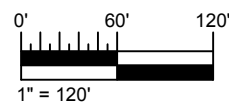
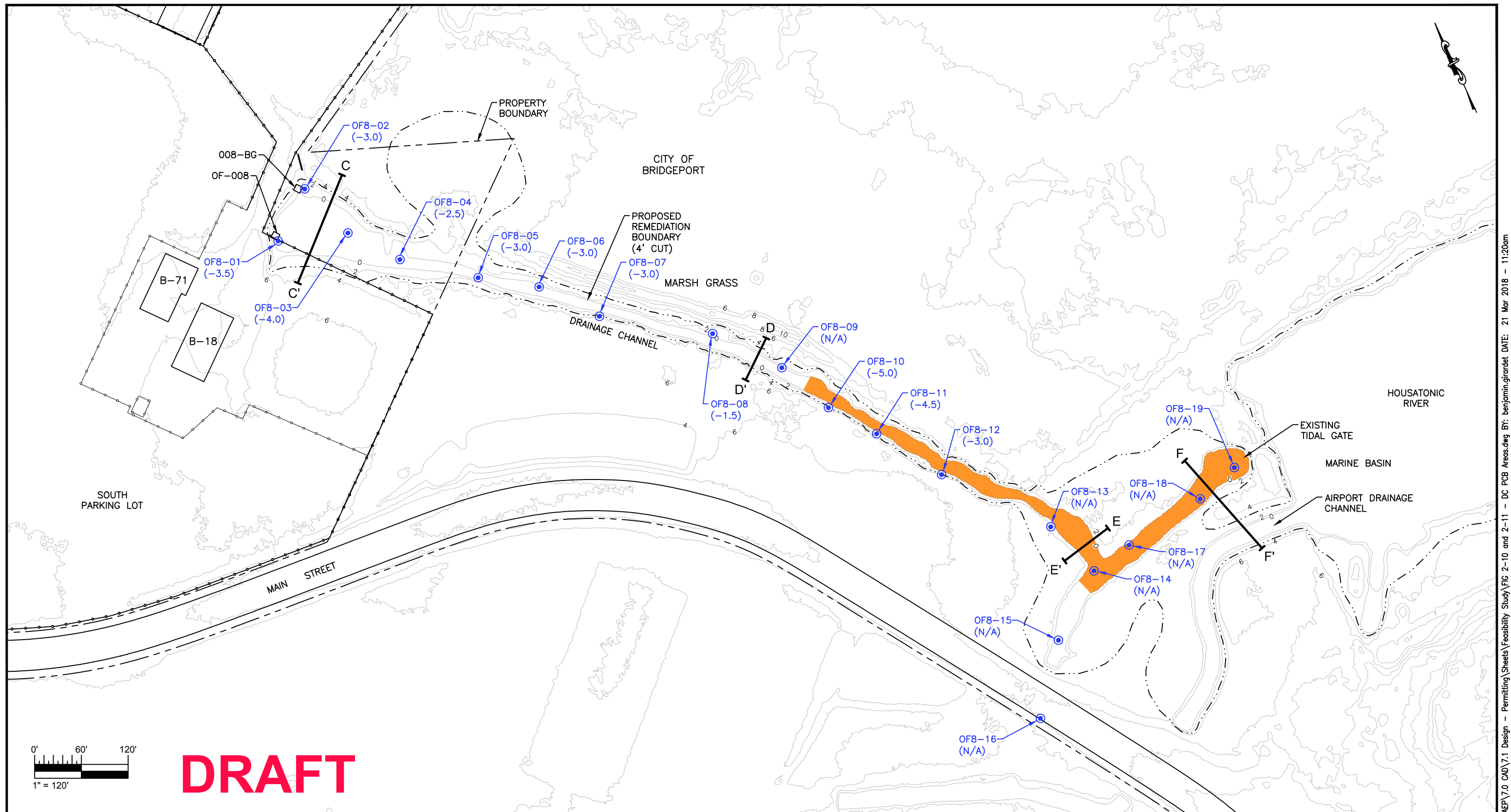
<p>LEGEND</p> <ul style="list-style-type: none"> 0-4 FOOT REMEDIATION AREA PROPERTY BOUNDARY MEAN HIGH WATER 	<p>CLIENT LOGO</p>  <p>US Army Corps of Engineers®</p>	<p>CLIENT: US ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT CONCORD, MASSACHUSETTS</p> <p>PROJECT: STRATFORD ARMY ENGINE PLANT SEDIMENT DREDGING STRATFORD, CONNECTICUT</p>	<p>DRAWN BY: BEG</p> <p>CHECKED BY: DAA</p> <p>DATUM: NAD 83</p> <p>PROJECTION: CT STATE PLANE</p> <p>SCALE: AS SHOWN</p>	<p>amec foster wheeler</p> <p>ENVIRONMENT & INFRASTRUCTURE, INC. 271 MILL ROAD, CHELMSFORD, MASSACHUSETTS 01824</p> <p>TITLE: OF-008 DRAINAGE DITCH PROPOSED REMEDIATION AREA</p>	<p>DATE: FEB 2018</p> <p>PROJECT NO: 3616176064</p> <p>FIGURE No. 2-9</p>
--	--	--	--	---	--

FILE: U:\CAD Projects\USACE - S&EP\7.0 CAD\7.1 Design - Permitting\Sheets\Feasibility Study\FIG 2-9 - DC Proposed Removal Area.dwg DATE: 21 Mar 2018 - 11:18am




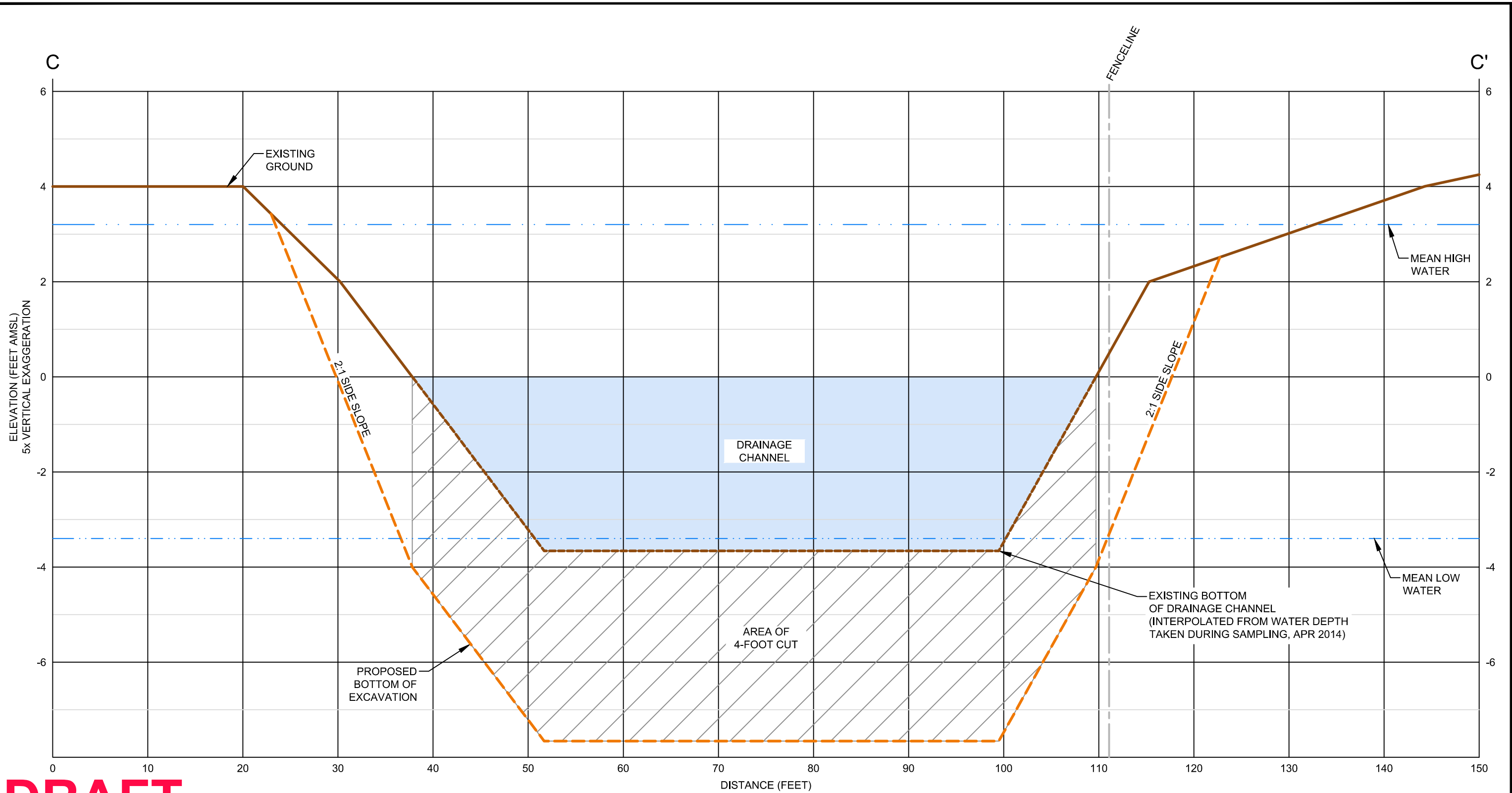
DRAFT

<p>LEGEND</p> <ul style="list-style-type: none"> OF8-06 (-3.0) SEDIMENT SAMPLE TAKEN 4/2014 (DEPTH OF WATER) PCBs ≥1 - <10 PPM PROPERTY BOUNDARY MEAN HIGH WATER 	<p>CLIENT LOGO</p>  <p>US Army Corps of Engineers®</p>	<p>CLIENT: US ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT CONCORD, MASSACHUSETTS</p> <p>PROJECT: STRATFORD ARMY ENGINE PLANT SEDIMENT DREDGING STRATFORD, CONNECTICUT</p>	<p>DRAWN BY: BEG</p> <p>CHECKED BY: DAA</p> <p>DATUM: NAD 83</p> <p>PROJECTION: CT STATE PLANE</p> <p>SCALE: AS SHOWN</p>	<p>amec foster wheeler </p> <p>ENVIRONMENT & INFRASTRUCTURE, INC. 271 MILL ROAD, CHELMSFORD, MASSACHUSETTS 01824</p> <p>TITLE: OF-008 DRAINAGE DITCH - AREAS WITH PCBs FROM -2 TO -3 FT DEPTH</p>	<p>DATE: FEB 2018</p> <p>PROJECT NO: 3616176064</p> <p>FIGURE No: 2-10</p>
--	--	--	---	---	--

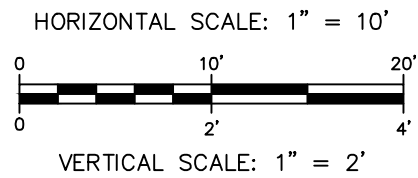


DRAFT

<p>LEGEND</p> <ul style="list-style-type: none"> OF8-06 (-3.0) SEDIMENT SAMPLE TAKEN 4/2014 (DEPTH OF WATER) PCBs ≥1 - <10 PPM PROPERTY BOUNDARY MEAN HIGH WATER 	<p>CLIENT LOGO</p>  <p>US Army Corps of Engineers</p>	<p>CLIENT: US ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT CONCORD, MASSACHUSETTS</p> <p>PROJECT: STRATFORD ARMY ENGINE PLANT SEDIMENT DREDGING STRATFORD, CONNECTICUT</p>	<p>DRAWN BY: BEG</p> <p>CHECKED BY: DAA</p> <p>DATUM: NAD 83</p> <p>PROJECTION: CT STATE PLANE</p> <p>SCALE: AS SHOWN</p>	<p>amec foster wheeler</p> <p>ENVIRONMENT & INFRASTRUCTURE, INC. 271 MILL ROAD, CHELMSFORD, MASSACHUSETTS 01824</p> <p>TITLE: OF-008 DRAINAGE DITCH - AREAS WITH PCBs FROM -3 TO -4 FT DEPTH</p>	<p>DATE: FEB 2018</p> <p>PROJECT NO: 3616176064</p> <p>FIGURE No: 2-11</p>
--	---	--	---	---	--



DRAFT



CLIENT LOGO



US Army Corps of Engineers®

CLIENT:

US ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS

PROJECT

STRATFORD ARMY ENGINE PLANT
SEDIMENT DREDGING
STRATFORD, CONNECTICUT

DRAWN BY:
BEG

CHECKED BY:
DAA

DATUM:
NONE

PROJECTION:
NONE

SCALE:
AS SHOWN

amec foster wheeler

ENVIRONMENT & INFRASTRUCTURE, INC.
271 MILL ROAD, CHELMSFORD, MASSACHUSETTS 01824



TITLE
OF-008 DRAINAGE DITCH - CROSS SECTION C-C'

DATE:

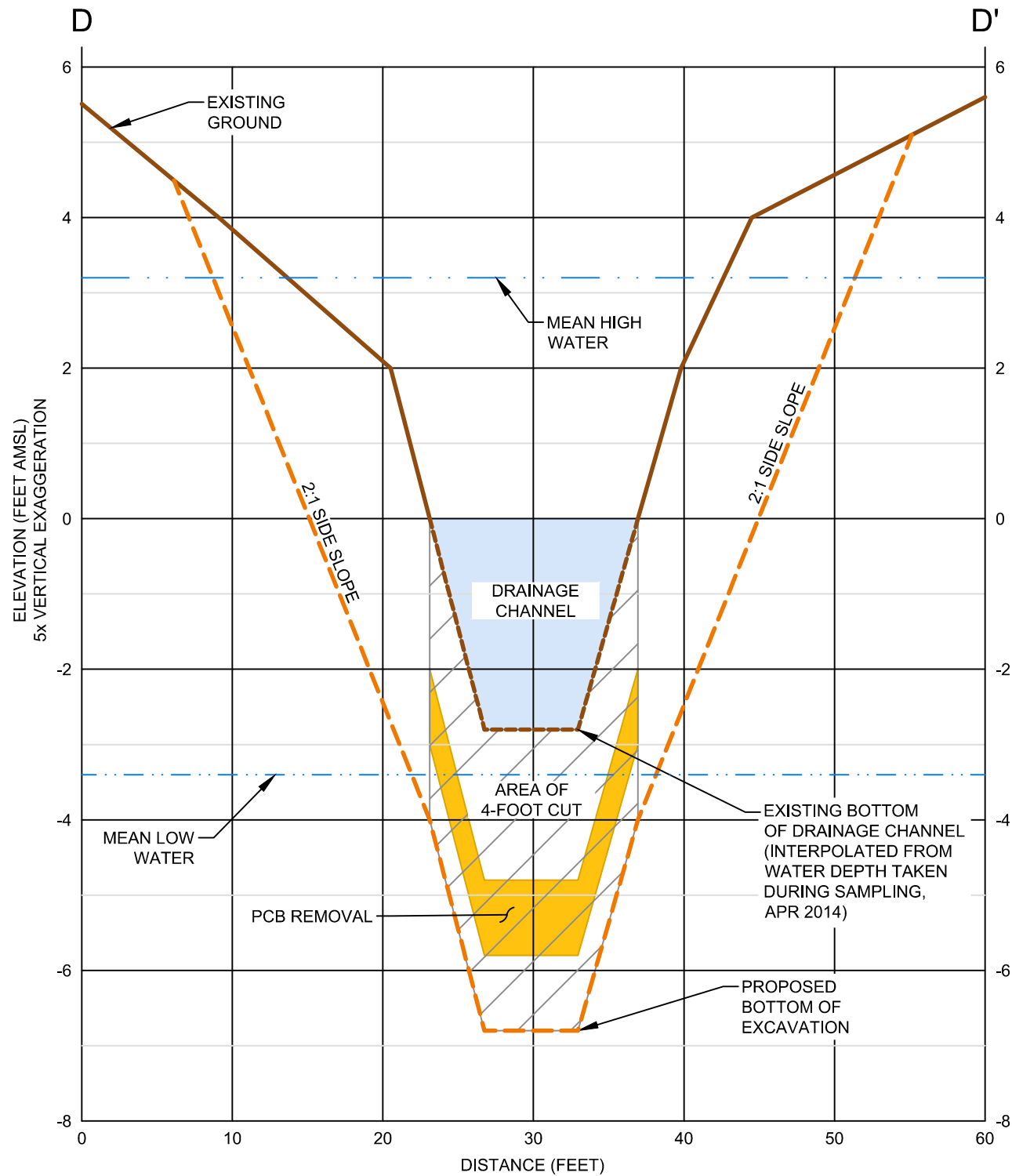
FEB 2018

PROJECT NO:

3616176064

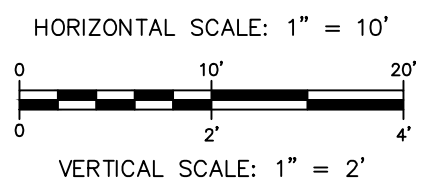
FIGURE No.

2-12



NOTE:
PCB DELINEATION TO BE COMPLETED
PRIOR TO FINAL DESIGN

DRAFT



CLIENT: US ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS

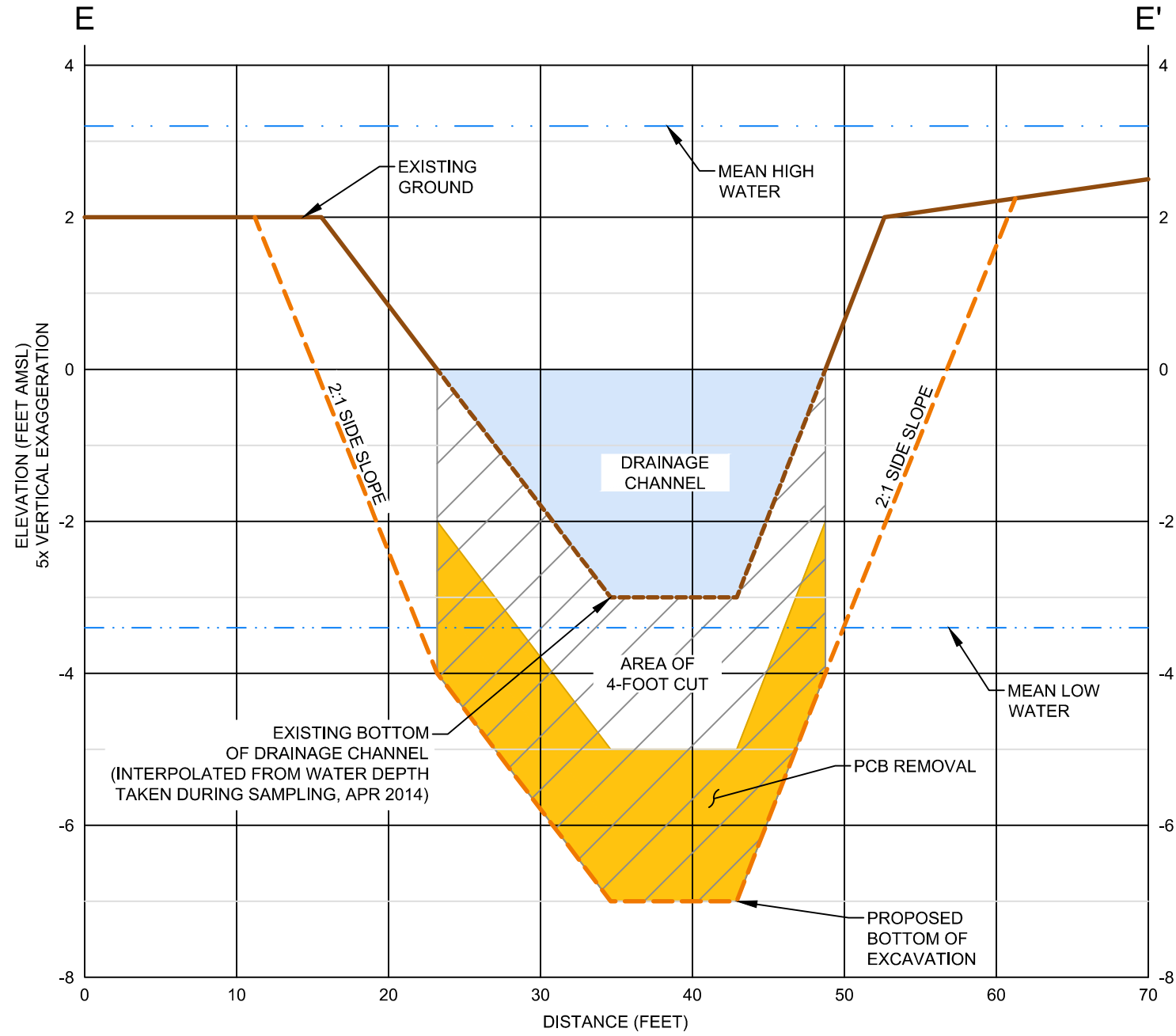
PROJECT: STRATFORD ARMY ENGINE PLANT
SEDIMENT DREDGING
STRATFORD, CONNECTICUT

DRAWN BY: BEG
CHECKED BY: DAA
DATUM: NONE
PROJECTION: NONE
SCALE: AS SHOWN

amec foster wheeler
ENVIRONMENT & INFRASTRUCTURE, INC.
271 MILL ROAD, CHELMSFORD, MASSACHUSETTS 01824

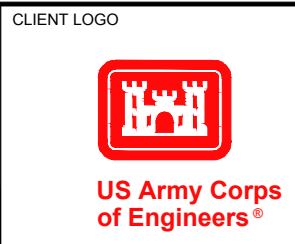
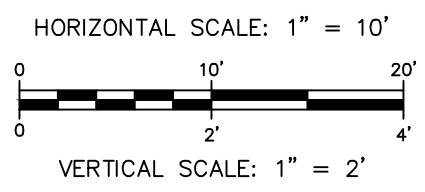
TITLE: OF-008 DRAINAGE DITCH - CROSS SECTION D-D'

DATE: FEB 2018
PROJECT NO: 3616176064
FIGURE No: 2-13



DRAFT

NOTE:
PCB DELINEATION TO BE COMPLETED
PRIOR TO FINAL DESIGN



CLIENT: US ARMY CORPS OF ENGINEERS
 NEW ENGLAND DISTRICT
 CONCORD, MASSACHUSETTS

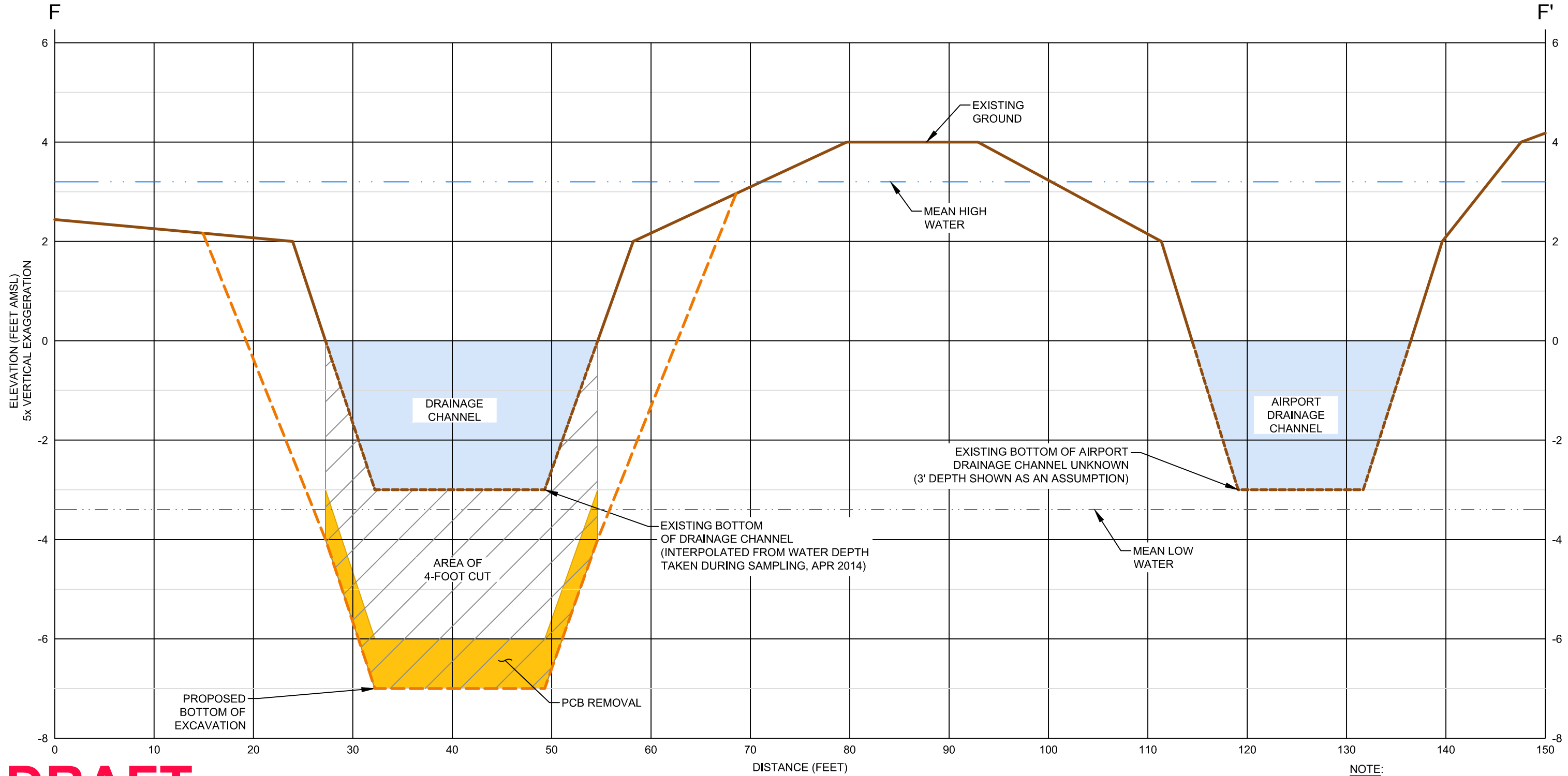
PROJECT: STRATFORD ARMY ENGINE PLANT
 SEDIMENT DREDGING
 STRATFORD, CONNECTICUT

DRAWN BY: BEG
 CHECKED BY: DAA
 DATUM: NONE
 PROJECTION: NONE
 SCALE: AS SHOWN

amec foster wheeler
 ENVIRONMENT & INFRASTRUCTURE, INC.
 271 MILL ROAD, CHELMSFORD, MASSACHUSETTS 01824

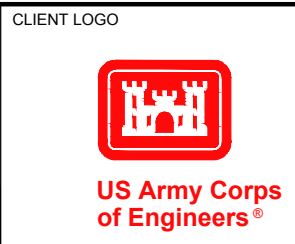
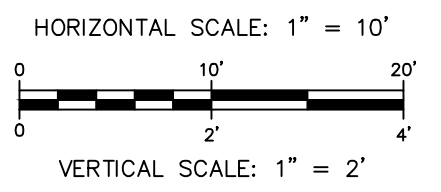
TITLE: OF-008 DRAINAGE DITCH - CROSS SECTION E-E'

DATE: FEB 2018
 PROJECT NO: 3616176064
 FIGURE No: 2-14



DRAFT

NOTE:
PCB DELINEATION TO BE COMPLETED
PRIOR TO FINAL DESIGN



CLIENT: US ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS

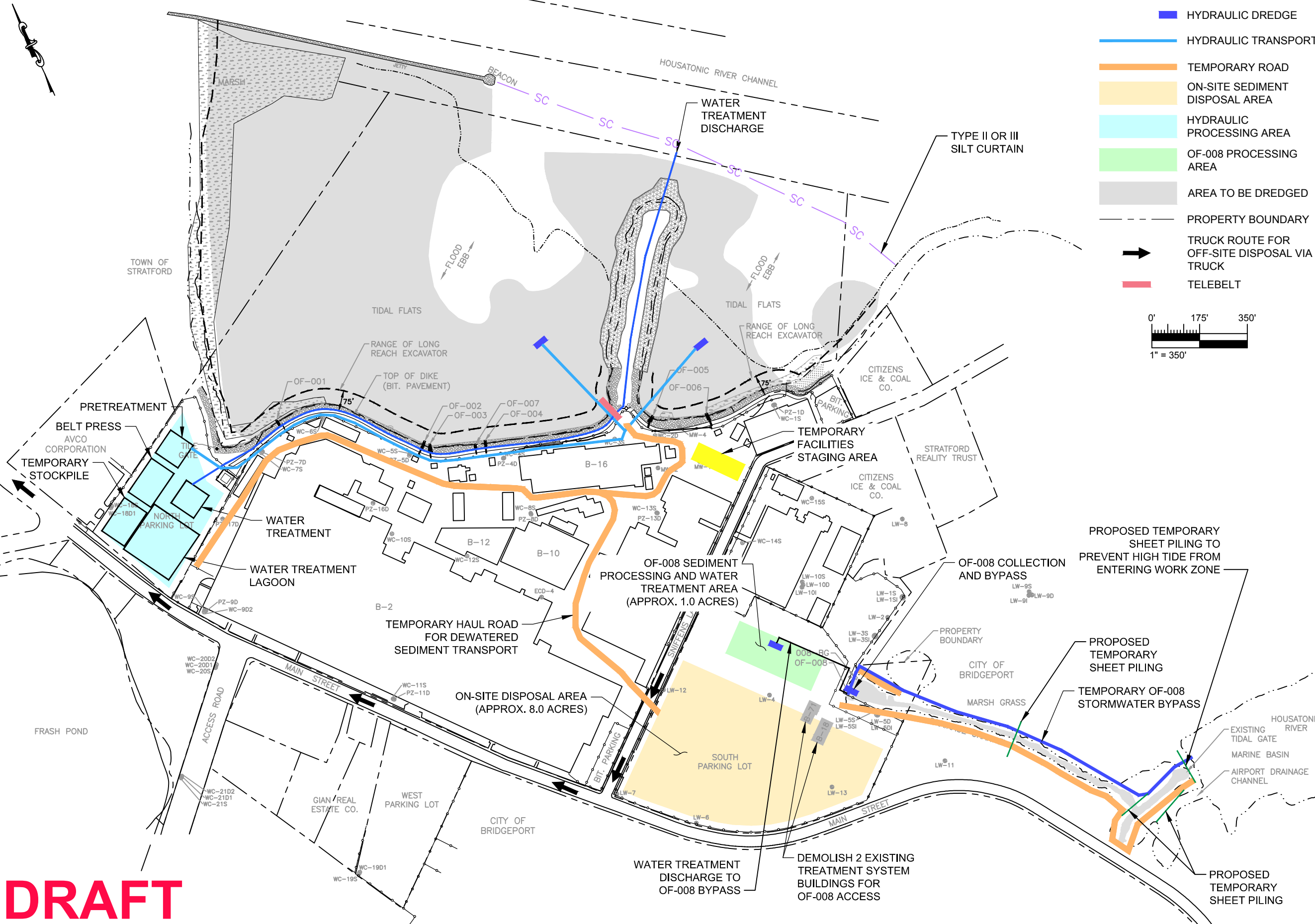
PROJECT: STRATFORD ARMY ENGINE PLANT
SEDIMENT DREDGING
STRATFORD, CONNECTICUT

DRAWN BY: BEG
CHECKED BY: DAA
DATUM: NONE
PROJECTION: NONE
SCALE: AS SHOWN

amec foster wheeler
ENVIRONMENT & INFRASTRUCTURE, INC.
271 MILL ROAD, CHELMSFORD, MASSACHUSETTS 01824

TITLE: OF-008 DRAINAGE DITCH - CROSS SECTION F-F'

DATE: FEB 2018
PROJECT NO: 3616176064
FIGURE No: 2-15



LEGEND

- █ HYDRAULIC DREDGE
- HYDRAULIC TRANSPORT
- █ TEMPORARY ROAD
- █ ON-SITE SEDIMENT DISPOSAL AREA
- █ HYDRAULIC PROCESSING AREA
- █ OF-008 PROCESSING AREA
- █ AREA TO BE DREDGED
- PROPERTY BOUNDARY
- ➔ TRUCK ROUTE FOR OFF-SITE DISPOSAL VIA TRUCK
- █ TELEBELT

0' 175' 350'
1" = 350'



amec foster wheeler
 AMEC FOSTER WHEELER
 ENVIRONMENT & INFRASTRUCTURE, INC.
 271 MILL ROAD
 CHELMSFORD MASSACHUSETTS 01824
 TELEPHONE: (978) 692-9090
 FAX: (978) 692-6633
 WEB: WWW.AMECFW.COM

CLIENT LOGO:



US Army Corps of Engineers®

CLIENT:
**US ARMY CORPS OF ENGINEERS
 NEW ENGLAND DISTRICT
 CONCORD, MA**

PROJECT:
**STRATFORD ARMY ENGINE PLANT
 SEDIMENT DREDGING
 STRATFORD, CT**

DRAWN BY: BEG	CHECKED BY: DAA
SCALE: AS SHOWN	DATE: FEB 2018
DATUM: NAD83	PROJECTION: CT STATE PLANE
PROJECT NUMBER: 3616176064	
TITLE: HYDRAULIC DREDGE ALTERNATIVE 2	

FIGURE NUMBER:
5-1

DRAFT

FILE: U:\ - CAD Projects\USACE - SAEF\7.0 CAD\7.1 Design - Permitting\Sheets\Feasibility Study\FIG 5-1 thru 5-9_odd N0s_Staging Areas Map.dwg BY: benjamin.girardet DATE: 20 Mar 2018 - 10:00am

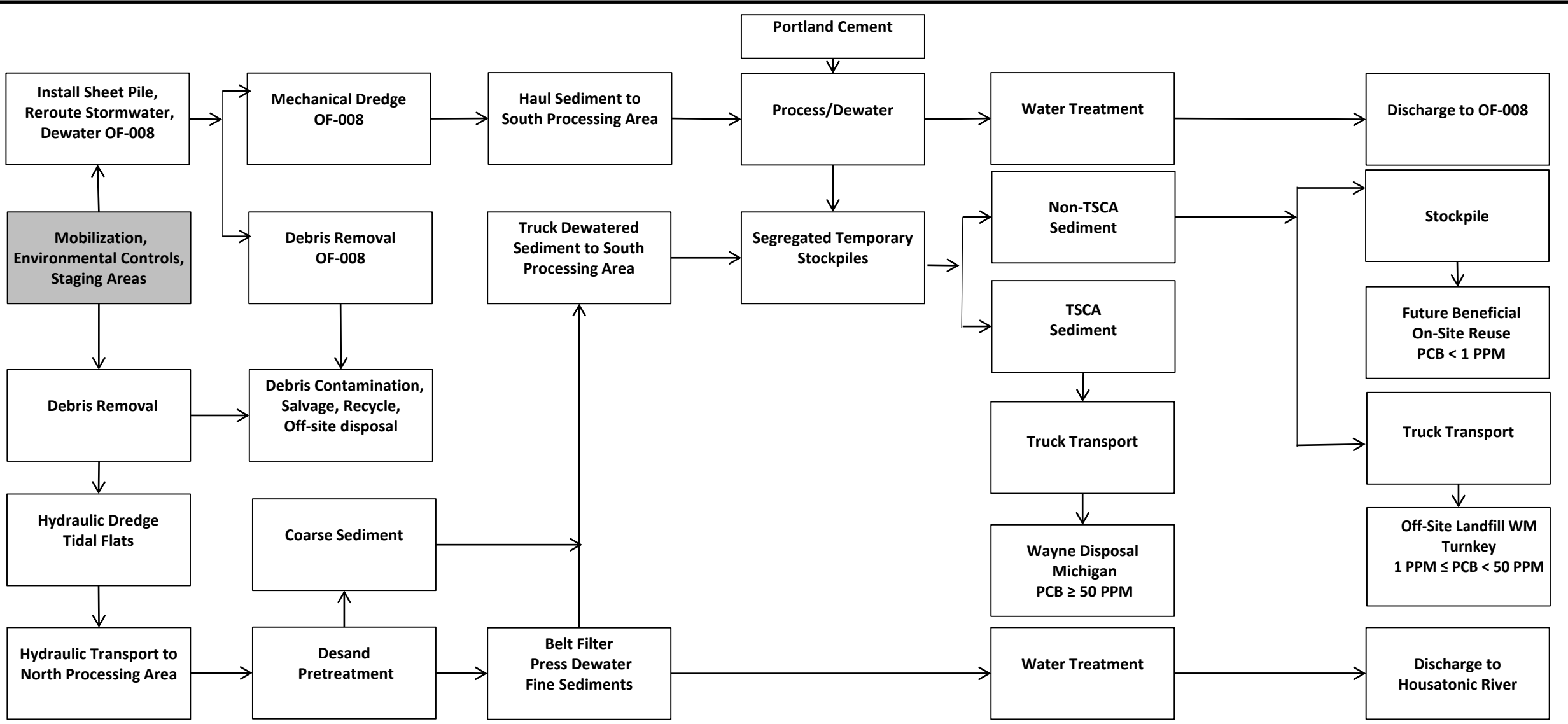
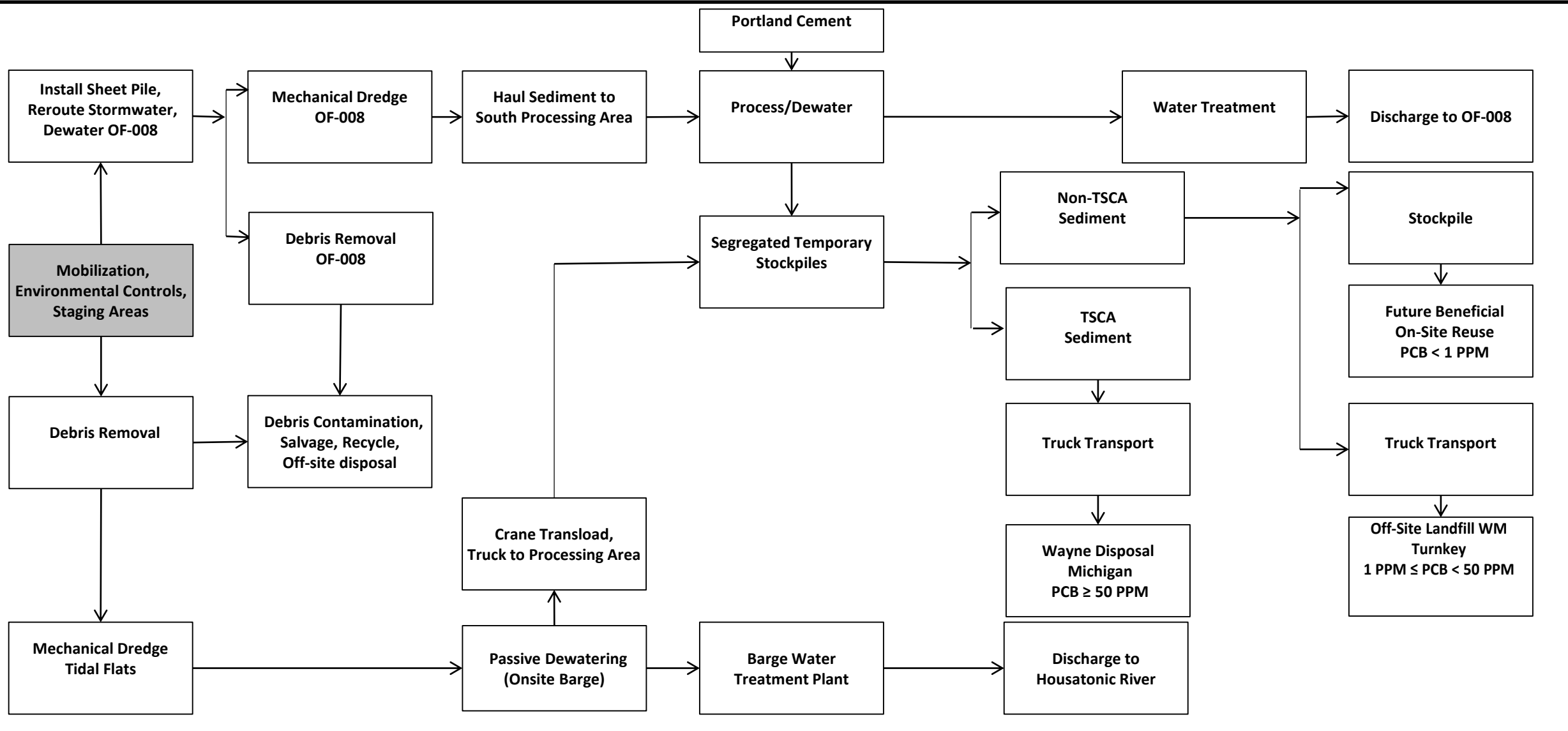


Figure 5-2: General Process Diagram for Remedial Alternative 2
 Stratford Army Engine Plant Feasibility Study
 Stratford, Connecticut
 February 2018



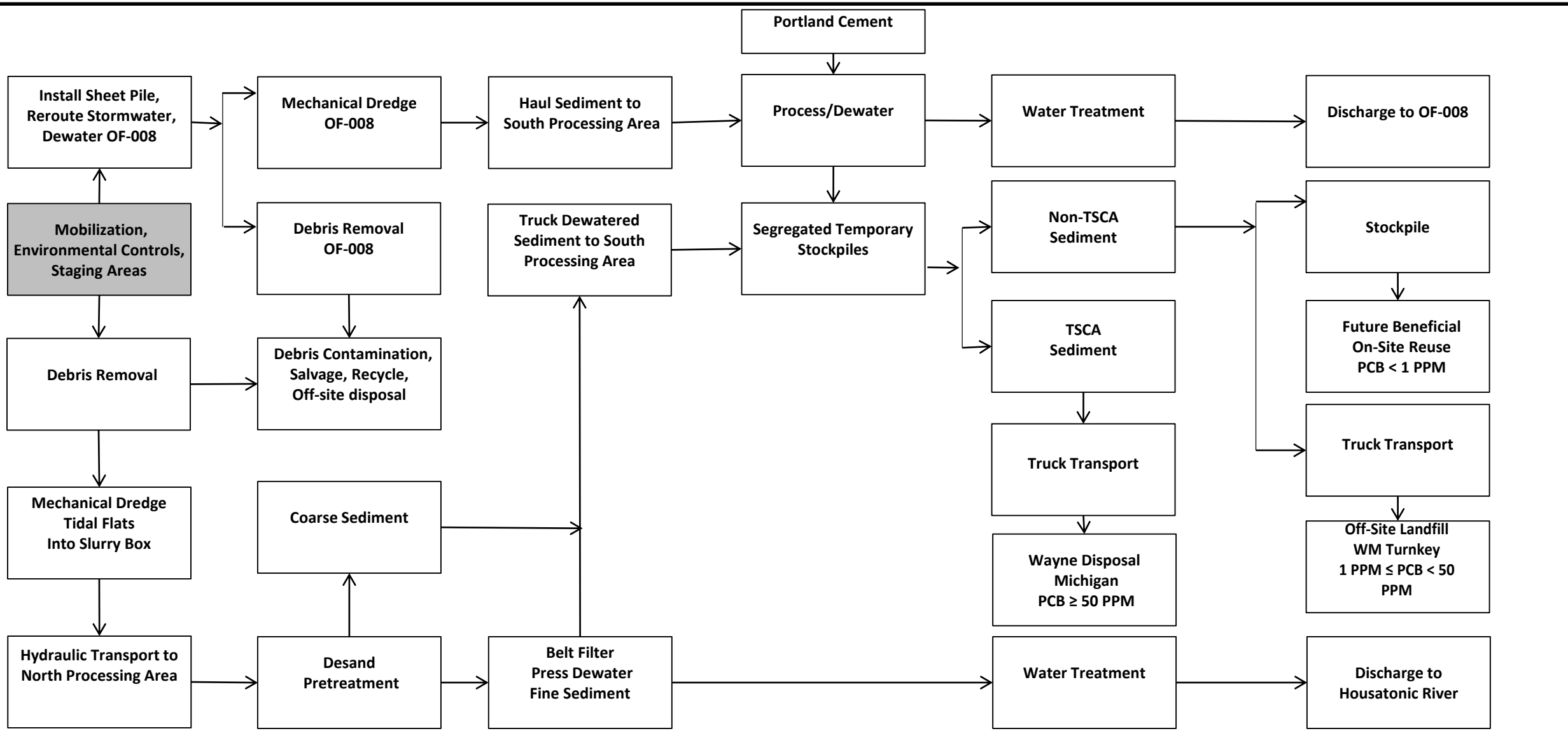
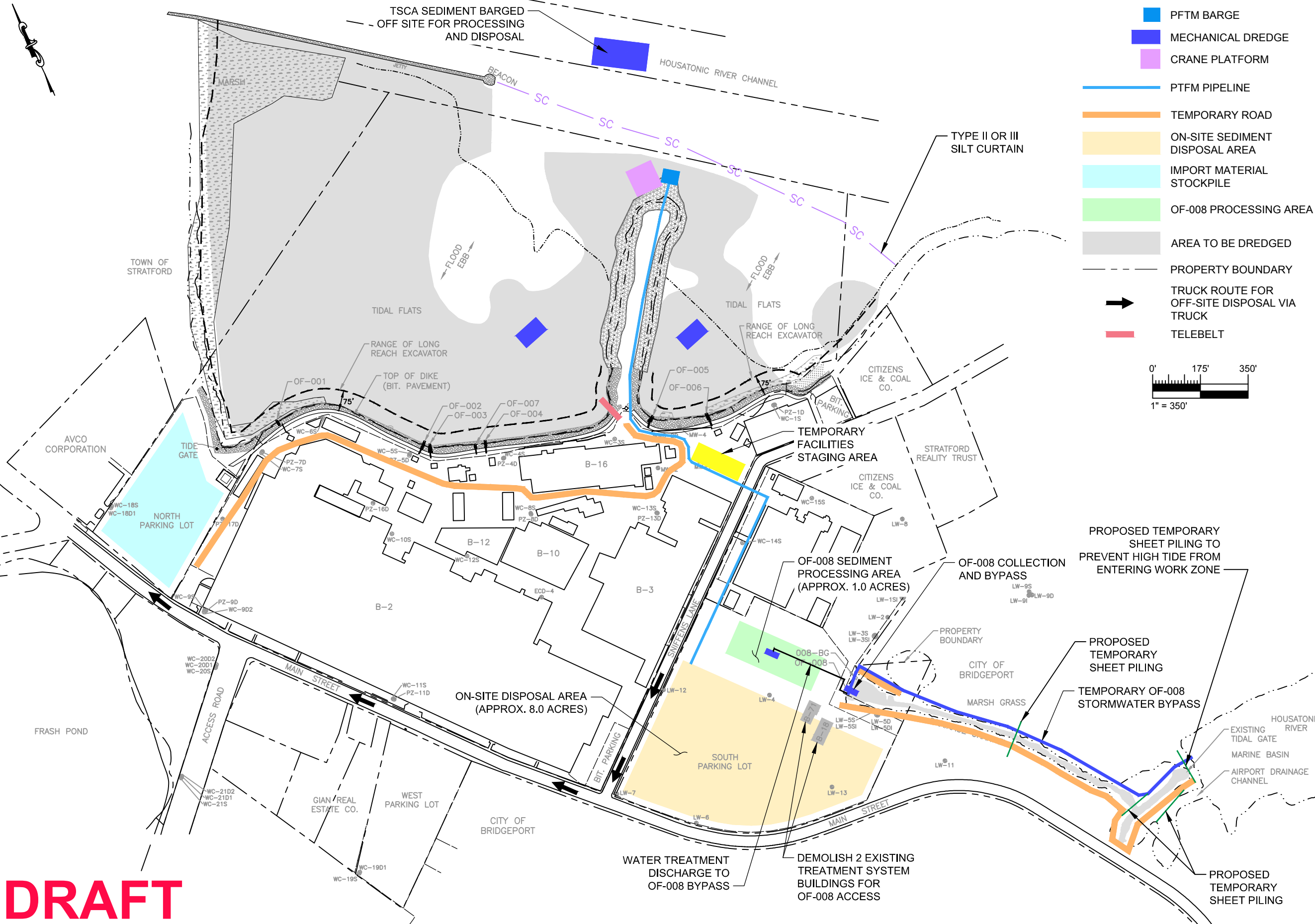


Figure 5-6: General Process Diagram for Remedial Alternative 4
 Stratford Army Engine Plant Feasibility Study
 Stratford, Connecticut
 February 2018



LEGEND


- PFTM BARGE
- MECHANICAL DREDGE
- CRANE PLATFORM
- PFTM PIPELINE
- TEMPORARY ROAD
- ON-SITE SEDIMENT DISPOSAL AREA
- IMPORT MATERIAL STOCKPILE
- OF-008 PROCESSING AREA
- AREA TO BE DREDGED
- PROPERTY BOUNDARY
- TRUCK ROUTE FOR OFF-SITE DISPOSAL VIA TRUCK
- TELEBELT

0' 175' 350'
1" = 350'



amec foster wheeler
 AMEC FOSTER WHEELER
 ENVIRONMENT & INFRASTRUCTURE, INC.
 271 MILL ROAD
 CHELMSFORD MASSACHUSETTS 01824
 TELEPHONE: (978) 692-9090
 FAX: (978) 692-6633
 WEB: WWW.AMECFW.COM

CLIENT LOGO:



US Army Corps of Engineers®

CLIENT:
**US ARMY CORPS OF ENGINEERS
 NEW ENGLAND DISTRICT
 CONCORD, MA**

PROJECT:
**STRATFORD ARMY ENGINE PLANT
 SEDIMENT DREDGING
 STRATFORD, CT**

DRAWN BY: BEG	CHECKED BY: DAA
SCALE: AS SHOWN	DATE: FEB 2018
DATUM: NAD83	PROJECTION: CT STATE PLANE
PROJECT NUMBER: 3616176064	
TITLE: MECHANICAL DREDGE PFTM ALTERNATIVE 5	

FIGURE NUMBER:
5-7

DRAFT

FILE: U:\ - CAD Projects\USACE - SAEF\7.0 CAD\7.1 Design - Permitting\Sheets\Feasibility Study\Fig 5-1 thru 5-9_odd NOs_Staging Areas Map.dwg BY: benjamin.girardet DATE: 12 Mar 2018 - 5:45pm

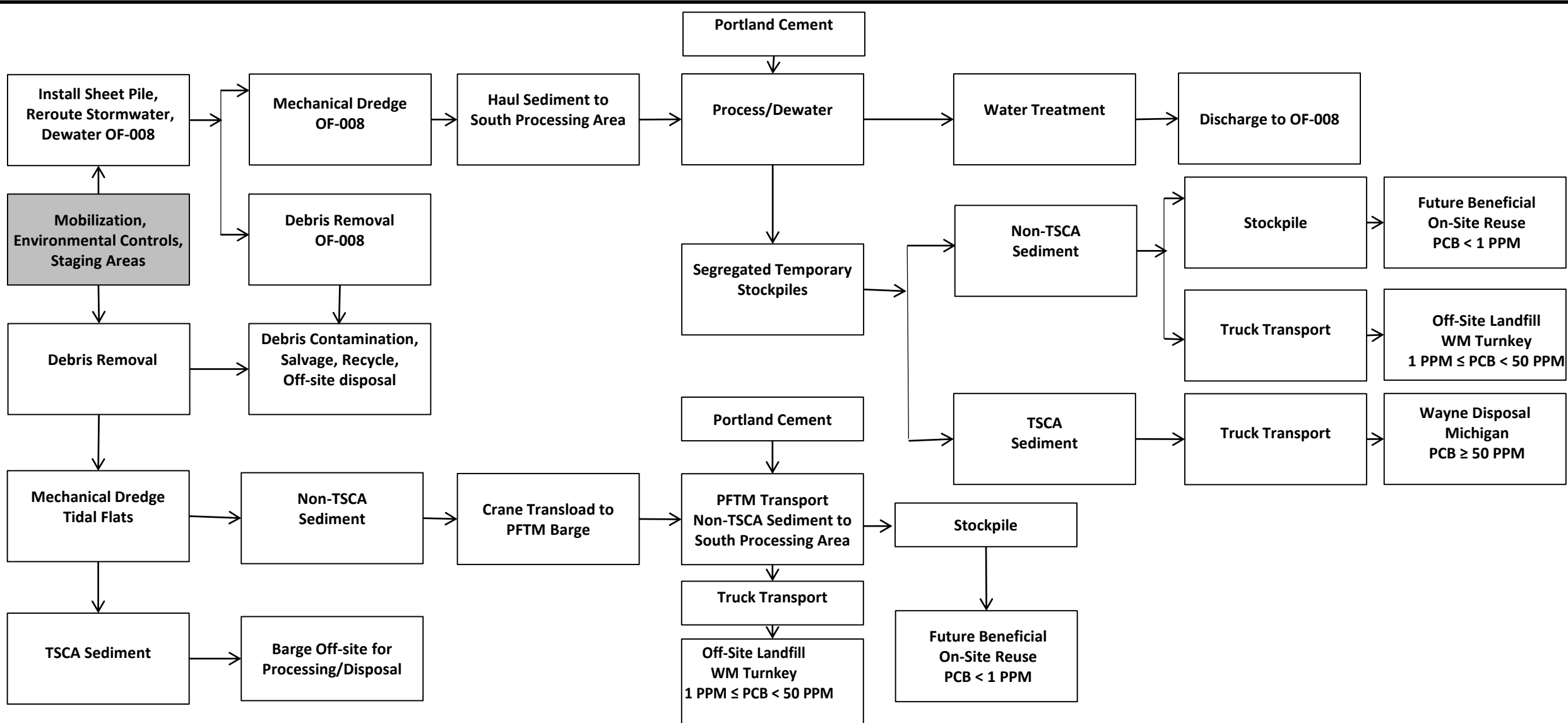
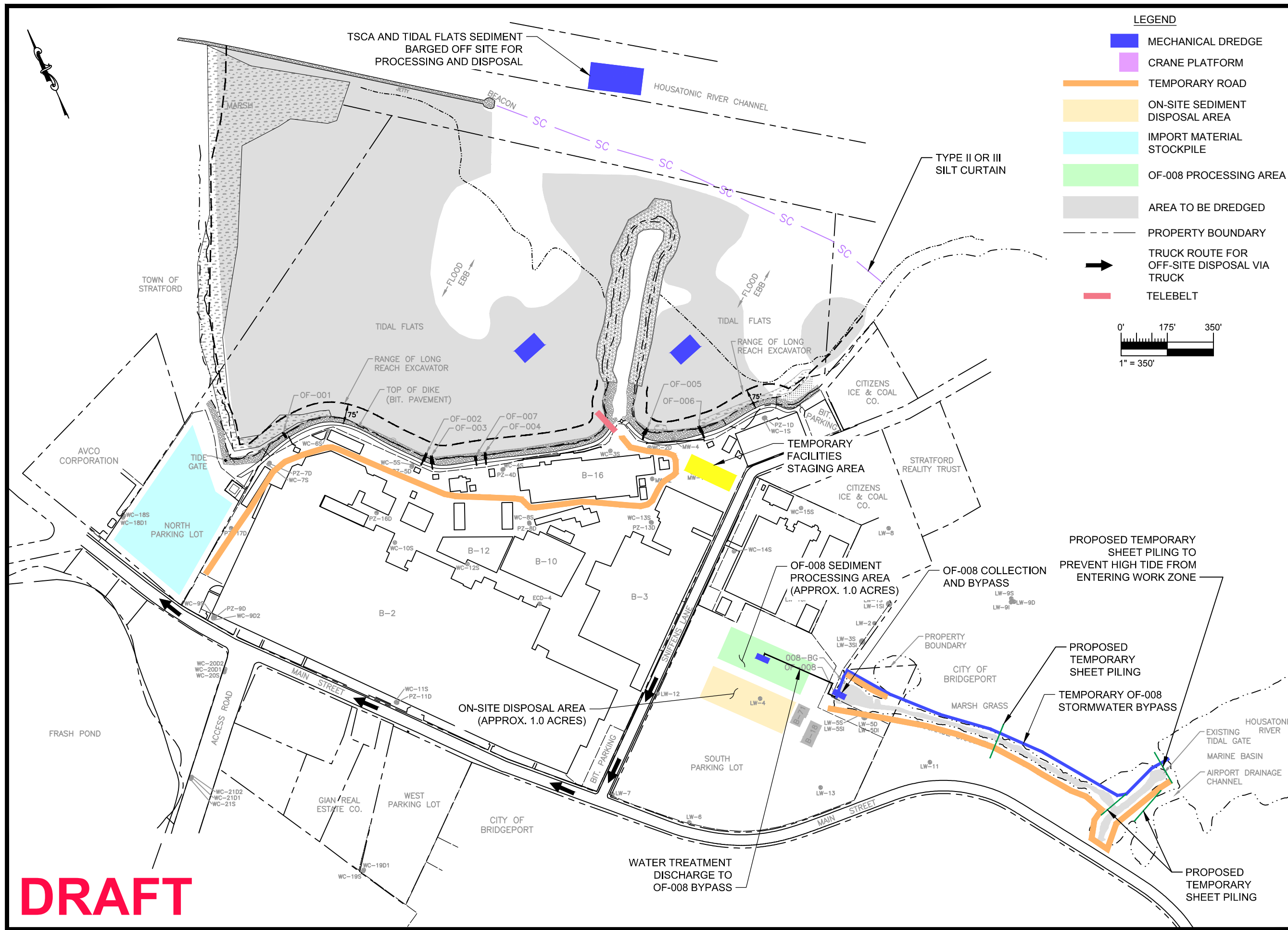
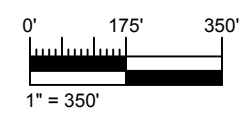


Figure 5-8: General Process Diagram for Remedial Alternative 5
 Stratford Army Engine Plant Feasibility Study
 Stratford, Connecticut
 February 2018



LEGEND

- MECHANICAL DREDGE
- CRANE PLATFORM
- TEMPORARY ROAD
- ON-SITE SEDIMENT DISPOSAL AREA
- IMPORT MATERIAL STOCKPILE
- OF-008 PROCESSING AREA
- AREA TO BE DREDGED
- PROPERTY BOUNDARY
- TRUCK ROUTE FOR OFF-SITE DISPOSAL VIA TRUCK
- TELEBELT



amec foster wheeler
 AMEC FOSTER WHEELER
 ENVIRONMENT & INFRASTRUCTURE, INC.
 271 MILL ROAD
 CHELMSFORD MASSACHUSETTS 01824
 TELEPHONE: (978) 692-9090
 FAX: (978) 692-6633
 WEB: WWW.AMECFW.COM

CLIENT LOGO:



US Army Corps of Engineers®

CLIENT:

**US ARMY CORPS OF ENGINEERS
 NEW ENGLAND DISTRICT
 CONCORD, MA**

PROJECT:

**STRATFORD ARMY ENGINE PLANT
 SEDIMENT DREDGING
 STRATFORD, CT**

DRAWN BY: BEG
 CHECKED BY: DAA

SCALE: AS SHOWN
 DATE: FEB 2018

DATUM: NAD83
 PROJECTION: CT STATE PLANE

PROJECT NUMBER: 3616176064

TITLE:
**MECHANICAL DREDGE
 OFF-SITE DISPOSAL
 ALTERNATIVE 6**

FIGURE NUMBER:
5-9

DRAFT

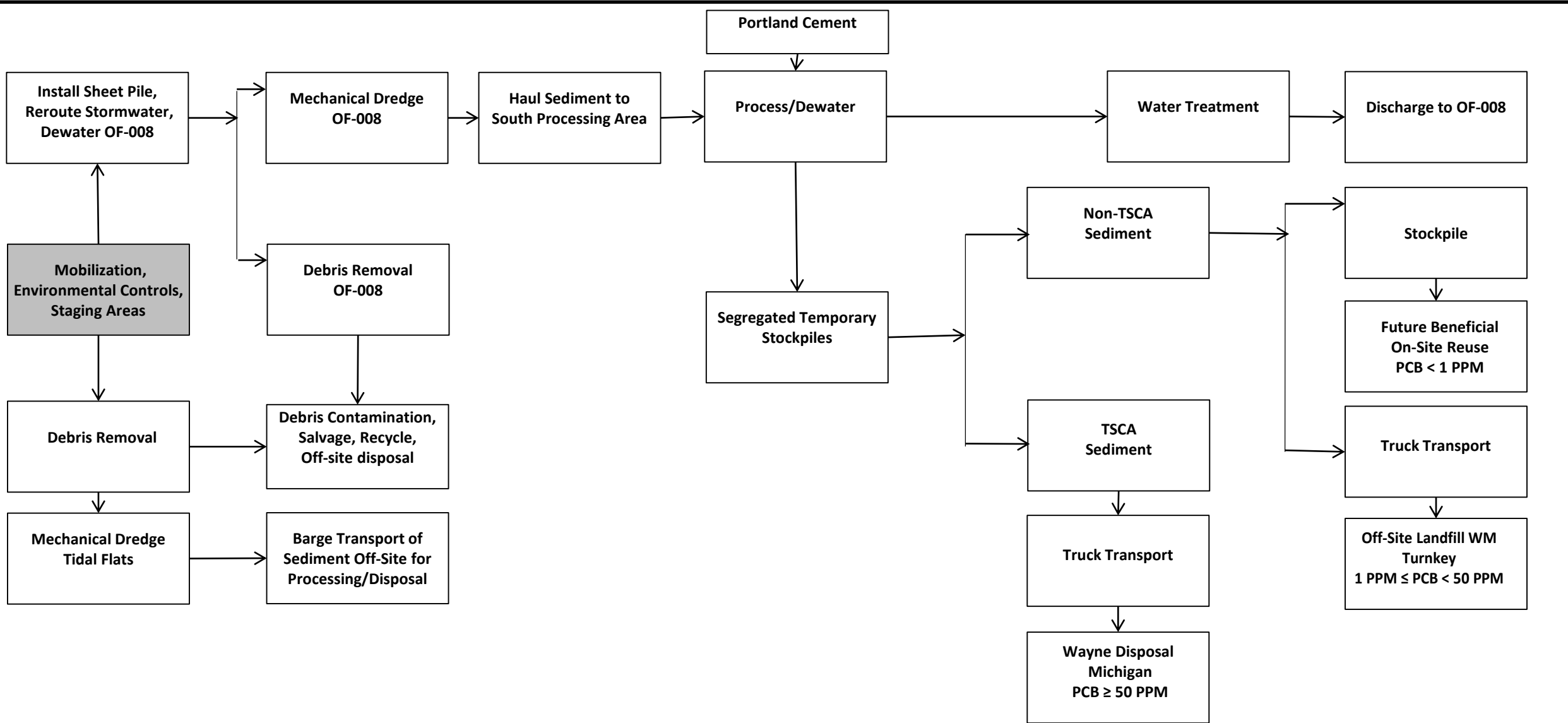
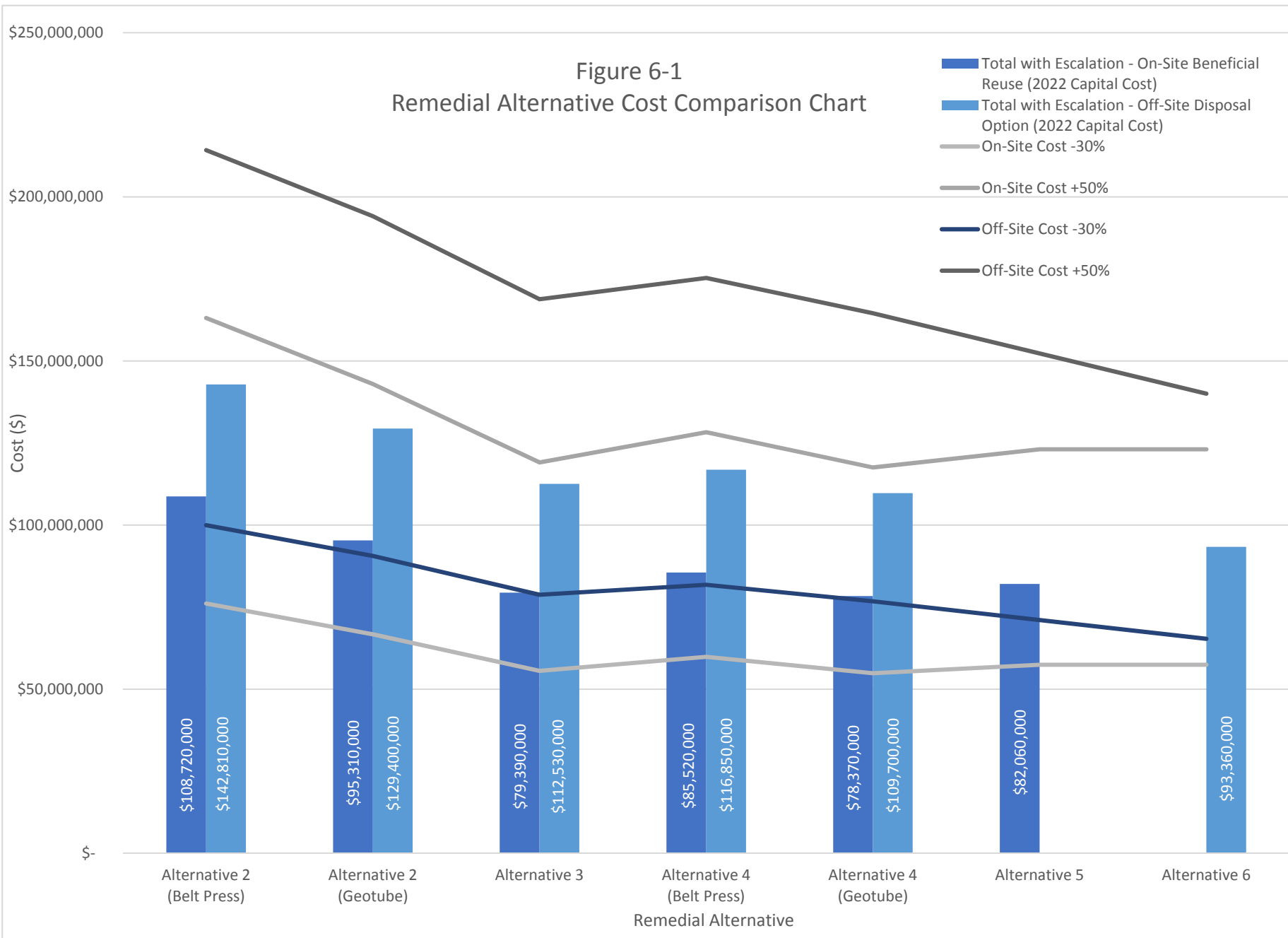


Figure 5-10: General Process Diagram for Remedial Alternative 6
 Stratford Army Engine Plant Feasibility Study
 Stratford, Connecticut
 February 2018



Figure 6-1
Remedial Alternative Cost Comparison Chart

- Total with Escalation - On-Site Beneficial Reuse (2022 Capital Cost)
- Total with Escalation - Off-Site Disposal Option (2022 Capital Cost)
- On-Site Cost -30%
- On-Site Cost +50%
- Off-Site Cost -30%
- Off-Site Cost +50%





United States Army Corps of Engineers, New England District
Stratford Army Engine Plant, Stratford, CT
DRAFT FINAL Focused Feasibility Study

TABLES



**Table 2-1
Applicable or Relevant and Appropriate Requirements
Stratford Army Engine Plant
Stratford, Connecticut**



REGULATORY AUTHORITY	CHEMICAL, ACTION, OR LOCATION SPECIFIC	REQUIREMENT	STATUS	REQUIREMENT SYNOPSIS	ACTION TO BE TAKEN TO ATTAIN REQUIREMENT	APPLICABLE TO ALTERNATIVE
Federal	Action	The Resource Conservation and Recovery Act (RCRA) Subtitle C (Hazardous Waste), Section 268, Land Disposal Restriction	Relevant and Appropriate	The Resource Conservation and Recovery Act (RCRA) (42 U.S.C. §6901 et seq.) was established in 1976 to control non-hazardous and hazardous wastes, including the generation, transportation, treatment, storage and disposal of hazardous wastes. . The 1984 amendments to RCRA granted the U. S. Environmental Protection Agency (USEPA) expanded authority to require corrective action at permitted and non-permitted treatment, storage, and disposal facilities. Section 268 identifies hazardous wastes or other designated wastes that are restricted from land disposal and defines those limited circumstances under which an otherwise prohibited waste may continue to be land disposed	RCRA Subtitle C (hazardous waste) will apply to the generation, transportation, treatment, storage, and disposal of any hazardous wastes that are generated during the course of remedial activities. This includes managing hazardous wastes or other wastes that exhibit the toxicity characteristic for metals or contain PCBs on-site as well as off-site at treatment, storage, or disposal facilities. RCRA hazardous wastes include both listed (specific lists of wastes from non-specific sources, specific sources, and discarded commercial chemical products) and characteristic (toxic, ignitable, corrosive, or reactive, as determined through testing). Dredged material will need to be properly categorized according to RCRA requirements.	No hazardous wastes are anticipated. Applicable only to off-site disposal activities.
Federal	Action	RCRA Subtitle D (Non-Hazardous Waste), Sections 239: State Permit Program Determination of Adequacy and Section 258: Criteria for Municipal Solid Waste Landfills		RCRA Subtitle D specifies the requirements that state permit programs must meet to be determined adequate by the EPA under section 4005(c)(1)(C) of RCRA and the procedures EPA will follow in determining the adequacy of state permit programs to regulate and non-hazardous waste disposal facilities, including Municipal Solid Waste Landfills	RCRA Subtitle D applies to the regulation of the disposal of all non-hazardous solid waste generated from remediation activities, including the applicability of state agencies regulating and enforcing RCRA requirements. Waste materials (other than materials to be beneficially reused) will need to be disposed of at facilities properly permitted by the State under RCRA.	Applicable to off-site disposal activities



**Table 2-1
Applicable or Relevant and Appropriate Requirements
Stratford Army Engine Plant
Stratford, Connecticut**



REGULATORY AUTHORITY	CHEMICAL, ACTION, OR LOCATION SPECIFIC	REQUIREMENT	STATUS	REQUIREMENT SYNOPSIS	ACTION TO BE TAKEN TO ATTAIN REQUIREMENT	APPLICABLE TO ALTERNATIVE
Federal	Action	The Clean Water Act (CWA) 33 U.S.C. §1251 et seq. (1972) CWA Section 404 Permit Program	Applicable	<p>The Clean Water Act (CWA) (33 U.S.C. §1251 et seq.1972), establishes the regulatory structures controlling discharge of pollutants and regulation of water quality in surface waters of the U.S. Permitting actions under different sections of the CWA are implemented by different agencies and will be potentially applicable to the various remediation alternatives considered, and ultimately implemented, for the Housatonic River a designated navigable water of the U.S.</p> <p>The basic premise of the program is that no discharge of dredged or fill material may be permitted if: (1) a practicable alternative exists that is less damaging to the aquatic environment or (2) the nation's waters would be significantly degraded. Permits are required to demonstrate that impacts have been avoided to the maximum extent practicable:</p>	<p>Section 404 of the CWA establishes the permit program whereby USACE regulates the discharge of dredged or fill material into waters of the U.S. (including wetlands and other aquatic areas). USACE conducts a "public interest review" of proposed actions to evaluate the benefits of a proposed activity against its potential detrimental impacts. USACE must determine that an applicant has taken all appropriate and practicable steps, including evaluating alternatives, to avoid and minimize adverse impacts to waters of the United States, and that unavoidable impacts are appropriately mitigated, including compensatory mitigation where deemed necessary. The USACE New England District has issued a General Permit for the State of CT authorizing categories of activities in both inland and tidal waters which meet the conditions of the General Permit as either Category 1 (self-verification notification required) or Category 2 (application to and written approval from USACE required). Activities that do not meet the conditions of the General Permit Category 1 or 2 require an Individual Permit, including public notice and a public comment period.</p> <p>The USACE General Permit serves as authorization under Section 404 of the CWA, as well as authorization for regulated activities under Section 10 of the Rivers and Harbors Act of 1899 and Section 103 of the Marine Protection, Research and Sanctuaries Act (MPRSA). In addition, USACE requires and evaluates compliance with several other federal laws, including as applicable (but not necessarily limited to) Sections 401 and 402 of the CWA, Section 307(c) of the Coastal Zone Management Act, the National Historic Preservation Act, the Endangered Species Act, the Fish and Wildlife Act, the Marine Mammal Protection Act, the Magnuson-Stevens Act and the Wild and Scenic Rivers Act, as well as applicable Executive Orders. Remediation activities requiring either dredge or fill activities in the Housatonic River will require authorization from USACE under Section 404 of the CWA. The level of permit required will depend on the regulated remedial alternative selected.</p> <p>Substantive requirements cover dewatering, barge transportation, disposal of dredged sediment, and discharge of treated waters back to the Housatonic.</p>	All alternatives will meet the definition of discharging dredged or fill material into waters of the U.S.



**Table 2-1
Applicable or Relevant and Appropriate Requirements
Stratford Army Engine Plant
Stratford, Connecticut**



REGULATORY AUTHORITY	CHEMICAL, ACTION, OR LOCATION SPECIFIC	REQUIREMENT	STATUS	REQUIREMENT SYNOPSIS	ACTION TO BE TAKEN TO ATTAIN REQUIREMENT	APPLICABLE TO ALTERNATIVE
Federal	Action	The Clean Water Act (CWA) 33 U.S.C. §1251 et seq. (1972) CWA Section 401 Certification		Section 401 of the CWA requires that any activity requiring a federal license or permit, which may result in any discharge into waters of the U.S., receive certification from the state in which it is to be located that such discharge will comply with applicable water quality standards. This certification is known as a Water Quality Certificate (WQC), and is issued by the appropriate state authority.	Under Section 401, a federal agency cannot issue a permit or license for an activity that may result in a discharge to waters of the U.S. until the state (or tribe) where the discharge would originate has granted or waived Section 401 certification. Granting certification, with or without conditions, allows the federal permit or license to be issued consistent with any conditions of the certification. States (and Tribes) make their decisions to deny, certify, or condition permits or licenses based in part on the proposed project's compliance with EPA-approved water quality standards and whether the activity leading to the discharge will comply with any applicable effluent limitations guidelines, new source performance standards, toxic pollutant restrictions, and other appropriate requirements of state or tribal law.	All alternatives will require Water Quality Certification substantive compliance
Federal	Action	The Clean Water Act (CWA) 33 U.S.C. §1251 et seq. (1972) CWA Section 402 National Pollutant Discharge Elimination System Program		Section 402 of the CWA establishes the National Pollutant Discharge Elimination System (NPDES) Program, which requires a permit for discharge of any pollutant to waters of the U.S. Discharges requiring permits include industrial, municipal, agricultural, stormwater, and commercial vessel wastewaters. The state of CT has permitting authority under the NPDES Program and issues general and individual permits through CTDEEP.	Under Section 402, stormwater discharge activities require compliance with state and federal NPDES regulations. A permit will be required from CT DEEP for applicable discharges. All substantive requirements will be met.	All alternatives have the potential to release stormwater into local surface waters and will comply with substance requirements
State	Location	Connecticut Coastal Management Act (CCMA) (P.A. 78-15, 1979, as amended) Section 22a – 94 through 100 and Section 22a - 361	Applicable	Coastal management in Connecticut is administered by the Department of Energy and Environmental Protection (DEEP) and is approved by NOAA (National Oceanic and Atmospheric Administration) under the federal Coastal Zone Management Act. Under the statutory umbrella of the Connecticut Coastal Management Act (CCMA), enacted in 1980, DEEP regulates work in tidal, coastal and navigable waters and tidal wetlands.	Section 22a 94 through 100 regulates coastal area remediation activities that will need to undergo federal consistency review relative to the CT program. The standards and criteria of various enumerated state environmental permitting and licensing laws and regulations ("core laws") serve as the enforceable policies of the CT Coastal Program. Thus, approval of state permits required to be obtained by a core law require the State's consistency concurrence. Sec. 22a-36 covers permits for dredging, structures, placement of fill, obstruction or encroachment, or mooring area or facility. Activities require the submittal of an application to DEEP for applicable work. Applicants must agree to carry out any conditions necessary to the implementation of such certificate or permit.	All



**Table 2-1
Applicable or Relevant and Appropriate Requirements
Stratford Army Engine Plant
Stratford, Connecticut**



REGULATORY AUTHORITY	CHEMICAL, ACTION, OR LOCATION SPECIFIC	REQUIREMENT	STATUS	REQUIREMENT SYNOPSIS	ACTION TO BE TAKEN TO ATTAIN REQUIREMENT	APPLICABLE TO ALTERNATIVE
State	Chemical	Remediation Standard Regulations RCSA §22a-133k-2 (c) (all); especially Polluted Soil definitions and requirement; Appendix B Pollutant Mobility criteria	Relevant and Appropriate	These regulations were adopted on January 30, 1996 and amended on June 27, 2013, under the statutory authority provided by CGS §22a-133k. They provide specific numeric cleanup criteria for a wide variety of contaminants in soil, ground water, surface water and soil vapor. Copies of the regulation are available from http://eregulations.ct.gov/eRegsPortal/Browse/RCSA/%7BEAD3787B-7651-4803-8239-CCD2B569E8A0%7D DEEP web page with associated information is http://www.ct.gov/deep/cwp/view.asp?a=2715&q=325012&deepNav_GID=1626	Sediments placed on land at the site will meet CT RSRs for leaching to groundwater. Placement of sediment on land will follow the requirements for placing "polluted soil" on land, including meeting SPLP standards, required separation from the groundwater table, and engineering controls.	Relevant to any alternative where processed sediments are placed on land at the site.
State	Action	Connecticut Water Quality Standards CGS §22a-426 RCSA §22a-426-4 (Surface Waters), 22a-426-8 (Antidegradation Standards) and 22-426-9 (Environmental Criteria)	Potentially Applicable	Connecticut's Water Quality Standards Regulations were initially adopted effective October 10, 2013 (last updated 11/21/2015), superseding earlier WQS adopted under the statute but not in the same regulatory form. They establish specific numeric criteria, designated uses, and antidegradation policies for groundwater and surface water. Statute available at https://www.cga.ct.gov/current/pub/chap_446k.htm#sec_22a-426 . A summary of the WQS is available from DEEP's website at http://www.ct.gov/deep/cwp/view.asp?a=2719&q=325618&deepNav_GID=1654 .	Discharges to Housatonic River will meet the substantive requirements for surface water discharges, antidegradation standards, and environmental criteria.	All alternatives impact surface waters through dredging, filling, and discharging.
State	Action	Hazardous Waste Management: Generator Standards RCSA §22a-449(c)102	Potentially applicable	This section establishes standards for various classes of generators. The standards of 40 CFR §262 are incorporated by reference. Storage requirements given at 40 CFR §265.15 are also included. Current regulations are available at http://eregulations.ct.gov/eRegsPortal/Browse/RCSA?id=Title%2022a 22a-449%28c%29 22a-449c-102 22a-449c-102	Waste stored at the site will be stored in accordance with these requirements.	Potentially all alternatives.
State	Action	Hazardous Waste Management: Land Disposal Restrictions RCSA §22a-449(c)108(a)(2)(V)	Potentially applicable	This section incorporates by reference the Federal Land Disposal Restrictions given at 40 CFR §268. See http://eregulations.ct.gov/eRegsPortal/Browse/RCSA?id=Title%2022a 22a-449%28c%29 22a-449c-108 22a-449c-108	If applicable, land disposal restrictions will be followed.	Potentially all alternatives.



**Table 2-1
Applicable or Relevant and Appropriate Requirements
Stratford Army Engine Plant
Stratford, Connecticut**



REGULATORY AUTHORITY	CHEMICAL, ACTION, OR LOCATION SPECIFIC	REQUIREMENT	STATUS	REQUIREMENT SYNOPSIS	ACTION TO BE TAKEN TO ATTAIN REQUIREMENT	APPLICABLE TO ALTERNATIVE
State	Action	Disposition of PCBs CGS §§22a-463 through 469. Disposition of PCB regulated by §22a-467	Potentially applicable – depending on alternatives analyzed.	This section requires that PCBs be disposed under a permit issued by the Commissioner. PCBs may also be disposed of under a written approval of the Commissioner in a manner which results in the destruction of the PCB or in a manner not inconsistent with the Requirements of the Toxic Substances Control Act (TSCA), listed at 40CFR §761. This section of the Statutes is available at https://www.cga.ct.gov/current/pub/chap_446k.htm#sec_22a-463	PCBs will be disposed of in accordance with state and federal regulations (TSCA). PCBs between 1 and 50 mg/kg and PCBs > 50 mg/kg will be segregated for proper disposal apart from sediments containing <1 mg/kg PCBs	All removal alternatives.
State	Chemical	Air Pollution Control Control of Organic Compound Emissions RCSA §22a-174-20	Potentially relevant and appropriate.	This section regulates volatile organic compounds. Subsection (f) sets limits for emission of organic solvents. See http://eregulations.ct.gov/eRegsPortal/Browse/RCSA?id=Title%2022a 22a-174 22a-174-20 22a-174-20	Although not anticipated, any emissions of organic solvents exceeding thresholds will be properly controlled and/or treated. Will need to be evaluated at design and implementation stage depending on exact processes to be used.	Potentially all.
State	Action	Regulation of Dredging and Erection of Structures and Placement of Fill in Tidal, Coastal, or Navigable Waters CGS §§22a-361	Potential ARAR – depending on alternatives analyzed.	These statutes regulate dredging, the erection of structures and placement of fill in tidal, coastal or navigable waters waterward of the high tide line. Section 361 Restricts dredging, erecting any structure, placing any fill, obstructing or encroaching or carrying out any work incidental to these activities, in the tidal, coastal or navigable waters of the state waterward of the coastal jurisdiction line until such person, firm or corporation has submitted an application and has secured from DEEP a certificate or permit for such work and has agreed to carry out any conditions necessary to the implementation of such certificate or permit.	Dredging and capping work will following substantive requirements.	All
State	Action	Tidal Wetlands Statutes CGS §§22a-32	Potential ARAR	These statutes regulate activities within tidal wetlands. Sec. 22a-32. Regulates work in tidal wetlands and states that “No regulated activity shall be conducted upon any wetland without a permit. Any person proposing to conduct or cause to be conducted a regulated activity upon any wetland shall file an application for a permit with the commissioner, in such form and with such information as the commissioner may prescribe”.	Substantive requirements will be met.	All



**Table 2-1
Applicable or Relevant and Appropriate Requirements
Stratford Army Engine Plant
Stratford, Connecticut**



REGULATORY AUTHORITY	CHEMICAL, ACTION, OR LOCATION SPECIFIC	REQUIREMENT	STATUS	REQUIREMENT SYNOPSIS	ACTION TO BE TAKEN TO ATTAIN REQUIREMENT	APPLICABLE TO ALTERNATIVE
State	Location	Standards for flow of water in rivers or streams RCSA §§ 26-141b-4	To be considered	<p>These statutes provide for establishment of standards for flow of water in rivers or streams and regulations to implement these standards. Section 26-141(b)-4 establishes streamflow standards and regulations for various classes of rivers and stream segments. See the statutes at:</p> <p>Stream Flow Standards and Regulations are at https://eregulations.ct.gov/eRegsPortal/Browse/RCSA/%7B95FC4BE3-B209-4B6B-B103-E54948C7AC1C%7D</p> <p>General information can be found at http://www.ct.gov/deep/cwp/view.asp?a=2719&q=434018&deepNav_GID=1654</p>	Substantive requirements will be met.	All
State	Action	Air Pollution Control Control of Odors RCSA §22a-174-23	Relevant and Appropriate	<p>No person shall cause or permit the emission of any substance or combination of substances which creates or contributes to an odor, in the ambient air, that constitutes a nuisance.</p> <p>Air Pollution Control, Control of Odors can be found at: http://www.ct.gov/deep/lib/deep/air/regulations/mainregs/sec23.pdf</p>	If applicable, odor control will be implemented.	Relevant to any alternative where sediments are processed and/or placed on land at the site.
Federal	Chemical	Toxic Substances Control Act (TSCA) PCB Remediation Wastes 40 CFR 761.61, 761.79	To be considered	<p>Identifies storage, disposal, and decontamination requirements for various PCB waste types and specifies requirements for PCB remediation waste. PCB remediation waste is defined as waste containing PCBs as a result of a spill, release, or other unauthorized disposal at the following concentrations:</p> <ul style="list-style-type: none"> • Materials disposed of prior to April 18, 1978, that are currently at concentrations > 50 ppm PCB, regardless of the concentrations of the original spill; • Materials currently at any volume or concentration where the original source was >500 ppm PCB beginning on April 18, 1978, or > 50 ppm PCB beginning on July 2, 1979; and • Materials currently at any concentration if the PCBs are from a source not authorized for use. <p>Dredged materials are specifically regulated.</p>	<p>Dredged materials will be managed as PCB remediation wastes based on the concentrations at which the PCBs are found, as opposed to their original concentration.</p> <p>Requires coordination with USEPA TSCA Regional coordination per guidance to determine applicability and path forward.</p>	All

Notes/Abbreviations:

ARAR = Applicable or Relevant and Appropriate Requirement
 CFR = Code of Federal Regulations
 RSR = Remediation Standard Regulations
 TSCA = Toxic Substances Control Act
 PCBs = Polychlorinated Biphenyls

Prepared by: TD 1/28/18
 Revised by: JMH 3.22.18
 Checked by: TD 3/23/18



**Table 2-2
Tidal Flat Remediation Area and Neat Volume Summary ¹
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



Removal Depth (ft)	Non-TSCA Removal Area (ft ²) (Beneficial On-Site Reuse)	Non-TSCA Removal Volume (cy) (Beneficial On-Site Reuse)	TSCA Removal Area (ft ²) 1 ppm ≤ PCB < 50 ppm (RCRA D Disposal)	TSCA Removal Volume (cy) 1 ppm ≤ PCB < 50 ppm (RCRA D Disposal)	TSCA Removal Area (ft ²) 50 ppm ≤ PCB (TSCA Disposal)	TSCA Removal Volume (cy) 50 ppm ≤ PCB (TSCA Disposal)
0-1	1,852,623	68,616	106,704	3,952	6,561	243
1-2	1,131,691	41,914	8,416	312	3,141	116
2-3	277,615	10,282	110,726	4,101	0	0
3-4	267,404	9,904	3,499	130	0	0
Total	-	130,487	-	8,495	-	359

¹ Area and Volumes provided are in-place calculations and do not account for over dredge, side slopes, bulking or other factors that may increase the area or volume to be remediated.



Table 2-3
OF-008 Remediation Area and Neat Volume Summary ¹
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut



Removal Depth (ft)	Non-TSCA Removal Area (ft ²) (Beneficial On-Site Reuse)	Non-TSCA Removal Volume (cy) (Beneficial On-Site Reuse)	TSCA Removal Area (ft ²) 1 ppm ≤ PCB < 50 ppm (RCRA D Disposal)	TSCA Removal Volume (cy) 1 ppm ≤ PCB < 50 ppm (RCRA D Disposal)
0-1	33,024	1,225	0	0
1-2	33,024	1,225	0	0
2-3	17,741	660	15,283	565
3-4	18,468	685	14,556	540
Total	-	3,795	-	1,105

¹ Area and Volumes provided are in-place calculations and do not account for over dredge, side slopes, bulking or other factors that may increase the area or volume to be remediated.



**Table 3-1
General Response Action Screening
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



General Response Action	Description	Effectiveness	Implementability	Cost	Retained for Further Evaluation		Screening Rationale and Comment
					Tidal Flats	OF-008 Drainage Ditch	
INSTITUTIONAL CONTROLS	Physical or administrative restrictions designed to prevent exposure to impacted sediment	Limited Effectiveness. Can be a useful tool to educate the public about the Site, however with future development requirements, future access restrictions, easements, covenants and regulatory restrictions cannot be enforced. Not effective for reducing ecological risks.	Variable Difficulty. It can be easy to implement educational programs however it would be difficult to enforce land use restrictions with future development needs.	Low	No	No	Sediment removal is required, therefore, screened out except as a necessary ancillary component of remedial alternatives.
MONITORED NATURAL RECOVERY	Allowing ongoing, naturally-occurring processes (reduction through deposition of incoming "cleaner" sediment, and/or dilution) to reduce constituent concentrations in sediment. Includes long-term monitoring to document decline in constituent concentrations.	Effective. Likely would be effective in the long term. Not effective in the short term. Time for Site to meet remedial goals unknown but estimated to be on the order of 20 to 80 years.	Low Difficulty.	Low	No	No	Will not meet RAOs in a reasonable time frame. Long term monitoring required to document recovery.
CONTAINMENT	Containment is accomplished by placing clean material over sediment within the areas of concern. Placement thicknesses vary and materials can range from silty sand to gravel. The containment cap may include multiple layers of various materials including armoring materials such as rip rap, a chemical isolation layer, and a chemical treatment layer to treat dissolved and/or migrating site contaminants. Cap materials would be selected to prevent erosion of underlying contaminated sediment and include a habitat, or bioactive, zone as well as armoring to keep cap materials in place. Delivery methods could include mechanical or hydraulic methods.	Effective. A cap would provide immediate isolation of contaminated sediment and prevent resuspension of contaminated bottom sediment. Treatability and engineering studies would be required during design phase to determine optimum cap material(s) and thicknesses. Cap thickness would need to be constructed in a manner to allow for boat traffic with possible access restrictions. Bench- or pilot-scale studies may be required to determine the effectiveness of different capping materials, cap placement, and construction. Flux of dissolved phase constituents to the tidal flats is not a concern at this Site.	Moderate Difficulty. Requires specialized equipment to place cap material. Could require several "lifts" or application of one layer at a time. May require construction of staging areas and access roads. Water level that varies may make application more difficult, depending on application method and variation in water levels. Containment without dredging will raise bottom bathymetry. Capping design can be complicated.	Moderate	No	No	Containment as a remedy that leaves behind contamination has been eliminated from further consideration. Straight backfill of removal areas will be a necessary component for inclusion in removal alternatives.



**Table 3-1
General Response Action Screening
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



General Response Action	Description	Effectiveness	Implementability	Cost	Retained for Further Evaluation		Screening Rationale and Comment
					Tidal Flats	OF-008 Drainage Ditch	
IN-SITU TREATMENT	Placement of a substrate, such as activated carbon or other specialized media, to reduce bioavailability of site contaminants.	Variable Effectiveness. Reduces exposure/bioavailability of contaminants to benthic organisms. Has been demonstrated for PCBs and some metals; however, effectiveness is not known for all contaminants. Amended sediment may not be good substrate for benthic organisms. Bench and pilot studies may be needed to appropriately design a remedy.	Moderate Difficulty. Easily implemented within the tidal flats and drainage ditch; however, repeated applications may be needed over a long period of time.	Moderate	No	No	Site contaminants would not be removed. Effectiveness at reducing bioavailability is uncertain for all contaminants. Doesn't address risk to benthic organisms.
REMOVAL	Physical removal of contaminated material including hydraulic and mechanical dredges, traditional excavator, cranes, and amphibious/multipurpose dredges. Typical controls may be required for all removal technologies to reduce impacts on water quality, marine plants, and species. Controls may include various types of resuspension controls and fish exclusion barriers.	Effective. Using appropriate technology, can effectively reduce the volume of contaminated sediment with precise GPS assisted removal.	Moderate- High Difficulty. Typically requires construction of supporting infrastructure such as access roads, staging areas, piping, and offloading facilities for dredged sediment. Requires engineering controls to reduce impacts of suspended sediments. Sediment dewatering and water treatment are typically required. Disposal or re-use of sediment is an important consideration.	Moderate-High	Yes	Yes	Proven technology for sediment removal
MATERIAL TRANSPORT	Required to move the removed sediment from the water to land for processing and disposal or reuse. Material is loaded to a barge or scow by mechanical methods, conveyed through a pipeline hydraulically or pneumatically, and/or directly placed in trucks for transport. The barge or scow is maneuvered using tug and/or push boats to the transloading area. Requires landside bulkhead, pier or wharf for barge docking and off-loading.	Effective. Very effective in areas with space and adequate draft. Methods are proven and well-established.	Moderate Difficulty. Can be implemented with various removal technologies to transfer removed sediments. Barge/scow limited by water depth and landside access. Multiple logistical concerns based on-site access and productivities	Moderate-High	Yes	Yes	Universal transportation methods for sediment removal projects.



**Table 3-1
General Response Action Screening
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



General Response Action	Description	Effectiveness	Implementability	Cost	Retained for Further Evaluation		Screening Rationale and Comment
					Tidal Flats	OF-008 Drainage Ditch	
MATERIAL DEWATERING AND PROCESSING	Multiple process options are available to dewater sediment, treat wastewater, and process sediment. Water treatment options include pH adjustment, flocculants, settling, clarification, carbon adsorption. Dewatering options include gravity dewatering, Geotubes, belt press, plate and frame press and others.	Effective. These technologies are proven and widely available to process sediment and wastewater prior to discharge. Bench-scale studies are typically required to determine which process options best meet project objectives including discharge criteria and disposal objectives.	Variable Difficulty. Will depend on the dredge method selected. Size of treatment systems dictated by volume of water, throughput, and complexity of needed processing systems. Various options for solidification are available. Permit discharge requirements will determine the treatment processes necessary prior to discharge. Water treatment systems can be land-based or barge-based. Discharge may be to local POTW or back to site surface waters. Stabilization technologies are generally easily implemented.	Low-High	Yes	Yes	Required for any option that includes sediment removal
DISPOSAL, RE-USE, AND PLACEMENT	<p>Disposal of excavated material at a permitted landfill or appropriate re-use on-or off-site following implementation of removal options identified above.</p> <p>Removed material that meets beneficial reuse limitations (both chemical and physical) can be transported to pre-approved locations for re-use rather than disposal or placed and managed on-site as fill material to be used in future development. Examples of off-site beneficial reuse include landfill daily cover or roadway base, mine reclamation, or other impaired site fill.</p> <p>Off-site disposal includes both TSCA and non-TSCA landfills based upon PCB concentrations in sediments.</p> <p>Also includes placement of sediments within a confined disposal facility (CDF) or confined aquatic disposal (CAD) cell.</p>	<p>Effective. An effective use of treated sediment. Sediments re-used on-site would need to meet SPLP standards.</p> <p>Landfill technology is effective at eliminating exposure to contaminated sediment and controlling any leachate generated.</p> <p>CAD and CDF technologies can be very effective when properly designed and implemented.</p>	<p>Low-High Difficulty. Would likely require physical conditioning in the form of dewatering and drying and addition of amendments such as lime or Portland cement to meet physical acceptance criteria either on-site or off-site.</p> <p>Off-site disposal requires extensive waste characterization sampling.</p> <p>CDF Implementability can be difficult due to encroachment into waterways.</p> <p>CAD cells can be difficult to implement due to public perception, extension coordination among agencies, and identifying a suitable location.</p>	Low-moderate	Yes	Yes	Necessary options for disposition of removed sediment.



**Table 3-1
General Response Action Screening
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



General Response Action	Description	Effectiveness	Implementability	Cost	Retained for Further Evaluation		Screening Rationale and Comment
					Tidal Flats	OF-008 Drainage Ditch	
HABITAT RESTORATION	<p>Activities completed to mitigate short-term impacts of remedial actions to local habitat.</p> <p>Re-establish stable cross section following remediation.</p> <p>Reestablish trees, shrubs, forbes, grasses and sedges depending on the ecological zone and restoration objectives. May include invasive species management.</p>	<p>Moderately Effective. Habitat restoration is a proven, documented practice; however, monitoring and maintenance is required to ensure success.</p> <p>Must be designed and installed by qualified, experienced personnel.</p>	<p>Moderate Difficulty. Can require significant coordination and planning with agencies.</p>	Moderate	No	Yes	Necessary for the OF-008 drainage ditch.



**Table 3-2
Initial Technology Screening
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



General Response Action and Description	Remedial Technology	Process Option and Description	Effectiveness	Difficulty and Implementability	Cost	Retained for Further Evaluation		Screening Rationale and Comment
						Tidal Flats	OF-008 Drainage Ditch	
<p>REMOVAL</p> <p>Physical excavation and disposal on- or off-site of contaminated material.</p> <p>Typical controls may be required for all removal technologies to reduce impacts on water quality, marine plants, and species. Controls may include various types of resuspension controls and fish exclusion barriers.</p>	Mechanical Dredging	Stationary dredgers that mechanically remove sediment from areas of concern. Equipment available with a variety of different dredging heads. Removed material is placed onto the back of the barge or an adjacent barge.	Variable Effectiveness. Effectively reduces the volume of contaminated sediment with precise GPS assisted removal. Overall effectiveness will be determined by contaminant delineation and removal.	Moderate-High Difficulty. May require construction of access roads, staging areas, and offloading facilities for dredged sediment. Requires engineering controls to prevent resuspension. Requires engineering controls to reduce impacts of suspended sediments as well as water treatment or disposal of dredge water.	High	Yes	No	Good technology for most sediment types and Sites with sediments that may generate sheen when agitated. Generally a slower removal method than hydraulic.
	Debris and Large Material Removal	Prior to dredging, sediments are sifted to remove debris and large objects from the dredge prism. This step allows material to be hydraulically dredged and turned into a slurry for hydraulic pumping through a pipeline of designed length to landside processing areas	Limited Effectiveness. Allows for areas with debris or other factors limiting hydraulic dredging to be hydraulically processed.	Moderate-High Difficulty. Requires additional equipment to be staged and assembled to allow for material screening. Operation would likely be in place and used in combination with hydraulic dredging or mechanical dredging with hydraulic transfer.	Moderate	Yes	No	May require pilot tests to determine site-specific and setting-specific effectiveness. Applicable to Tidal Flats; however, debris is not a major concern.
	Hydraulic Dredging	Stationary dredger that hydraulically remove sediment from areas of concern by means of loosening and disintegrating the bottom material into particle sizes compatible with a high velocity suction intake. The removed sediment is transported as a slurry through a pile line of designed length to the deposit area. The deposit area may be a barge, Geotube, or a confined disposal facility	Variable Effectiveness. Effectively reduces the volume of contaminated sediment. Overall effectiveness will be determined by contaminant delineation and removal.	Moderate-High Difficulty. May require construction of access roads, staging areas, pipelines, and offloading facilities for dredged sediment. Requires engineering controls to reduce impacts of suspended sediments as well as water treatment or disposal of dredge water.	High	Yes	No	Hydraulic dredging may be difficult in sensitive environments at Sites with sediments that may generate sheen when agitated. Good for fine loose sediments with a high water content. Difficult technology to be used in areas with debris and hard sediments or clays. Generally a faster removal technology than mechanical but requires a larger processing area for dewatering.
	Mechanical Excavation in the Dry	Traditional excavation of sediment "in the dry," relying on other technologies (or at low tide only) to allow this technique. Standard reach or long-reach excavation equipment can be staged along shoreline, or placed within dewatered area with or without access roads to remove sediments for placement into trucks for hauling to the site.	Variable. Allows more controlled removal with increased visibility of sediment and operations at opposite ends of the tidal cycle. Reduces water treatment and sediment processing required. Softness of sediment makes placing standard equipment on Tidal Flats ineffective.	Moderate-High Difficulty. Excavation equipment is well-established and available. Must be carefully coordinated with tidal cycles, dewatering efforts. Logistics can be challenging; therefore, experienced contractors are needed to implement in areas requiring significant water control challenges. More difficult in deep water, tidal, high current conditions, or soft sediment situations.	Moderate-High	Yes (perimeter only)	Yes	Tidal Flats have vast open area and sediments are soft, making excavation in this manner impractical. Applicable to perimeter of Tidal Flats with long-reach excavator OF-008 easier to isolate and dewater at the mouth of the drainage ditch and at OF-008. Standard excavation is feasible.



**Table 3-2
Initial Technology Screening
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



General Response Action and Description	Remedial Technology	Process Option and Description	Effectiveness	Difficulty and Implementability	Cost	Retained for Further Evaluation		Screening Rationale and Comment
						Tidal Flats	OF-008 Drainage Ditch	
	Amphibious Dredge	Dredging equipment designed to handle a wide variety of site conditions. Units can include both mechanical excavation and hydraulic excavation tooling, and can operate as floating plant or on sediment surface. "Swamp buggy" equipment is traditional excavation equipment with very large tracks with very low ground pressures and can even float. Amphibex manufactures dredges that can operate in hydraulic or mechanical mode.	Variable Effectiveness. Ideal for tidal cycle fluctuation work. Works in a variety of environments. May cause excessive turbidity generated due to disturbance of sediment surface by equipment operation.	High Difficulty. Potential concerns with Jones Act compliance (Amphibex); however, equipment with U.S. constructed hulls can be provided but may have long lead time. Marsh buggy equipment generally available.	High	Yes	No	Potential applicability to Tidal Flats given its ability to work around the tidal cycle.
	Temporary Dams	Temporary dam technologies to support mechanical dredging or traditional excavation "in the dry" include: Aqua-Barrier: Portable, water-inflated temporary dam designed for dewatering the dammed area to support dry excavation within waterways. Porta dam: Constructed of steel supports and poly-tarping Porta dam creates a temporary diversion for water to support dry excavation within waterways. Sheet Piling: Steel or plastic sheet piling is used to create a physical barrier around the desired construction area designed to limit waters from entering and/or for dewatering the dammed area to support dry excavation within waterways. Muscle Wall: Light weight barriers constructed of low density polyethylene are used to support containment. Earthen Berms: Barriers constructed of impermeable or semi-impermeable soil materials to create an embankment allowing control of water levels.	Variable Effectiveness. Allows for excavation "in the dry" improving the ability to more accurately remove sediments with less over dredge. Can increase work hours available. Reduces water treatment and sediment processing requirements. These systems, with the exception of sheet piling may have limited effectiveness given water depths at high tides.	Moderate-High Difficulty. Can be implemented in combination with excavation and removal technologies to isolate saturated soils. More difficult in deep water, tidal or high current conditions. Challenging to implement adjacent to existing breakwater.	Moderate-High	Yes (only sheet pile)	Yes	Tidal Flats have vast open area and difficult to fully dewater and isolate from the river. Sheet pile only retained for Tidal Flats Various technologies have applicability for OF-008, for cut off of mouth of the drainage ditch, excavation cell isolation, inlet control, and adjacent runway ditch control.



**Table 3-2
Initial Technology Screening
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



General Response Action and Description	Remedial Technology	Process Option and Description	Effectiveness	Difficulty and Implementability	Cost	Retained for Further Evaluation		Screening Rationale and Comment
						Tidal Flats	OF-008 Drainage Ditch	
	Other Engineering Controls (Turbidity Control/ Fish Barriers)	<p>Barriers (silt curtains and sheet pile cofferdams) to prevent or reduce the migration of re-suspended sediment that can cause exceedance of turbidity monitoring requirements.</p> <p>Fish barriers prevent species of concern from entering work area.</p>	<p>Variable Effectiveness. Turbidity barriers must be selected and installed carefully to be fully effective given waterway and sediment characteristics (water depth, current, tidal cycle, sediment fines).</p> <p>A sheet pile cofferdam would eliminate migration of resuspended sediments. Proper design would ensure complete enclosure of area. Sheet pile cofferdam would allow for the possibility of 24/7, 365 days per year operation.</p> <p>Fish barriers are effective if properly sized, engineered for strength, and anchored.</p>	<p>Variable Difficulty. Silt curtains are easily installed and maintained (requires knowledgeable contractors) and require straightforward design.</p> <p>A sheet pile cofferdam requires significant engineering, coordination with agencies, and requires specialty marine contractors to install. May add significant time to schedule before dredging can begin. Significant challenges installing near existing breakwater. Relatively easily to install fish barriers, but must be maintained. Fish within Outfall 008 drainage ditch may need to be "relocated" prior to dewatering.</p>	Low-Very High	Yes	No	<p>Both turbidity barrier methods and fish barriers are applicable to Tidal Flats work.</p> <p>Not applicable to Outfall 008 if work done "in the dry."</p>
<p>MATERIAL TRANSPORT</p> <p>Required to move the removed sediment from the water to land for processing and disposal.</p>	Barge/Scow	Material is loaded to a barge or scow by hydraulic or mechanical methods. The barge or scow is maneuvered using tug and/or push boats to the deposit area. Requires landside bulkhead, pier or wharf for barge docking and off-loading.	<p>Effective. Very effective in areas with space and adequate draft. Coupled with tug/push boats, has potential to generate resuspended sediments due to propulsion and draft.</p>	<p>Moderate Difficulty. Can be implemented with various removal technologies to transfer removed sediments. Barge/scow limited by water depth and landside access.</p>	Moderate-High	Yes	No	<p>Universal transportation method for mechanical dredge projects. Geotubes may be placed inside barges/scows in combination with a barge based water treatment system for hydraulic dredging.</p>
	Pneumatic Flow Tube Mixing (PFTM)	Dredged materials are placed into a hopper barge, then run through a metered pugmill which feeds material into a pipeline which is then conveyed in "slugs" via pneumatic pumping. Stabilization agents (e.g. Portland Cement) are mixed in-line to create a material which, when discharged, can be beneficially reused as a soil-like product.	<p>Effective. Effective with evenly graded sediments and adequate upland space for discharge/disposal.</p>	<p>Moderate-High Difficulty. Pipelines can be assembled at various lengths and can be floated on the surface of the water or be run over land to the deposit area. Requires specialized pump equipment and maintenance.</p>	High	Yes	No	<p>PTFM can be very effective at moving dredged sediment and eliminating the need for dewatering and processing.</p>



**Table 3-2
Initial Technology Screening
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



General Response Action and Description	Remedial Technology	Process Option and Description	Effectiveness	Difficulty and Implementability	Cost	Retained for Further Evaluation		Screening Rationale and Comment
						Tidal Flats	OF-008 Drainage Ditch	
	Hydraulic	Material is transported as a slurry from the dredge area through a pipe line of designed length to the deposit area. Requires slurry to have low percent solids for pumping.	Effective. Very effective at moving slurries of sediment less than ½ inch in diameter and free of debris.	Moderate-High Difficulty. Pipelines can be assembled at various lengths and can be floated on the surface of the water or be run over land to the deposit area. Will require additional material processing if dredging mechanically to make the dredged material into a slurry. May require extensive water treatment.	High	Yes	No	Universal transportation method for hydraulic dredge projects. Can be coupled with mechanical dredging by placement of dredged sediments in a slurry box, and transforming into a slurry and conveyed to land.
	Trucks	Material is mechanically loaded to trucks and driven to deposit area. Requires sediment to have relatively low water content.	Variable Effectiveness. Effective in areas close to land not requiring trucks to enter public roadways unless the material is free of liquids.	Variable Difficulty. Limited capacity per truck requiring multiple trucks. Not suitable for hydraulic removal methods. Most areas of the site are not adjacent to land eliminating this technology. In areas where trucks can be accessed by mechanical equipment, this technology may be acceptable.	Moderate-High	Yes	Yes	Potentially useful if performing mechanical excavation in the dry using excavation support and in intertidal areas with longer periods of exposure if mechanically removing in the dry during tidal cycles.
MATERIAL DEWATERING AND PROCESSING	Gravity Dewatering	Dewatering method where sediment is transported to land and placed in a sediment dewatering area to allow water to be removed through evaporation, and gravity draining with collection and treatment.	Limited Effectiveness. Highly effective and relatively quick for coarse grained material. Fine or well graded materials may retain water for longer periods of time reducing effectiveness and requiring additional space for large operations.	Easy-Moderate Difficulty. Requires staging areas and space. Dewatering time will vary depending on material properties.	Low	Yes	Yes	Simple to implement. May require additional tests to determine site-specific and setting-specific effectiveness.
	Material Screening and Size Separation	Slurried sediment is passed through a series of screens, augers, etc. to separate coarse material and debris from the fine material to allow for mechanical dewatering of the dredge slurry.	Limited Effectiveness. Pilot-testing is likely required. Allows for slurry to be mechanically dewatered.	Moderate-High Difficulty. Requires additional equipment to be staged and assembled to allow for material screening prior to mechanical dewatering. Equipment can become bridged or jammed and requires maintenance. Operation would be used in combination with hydraulic transfer.	Moderate	Yes	No	May require pilot tests to determine site-specific and setting-specific effectiveness.



**Table 3-2
Initial Technology Screening
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



General Response Action and Description	Remedial Technology	Process Option and Description	Effectiveness	Difficulty and Implementability	Cost	Retained for Further Evaluation		Screening Rationale and Comment
						Tidal Flats	OF-008 Drainage Ditch	
	Belt Press	Continuous dewatering devices that rely on confining (squeezing) the sediment in between two polymer mesh tensioned belts, allowing the pressate to seep through the fabric. The belt press can produce dewatered materials at 35-55% solids at 125 psi operating pressure with properly conditioned incoming slurry.	Effective. Requires material to be hydraulically dredged or hydraulically transferred. Requires desanding and processing of dredged slurry prior to dewatering.	Moderate Difficulty. Can be implemented with various removal technologies. May require extensive water treatment. May require use of polymers to enhance filtration.	Moderate-High	Yes	No	Can be used with for all dredging technologies, however, additional processing is required to hydraulically slurry mechanically dredged sediment. Can required a large space for laydown and be a slow process.
	Recessed Chamber Filter Press	Dewatering devices that rely on confining the slurry within a series of steel or rigid composite plates with the filter media stretched across the plate frame. The sediment particulate coats the media and the filtrate passes into the plate and is drained through channels in the press. As a result of the rigid frame, the press can operate at higher pressures (up to 225 psi), which produces dewatered sediments in excess of 60% solids.	Effective. Requires material to be hydraulically dredged or hydraulically transferred. Requires desanding and processing of dredged slurry prior to dewatering.	Moderate Difficulty. Can be implemented with various removal technologies. May require extensive water treatment. May require use of polymers to enhance filtration.	Moderate-High	Yes	Yes	Can be used with for all dredging technologies, however, additional processing is required to hydraulically slurry mechanically dredged sediment. Can required a large space for laydown and be a slow process.
	Centrifuge	Slurry is spun at high rpms to separate solids from water	Effective. Uses centrifugal forces to separate particles from water.	Moderate-High Difficulty. Complex machines that can be difficult to operate. May require use of polymers to enhance separation.	High	Yes	No	Included for evaluation in treatability studies
	Proprietary Mechanical Dewatering Systems	Commercially available complete dewatering systems for sediment, including Genesis Rapid Dewatering System, Hi-G screening, and TCW 3000 Plus.	Effective. Used in other industries and adapted to sediments dewatering. Combines various technologies into complete system.	Moderate-High Difficulty. Dewatering is complex and use of these proprietary systems depends on contractor familiarity. May require use of polymers to enhance filtration.	High	Yes	No	Retained Hi-G screening as representative technology only.
	Geotubes	Continuous dewatering device that relies on pumping of the dredged slurry into large tubes (up to 200 feet long, up to 60 feet in circumference) of woven geotextile fabric. The fabric retains the sediment particles allowing the filtrate to pass and the sediment is concentrated within the tube to a solids level of ~25-50% based on the sediment using the pressure of the slurry pump (generally 60 psi or less).	Effective. Sediment is retained and dewatered at the same time. Requires material to be hydraulically dredged or hydraulically transferred. Does not require size separation – can handle sand and larger sized particles.	Moderate Difficulty. Can be implemented with various removal technologies. May require extensive water treatment. Can require large areas to stage tubes for long periods of time (45 days or more). May require use of polymers to enhance filtration.	Moderate-High	Yes	No	Can be used with for all dredging technologies, however, additional processing is required to hydraulically slurry mechanically dredged sediment. Useful as erosion protection barriers and to build land in used in combination with a CDF. To be evaluated in treatability studies.
	Solidification and Stabilization	Mixing of reagents with dredged material to reduce water content,	Effective.	Moderate Difficulty.	Moderate-High	Yes	Yes	May require pilot tests to determine the most



**Table 3-2
Initial Technology Screening
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



General Response Action and Description	Remedial Technology	Process Option and Description	Effectiveness	Difficulty and Implementability	Cost	Retained for Further Evaluation		Screening Rationale and Comment
						Tidal Flats	OF-008 Drainage Ditch	
		increase strength, fix contaminants, and solidify sediment. Reagents may include Portland cement, lime, Calciment, etc. Requires landside area for sediment processing or barge mounted equipment to for processing on the water.	Sediment treatability studies would be required to determine site-specific and setting-specific effectiveness of the various reagents available.	Once material is dredged it is then treated ex-situ in preparation for disposal or re-use on-site. Requires landside access for barge docking and processing.				effective reagents, and specialized equipment for the solidification/ stabilization process. To be evaluated in treatability studies.
	Wastewater Treatment Technologies	Multiple Process Options Multiple process options are available for treatment of wastewater from ex situ operations. Options include pH adjustment, flocculants, settling, clarification, carbon adsorption, ion exchange, reverse osmosis, and specialty media treatment.	Effective. Multiple process options that are proven technologies are available to treat waste water prior to discharge. Bench-scale and/or pilot-scale studies would be required to determine which process options would be required to meet permitted discharge criteria.	Variable Difficulty. Permit discharge requirements will determine the treatment processes necessary prior to discharge. Systems can be land-based or barge-based and may be discharged to sewers or back to the remediation area waters.	Low-High	Yes	Yes	Required for any de-watering process. Bench-scale and/or pilot-scale studies would be required to determine site-specific and setting-specific effectiveness. To be evaluated in treatability studies.
DISPOSAL/RE-USE Disposal of excavated material at a permitted landfill or appropriate re-use on-or off-site following implementation of removal options identified above.	Confined Disposal Facility (CDF)	Upland areas and near shore areas that are diked to contain dredged material and allow clear water to return to the waterbody.	Effective. CDFs are a proven technology to contain sediment.	Moderate-High Difficulty. Requires available area for disposal. Areas will eventually create a land mass that will require a cap or institutional controls to prevent entry. Approval/permitting may be difficult.	Moderate-High	Yes	Yes	Can be used with for all dredging technologies. Material can be hydraulically slurried or mechanically placed. Eliminates the need for dewatering. Design, siting, and regulatory approvals would be required to determine site-specific and setting-specific viability. Agencies have indicated initial interest in shoreline CDF. Placement along shoreline to be evaluated further.
	Confined Aquatic Disposal (CAD) Cell	Construct an approved CAD cell. An approved underwater area is excavated to allow the placement of contaminated sediment within the area. Once full, the CAD cell is capped with material to prevent diffusion of contaminants.	Effective. Aquatic disposal cells are a proven technology to contain contaminated sediment.	High Difficulty. Requires available area for disposal and rigorous design and construction to place and contain buried sediment. Approval/permitting may be difficult and require long-lead time with coordination with multiple agencies and jurisdictions.	High	Yes	No	Can be used for mechanical dredging and potentially hydraulic dredging with additional processing prior to placement. Design, siting, and regulatory approvals would be required to determine site-specific and setting-specific viability. Not viable.
	Beneficial Reuse	Removed material that meets off or on-site beneficial reuse limitations (both chemical and physical) can be	Effective. An effective use of treated sediment.	Low Difficulty. Would likely require physical conditioning in the form of dewatering	Low-Moderate	Yes	Yes	Will require additional testing and precharacterization.



**Table 3-2
Initial Technology Screening
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



General Response Action and Description	Remedial Technology	Process Option and Description	Effectiveness	Difficulty and Implementability	Cost	Retained for Further Evaluation		Screening Rationale and Comment
						Tidal Flats	OF-008 Drainage Ditch	
		transported to pre-approved locations for re-use rather than disposal or placed and managed on-site as future fill material to be used in future development. Examples include landfill cover, roadway base, and on-site fill.		and drying and addition of amendments such as lime or Portland cement to meet physical acceptance criteria. Presence of significant organic matter (i.e., wood waste), which is not expected, may not be acceptable.				
	Off-Site Disposal	Dredged material would be dewatered and transported off-site to an approved landfill. Material assumed to be appropriate for disposal as RCRA subtitle D.	Effective. A permitted landfill is a technology proven to contain waste. Conditioning of sediments (e.g., dewatering, drying, and amendments such as Portland cement or lime) to meet landfill's physical acceptance criteria would likely be required.	Low Difficulty. Landfilling dredged material is a common practice. Waste characterization sampling would be required prior to disposal. Would require access roads for trucks, but these would likely already be in place from removal activities.	High	Yes	Yes	Will require additional testing and precharacterization.
HABITAT RESTORATION Activities completed to mitigate short-term impacts of remedial actions to local habitat and reestablish physical and biological functions of the waterways.	Bank Treatments/Bioengineering	Bank Treatments/Bioengineering use coir fabrics, coir logs, and native vegetation to reduce erosion, improve water quality and improve habitat. Intended to maintain stable channel.	Effective. This is a proven, documented restoration strategy.	Low-Moderate Difficulty. Could be as simple as planting vegetation, or as complicated as re-grading banks and constructing engineered banks including coir fabric and logs.	Low	No	Yes	May be applicable depending on final restoration plan.
	Riparian Vegetation	Establish buffer of trees, shrubs, forbes, grasses and sedges depending on the ecological zone. May include invasive species management.	Effective. This is a proven, documented restoration strategy implemented by qualified, experienced personnel.	Low Difficulty. Planting appropriate vegetation to maintain or repair the riparian zone as part of remediation. Requires maintenance.	Low	No	Yes	May be applicable depending on final restoration plan.
	Tidal Salt Marsh	Re-plant tidal salt marsh grasses. May include invasive species management.	Effective. This is a proven, documented restoration strategy if implemented by qualified, experienced personnel.	Low-Moderate Difficulty. Planting appropriate vegetation to maintain or repair the tidal salt marsh as part of remediation. Requires maintenance.	Low	Yes	Yes	May be applicable depending on final restoration plan.
	Tidal Mudflats/Backfilling	Replaced removed material with properly sized material depending on the ecological zone and the physical forces.	Effective. This is a proven, documented restoration strategy.	Low Difficulty. Installing properly sized material in the tidal mudflat zone as part of remediation easily implemented.	Low	Yes	Yes	Applicable to all Tidal Flats area and the Outfall 008 drainage ditch.



**Table 4-1
Screening of Remedial Action Alternatives
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



Tidal Flats Alternatives				
Remedial Alternative	Effectiveness	Implementability	Cost ^{1,3}	Retained/Ranking ²
Alternative 1 (No Action) <ul style="list-style-type: none"> No Further Action 	Low (1) <ul style="list-style-type: none"> Will not achieve remedial goals for the site, risks will remain on-site 	High (3) <ul style="list-style-type: none"> Low technical complexity due to ongoing monitoring plan 	Low (3) <ul style="list-style-type: none"> continued maintenance and monitoring plan 	Not Retained (7) <ul style="list-style-type: none"> Remediation required
Alternative 2 (Hydraulic Dredge) <ul style="list-style-type: none"> Hydraulic dredge to hydraulic off-load; Turbidity barrier to control migration of resuspended sediments; Land-based Long-stick excavation of near shore sediments Filter press or Geotube dewatering⁴; Mechanically placed backfill; On-site beneficial reuse of non-TSCA sediments (<1 ppm PCBs) and off-site disposal of TSCA sediments (1 ppm ≤ PCBs < 50 ppm and ≥ 50 ppm) or off-site disposal of all sediments; Water treatment and discharge to Housatonic River 	High (3) <ul style="list-style-type: none"> Will achieve the remedial goals with impacts removed by dredging and isolated by capping Significant quantity of impacted sediment which poses a risk to be reused on-site or disposed of off-site Turbidity curtains will minimize migration of residuals Five to six seasons required to complete due to aquatic species restrictions Operate 7 months of year in accordance with fish windows 	Low-Moderate (1.5) <ul style="list-style-type: none"> High technical complexity due to large footprint for sediment dredging and capping, tide fluctuations, and existing bathymetry Moderate operation, maintenance, and monitoring (OM&M) to ensure stability of cap Relative low need for temporary infrastructure (i.e., roadways, docking, etc.) Readily available services, materials, equipment and specialists locally On-Site area available for processing and treatment facilities, large footprint needed for water treatment equipment Greater amount of water generated requiring treatment Will meet substantive requirements of multiple permits needed for implementation 	Moderate-High (1.5) <ul style="list-style-type: none"> Low relative costs 	Retained (6) <ul style="list-style-type: none"> Standard industry accepted dredging technologies Readily available technology Low impact dredging with few roads/infrastructure needs Low relative costs with high production rates
Alternative 3 (Mechanical Dredge) <ul style="list-style-type: none"> Mechanical dredge to mechanical off-load, Turbidity barrier to control migration of resuspended sediments; Gravity drainage followed by solidification; Mechanically placed backfill On-site beneficial reuse of non-TSCA sediments (<1 ppm PCBs) and off-site disposal of TSCA sediments (1 ppm ≤ PCBs < 50 ppm and ≥ 50 ppm) or off-site disposal of all sediments; Land-based Long-stick excavation of near shore sediments; Water treatment and discharge back to Housatonic River 	High (3) <ul style="list-style-type: none"> Will achieve the remedial goals with impacts removed by dredging and isolated by capping Significant quantity of impacted sediment which poses a risk to be reused on-site or disposed of off-site Turbidity curtains will minimize migration of residuals Three to four seasons required to complete due to aquatic species restrictions with 7 months of year as operating window 	Moderate (2) <ul style="list-style-type: none"> High technical complexity due to large footprint for sediment dredging and capping, tide fluctuations, and existing bathymetry Moderate operation, maintenance, and OM&M to ensure stability of cap Greater need for temporary infrastructure for crane platform, dock, trucking, staging. Readily available services, materials, equipment and specialists locally On-Site area available for processing and treatment facilities Will meet substantive requirements of multiple permits needed for implementation 	Moderate-High (1.5) <ul style="list-style-type: none"> Moderately high relative costs 	Retained (6.5) <ul style="list-style-type: none"> Standard industry accepted dredging technologies Readily available technology Low impact dredging with few roads/infrastructure needs Low relative costs with high production rates



**Table 4-1
Screening of Remedial Action Alternatives
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



Tidal Flats Alternatives				
Remedial Alternative	Effectiveness	Implementability	Cost ^{1,3}	Retained/Ranking ²
<p>Alternative 4 (Mechanical Dredge/Hydraulic Transport)</p> <ul style="list-style-type: none"> • Mechanical dredge • Hydraulic offload • Turbidity barrier to control migration of resuspended sediments • Filter press or Geotube dewatering⁴ • Mechanically placed backfill • On-site beneficial reuse of non-TSCA sediments (<1 ppm PCBs) and off-site disposal of TSCA sediments (1 ppm ≤ PCBs < 50 ppm and ≥ 50 ppm) or off-site disposal of all sediments; • Land-based Long-stick excavation of near shore sediments • Water treatment and discharge back to Housatonic River 	<p>High (3)</p> <ul style="list-style-type: none"> • Will achieve the remedial goals with impacts removed by dredging and isolated by capping • Significant quantity of impacted sediment which poses a risk to be reused on-site or disposed of off-site • Turbidity curtains will minimize migration of residuals • Three to four seasons required to complete due to aquatic species restrictions with 7 months of year as operating window 	<p>Low-Moderate (1.5)</p> <ul style="list-style-type: none"> • High technical complexity due to large footprint for sediment dredging and capping, tide fluctuations, and existing bathymetry • Moderate operation, maintenance, and OM&M to ensure stability of cap • Relative low need for temporary infrastructure (i.e., roadways, docking, etc.) • Readily available services, materials, equipment and specialists locally • On-Site area available for processing and treatment facilities • Will meet requirements of multiple permits needed for implementation 	<p>Moderate-High (1.5)</p> <ul style="list-style-type: none"> • Moderate to low relative cost 	<p>Retained (6)</p> <ul style="list-style-type: none"> • Standard industry accepted dredging technologies • Readily available technology • Low impact dredging with few roads/infrastructure needs • Low relative costs with high production rates
<p>Alternative 5 (PFTM)</p> <ul style="list-style-type: none"> • Mechanical dredge • Land-based Long-stick excavation of near shore sediments • Pneumatic flow tube mixing • Turbidity barrier to control migration of resuspended sediments • Mechanically placed backfill • On-site beneficial reuse of non-TSCA sediments (<1 ppm PCBs) and off-site disposal of TSCA sediments (1 ppm ≤ PCBs < 50 ppm and ≥ 50 ppm) or off-site disposal of all sediments; • Water treatment and discharge back to Housatonic River 	<p>High (3)</p> <ul style="list-style-type: none"> • Will achieve the remedial goals with impacts removed by dredging and isolated by capping • Significant quantity of impacted sediment which poses a risk to be reused on-site or disposed of off-site • Turbidity curtains will minimize migration of residuals • Three to four seasons required to complete due to aquatic species restrictions with 7 months of year as operating window 	<p>Relatively Unknown (1)</p> <ul style="list-style-type: none"> • PFTM is a relatively new technology with limited case studies demonstrating success for this type of application. There are greater operating concerns with a proprietary system. • Has been used extensively in Japan for large construction projects • Relatively little infrastructure needed on-site 	<p>Moderate-High (1.5)</p> <ul style="list-style-type: none"> • Low relative costs, limited water treatment is needed, and offloading is largely eliminated 	<p>Retained (5.5)</p> <ul style="list-style-type: none"> • Newer technology with limited options for service and technical support
<p>Alternative 6 (Off-Site Processing)</p> <ul style="list-style-type: none"> • Mechanical dredge • Land-based Long-stick excavation of near shore sediments • Turbidity barrier to control migration of resuspended sediments 	<p>High (3)</p> <ul style="list-style-type: none"> • Will achieve the remedial goals with impacts removed by dredging and isolated by capping 	<p>High (3)</p> <ul style="list-style-type: none"> • Implementation is relatively easy due to little infrastructure requirements. There are no roads, docks, or staging areas required. • Relies on off-site facilities to be fully permitted to process sediment 	<p>High (1)</p> <ul style="list-style-type: none"> • There is a significant cost associated with off-site processing and disposal when on-site processing and beneficial re-use options are available. 	<p>Retained (7)</p> <ul style="list-style-type: none"> • Standard industry accepted dredging technologies • Readily available technology • Low impact dredging with few roads/infrastructure needs



**Table 4-1
Screening of Remedial Action Alternatives
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



Tidal Flats Alternatives				
Remedial Alternative	Effectiveness	Implementability	Cost ^{1,3}	Retained/Ranking ²
<ul style="list-style-type: none"> Barge offsite for processing (clean earth or tipping point) Mechanically placed backfill Off-site disposal of all sediments (TSCA and non-TSCA materials) Water treatment and discharge back to Housatonic River 	<ul style="list-style-type: none"> Significant quantity of impacted sediment which poses a risk to be reused on-site or disposed of off-site Turbidity curtains will minimize migration of residuals Three to four seasons required to complete due to aquatic species restrictions with 7 months of year as operating window 			<ul style="list-style-type: none"> Significant cost implications with readily available on-site processing and beneficial re-use options.
<p>Alternative 7(Hydraulic Dredge/Cofferdam)</p> <ul style="list-style-type: none"> Hydraulic dredge Hydraulic off-load Dewater using either filter press or Geotube⁴ Cofferdam as turbidity barrier to control migration of resuspended sediments Mechanically placed backfill On-site beneficial reuse of non-TSCA sediments (<1 ppm PCBs) and off-site disposal of TSCA sediments (1 ppm ≤ PCBs < 50 ppm and ≥ 50 ppm) or off-site disposal of all sediments; Cofferdam installation to allow for hydraulic control of the area over all tide cycles to allow for dredging with draft; Allows for dredging 365 days per year. Water treatment and discharge back to Housatonic River 	<p>High (3)</p> <ul style="list-style-type: none"> Will achieve the remedial goals with impacts removed by dredging and isolated by capping Significant quantity of impacted sediment which poses a risk to be reused on-site or disposed of off-site Cofferdam can be effective but conditions are unknown and a significant design effort would be required to ensure a water tight seal. Cofferdam will act as turbidity curtain and allow for 12 month operation. One to two seasons required to complete work Additional time required to design and install cofferdam prior to dredging 	<p>Low (1)</p> <ul style="list-style-type: none"> Difficult to implement due to large cofferdam installation, monitoring and maintenance Dredging implementability would be enhanced to be able to dredge with constant draft without tide influence 	<p>High (1)</p> <ul style="list-style-type: none"> High cost of the cofferdam installation and monitoring would outweigh the cost savings in production 	<p>Not Retained (5)</p> <ul style="list-style-type: none"> Standard industry accepted dredging technologies High installation costs for cofferdam High monitoring and maintenance for cofferdam
<p>Alternative 8 (Mechanical Dredge/Cofferdam)</p> <ul style="list-style-type: none"> Mechanical dredge Mechanical off-load Process and dewater using Portland cement Mechanically placed backfill On-site beneficial reuse of non-TSCA sediments (<1 ppm PCBs) and off-site disposal of TSCA sediments (1 ppm ≤ PCBs < 50 ppm and ≥ 50 ppm) or off-site disposal of all sediments; Land-based Long-stick excavation of near shore sediments 	<p>High (3)</p> <ul style="list-style-type: none"> Will achieve the remedial goals with impacts removed by dredging and isolated by capping Significant quantity of impacted sediment which poses a risk to be reused on-site or disposed of off-site Cofferdam can be effective but conditions are unknown and a significant design effort would be required to ensure a water tight seal. 	<p>Low (1)</p> <ul style="list-style-type: none"> Difficult to implement due to large cofferdam installation, monitoring and maintenance Dredging implementability would be enhanced to be able to dredge in the dry without tide influence 	<p>High (1)</p> <ul style="list-style-type: none"> High cost of the cofferdam installation and monitoring would outweigh the cost savings in production 	<p>Not Retained (5)</p> <ul style="list-style-type: none"> Standard industry accepted dredging technologies High installation costs for cofferdam High monitoring and maintenance for cofferdam



**Table 4-1
Screening of Remedial Action Alternatives
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



Tidal Flats Alternatives				
Remedial Alternative	Effectiveness	Implementability	Cost ^{1,3}	Retained/Ranking ²
<ul style="list-style-type: none"> Cofferdam as turbidity barrier to control migration of resuspended sediments Cofferdam installation to allow for hydraulic control of the area over all tide cycles to allow for dredging in the dry; Allows for dredging 365 days per year. Water treatment and discharge back to Housatonic River 	<ul style="list-style-type: none"> Cofferdam will act as turbidity curtain and allow for 12 month operation. One to two seasons required to complete work Additional time required to design and install cofferdam prior to dredging 			
<p>Alternative 9 (Amphibious Dredge)</p> <ul style="list-style-type: none"> Amphibious mechanical dredge Hydraulic off-load Turbidity barrier to control migration of resuspended sediments Dewater using filter press or Geotube⁴ Mechanically placed backfill On-site beneficial reuse of non-TSCA sediments (<1 ppm PCBs) and off-site disposal of TSCA sediments (1 ppm ≤ PCBs < 50 ppm and ≥ 50 ppm) or off-site disposal of all sediments; Water treatment and discharge back to Housatonic River 	<p>Moderate (2)</p> <ul style="list-style-type: none"> May achieve remedial goal but more difficult than other alternatives Soft nature of sediments at the site pose risk of mixing and residuals Operate 7 months of year in accordance with fish windows Three to four seasons required to complete due to aquatic species restrictions with 7 months of year as operating window 	<p>Low (1)</p> <ul style="list-style-type: none"> Difficult to traverse mud flats without causing significant mixing of underlying sediments with impacted sediments. 	<p>Low (3)</p> <ul style="list-style-type: none"> Relatively low implementation costs 	<p>Not Retained (6)</p> <ul style="list-style-type: none"> Effectiveness of dredging and segregation of materials is too difficult to maintain with soft sediments
<p>Alternative 10 (Hydraulic/Shoreline CDF)</p> <ul style="list-style-type: none"> Hydraulic dredge to hydraulic off-load; Turbidity barrier to control migration of resuspended sediments; Building Demolition behind dike Sheet pile shoreline CDF construction Geotube dewatering; Mechanically placed backfill; On-site beneficial reuse of dewatered material behind constructed shoreline CDF; Water treatment and discharge back to Housatonic River 	<p>Moderate (2)</p> <ul style="list-style-type: none"> Will achieve the remedial goals with impacts removed by dredging and isolated by capping Significant quantity of impacted sediment which poses a risk to be reused on-site or disposed of off-site Turbidity curtains will minimize migration of residuals Five to six seasons required to complete due to aquatic species restrictions with 7 months of year as operating window Additional time required to design and install shoreline CDF prior to dredging and filling 	<p>Low-Moderate (1.5)</p> <ul style="list-style-type: none"> High technical complexity due to large footprint for sediment dredging and capping, tide fluctuations, and existing bathymetry Relative low need for temporary infrastructure for dredging (i.e., roadways, docking, etc.); however, significant infrastructure needs and time required to install shoreline CDF. Readily available services, materials, equipment and specialists locally On-Site area available for processing, and treatment facilities, large footprint needed for water treatment equipment Greater amount of water generated requiring treatment Will meet substantive requirements of multiple permits needed for implementation 	<p>High (1)</p> <ul style="list-style-type: none"> Sheet pile shoreline CDF installation costs are very high due to depth required to create stable wall Significant building demo required to accommodate sufficient space behind CDF 	<p>Not Retained (4.5)</p> <ul style="list-style-type: none"> Standard industry accepted dredging technologies Readily available technology Significant additional schedule and cost impacts for CDF design and construction



**Table 4-1
Screening of Remedial Action Alternatives
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



Tidal Flats Alternatives				
Remedial Alternative	Effectiveness	Implementability	Cost ^{1,3}	Retained/Ranking ²
<p>Alternative 11 (Hydraulic/Tidal Flats CAD)</p> <ul style="list-style-type: none"> Hydraulic dredge to hydraulic off-load; Turbidity barrier to control migration of resuspended sediments; Sheet pile to support sides of CAD cell in tidal flats (not needed if in Housatonic) Geotube dewatering; Mechanically placed backfill; Water treatment and discharge to Housatonic River 	<p>Moderate (2)</p> <ul style="list-style-type: none"> Will achieve the remedial goals with impacts removed by dredging and isolated by capping Significant quantity of impacted sediment which poses a risk to be disposed of in CAD cell Turbidity curtains will minimize migration of residuals Five to six seasons required to complete due to aquatic species restrictions with 7 months of year as operating window Additional time required to design and build CAD prior to dredging and filling 	<p>Low-Moderate (1.5)</p> <ul style="list-style-type: none"> High technical complexity due to large footprint for sediment dredging and capping, tide fluctuations, and existing bathymetry Need for temporary infrastructure for dredging (i.e., roadways, docking, etc.); however, significant infrastructure needs and time required to build CAD including geotechnical investigation Sediment rehandling is necessary Readily available services, materials, equipment and specialists locally On-Site area available for processing, and treatment facilities, large footprint needed for water treatment equipment and placement of excess sediments Will meet substantive requirements of multiple permits needed for implementation Clean material excavated for CAD cell used as backfill in tidal flats 	<p>High (1)</p> <ul style="list-style-type: none"> Sheet pile installation costs are very high due to depth required to create CAD cell wall 	<p>Not Retained (4.5)</p> <ul style="list-style-type: none"> Standard industry accepted dredging technologies Readily available technology Significant additional schedule and cost impacts for CAD design and construction Disruptive of navigation channel



**Table 4-1
Screening of Remedial Action Alternatives
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



Outfall 008 Drainage Ditch Alternatives				
Remedial Alternative	Effectiveness	Implementability	Cost ^{1,3}	Retained/Ranking ²
Alternative 1 (No Action) No Further Action	Low (1) <ul style="list-style-type: none"> Will not achieve remedial goals for the site, risks will remain on-site 	High (3) <ul style="list-style-type: none"> Low technical complexity due to ongoing monitoring plan 	Low (3) <ul style="list-style-type: none"> continued maintenance and monitoring plan 	Not Retained (7) Remediation required
Alternative 2 (Mechanical Excavation) <ul style="list-style-type: none"> Isolate and dewater area for mechanical excavation using land based excavator Truck transport to processing area Process and dewater with Portland cement Import clean material for mechanically placed backfill and restoration On-site beneficial reuse of non-TSCA sediments (<1 ppm PCBs) and off-site disposal of TSCA sediments (1 ppm ≤ PCBs < 50 ppm and ≥ 50 ppm) or off-site disposal of all sediments; Water treatment and discharge back to Housatonic River 	High (3) <ul style="list-style-type: none"> Will achieve the remedial goals with impacts removed by dredging and isolated by capping Significant quantity of impacted sediment which poses a risk to be reused on-site or disposed of off-site Isolation and dewatering of the drainage ditch will contain sediments and minimize turbidity migration Restoration more effective under dewatered scenario 	Moderate (2) <ul style="list-style-type: none"> Moderate technical complexity due tide fluctuations, interconnection with adjacent ditch, and existing bathymetry Greater need for temporary infrastructure for roadways and processing of sediments Readily available services, materials, equipment and specialists locally On-Site area available for processing, treatment, and handling facilities Will meet substantive requirements of multiple permits needed for implementation 	Moderate-High (1.5) <ul style="list-style-type: none"> Moderate relative cost, significant costs to control water 	Retained (6.5) <ul style="list-style-type: none"> Standard industry accepted dredging technologies Readily available technology Low impact dredging with few roads/infrastructure needs Low relative costs with high production rates
Alternative 3 (Mechanical Dredging) <ul style="list-style-type: none"> Mechanical dredge to mechanical off-load, Turbidity barrier to control migration of resuspended sediments; Gravity drainage followed by solidification; Mechanically placed backfill; On-site beneficial reuse of non-TSCA sediments (<1 ppm PCBs) and off-site disposal of TSCA sediments (1 ppm ≤ PCBs < 50 ppm and ≥ 50 ppm) or off-site disposal of all sediments; Land-based Long-stick excavation of near shore sediments; Water treatment and discharge back to Housatonic River 	Low-Moderate(1.5) <ul style="list-style-type: none"> Will achieve the remedial goals with impacts removed by dredging and isolated by capping Significant quantity of impacted sediment which poses a risk to be reused on-site or disposed of off-site Possible release of resuspended sediments into adjacent airport ditch and marine basin - turbidity curtains needed minimize migration of residuals Several seasons required to complete due to aquatic species restrictions Restoration difficult/less effective for high water conditions 	Low (1) <ul style="list-style-type: none"> High technical complexity due to narrow footprint of the drainage channel for sediment dredging and capping, tide fluctuations, and existing bathymetry Greater need for temporary infrastructure for crane platform, dock, trucking, staging. Readily available services, materials, equipment and specialists locally On-Site area available for processing and treatment facilities Will meet substantive requirements of multiple permits needed for implementation 	Moderate (2) <ul style="list-style-type: none"> Low relative costs, little to no costs related to control of water 	Not Retained (4.5) <ul style="list-style-type: none"> Not an effective solution for the size of the drainage ditch to be dredged. Tidal fluctuations and site logistics would hinder production rates making it an impractical alternative

Notes:

¹ Costs are assessed in a relative sense. Quantitative costs are developed for the retained alternatives in Section 5 and will be equivalent to “engineer’s estimates” within minus 30% and plus 50% of actual quantities consistent with USEPA feasibility study guidance.

² Ranking evaluations based on High (3), Moderate (2) and Low (1).

³ Ranking for Cost are reversed to reflect accurate ranking (i.e., high cost was given a low ranking).

⁴ Other dewatering systems may be viable, equally effective, and have lower costs; however, it is beyond the scope of this FFS to evaluate all systems available.



**Table 5-1
Criteria Evaluation
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



Alternative	Protection of Human Health and the Environment	Compliance with ARARs	Long Term Effectiveness and Performance	Reduction of Toxicity, Mobility, or Volume through Treatment	Short Term Effectiveness and Schedule	Implementability	Total Capital Cost ^{1,4}	
							On-Site Beneficial Reuse ²	Off-Site Disposal ³
<p><i>Alternative 2</i></p> <p>Tidal Flats: Hydraulic Dredge, Belt Press or Geotube dewatering, Hydraulic Transport</p> <p>Outfall-008: Isolate and Dewater, Mechanical Excavation, Gravity Dewatering Truck Transport</p> <p>Figure 5-1 Figure 5-2</p>	<ul style="list-style-type: none"> Would provide Overall Protection of Human Health and the Environment by removing affected sediments from the tidal flats and drainage ditch. Disposing TSCA sediments off-site in a RCRA D or TSCA landfill and either beneficially reusing Non-TSCA sediment on-site or disposing off-site. Will achieve remedial objectives, restore natural resources, and allow for reuse of property 	<ul style="list-style-type: none"> Will fully comply with ARARs, including those for aquatic species protection, water quality, and on-site reuse of materials. Will fully comply with TSCA by segregating TSCA and non-TSCA materials, dewatering TSCA sediments to the maximum feasible, and meeting substantive requirement of a risk-based approval for solidification of sediments that do not pass the paint filter test under 40 CFR 761.61(c) 	<ul style="list-style-type: none"> High certainty of success with impacts removed by dredging and locally isolated by capping High long-term effectiveness by removing the impacts by dredging Habitat will be improved through restoration activities over the long term Recreational use of the Tidal Flats will be restored for future Minimal long-term risk to public/environment with on-site reuse or off-site disposal 	<ul style="list-style-type: none"> No reduction through treatment as a principle element Will remove contaminant mass Impacted sediment which poses a risk to be processed and reused on-site or disposed of off-site Higher volume of water treatment required for hydraulic dredge/transport than mechanical dredging Higher volume of sediment due to precision of hydraulic dredge equipment (0.4 ft over dredge) Minimal potential for resuspension of sediments 	<ul style="list-style-type: none"> Larger treatment footprint for processing/dewatering Potential odor issues with processing and stockpiling Moderate import of materials for processing 5-6 season construction duration Moderate short-term risk to construction workers during implementation associated with use of heavy equipment and dredging of impacted sediment Minimal short-term risk to public/environment during dredging, and transport Silt curtains will protect downstream water resources 	<ul style="list-style-type: none"> Moderate technical complexity due to large footprint for sediment dredging and restoration, tide fluctuations, and existing bathymetry More processing and water treatment required due to hydraulic slurry transport High complexity of water treatment system with larger volume of water to be treated Previously developed landside access used for processing, disposal High availability of services, materials, equipment and specialists locally Moderate availability of off-site disposal facilities 	Belt Press \$108.7 M	Belt Press \$142.8 M
							Geotube \$95.3 M	Geotube \$129.4 M
<p><i>Alternative 3</i></p> <p>Tidal Flats: Mechanical Dredge, Gravity Dewatering, Mechanical Transport</p> <p>Outfall-008: Isolate and Dewater, Mechanical Excavation, Gravity Dewatering Truck Transport</p> <p>Figure 5-3 Figure 5-4</p>	<ul style="list-style-type: none"> Would provide Overall Protection of Human Health and the Environment by removing affected sediments from the tidal flats and drainage ditch. Disposing TSCA sediments off-site in a RCRA D or TSCA landfill and either beneficially reusing Non-TSCA sediment on-site or disposing off-site. Will achieve remedial objectives, restore natural resources, and allow for reuse of property 	<ul style="list-style-type: none"> Will fully comply with ARARs, including those for aquatic species protection, water quality, and on-site reuse of materials. Will fully comply with TSCA by segregating TSCA and non-TSCA materials, dewatering TSCA sediments to the maximum feasible, and meeting substantive requirements of a risk-based approval for solidification of sediments that do not pass the paint filter test under 40 CFR 761.61(c) 	<ul style="list-style-type: none"> High certainty of success with impacts removed by dredging and locally isolated by capping High long-term effectiveness by removing the impacts by dredging Habitat will be improved through restoration activities over the long term Recreational use of the Tidal Flats will be restored for future Minimal long-term risk to public/environment with on-site reuse or off-site disposal 	<ul style="list-style-type: none"> No reduction through treatment as a principle element Will remove contaminant mass Impacted sediment which poses a risk to be processed and re-used on-site or disposed of off-site Lower volume of water treatment required for mechanical dredge/transport Lower volume of sediment due to precision of mechanical dredge equipment (0.2 ft over dredge) Potential for resuspension of 	<ul style="list-style-type: none"> Smaller treatment footprint for processing/dewatering Potential odor issues with processing and stockpiling Higher import of materials for processing 3-4 season construction duration Moderate short-term risk to construction workers during implementation associated with use of heavy equipment and dredging of impacted sediment Moderate short-term risk to public/environment during dredging, transport and reuse or disposal 	<ul style="list-style-type: none"> Moderate technical complexity due to large footprint for sediment dredging and restoration, tide fluctuations, and existing bathymetry Minimal water treatment required due to gravity drainage system Minimal complexity of water treatment with gravity drainage Previously developed landside access used for processing, disposal High availability of necessary services, materials, equipment and specialists locally Moderate availability of off-site disposal facilities 	\$79.4 M	\$112.5 M



**Table 5-1
Criteria Evaluation
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



Alternative	Protection of Human Health and the Environment	Compliance with ARARs	Long Term Effectiveness and Performance	Reduction of Toxicity, Mobility, or Volume through Treatment	Short Term Effectiveness and Schedule	Implementability	Total Capital Cost ^{1,4}	
							On-Site Beneficial Reuse ²	Off-Site Disposal ³
				sediments from operation of tug/push boats	<ul style="list-style-type: none"> Silt curtains will protect downstream water resources 			
<p><i>Alternative 4</i></p> <p>Tidal Flats: Mechanical Dredge, Hydraulic Transport, Belt Press or Geotube Dewatering</p> <p>Outfall-008: Isolate and Dewater, Mechanical Excavation, Gravity Dewatering, Truck Transport</p> <p>Figure 5-5 Figure 5-6</p>	<ul style="list-style-type: none"> Would provide Overall Protection of Human Health and the Environment by removing affected sediments from the tidal flats and drainage ditch. Disposing TSCA sediments off-site in a RCRA D or TSCA landfill and either beneficially reusing Non-TSCA sediment on-site or disposing off-site. Will achieve remedial objectives, restore natural resources, and allow for reuse of property 	<ul style="list-style-type: none"> Will fully comply with ARARs, including those for aquatic species protection, water quality, and on-site reuse of materials. Will fully comply with TSCA by segregating TSCA and non-TSCA materials, dewatering TSCA sediments to the maximum feasible, and meeting substantive requirements of a risk-based approval for solidification of sediments that do not pass the paint filter test under 40 CFR 761.61(c) 	<ul style="list-style-type: none"> High certainty of success with impacts removed by dredging and locally isolated by capping High long-term effectiveness by removing the impacts by dredging Habitat will be improved through restoration activities over the long term Recreational use of the Tidal Flats will be restored for future Minimal long-term risk to public/environment with on-site reuse or off-site disposal 	<ul style="list-style-type: none"> No reduction through treatment as a principle element Will remove contaminant mass Impacted sediment which poses a risk to be processed and reused on-site or disposed of off-site Moderate volume of water treatment required for mechanical dredge/hydraulic transport Lower volume of sediment due to precision of mechanical dredge equipment (0.2 ft over dredge) Minimal potential for resuspension of sediments 	<ul style="list-style-type: none"> Larger treatment footprint for processing/dewatering Potential odor issues with processing and stockpiling Moderate import of materials for processing 3-4 season construction duration Moderate short-term risk to construction workers during implementation associated with use of heavy equipment and dredging of impacted sediment Moderate short-term risk to public/environment during dredging, transport and reuse or disposal Silt curtains will protect downstream water resources 	<ul style="list-style-type: none"> Moderate technical complexity due to large footprint for sediment dredging and restoration, tide fluctuations, and existing bathymetry More processing and water treatment required due to hydraulic slurry transport High complexity of water treatment system with moderate volume of water to be treated Previously developed landside access used for processing, disposal High availability of services, materials, equipment and specialists locally Moderate availability of off-site disposal facilities 	Belt Press \$85.5 M	Belt Press \$116.9 M
<p><i>Alternative 5</i></p> <p>Tidal Flats: Mechanical Dredge, no dewatering (non-TSCA), Pneumatic Transport Gravity Dewatering; barge transport for TSCA sediments</p> <p>Outfall-008: Isolate and Dewater, Mechanical Excavation, Gravity Dewatering, Truck Transport</p> <p>Figure 5-7</p>	<ul style="list-style-type: none"> Would provide Overall Protection of Human Health and the Environment by removing affected sediments from the tidal flats and drainage ditch. Disposing TSCA sediments off-site in a RCRA D or TSCA landfill and either beneficially reusing Non-TSCA sediment on-site or disposing off-site. Will achieve remedial objectives, restore natural 	<ul style="list-style-type: none"> Will fully comply with ARARs, including those for aquatic species protection, water quality, and on-site reuse of materials. Will fully comply with TSCA by segregating TSCA and non-TSCA materials, dewatering TSCA sediments to the maximum feasible, and meeting substantive requirements of a risk-based approval for solidification of sediments that do not pass the paint filter test under 40 CFR 761.61(c) 	<ul style="list-style-type: none"> High certainty of success with impacts removed by dredging and locally isolated by capping High long term effectiveness by removing the impacts by dredging Habitat will be improved through restoration activities over the long term Recreational use of the Tidal Flats will be restored for future Minimal long-term risk to public/environment with 	<ul style="list-style-type: none"> No reduction through treatment as a principle element Will remove contaminant mass Will achieve the remedial objective with impacts removed by dredging Impacted sediment which poses a risk to be processed and reused on-site or disposed of off-site Minimal volume of water treatment required for mechanical dredge and PFTM 	<ul style="list-style-type: none"> Small treatment footprint as little processing/dewatering required Less potential odor issues with little processing required Import materials for processing 3-4 season construction duration Moderate short-term risk to construction workers during implementation associated with use of heavy equipment and dredging of impacted sediment 	<ul style="list-style-type: none"> Moderate technical complexity due to large footprint for sediment dredging and restoration, tide fluctuations, and existing bathymetry Little water treatment required due to PFTM transport. Little sediment handling. Previously developed landside access used for processing, disposal Limited availability of necessary services, materials, equipment and specialists locally for PFTM 	\$82.1 M	NA



**Table 5-1
Criteria Evaluation
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



Alternative	Protection of Human Health and the Environment	Compliance with ARARs	Long Term Effectiveness and Performance	Reduction of Toxicity, Mobility, or Volume through Treatment	Short Term Effectiveness and Schedule	Implementability	Total Capital Cost ^{1,4}	
							On-Site Beneficial Reuse ²	Off-Site Disposal ³
Figure 5-8	resources, and allow for reuse of property		on-site reuse or off-site disposal	<ul style="list-style-type: none"> Lower volume of sediment due to precision of mechanical dredge equipment (0.2 ft over dredge) Potential for resuspension of sediments from operation of tug/push boats 	<ul style="list-style-type: none"> Minimal short-term risk to public/environment during dredging, transport and reuse or disposal Silt curtains will protect downstream water resources 	<ul style="list-style-type: none"> Moderate availability of off-site disposal facilities 		
<p>Alternative 6</p> <p>Tidal Flats: Mechanical Dredge, Gravity Dewatering, Barge Transport Off-Site</p> <p>Outfall-008: Isolate and Dewater, Mechanical Excavation, Gravity Dewatering, Truck Transport</p> <p>Figure 5-9 Figure 5-10</p>	<ul style="list-style-type: none"> Would provide Overall Protection of Human Health and the Environment by removing affected sediments from the tidal flats and drainage ditch. Disposing TSCA sediments off-site in a RCRA D or TSCA landfill and either beneficially reusing Non-TSCA sediment on-site or disposing off-site. Will achieve remedial objectives, restore natural resources, and allow for re-use of property 	<ul style="list-style-type: none"> Will fully comply with ARARs, including those for aquatic species protection, water quality, and on-site reuse of materials. Will fully comply with TSCA by segregating TSCA and non-TSCA materials, dewatering TSCA sediments to the maximum feasible, and meeting substantive requirements of a risk-based approval for solidification of sediments that do not pass the paint filter test under 40 CFR 761.61(c) 	<ul style="list-style-type: none"> High certainty of success with impacts removed by dredging and locally isolated by capping High long-term effectiveness by removing the impacts by dredging Habitat will be improved through restoration activities over the long term Recreational use of the Tidal flats will be restored for Future Minimal long-term risk to public/environment with on-site reuse or off-site disposal 	<ul style="list-style-type: none"> No reduction through treatment as a principle element Will remove contaminant mass Will achieve the remedial objective with impacts removed by dredging Impacted sediment which poses a risk to be processed and reused on-site or disposed of off-site Minimal volume of water treatment required for mechanical dredge and off-site process and disposal Lower volume of sediment due to precision of mechanical dredge equipment (0.2 ft over dredge) Potential for resuspension of sediments from operation of tug/push boats 	<ul style="list-style-type: none"> Little treatment footprint for OF-008 only Limited potential odor issues, only OF-008 processing and stockpiling Little import materials for processing 3-4 season construction duration Moderate short-term risk to construction workers during implementation associated with use of heavy equipment and dredging of impacted sediment Minimal short-term risk to public/environment during dredging, transport and reuse or disposal Silt curtains will protect downstream water resources 	<ul style="list-style-type: none"> Moderate technical complexity due to large footprint for sediment dredging and restoration, tide fluctuations, and existing bathymetry Minimal water treatment required due to gravity drainage system Minimal complexity of water treatment with gravity drainage for OF-008 Previously developed landside access used for OF-008 processing, disposal High availability of necessary services, materials, equipment and specialists locally Moderate availability of off-site disposal facilities 	NA	\$93.5 M

Notes:

- Costs are engineer's estimates and are anticipated to be within minus 30% and plus 50% of actual quantities consistent with USEPA feasibility study guidance.
- "On-Site beneficial reuse" cost includes off-site disposal costs for TSCA material (>= 50 mg/kg PCBs) and RCRA-D material (>=1 and < 50 mg/kg PCBs) and on-site processing and placement of sediments containing <1.0 mg/kg PCBs and otherwise meeting CT residential soil criteria.
- See Table 6-3 and Appendix E for additional cost information. Off-site disposal assumes all materials will be disposed of off-site.



**Table 5-1
Criteria Evaluation
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



4. Cost differences between on- and off-site options for Alternatives that have both options are driven by two main factors: 1. For options including hydraulic dredging (Alternative 2), the overdredge is larger than for options that include mechanical dredging, which requires the processing and disposal of a larger quantity of sediment; and 2. For options utilizing geotubes or belt press dewatering (Alternative 2 and 4), no Portland cement is included while for options that utilize mechanical dredging the addition of 6% Portland cement adds to the cost (Alternatives 3, 5, and 6).



**Table 5-2
Key Quantitative Factors for Alternatives Evaluation
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



Alternative	Sediment Volume (CY)	Stabilization	Backfill Volume	Water Treatment (Gallons)	Productivity	Schedule ²	Total Cost ^{1,6}	
							On-Site Beneficial Reuse ³	Off-Site Disposal ⁴
<p><i>Alternative 2</i></p> <p>Tidal Flats: Hydraulic Dredge, Hydraulic Transport, Belt Press or Geotube Dewatering</p> <p>Outfall-008: Isolate and Dewater, Mechanical Excavation, Truck Transport, Gravity Dewatering</p> <p>Figures 5-1, 5-2</p>	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 139,471 (Neat Volume) • 170,281 (Total Volume with Overdredge and Side Slopes) <p>Outfall-008</p> <ul style="list-style-type: none"> • 4,900 (Neat Volume) • 6,125 (Total Volume with Overdredge and Side Slopes) 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • None <p>Outfall-008</p> <ul style="list-style-type: none"> • Required • 6% Addition 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 97,470 (Neat Volume) • 127,240 (Total Volume with Overplacement and Material Loss) <p>Outfall-008</p> <ul style="list-style-type: none"> • 4,892 (Neat Volume) • 5,779 (Total Volume with Overplacement and Material Loss) 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 303,716,691 <p>Outfall-008</p> <ul style="list-style-type: none"> • 6,860,000 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 304 cy/day (Dredge) • 625 cy/day (Backfill) <p>Outfall-008</p> <ul style="list-style-type: none"> • 144 cy/day (Dredge) • 192 cy/day (Backfill) 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 743 working days • 34 months • 4-5 Seasons <p>Outfall-008</p> <ul style="list-style-type: none"> • 64 days • 4 months • Occurs during tidal flat remediation 	<p>\$108.7 M (belt press)</p> <p>\$95.3 M (Geotube)</p>	<p>\$142.8 M (belt press)</p> <p>\$129.4 M (Geotube)</p>
<p><i>Alternative 3</i></p> <p>Tidal Flats: Mechanical Dredge, Gravity Dewatering, Mechanical Transport</p> <p>Outfall-008: Isolate and Dewater, Mechanical Excavation, Truck Transport, Gravity Dewatering</p> <p>Figures 5-3, 5-4</p>	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 139,471 (Neat Volume) • 155,573 (Total Volume with Overdredge and Side Slopes) <p>Outfall-008</p> <ul style="list-style-type: none"> • 4,900 (Neat Volume) • 6,125 (Total Volume with Overdredge and Side Slopes) 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • Required • 6% Addition <p>Outfall-008</p> <ul style="list-style-type: none"> • Required • 6% Addition 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 82,763 (Neat Volume) • 111,062 (Total Volume with Overplacement and Material Loss) <p>Outfall-008</p> <ul style="list-style-type: none"> • 4,892 (Neat Volume) • 5,779 (Total Volume with Overplacement and Material Loss) 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 19,676,260 <p>Outfall-008</p> <ul style="list-style-type: none"> • 6,860,000 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 496 cy/day (Dredge) • 625 cy/day (Backfill) <p>Outfall-008</p> <ul style="list-style-type: none"> • 144 cy/day (Dredge) • 192 cy/day (Backfill) 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 502 working days • 23 months • 3 to 4 Seasons <p>Outfall-008</p> <ul style="list-style-type: none"> • 64 days • 4 months • Occurs during tidal flat remediation 	<p>\$79.4 M</p>	<p>\$112.5 M</p>
<p><i>Alternative 4</i></p> <p>Tidal Flats: Mechanical Dredge, Hydraulic Transport, Belt Press or Geotube Dewatering</p> <p>Outfall-008: Isolate and Dewater, Mechanical Excavation, Gravity Dewatering, Truck Transport</p> <p>Figures 5-5, 5-6</p>	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 139,471 (Neat Volume) • 155,573 (Total Volume with Overdredge and Side Slopes) <p>Outfall-008</p> <ul style="list-style-type: none"> • 4,900 (Neat Volume) • 6,125 (Total Volume with Overdredge and Side Slopes) 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • None <p>Outfall-008</p> <ul style="list-style-type: none"> • Required • 6% Addition 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 82,763 (Neat Volume) • 111,062 (Total Volume with Overplacement and Material Loss) <p>Outfall-008</p> <ul style="list-style-type: none"> • 4,892 (Neat Volume) • 5,779 (Total Volume with Overplacement and Material Loss) 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 71,246,428 <p>Outfall-008</p> <ul style="list-style-type: none"> • 6,860,000 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 393 cy/day (Dredge) • 625 cy/day (Backfill) <p>Outfall-008</p> <ul style="list-style-type: none"> • 144 cy/day (Dredge) • 192 cy/day (Backfill) 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 562 working days • 26 months • 3-4 Seasons <p>Outfall-008</p> <ul style="list-style-type: none"> • 64 days • 4 months • Occurs during tidal flat remediation 	<p>\$85.5 M (belt press)</p> <p>\$78.4 M (Geotube)</p>	<p>\$116.9 M (belt press)</p> <p>\$109.7 M (Geotube)</p>



**Table 5-2
Key Quantitative Factors for Alternatives Evaluation
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



Alternative	Sediment Volume (CY)	Stabilization	Backfill Volume	Water Treatment (Gallons)	Productivity	Schedule ²	Total Cost ^{1,6}	
							On-Site Beneficial Reuse ³	Off-Site Disposal ⁴
<p><i>Alternative 5</i></p> <p>Tidal Flats: Mechanical Dredge, Pneumatic Transport, (no dewatering non-TSCA sediments), Gravity Dewatering of TSCA sediments and off-site disposal via barge transport</p> <p>Outfall-008: Isolate and Dewater, Mechanical Excavation, Gravity Dewatering, Truck Transport</p> <p>Figures 5-7, 5-8</p>	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 139,471 (Neat Volume) • 155,573 (Total Volume with Overdredge and Side Slopes) <p>Outfall-008</p> <ul style="list-style-type: none"> • 4,900 (Neat Volume) • 6,125 (Total Volume with Overdredge and Side Slopes) 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • Required • 6% Addition <p>Outfall-008</p> <ul style="list-style-type: none"> • Required • 6% Addition 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 82,763 (Neat Volume) • 111,062 (Total Volume with Overplacement and Material Loss) <p>Outfall-008</p> <ul style="list-style-type: none"> • 4,892 (Neat Volume) • 5,779 (Total Volume with Overplacement and Material Loss) 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 19,676,260 <p>Outfall-008</p> <ul style="list-style-type: none"> • 6,860,000 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 496 cy/day (Dredge) • 625 cy/day (Backfill) <p>Outfall-008</p> <ul style="list-style-type: none"> • 144 cy/day (Dredge) • 192 cy/day (Backfill) 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 502 working days • 23 months • 3-4 Seasons <p>Outfall-008</p> <ul style="list-style-type: none"> • 64 days • 4 months • Occurs during tidal flat remediation 	\$82.1 M	NA
<p><i>Alternative 6</i></p> <p>Tidal Flats: Mechanical Dredge, Gravity Dewatering, Barge Transport Off-Site</p> <p>Outfall-008: Isolate and Dewater, Mechanical Excavation, Gravity Dewatering, Truck Transport</p> <p>Figures 5-9, 5-10</p>	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 139,471 (Neat Volume) • 155,573 (Total Volume with Overdredge and Side Slopes) <p>Outfall-008</p> <ul style="list-style-type: none"> • 4,900 (Neat Volume) • 6,125 (Total Volume with Overdredge and Side Slopes) 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • None <p>Outfall-008</p> <ul style="list-style-type: none"> • Required • 6% Addition 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 82,763 (Neat Volume) • 111,062 (Total Volume with Overplacement and Material Loss) <p>Outfall-008</p> <ul style="list-style-type: none"> • 4,892 (Neat Volume) • 5,779 (Total Volume with Overplacement and Material Loss) 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 19,676,260 <p>Outfall-008</p> <ul style="list-style-type: none"> • 6,860,000 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 496 cy/day (Dredge) • 625 cy/day (Backfill) <p>Outfall-008</p> <ul style="list-style-type: none"> • 144 cy/day (Dredge) • 192 cy/day (Backfill) 	<p>Tidal Flats</p> <ul style="list-style-type: none"> • 502 working days • 23 months • 3-4 Seasons <p>Outfall-008</p> <ul style="list-style-type: none"> • 64 days • 4 months • Occurs during tidal flat remediation 	NA	\$93.5 M

Notes:

1. Costs are engineer's estimates and are anticipated to be within minus 30% and plus 50% of actual quantities consistent with USEPA feasibility study guidance.
2. Season assumes a work window is July 1 through January 31. See Table 6-2 for a Detailed Schedule Comparison.
3. On-Site beneficial reuse cost includes off-site disposal costs for TSCA material.
4. See Table 6-3 and Appendix E for additional cost information.
5. NA – Not Applicable
6. Cost differences between on- and off-site options for Alternatives that have both options are driven by two main factors: 1. For options including hydraulic dredging (Alternative 2), the overdredge is larger than for options that include mechanical dredging, which requires the processing and disposal of a larger quantity of sediment; and 2. For options utilizing geotubes or belt press dewatering (Alternative 2 and 4), no Portland cement is included while for options that utilize mechanical dredging the addition of 6% Portland cement adds to the cost (Alternatives 3, 5, and 6).



**Table 6-1
Comparative Analysis
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



Alternative	Threshold Criteria	Primary Balancing Criteria ^{1,2}	Sustainability Criteria
<p><i>Alternative 2:</i></p> <p>Site Preparation: Environmental controls, 2 staging areas (processing and dewatering for hydraulic dredge and another for OF-008 processing and dewatering), temporary access roads and offices.</p> <p>Tidal Flats: Hydraulic dredge to hydraulic off-load with belt filter press or Geotube dewatering. Water treatment system with water discharge to Housatonic River. Beneficial on-site reuse of non-TSCA sediment. On-site processing off-site disposal of TSCA sediments. Mechanical backfill and restoration.</p> <p>OF-008: Isolate and dewater area for mechanical dredge and truck transport to sediment processing area. On-site beneficial reuse for non-TSCA sediment. On-site processing and off-site disposal for TSCA sediment. Mechanical backfill and restoration.</p>	<ul style="list-style-type: none"> • Protective of human health and the environment by removing impacted sediment, treating the sediment and water discharge and restoring the Tidal Flats with in-kind backfill • Recreational use of the Tidal Flats will be restored for future use • Meets all ARARs for the site 	<ul style="list-style-type: none"> • High certainty of success and long-term effectiveness with impacts removed by dredging • Removal of sediment is effective in the short- and long-term with no long-term risk of recontamination • Will remove contaminant mass, restore natural resources and allow for re-use of property • Longest time among alternatives to achieve RAOs • Will re-establish habitat • Moderate technical complexity due to large footprint for sediment dredging and restoration, tide fluctuations, and existing bathymetry • More processing and water treatment required due to hydraulic slurry transport • High complexity of water treatment system with larger volume of water to be treated • High on-site beneficial reuse cost range between \$108.7 M (belt press) and \$95.3 M (Geotube) • High off-site disposal cost range between \$142.8 M (belt press) and \$129.4 M (Geotube) • Practical and cost effective alternative for the large sediment removal areas. • Potential odor issues with processing and stockpiling 	<ul style="list-style-type: none"> • Less sustainable alternative with a larger volume of water generated for treatment, larger area for processing and dewatering • Belt press has a high energy and maintenance cost • Geotubes have less maintenance and little to no energy costs • Trucking required from the temporary stockpile area to the larger on-site beneficial reuse area • Less trucking required than if sediment was sent for off-site disposal. No trucking required from barge to processing with hydraulic slurry transport • Impacted sediment which poses a risk to be processed and beneficially reused on-site or disposed of off-site
<p><i>Alternative 3:</i></p> <p>Site Preparation: Environmental controls, 1 staging area (processing and dewatering area for both Tidal Flats and OF-008), temporary access roads and offices.</p> <p>Tidal Flats: Mechanical dredge to mechanical off-load and stabilize dewater with mechanical backfill and beneficial on-site reuse for non-TSCA sediment. On-site processing and off-site disposal for TSCA sediment.</p> <p>OF-008: Isolate and dewater area for mechanical dredge and truck transport to sediment processing area and beneficial on-site reuse for non-TSCA sediment. On-site processing and off-site disposal for TSCA sediment. Mechanical backfill and restoration.</p>	<ul style="list-style-type: none"> • Protective of human health and the environment by removing impacted sediment, treating the sediment and water discharge and restoring the Tidal Flats with in-kind backfill • Recreational use of the Tidal Flats will be restored for future use • Meets all ARARs for the site 	<ul style="list-style-type: none"> • High certainty of success and long-term effectiveness with impacts removed by dredging • Removal of sediment is effective in the short and long-term with no long-term risk of recontamination • Will re-establish habitat • Will remove contaminant mass, achieve remedial objectives, restore natural resources and allow for re-use of property in timely manner • Requires crane barge for sediment off-load • Haul trucks for transport from barge to processing area • Moderate technical complexity due to large footprint for sediment dredging and restoration, tide fluctuations, and existing bathymetry • Previously developed landside access will be allowed for processing, disposal • Moderate operation, maintenance, and monitoring (OM&M) • Moderate complexing of water treatment with gravity drainage • Moderate availability of necessary services, materials, equipment and specialists locally • Moderate availability of off-site disposal facilities • Smaller treatment footprint for processing/dewatering • Potential odor issues with processing and stockpiling • Low on-site beneficial reuse cost of \$79.4 M • Moderate off-site disposal cost of \$112.5 M • Practical and cost effective alternative for the large sediment removal areas 	<ul style="list-style-type: none"> • More sustainable alternative with a smaller volume of water generated for treatment • Uses Portland cement, which has high energy consumption during production and transport • Less sustainable with larger equipment required to process the sediment on-site • Trucking required from the temporary stockpile area to the larger beneficial on-site reuse area • Less on-site trucking required if sediment was sent for off-site disposal • Mechanical dredging with mechanical transport is a CT DEEP accepted sediment removal technology, however hydraulic dredging is their preferred technology • Dredging and restoration will immediately improve aesthetics of site • Access to embayment limited for shorter duration of dredging and restoration



**Table 6-1
Comparative Analysis
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



Alternative	Threshold Criteria	Primary Balancing Criteria ^{1,2}	Sustainability Criteria
<p><i>Alternative 4:</i></p> <p>Site Preparation: Environmental controls, staging, processing and dewatering areas, temporary access roads and offices.</p> <p>Tidal Flats: Mechanical dredge to hydraulic off-load, belt filter press or Geotube dewater. Water treatment system with water discharge to Housatonic River. Mechanically placed backfill and beneficial on-site reuse for non-TSCA sediment. On-site processing and off-site disposal for TSCA sediment.</p> <p>OF-008: Isolate and dewater area for mechanical dredge and truck transport to sediment processing area and beneficial on-site reuse for non-TSCA sediment. On-site processing and off-site disposal for TSCA sediment. Mechanical backfill and restoration.</p>	<ul style="list-style-type: none"> • Protective of human health and the environment by removing impacted sediment, treating the sediment and water discharge and restoring the Tidal Flats with in-kind backfill • Recreational use of the Tidal Flats will be restored for future use • Meets all ARARs for the site 	<ul style="list-style-type: none"> • Removal of sediment is effective in the short and long-term with no long-term risk of recontamination • High certainty of success and long-term effectiveness with impacts removed by dredging which will restore natural resources and allow for re-use of property in timely manner • Will re-establish habitat • Highly likely to remove mass, achieve remedial objectives • Moderate technical complexity due to large footprint for sediment dredging and restoration, tide fluctuations, and existing bathymetry • More processing and water treatment required due to hydraulic slurry transport • High complexity of water treatment system with larger volume of water to be treated • Previously developed landside access will be allowed for processing, beneficial on-site reuse; little disturbance of previously undisturbed areas • Moderate availability of necessary services, materials, equipment and specialists locally • Moderate availability of off-site disposal facilities if required • Potential odor issues with processing and stockpiling • Moderate to low on-site beneficial reuse cost range between \$85.5 M (belt press) and \$78.4 M (Geotube) • Moderate off-site disposal cost range between \$116.9 M (belt press) and \$109.7 M (Geotube) 	<ul style="list-style-type: none"> • Less sustainable alternative with a larger volume of water generated for treatment, larger area for processing and dewatering • Belt press has a high energy and maintenance cost • Geotubes have less maintenance and little to no energy costs • Trucking required from the temporary stockpile area to the larger beneficial on-site reuse area • Less trucking required than if sediment was sent for off-site disposal. No trucking required from barge to processing with hydraulic slurry transport • Impacted sediment which poses a risk to be processed and beneficially reused on-site or disposed of off-site
<p><i>Alternative 5:</i></p> <p>Site Preparation: Environmental controls, 1 staging area (processing and dewatering area for OF-008), temporary access roads and offices.</p> <p>Tidal Flats: Mechanical dredge to pneumatic flow tube mixing (PFTM) and beneficial on-site reuse of non-TSCA sediment. Off-site processing and disposal of TSCA sediment. Mechanical backfill and restoration.</p> <p>OF-008: Isolate and dewater area for mechanical dredge and truck transport to sediment processing area and beneficial on-site reuse for non-TSCA sediment. On-site processing and off-site disposal for TSCA sediment. Mechanical backfill and restoration.</p>	<ul style="list-style-type: none"> • Protective of human health and the environment by removing impacted sediment, treating the sediment and water discharge and restoring the Tidal Flats with in-kind backfill • Recreational use of the Tidal Flats will be restored for future use • Meets all ARARs for the site 	<ul style="list-style-type: none"> • Removal of sediment is effective in the short and long-term with no long-term risk of recontamination • High certainty of success and long-term effectiveness with impacts removed by dredging which will restore natural resources and allow for re-use of property in timely manner • Will re-establish habitat • Will remove contaminant mass, achieve remedial objectives • Moderate technical complexity due to large footprint for sediment dredging and restoration, tide fluctuations, and existing bathymetry • Minimal volume of water treatment required for mechanical dredge and pneumatic transport, minimal sediment handling • Small treatment footprint as little processing/dewatering required • Less potential odor issues with little processing required • Lower volume of import materials for processing • Higher technical complexity for PFTM as it is a specialized sediment transport mechanism • Previously developed landside access will be allowed for processing, disposal • Moderate availability of necessary services, materials, equipment and specialists locally • Moderate on-site beneficial reuse cost of \$82.1 M • Little potential odor issues with PFTM, direct stockpiling of processed sediment, and limited water treatment 	<ul style="list-style-type: none"> • Most sustainable alternative with smallest volume of water generated for treatment, small area for OF-008 processing and dewatering • Uses Portland cement, which has high energy consumption during production and transport • PFTM has a high energy and maintenance cost associated with pumping, potential clogging • Less trucking required than if sediment was sent for off-site disposal. No trucking required from barge to processing with PFTM transport • Impacted sediment which poses a risk to be processed and beneficially reused on-site • Mechanical dredging with PFTM transport is a CT DEEP accepted sediment removal technology, however hydraulic dredging is their preferred technology



**Table 6-1
Comparative Analysis
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



Alternative	Threshold Criteria	Primary Balancing Criteria ^{1,2}	Sustainability Criteria
<p><i>Alternative 6:</i></p> <p>Site Preparation: Environmental controls, 1 staging area (processing and dewatering area for OF-008), temporary access roads and offices.</p> <p>Tidal Flats: Mechanical dredge to off-site processing and disposal. Mechanical backfill and restoration.</p> <p>OF-008: Isolate and dewater area for mechanical dredge and truck transport to sediment processing area and beneficial on-site reuse for non-TSCA sediment. On-site processing and off-site disposal for TSCA sediment. Mechanical backfill and restoration.</p>	<ul style="list-style-type: none"> • Protective of human health and the environment by removing impacted sediment, treating the sediment and water discharge and restoring the Tidal Flats with in-kind backfill • Recreational use of the Tidal Flats will be restored for future use • Meets all ARARs for the site 	<ul style="list-style-type: none"> • Removal of sediment is effective in the short and long-term with no long-term risk of recontamination • High certainty of success and long-term effectiveness with impacts removed by dredging which will restore natural resources and allow for beneficial reuse of property in timely manner • Will re-establish habitat • Will remove contaminant mass, achieve remedial objectives • Moderate technical complexity due to large footprint for sediment dredging and restoration, tide fluctuations, and existing bathymetry • Minimal volume of water treatment required for mechanical dredge and off-site processing and disposal, minimal sediment handling • Small treatment footprint as little processing/dewatering required for OF-008 • Less potential odor issues with little processing required • Minimal volume of import materials for OF-008 processing • Low technical complexity for mechanical dredging and OF-008 processing • Previously developed landside access will be allowed for processing and disposal, no new land disturbance • High availability of necessary services, materials, equipment and specialists locally • Moderate availability of off-site disposal facilities • Lowest off-site disposal cost of \$93.5 M • Little potential odor issues with off-site transport, minimal OF-008 odor during process/dewatering 	<ul style="list-style-type: none"> • Most locally sustainable alternative with little on-site volume of water generated for treatment, small area for OF-008 processing and dewatering • Uses Portland cement, which has high energy consumption during production and transport • Minimal energy and maintenance cost associated with mechanical dredging, OF-008 processing/dewatering • Less trucking required than if sediment was sent for off-site disposal. • Barging is an energy efficient transport mode, and opens up possibility of rail transport to off-site disposal facilities, which is also energy efficient. • Mechanical dredging with off-site transport is a CT DEEP accepted sediment removal technology however hydraulic dredging is their preferred technology • Shortest project duration with minimal processing/dewatering on-site.

Notes:

1. Costs are engineer's estimates and are anticipated to be within minus 30% and plus 50% of actual quantities consistent with USEPA feasibility study guidance.
2. Costs provided are Total Capital Costs. See Table 6-3 and Appendix E for more information.

cy – cubic yard
ft - feet



**Table 6-2
Alternative Schedule Summary
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



Alternative	Remediation Duration (Years) July – January Work Window						Remediation Duration (Years) No Work Window					
	12 Hour Schedule			24 Hour Schedule			12 Hour Schedule			24 Hour Schedule		
	5 Working Days/Week	6 Working Days/Week	7 Working Days/Week	5 Working Days/Week	6 Working Days/Week	7 Working Days/Week	5 Working Days/Week	6 Working Days/Week	7 Working Days/Week	5 Working Days/Week	6 Working Days/Week	7 Working Days/Week
2	4.8	4.1	3.5	2.4	2.0	1.8	2.8	2.4	2.1	1.4	1.2	1.0
3	3.3	2.8	2.4	1.6	1.4	1.2	1.9	1.6	1.4	1.0	0.8	0.7
4	3.7	3.1	2.7	1.8	1.5	1.3	2.1	1.8	1.6	1.1	0.9	0.8
5	3.3	2.8	2.4	1.6	1.4	1.2	1.9	1.6	1.4	1.0	0.8	0.7
6	3.3	2.8	2.4	1.6	1.4	1.2	1.9	1.6	1.4	1.0	0.8	0.7



**Table 6-3
Alternative Cost Summary¹
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



	Cost Category	Alternative 2 (Belt Press)	Alternative 2 (Geotube)	Alternative 3	Alternative 4 (Belt Press)	Alternative 4 (Geotube)	Alternative 5	Alternative 6
On-Site Beneficial Reuse Tidal Flats	Mobilization, Temporary Construction, Surveys, Environmental Protection & Monitoring	\$ 12,230,000	\$ 10,130,000	\$ 7,350,000	\$ 8,900,000	\$ 7,710,000	\$ 6,210,000	\$ 5,310,000
	Dredging, Offloading, Processing & Water Treatment	\$ 27,780,000	\$ 23,420,000	\$ 18,430,000	\$ 21,460,000	\$ 19,260,000	\$ 22,970,000	\$ 9,940,000
	Backfill Material & Backfill Placement	\$ 12,940,000	\$ 12,940,000	\$ 12,260,000	\$ 11,520,000	\$ 11,520,000	\$ 11,520,000	\$ 11,520,000
	Beneficial On-Site Reuse and/or Off-Site Disposal	\$ 3,140,000	\$ 3,140,000	\$ 2,900,000	\$ 2,740,000	\$ 2,740,000	\$ 2,930,000	\$ 32,730,000
	Site Restoration & Demobilization	\$ 8,140,000	\$ 6,050,000	\$ 4,580,000	\$ 4,820,000	\$ 3,640,000	\$ 3,610,000	\$ 3,600,000
	Tidal Flat Sub-Total	\$ 64,230,000	\$ 55,680,000	\$ 45,520,000	\$ 49,440,000	\$ 44,870,000	\$ 47,240,000	\$ 63,100,000
On-Site Beneficial Reuse OF-008 Drainage Ditch	Mobilization, Temporary Construction, Surveys, Environmental Protection & Monitoring	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
	Sheet Pile Installation for Water Diversion	\$ 1,980,000	\$ 1,980,000	\$ 1,980,000	\$ 1,980,000	\$ 1,980,000	\$ 1,980,000	\$ 1,980,000
	Debris Removal, Excavation, Processing & Water Treatment	\$ 1,220,000	\$ 1,220,000	\$ 1,220,000	\$ 1,220,000	\$ 1,220,000	\$ 1,220,000	\$ 1,220,000
	Backfill Material & Backfill Placement	\$ 570,000	\$ 570,000	\$ 570,000	\$ 570,000	\$ 570,000	\$ 570,000	\$ 570,000
	Beneficial On-Site Reuse and/or Off-Site Disposal	\$ 630,000	\$ 630,000	\$ 630,000	\$ 630,000	\$ 630,000	\$ 630,000	\$ 630,000
	Site Restoration & Demobilization	\$ 360,000	\$ 360,000	\$ 360,000	\$ 360,000	\$ 360,000	\$ 360,000	\$ 360,000
	OutFall-008 Subtotal	\$ 5,010,000	\$ 5,010,000	\$ 5,010,000	\$ 5,010,000	\$ 5,010,000	\$ 5,010,000	\$ 5,010,000
Construction Subtotal	\$ 69,240,000	\$ 60,690,000	\$ 50,530,000	\$ 54,450,000	\$ 49,880,000	\$ 52,250,000	\$ 68,110,000	
Construction Subtotal with 20% Contingency	\$ 83,100,000	\$ 72,830,000	\$ 60,630,000	\$ 65,330,000	\$ 59,850,000	\$ 62,680,000	\$ 75,630,000	
Pre-Design Investigation	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	
Project/Construction Management (11%) and Design (5%)	\$ 13,300,000	\$ 11,650,000	\$ 9,700,000	\$ 10,450,000	\$ 9,580,000	\$ 10,030,000	\$ 7,220,000	
Total Design, Management & Construction with Contingency	\$ 96,600,000	\$ 84,680,000	\$ 70,540,000	\$ 75,980,000	\$ 69,630,000	\$ 72,910,000	\$ 83,050,000	
Annual Inspection (Years 1-5)	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	NA	
Total Cost with Escalation² On-Site Beneficial Reuse (Cost in Year 2022)	\$ 108,720,000	\$ 95,310,000	\$ 79,390,000	\$ 85,520,000	\$ 78,370,000	\$ 82,060,000	NA	
Total Cost with Escalation² Off-Site Disposal Option (Cost in Year 2022)	\$ 142,810,000	\$ 129,400,000	\$ 112,530,000	\$ 116,850,000	\$ 109,700,000	NA	\$ 93,480,000	

Notes: 1. See Appendix E for additional cost information. 2. Escalation calculated using a 3% per year annual construction inflation with assumed midpoint of construction in the year 2022



**Table 7-1
Alternative Ranking
Stratford Army Engine Plant Feasibility Study
Stratford, Connecticut**



Alternative ¹	Protection of Human Health and the Environment	Compliance with ARARs	Long-Term Effectiveness and Performance	Reduction of Toxicity, Mobility, or Volume through Treatment	Short-Term Effectiveness	Implementability	Cost ^{2,3}		Total Ranking	
							On-Site Beneficial Reuse	Off-Site Disposal	On-Site Beneficial Reuse	Off-Site Disposal
<i>Alternative 2</i> Hydraulic Dredge to Hydraulic Transport with Belt Filter Dewatering	●	●	●	◐	⌚ 4-5 Seasons	◐	⌚ \$108.7 M	⌚ \$142.8 M	15	15
Hydraulic Dredge to Hydraulic Transport with Geotube Dewatering	●	●	●	◑	◑ 4-5 Seasons	◐	◑ \$95.3 M	⌚ \$129.4 M	19	18
<i>Alternative 3</i> Mechanical Dredge to Mechanical Transport	●	●	●	◑	◑ 3-4 Seasons	◑	● \$79.4 M	◐ \$112.5 M	25	23
<i>Alternative 4</i> Mechanical Dredge to Hydraulic Transport with Belt Filter Dewatering	●	●	●	◐	◐ 3-4 Seasons	◐	◐ \$85.5 M	◑ \$116.9 M	19	20
Mechanical Dredge to Hydraulic Transport with Geotube Dewatering	●	●	●	◑	◑ 3-4 Seasons	◐	● \$78.4 M	◑ \$109.7 M	24	23
<i>Alternative 5</i> Mechanical Dredge to PFTM Transport On-Site Beneficial Reuse	●	●	●	◑	● 3-4 Seasons	◐	◐ \$82.1 M	NA	21	NA
<i>Alternative 6</i> Mechanical Dredge to Mechanical Transport for Off-Site Process/Disposal	●	●	●	◑	◑ 3-4 Seasons	●	NA	● \$93.5 M	NA	27

Notes:

1. Ranking is for the Alternatives which incorporate both the Tidal Flat and OF-008 Remediation Area
2. Costs are engineer's estimates and are anticipated to be within minus 30% and plus 50% of actual quantities consistent with USEPA feasibility study guidance. High Cost = Low Rank, Lower Costs = High Rank
3. Costs presented are total escalated capital costs to year 2022. See Table 6-3 and Appendix E for additional information.
4. The development of scores for alternatives is by its nature highly subjective; however, it provides a useful framework for categorizing and organizing the performance of various alternatives with respect to the evaluation criteria. Using the 0 to 4 point scale for each criterion, total scores within one point of each other can be considered essentially the same due to the subjective nature of this evaluation. The score itself is not the final decision factor in selecting a remedy. Rather, it helps to identify the major advantages and disadvantages among the alternatives to be discussed as part of the preferred remedy.

Low (0 points)
 Low to Moderate (1 point)
 Moderate (2 points)
 Moderate to High (3 points)
 High (4 points)



United States Army Corps of Engineers, New England District
Stratford Army Engine Plant, Stratford, CT
DRAFT FINAL Focused Feasibility Study

APPENDIX A

Sediment Remediation Endpoints Report



United States Army Corps of Engineers, New England District
Stratford Army Engine Plant, Stratford, CT
DRAFT FINAL Focused Feasibility Study

APPENDIX A-1

Final Sediment Remediation Endpoints Report January 2018

SEDIMENT REMEDIATION ENDPOINTS REPORT

TIDAL FLATS AND OUTFALL 008

for

**Stratford Army Engine Plant
Stratford, Connecticut**

**Contract No.: W912WJ-15-D-003
Task Order No.: 002**

January 10, 2018

Prepared for:



**New England District
U.S. Army Corps of Engineers
696 Virginia Road
Concord MA 01742-2751**

Prepared by:

**Amec Foster Wheeler Environment & Infrastructure, Inc.
511 Congress Street
Portland, Maine 04101**

TABLE OF CONTENTS

1.0	INTRODUCTION.....	1-1
1.1	Description of Sediment Areas.....	1-1
1.2	Background Information	1-2
2.0	SAMPLING, ANALYSIS, AND VALIDATION	2-1
2.1	Sediment Sampling and Analysis Overview.....	2-1
2.1.1	2014 Sediment Samples.....	2-1
2.1.2	2015 Sediment Samples.....	2-2
2.2	Data Validation	2-3
3.0	SEDIMENT ANALYTICAL RESULTS	3-1
3.1	Tidal Flats Sediment Chemistry.....	3-2
3.1.1	Metals Average ERM-Q.....	3-3
3.1.2	Total PCBs.....	3-3
3.1.3	Total Mercury.....	3-4
3.2	Outfall 008 Sediment Chemistry.....	3-5
3.2.1	Metals Average ERM-Q.....	3-5
3.2.2	Total PCBs.....	3-5
3.2.3	Mercury.....	3-5
3.3	Summary of Contamination.....	3-6
3.3.1	Tidal Flats	3-6
3.3.2	Outfall 008	3-6
4.0	PROPOSED SEDIMENT REMEDIATION FOOTPRINT.....	4-1
4.1	Proposed Remedial Footprints and Estimated Removal Volumes for the Tidal Flats Area Sediments	4-1
4.2	Proposed Additional PCB Delineation in the Tidal Flats Area.....	4-3
4.2.1	Outfall-Area PCB Sampling	4-3
4.2.2	Further PCB Delineation.....	4-3
4.3	Proposed Remedial Footprints and Estimated Removal Volumes for Outfall 008 Drainage Ditch Sediments.....	4-3
5.0	REFERENCES.....	5-1

FIGURES

1-1	Facility Location
1-2	Location of Sediment Areas
1-3	Extent of Raymark Waste Adjacent to Outfall 008
2-1	2014 Background/Reference Area Sampling Locations
2-2	2014 and Proposed 2015 Sediment Sampling Locations - Tidal Flats
2-3	2014 and Proposed 2015 Sediment Sampling Locations - Outfall 008
2-4	Sediment Samples Not Collected April 2015 – Tidal Flats
2-5	Sediment Samples Not Collected April 2015 – Outfall 008
3-1	0-1 foot, bgs Sediment Sample Average ERM-Qs – Tidal Flats
3-2	1-2 foot, bgs Sediment Sample Average ERM-Qs – Tidal Flats

Sediment Remediation Endpoints Report
Tidal Flats and Outfall 008
Stratford Army Engine Plant, Stratford, Connecticut

- 3-3 2-3 foot, bgs Sediment Sample Average ERM-Qs – Tidal Flats
- 3-4 3-4 foot, bgs Sediment Sample Average ERM-Qs – Tidal Flats
- 3-5 0-1 foot, bgs Sediment Sample Total PCBs – Tidal Flats
- 3-6 1-2 foot, bgs Sediment Sample Total PCBs – Tidal Flats
- 3-7 2-3 foot, bgs Sediment Sample Total PCBs – Tidal Flats
- 3-8 3-4 foot, bgs Sediment Sample Total PCBs – Tidal Flats
- 3-9 5-6 foot, bgs Sediment Sample Total PCBs – Tidal Flats
- 3-10 7-8 foot, bgs Sediment Sample Total PCBs – Tidal Flats
- 3-11 0-1 foot, bgs Sediment Sample Mercury – Tidal Flats
- 3-12 1-2 foot, bgs Sediment Sample Mercury – Tidal Flats
- 3-13 2-3 foot, bgs Sediment Sample Mercury – Tidal Flats
- 3-14 3-4 foot, bgs Sediment Sample Mercury – Tidal Flats
- 3-15 5-6 foot, bgs Sediment Sample Mercury – Tidal Flats
- 3-16 7-8 foot, bgs Sediment Sample Mercury – Tidal Flats
- 3-17 0-1 foot, bgs Sediment Sample Average ERM-Qs – Outfall 008
- 3-18 1-2 foot, bgs Sediment Sample Average ERM-Qs – Outfall 008
- 3-19 2-3 foot, bgs Sediment Sample Average ERM-Qs – Outfall 008
- 3-20 3-4 foot, bgs Sediment Sample Average ERM-Qs – Outfall 008
- 3-21 0-1 foot, bgs Sediment Sample Total PCBs – Outfall 008
- 3-22 1-2 foot, bgs Sediment Sample Total PCBs – Outfall 008
- 3-23 2-3 foot, bgs Sediment Sample Total PCBs – Outfall 008
- 3-24 3-4 foot, bgs Sediment Sample Total PCBs – Outfall 008
- 3-25 0-1 foot, bgs Sediment Sample Mercury – Outfall 008
- 3-26 2-3 foot, bgs Sediment Sample Mercury – Outfall 008
- 3-27 3-4 foot, bgs Sediment Sample Mercury – Outfall 008

- 4-1 Average ERM-Q Values and Proposed Remedial Footprint, 0-1 ft, bgs – Tidal Flats Area
- 4-2 Average ERM-Q Values and Proposed Remedial Footprint, 1-2 ft, bgs – Tidal Flats Area
- 4-3 Average ERM-Q Values and Proposed Remedial Footprint, 2-3 ft, bgs – Tidal Flats Area
- 4-4 Average ERM-Q Values and Proposed Remedial Footprint, 3-4 ft, bgs – Tidal Flats Area
- 4-5 Average ERM-Q Values, 5-6 ft, bgs – Tidal Flats Area
- 4-6 Average ERM-Q Values, 7-8 ft, bgs – Tidal Flats Area
- 4-7 Total PCBs and Proposed Remedial Footprint, 0-1 ft, bgs – Tidal Flats Area
- 4-8 Total PCBs and Proposed Remedial Footprint, 1-2 ft, bgs – Tidal Flats Area
- 4-9 Total PCBs and Proposed Remedial Footprint, 2-3 ft, bgs – Tidal Flats Area
- 4-10 Total PCBs and Proposed Remedial Footprint, 3-4 ft, bgs – Tidal Flats Area
- 4-11 Total PCBs, 5-6 ft, bgs – Tidal Flats Area
- 4-12 Total PCBs, 7-8 ft, bgs – Tidal Flats Area
- 4-13 Mercury and Proposed Remedial Footprint, 0-1 ft, bgs – Tidal Flats Area
- 4-14 Mercury and Proposed Remedial Footprint, 1-2 ft, bgs – Tidal Flats Area
- 4-15 Mercury and Proposed Remedial Footprint, 2-3 ft, bgs – Tidal Flats Area
- 4-16 Mercury and Proposed Remedial Footprint, 3-4 ft, bgs – Tidal Flats Area
- 4-17 Mercury, 5-6 ft, bgs – Tidal Flats Area
- 4-18 Mercury, 7-8 ft, bgs – Tidal Flats Area
- 4-19 Proposed Remedial Footprint 0-4 ft, bgs - Tidal Flats Area
- 4-20 Proposed Remedial Footprint 0-4 ft, bgs - Outfall 008 Area

TABLES

- 2-1 Sediment Sampling Analytical Matrix
- 3-1 Analytical Results for 2014 and 2015 Sediment Samples
- 3-2 Average ERM-Q Calculated Values

APPENDICES

- A Sediment Sample Field Data Records
 - A-1 2014 Sediment Sample Field Data Records
 - A-2 2015 Sediment Sample Field Data Records
- B Summary of 2015 VibraCore Sediment Sampling
- C Chemist Review Summaries
 - C-1 2014 0-0.5 foot Sediment Sample Chemist Review Summary
 - C-2 2014 1-2 foot Sediment Sample Chemist Review Summary
 - C-3 2015 Sediment Sample Chemist Review Summary
- D 2014 and 2015 Sediment Analytical Results
- E Sediment Sample Grain Size Data
 - E-1 2014 Sediment Sample Grain Size Data
 - E-2 2015 Sediment Sample Grain Size Data
- F CT DEEP Comments and Army Responses
 - F-1 CT DEEP May 17, 2017 Comments and Army Responses
 - F-2 CT DEEP August 9, 2017 Comments and Army Responses

ACRONYMS AND ABBREVIATION

AMEC	AMEC Environment & Infrastructure, Inc.
bgs	below ground surface
COC	chain of custody
CT DEEP	Connecticut Department of Energy and Environmental Protection
CT DOT	Connecticut Department of Transportation
ER-M	effects range - median
ERM-Q	effects range - median quotient
mg/kg	milligrams per kilogram
N/A	not applicable
ND	not detected
NOAA	National Oceanic and Atmospheric Administration
OF8	Outfall 008 Drainage Ditch
PAHs	polynuclear aromatic hydrocarbons
PCB	polychlorinated biphenyl
ppm	parts per million
QC	Quality Control
RCPs	Reasonable Confidence Protocols
REF	Background/Reference Area
SAEP	Stratford Army Engine Plant
SIM	selective ion monitoring
SVOC	semi-volatile organic compound
TF	Tidal Flats
TOC	total organic carbon
USACE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency

1.0 INTRODUCTION

This report presents the results of 2014-2015 sediment chemical characterization, proposed sediment remediation endpoints, and preliminary remediation footprints for the areas known as the Tidal Flats and Outfall 008 at the Stratford Army Engine Plant (SAEP) in Stratford, Connecticut. The location of the SAEP is presented in **Figure 1-1**. The sediment areas of interest are presented in **Figure 1-2**.

1.1 Description of Sediment Areas

The locations of the Background/Reference, the Tidal Flats, and Outfall 008 sediments areas are shown on **Figure 1-2**.

Tidal Flats

The Tidal Flats are classified as estuarine and marine wetlands. The Tidal Flats consist of fine-grained sediments exposed twice daily during low tide. These sediments are mostly un-vegetated, with the northwest portion supporting limited emergent vegetation. A Causeway extends from the upland to the river channel and divides the Tidal Flats into two areas. The Causeway was constructed over the Tidal Flats in 1929 to provide access to the river channel. A stone jetty in the northern portion of the Tidal Flats extends to the river channel and was built in 1932 to divert effluent from the Stratford Water Pollution Control Facility, which is located immediately upstream from the Tidal Flats. Numerous outfalls formerly released liquid waste streams from SAEP industrial operations to the Tidal Flats.

Outfall 008

The Outfall 008 drainage ditch is located at the southern boundary of the site, and was used to discharge treated wastewater associated with metal plating into a drainage ditch that flows to the south. The drainage ditch originates at Outfall 008. It is approximately 10 to 12 feet wide and generally less than 2 feet deep. From Outfall 008 the ditch extends south-southeast a distance of 1,000 feet to a partially collapsed steel culvert which runs underneath a dirt road. The partial collapse of the steel culvert currently limits the tidal fluctuation impacts in the portion of the ditch between the culvert and Outfall 008. From the dirt road, the ditch extends another 110 feet south-southeast, where it intersects a perpendicular ditch. This perpendicular ditch carries runoff from the airport (located to the southwest, across Main Street) to Marine Basin (located 250 feet east of the junction of the Outfall 008 Drainage Ditch and the perpendicular ditch). Water in the perpendicular drainage ditch flows to Marine Basin, which in turn drains to the Housatonic River.

As part of the Connecticut Department of Transportation (CT DOT) Runway Safety Area Project (Re-alignment of CT Route 113, CT DOT Project 15-336), in 2013 parts of the Outfall 008 drainage ditch and a portion of the property adjacent to the ditch were evaluated for the presence of Raymark waste. The investigation determined that Raymark Waste is present adjacent to the Outfall 008 drainage ditch, making it difficult to discern which proportion of metals are attributable to the SAEP facility, and which are attributable to the Raymark waste. **Figure 1-3** presents the

extent of Raymark waste as depicted in the Removal Work Plan for the Raymark Waste (URS Corporation AES, 2014). The Removal Work Plan identifies Raymark wastes at depths up to 8 feet in areas adjacent to the drainage ditch, and states that “RMW (Raymark Waste) extends into the tidal channel”. The delineation of Raymark Waste was not completed along the drainage channel to the north, toward Outfall 008. Review of historical aerial photographs indicates that this area was also filled sometime between 1951 and 1965, and given the presence of Raymark Waste in the fill areas that were investigated, it is possible that the areas to the north that were not investigated also contain Raymark Waste. The excavation of Raymark Waste was conducted in 2015, slightly altering the portion of the Outfall 008 drainage ditch adjacent to the former Raymark Waste.

Background/Reference Area

The Background/Reference Area is located across the Housatonic River from SAEP, in and around the marshy land mass known as Nell’s Island (see **Figure 1-2**). The location of the Background/Reference area has been mutually agreed upon by the Army and CT DEEP, as other potential background/reference areas further upstream in the Housatonic River lacked the finer grained materials present in the Tidal Flats and Outfall 008 sediments.

1.2 Background Information

There have been numerous investigations of the sediments in the Tidal Flats and Outfall 008 areas prior to 2014, and are summarized as follows:

- Sampling of the Tidal Flats and Outfall 008 drainage ditch sediments was conducted by the U.S. Army in 1992, 1994, and 1999 as part of a Remedial Investigation.
- The Connecticut Department of Transportation (CTDOT) also conducted sediment investigations in the Outfall 008 drainage ditch in August 2012.
- Background/reference sediment sampling was conducted in 1994, 1999, 2009, and 2012.

In April 2014, the U.S. Department of the Army issued the Final Work Plan for Determination of Sediment Remediation Endpoints, Tidal Flats and Outfall 008, Stratford Army Engine Plant, Stratford, Connecticut (AMEC, 2014a). This work plan was reviewed by the Connecticut Department of Energy and Environmental Protection (CT DEEP). The Work Plan proposed sediment toxicity testing to assist in developing the remediation endpoint goals for the sediments in question, and laid out the steps for development of the remediation endpoints. The Final Work Plan also presented some of the historical sediment data referenced above. In April and May 2014, additional sediment sampling and toxicity testing were conducted, and in September 2014 the Army issued the Draft Sediment Remediation Endpoints Report for the Tidal Flats and Outfall 008 (AMEC, 2014b). The report presented the results of sediment chemical characterization, toxicity testing results, and proposed sediment remediation endpoints for the Tidal Flats and Outfall 008 areas. The results of the toxicity testing were that toxicity is not definitively linked with a specific chemical present in the sediment. As an alternative to using toxicity test results alone for development of remediation endpoints, the report presented statistical analyses of the data

and proposed using an Effects Range Medium Quotient (ERM-Q) of 1.0 for the metals cadmium, chromium, and copper.

On December 2, 2014, the CT DEEP submitted comments on the Draft Sediment Remediation Endpoints Report (AMEC, 2014b). CT DEEP concluded from their review of the report that toxicity is not definitively linked with a specific chemical, and recommended setting the remedial goal based on multiple chemicals to more accurately describe the chemical quality associated with the non-toxic samples. CT DEEP's recommendations for determining the sediment remediation endpoint goals were as follows:

- Use an average ERM-Q of 0.5 for the eight metals arsenic, cadmium, chromium, copper, lead, nickel, silver, and zinc; an average ERM-Q > 0.5 would require remediation
- Concentrations of mercury and PCBs should generally not be present in post-remedial conditions
- Additional site characterization was needed to refine the area of sediment contamination both at depth within the Tidal Flat and Outfall 008 areas, as well as within surficial and deeper sediments between the eastern edge of the intertidal flats and the Housatonic River.

On February 17, 2015, the U.S. Department of the Army responded to CT DEEP's comments indicating that they agreed to removal of contaminated sediments with average ERM-Qs > 0.5 from the 0-2 foot below ground surface (bgs) interval in both the Tidal Flats and Outfall 008 areas, as well as replacement with CT DEEP-approved backfill.

Following further discussions with CT DEEP, the U.S. Department of the Army issued a memorandum to CT DEEP on March 24, 2015 indicating that they were committed to proceeding with the additional sampling in a timely manner to ensure redevelopment of the SAEP site without further delay.

In April 2015, additional sediment sampling was conducted in the Tidal Flats and Outfall 008 areas, as follows:

- between the Tidal Flats and the margin of the dredged Housatonic River channel,
- at depths greater than 2 feet bgs in the Tidal Flats, and
- at depths greater than 2 feet bgs in the Outfall 008 drainage ditch.

In November 2015, Amec Foster Wheeler was placed under contract to analyze the sediment samples collected in April 2015, and to incorporate the analytical results into a revised version of the Sediment Remediation Endpoints Report. The revised Sediment Remediation Endpoints Report was issued to the Army on July 29, 2016, and to the CT DEEP on March 7, 2017.

On May 17, 2017, the Army received comments from the CT DEEP on the Sediment Remediation Endpoints Report. These comments, and responses from the Army, are included as Appendix F.

Sediment Remediation Endpoints Report
Tidal Flats and Outfall 008
Stratford Army Engine Plant, Stratford, Connecticut

This report presents the sediment data collected in 2014 and 2015 from the Background/Reference Area, the Tidal Flats, and Outfall 008 areas, develops average ERM-Qs for the eight metals, compares the calculated average ERM-Qs for eight metals to a remedial target of 0.5, and evaluates the contamination from total PCBs and mercury, which CT DEEP has requested should generally not be present in post-remediation sediments at concentrations greater than background. Proposed remedial footprints (by depth interval) are also presented. This document is intended to be used in development of a Feasibility Study for removal of the contaminated sediments. Amec Foster Wheeler is currently under contract with the U.S. Army Corps of Engineers – New England District (CENAE) to perform the Feasibility Study.

2.0 SAMPLING, ANALYSIS, AND VALIDATION

Sediment sampling activities were conducted in 2014 and 2015 in the Background/Reference Area (2014 only), the Tidal Flats, and Outfall 008 Drainage Ditch. Sampling activities were conducted in accordance with the Final Work Plan: Determination of Sediment Remediation Endpoints, Tidal Flats and Outfall 008, Stratford Army Engine Plant, Stratford, Connecticut (AMEC, 2014a), except where otherwise noted. The following subsections detail the locations, quantities, and analyses for the program.

2.1 Sediment Sampling and Analysis Overview

2014 actual and 2015 proposed sediment sample locations for the Background/Reference Area, Tidal Flats, and Outfall 008 areas are presented in **Figures 2-1** through **2-3**, respectively. A summary of laboratory analyses performed on each of the samples is provided in **Table 2-1**. Field data records for collection of sediment samples are provided in **Appendix A**.

2.1.1 2014 Sediment Samples

2014 sediment samples were collected for chemical analysis from 110 locations, as follows:

- 24 samples from 24 locations from the Background/Reference Area (Nell's Island).
- 134 samples from 67 locations in the Tidal Flats, and
- 38 samples from 19 locations in the Outfall 008 area.

In late April 2014, sediment samples were collected from the 0-0.5 and the 1-2 foot bgs depth intervals using hand coring techniques. For the 0-0.5-foot depth interval samples, an aliquot of each was analyzed for SVOCs, metals (antimony, arsenic, cadmium, chromium (total), copper, lead, manganese, mercury, nickel, selenium, silver, thallium, and zinc), cyanide (total), PCB homologs, PCB Aroclors, asbestos (chrysotile only), and TOC. A subset of these samples was analyzed for grain size (see **Table 2-1**). Sediment samples collected for chemical analyses were submitted to York Analytical Laboratory, a CT DEEP-approved analytical laboratory located in Stratford, Connecticut.

Sediment samples were also collected from the 1-2 foot depth interval at each sampling location in the Tidal Flats and Outfall 008 areas, submitted to York Analytical Laboratory, and frozen pending results of the 0-0.5 foot bgs depth interval samples. Following preliminary assessment of the 0-0.5 foot depth interval sediment chemistry, it was determined that the 1-2 foot bgs depth interval samples be thawed and analyzed for metals (antimony, arsenic, cadmium, chromium (total), copper, lead, manganese, nickel, selenium, silver, thallium, and zinc), SVOCs, PCB homologs, PCB Aroclors, and TOC. Sediment samples from the 1-2 foot depth interval were frozen upon receipt at the laboratory in late April 2014, and thawed, processed, and analyzed in August 2014. Mercury was not analyzed for in the 1-2 foot bgs samples, as the 0-0.5 foot bgs sample results indicated that mercury was not detected above the reporting limit.

2.1.2 2015 Sediment Samples

To supplement the 2014 data and answer specific questions relative to CT DEEP requests for additional characterization, 2015 sediment samples were collected for chemical analysis from 76 locations, as follows:

- 114 samples from 58 locations in the Tidal Flats, and
- 33 samples from 18 locations in the Outfall 008 area.

Sediment samples were collected using a VibraCore rig mounted on a barge and operated by TGB Marine Services. A summary of coring locations, coordinates, penetration depths, and recovery are presented as **Appendix B**.

Characterization of Sediments between the Tidal Flats and the Housatonic River Channel

Locations of sediment cores with proposed sampling intervals of 0-1, 1-2, and 2-4 foot bgs collected between the Tidal Flats and the margin of the dredged Housatonic River channel (as defined by dredging activities of the USACE in 2012), are presented on **Figure 2-2** as blue diamonds. For each of the 2-4 foot sample intervals, the 2-3 foot interval and the 3-4 foot interval samples were held by the laboratory for potential future analysis pending results of the shallower sample intervals. Based on analytical results from shallower intervals indicating either average ERM-Q values for the eight metals > 0.5 or PCBs > 1 ppm, a subset of the 2-3 foot and 3-4 foot interval samples were taken off hold and analyzed by the laboratory.

Several proposed sediment samples could not be collected, after multiple attempts, due to refusal of the coring device on coarse gravel and rocks, shell fragments, or peat/vegetative matter (see **Appendix B**). The locations of the samples that could not be collected are presented on **Figure 2-4**.

Sediment samples were analyzed for arsenic, cadmium, chromium, copper, lead, mercury, nickel, silver, zinc and PCBs (Aroclors and homologs).

Characterization of Sediments Greater than 2 feet, bgs - Tidal Flats

Within the Tidal Flats, additional sediment samples were collected from 2-4 feet bgs at a lower density than samples collected in 2014 from the 0-2 foot bgs interval. Specifically, the areas previously proposed for remediation in the 1-2 foot bgs interval in the Tidal Flats were sampled to evaluate sediment chemistry at depths greater than 2 feet bgs. The proposed locations of these sediment samples are represented as yellow pentagons on **Figure 2-2**. For each of the 2-4 foot bgs sample intervals collected, the 2-3 foot bgs sample interval was analyzed, and the 3-4 foot bgs sample interval was held by the laboratory for future analysis pending results of the shallower interval. Based on analytical results from shallower intervals indicating either average ERM-Q values for the eight metals > 0.5, or PCBs > 1 ppm, a subset of the 2-3 foot and 3-4 foot interval samples were taken off hold and analyzed by the laboratory. Sediment samples were analyzed

for arsenic, cadmium, chromium, copper, lead, mercury, nickel, silver, zinc and PCBs (Aroclors and homologs).

In addition, sediment cores were collected near the former wastewater outfalls in the Tidal Flats, at intervals of 3-4, 5-6, and 7-8 feet bgs (see **Figure 2-2**). These samples were analyzed for arsenic, cadmium, chromium, copper, lead, mercury, nickel, silver, zinc and PCBs (Aroclors and homologs).

Several proposed sediment samples could not be collected, after multiple attempts, due to refusal of the coring device on dense material, poor recovery, or peat/vegetative matter (see **Appendix B**). The locations of the samples that could not be collected are presented on **Figure 2-4**.

Characterization of Sediments Greater than 2 feet, bgs – Outfall 008

Within the Outfall 008 area, additional sediment samples were collected from the 2-4 feet, bgs interval along the entire portion of the drainage ditch, as presented in **Figure 2-3**. For each of the 2-4 foot sample intervals, the 2-3 foot interval was analyzed and the 3-4 foot sample interval was held by the laboratory for potential future analysis pending results of the shallower interval. The majority of 3-4 foot interval samples were analyzed by the laboratory. Sediment samples were analyzed for arsenic, cadmium, chromium, copper, lead, mercury, nickel, silver, zinc, asbestos, and PCBs (Aroclors and homologs).

Several proposed sediment samples could not be collected, after multiple attempts, due to poor recovery and/or samples consisting primarily of peat. The samples that could not be collected are presented on **Figure 2-45**.

Additional Sediment Sample Analyses Requested by USACE

In addition to the analyses referenced above, the U.S. Army Corps of Engineers (USACE) New England District requested that certain samples collected in 2015 also be analyzed for PCB congeners, PAHs, and TOC. The last three columns in **Table 2-1** indicate the 2015 samples selected for these analyses.

2.2 Data Validation

A chemist review was completed for all laboratory analyses to evaluate data quality in support of the CT DEEP Reasonable Confidence Protocols (RCPs). Data quality evaluations were completed using quality control (QC) limits specified by the CTDEEP RCPs and York Analytical Laboratory. If data quality issues were identified during the review, results were qualified in the final data set and interpretations on data biases provided. Data qualifications were completed using the professional judgment of the validation chemist and general procedures specified in Region I EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (USEPA, 1996). Chemist review summaries for the 2014 sediment 0-0.5 foot and 1-2 foot sample analyses can be found in **Appendices C-1** and **C-2**, respectively. Chemist review summary of the 2015 sediment sample analyses is presented in **Appendix C-3**.

3.0 SEDIMENT ANALYTICAL RESULTS

The following subsections present a summary of sediment analytical results for the Background/Reference Area, Tidal Flats, and Outfall 008 drainage area. The focus of the analytical discussions in this section are primarily on 1) calculated average ERM-Q values for the eight metals arsenic, cadmium, chromium, copper, lead, mercury, nickel, silver, zinc, 2) total PCBs, and 3) mercury. Locations of sediment samples are presented in **Figures 2-1** through **2-3**. Detected analytes in sediment samples for each of the three areas are presented in **Table 3-1**. Complete analytical results for sediments collected during the 2014 and 2015 field programs are presented in **Appendix D**. Grain size data for 2014 and 2015 sediment samples can be found in **Appendix E**. Analytical results for sediment samples collected at the SAEP prior to April 2014 (i.e., the 2-4 foot bgs depth interval) can be found in Appendix A of the Final Work Plan (AMEC, 2014a).

The average ERM-Q for the eight metals for each sample was calculated as follows:

- dividing the actual sediment metal concentration (for non-detects, the detection limit numeric value was used) at each sample location by the published Effects Range-Medium (ER-M) value (Long, et al. 1995) for the metal; and
- calculating the average of the ER-M ratios for the eight metals at each sample location to derive an average ERM-Q for that sample.

As an example, the following table provides the data and ERM-Q calculations for each metal, as well as the average of the ERM-Q for the 8 metals for sample SD14TFA100FS:

Metal	Concentration (mg/kg)	ER-M Value	Individual Metal ERM-Q*
Arsenic	5.82	70	0.08
Cadmium	1.8	9.6	0.19
Chromium	227	370	0.61
Copper	440	270	1.63
Lead	47.5	218	0.22
Nickel	26.5	51.6	0.51
Silver	1.94	3.7	0.52
Zinc	197	410	0.48
Average ERM-Q for 8 Metals:			0.53

* - calculated by dividing concentration of the metal by the ER-M value

The values of the individual metals concentrations for each sample, the ER-M value for each of the eight metals, and the calculated average ERM-Q for each sample are presented in **Table 3-2**.

For the majority of sediment samples collected in 2014 and 2015, both homolog and Aroclor PCB analyses were conducted. The discussions of PCB contamination below incorporate both total homolog and total Aroclor results.

3.1 Background/Reference Area Sediment Chemistry

The locations of Background/Reference Area sediment samples collected in April-May 2014 are presented in **Figure 2-1**. **Table 2-1** presents the analytical methods used for each of the samples. Analytes detected in Background/Reference Area samples are presented in **Table 3-1**. The following paragraphs present a summary by chemical class of the analytes detected in these samples.

PCBs

The only PCB Aroclor detected in the Background/Reference Area sediment samples was Aroclor 1016, at locations SD2014-REF-18 and SD2014-REF-US001A, at concentrations of 0.066 mg/kg and 0.114 mg/kg, respectively (see **Table 3-1**). PCB homologs were not detected in Background/Reference Area sediment samples.

Metals

Metals detected in the Background/Reference Area sediments are arsenic, chromium, copper, lead, manganese, nickel, and zinc (see **Table 3-1**). Cyanide, antimony, cadmium, selenium, and silver were not detected in Background/Reference Area samples. Average ERM-Q values for the eight metals in the Background/Reference area sediments range from 0.07 to 0.25.

PAHs

Polynuclear aromatic hydrocarbons (PAHs) were detected in all Background/Reference Area sediment samples analyzed for SVOCs, and include the analytes acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(ghi)perylene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, and pyrene.

TOC

TOC values in Background/Reference Area sediment samples ranged from 1,770 mg/kg to 21,800 mg/kg.

3.2 Tidal Flats Sediment Chemistry

Sediments in the Tidal Flats contain metals, PCBs, and PAHs at concentrations exceeding those in reference locations (AMEC, 2014b). The distribution patterns of these analytes vary, but they are generally found at higher concentrations adjacent to the Dike near the former wastewater outfalls. In general, the concentrations of these analytes are highest in the 0-0.5 foot, below ground surface (bgs) interval, and generally decrease to concentrations equivalent to background at depths greater than 2 feet bgs. Exceptions to this trend are noted in the discussions below.

3.2.1 Metals Average ERM-Q

As indicated above, the focus of this subsection is to discuss the results of the calculated average ERM-Q values relative to the remedial target of 0.5. The calculated average ERM-Q values for each sample are presented in **Table 3-2**, and plotted on **Figures 3-1** through **3-4**, for the depth intervals from 0-1, 1-2, 2-3, and 3-4 feet bgs, respectively.

For the Tidal Flats the 0-1 foot, bgs interval, average ERM-Q values range from 0.05 to 2.55 (**Figure 3-1**). Most the 0-1 foot bgs interval in the Tidal Flats has average ERM-Qs > 0.5, with the highest values located near the outfalls along the Dike. Areas outside the immediate perimeter of the Causeway and bordering the Housatonic River Channel have average ERM-Qs < 0.5.

In the 1-2 foot bgs interval, average ERM-Q values are generally lower than the 0-1 foot bgs interval, and range from 0.06 to 3.85 (**Figure 3-2**). Less than half of the Tidal Flats area has average ERM-Q values > 0.5. The highest average ERM-Q values are near the outfalls along the western portion of the Dike, and adjacent to the breakwater along the Housatonic River.

average ERM-Q values in the 2-3 foot bgs interval are generally lower than the 1-2 foot bgs interval, and range from 0.06 to 2.44 (**Figure 3-3**). average ERM-Q values > 0.5 are limited to the tip of the Causeway and the eastern end of the breakwater along the Housatonic River. The locations where average ERM-Q values exceed 0.5 would appear to indicate a source of metals contamination different than that of the outfalls along the Dike, except for location SD2014-TF-LF3 (see **Figure 3-3**).

average ERM-Q values in the 3-4 foot bgs interval are generally consistent with the 2-3 foot bgs interval, and range from 0.06 to 2.14 (**Figure 3-4**). Like the 2-3 foot bgs interval, the average ERM-Q values > 0.5 are limited to the tip of the Causeway and the eastern end of the breakwater along the Housatonic River. Again, the locations where average ERM-Q values exceed 0.5 would appear to indicate a source of metals contamination different than that of the outfalls along the Dike, as evidenced by average ERM-Q values < 0.5 adjacent to the outfalls along the western portion of the Dike (see **Figure 3-4**). The exceptions being the locations SD2014-TF-LF3 and SD2015-TF-H1 (see **Figure 3-4**).

average ERM-Qs for the 5-6 and 7-8 foot bgs sample intervals, limited to areas adjacent to the outfalls along the Dike, were all less than 0.5, and ranged from 0.11 to 0.27 (see **Table 3-1**).

3.2.2 Total PCBs

For the 0-1 foot bgs interval of the Tidal Flats sediments, total PCBs exceed 1.0 ppm in two samples adjacent to Dike outfalls, and two samples on the western edge of the Causeway (**Figure 3-5**). These locations are coincident with average ERM-Q values > 0.5.

Total PCBs in the 1-2 foot bgs interval are all < 1.0 ppm (**Figure 3-6**). Detectable PCBs are limited to three outfalls along the Dike, the tip of the Causeway, and the breakwater along the Housatonic River, which is generally consistent with average ERM-Q values > 0.5 in the same depth interval (**Figure 3-2**). Again, like the EMR-Q values, the locations where detectable PCBs

were found (tip of Causeway and the breakwater) would appear to indicate a source of PCB contamination different than that of the outfalls along the Dike.

In the 2-3 foot bgs interval, Total PCB concentrations exceed 1.0 ppm to the west of the tip of the Causeway (locations SD2014-TF-G5 and SD2014-TF-GH5) and at location SD2014-TF-L3 (**Figure 3-7**). Like the 1-2 foot bgs interval, the detections of PCBs were limited to the outer fringes of the Tidal Flats. PCBs were not detected at the outfall locations along the Dike.

Total PCBs detected in the 3-4 foot bgs interval were evident along the Dike at several of the outfalls, the outer fringes of the Tidal Flats, and at location SD2014-TF-L3 (**Figure 3-8**). The lone location with a total PCB concentration > 1.0 ppm was SD2015-TF-GH12 adjacent to outfall OF-005.

Analysis of total PCBs in the 5-6 and 7-8 foot bgs sample intervals, limited to areas adjacent to the outfalls along the Dike, indicated detections at only one location (SD2015-TF-D0) in both sample intervals (**Figures 3-9 and 3-10**). Total PCB concentrations exceeded 1.0 ppm in the 7-8 foot bgs sample interval (see **Figure 3-10**).

3.2.3 Total Mercury

For the 0-1 foot bgs interval of the Tidal Flats sediments, total mercury was detected only in sediments at the outer fringes of the Tidal Flats (**Figure 3-11**). Concentrations of detectable total mercury ranged from 0.06 to 0.57 ppm. The detections of total mercury were limited to the outer fringes of the Tidal Flats, and suggest that the outfalls may not be the source of detected total mercury in the 0-1 foot bgs interval.

The number of samples analyzed for mercury in the 1-2 foot depth interval is limited to the outer fringes of the Tidal Flats, as 2014 sediment samples from this interval were not analyzed for total mercury. The samples in which total mercury was detected indicated concentrations ranging from 0.05 to 0.58 ppm (**Figure 3-12**).

For the 2-3 foot bgs sample interval, total mercury was detected at concentrations exceeding 3.0 ppm in the outer fringes of the Tidal Flats, near the tip of the Causeway and along the eastern end of the breakwater (**Figure 3-13**). The samples in which mercury was detected indicated concentrations ranging from 0.12 to 3.64 ppm. The distribution, and the lack of detectable total mercury near the outfalls, again indicates a potential source of sediment contamination from sources not associated with the SAEP facility.

Total mercury detected in the 3-4 foot bgs sample interval indicates concentrations ranging from 0.08 to 8.17 ppm, with the highest concentrations near outfalls OF-005 and OF-006, in addition to isolated locations along the breakwater, at the tip of the Causeway, and at location SD2014-TF-L3 (**Figure 3-14**).

Analysis of total mercury in the 5-6 foot bgs sample interval, limited to areas adjacent to the outfalls along the Dike, indicated detections at only two locations adjacent to outfalls OF-001 and OF-006, at concentrations < 0.3 ppm (**Figure 3-15**). Total mercury was not detected in the 7-8 foot bgs sample interval (**Figure 3-16**).

3.3 Outfall 008 Sediment Chemistry

Sediments in the Outfall 008 Drainage Ditch contain metals and PCBs at concentrations greater than Background/Reference locations (AMEC, 2014b). Concentrations of cadmium, chromium, copper, lead, nickel, silver, and zinc detected in sediment samples were all above Background/Reference location sample concentrations. In 2015, CT DOT remediated and restored the areas of Raymark Waste adjacent to the Outfall 008 drainage ditches. The restoration of these areas appears to have slightly altered the drainage ditches. Therefore, the concentrations of metals and PCBs in the shallower (i.e., 0-1 and 1-2 foot bgs) sample intervals (collected spring 2014) may not represent current conditions in these sections of the drainage ditch. The 2-3 and 3-4 foot bgs samples (collected in April 2015) are likely still representative of current conditions.

3.3.1 Metals Average ERM-Q

As indicated above, the focus of this subsection is to discuss the results of the calculated average ERM-Q values relative to the remedial target of 0.5. The calculated average ERM-Q values for each sample are presented in **Table 3-2**, and plotted on **Figures 3-17** through **3-20**, for the depth intervals from 0-1, 1-2, 2-3, and 3-4 feet bgs, respectively.

For the Outfall 008 drainage ditch the clear majority of samples from the 0-1, 1-2, 2-3, and 3-4 foot bgs samples have calculated average ERM-Q values exceeding 0.5 (**Figures 3-17 through 3-20**). However, the extent of metals average ERM-Q values > 0.5 does decrease in the 3-4 foot bgs interval.

3.3.2 Total PCBs

For the 0-1 and 1-2 foot bgs sediment sample intervals in the Outfall 008 drainage, concentrations of total PCBs were < 1.0 ppm (**Figures 3-21** and **3-22**).

Total PCBs in the 2-3 foot bgs interval were detected at concentrations > 1.0 ppm in the majority of the samples, with the exception of the first 250 feet east from the outfall OF-008. (**Figure 3-23**).

In the 3-4 foot bgs interval, the extent of total PCBs with concentrations > 1.0 ppm is much less than the 2-3 foot bgs interval, with only four sample locations in the eastern portion of the drainage exhibiting concentrations > 1.0 ppm (see **Figure 3-24**).

3.3.3 Mercury

For the 0-1 foot bgs interval of the Outfall 008 drainage area sediments, mercury was not detected (**Figure 3-25**). 1-2 foot bgs sediment samples collected in 2014 were not analyzed for mercury (see **Table 2-1**).

For the 2-3 and 3-4 foot bgs sample intervals, mercury was detected in over half the samples at concentrations less than the proposed background value of 0.55 ppm, with only one location in each interval having a concentration marginally exceeding 0.55 ppm (**Figures 3-26** and **3-27**).

3.4 Summary of Contamination

The following subsections present a summary of detected contaminants in sediment for the Tidal Flats and Outfall 008 areas.

3.4.1 Tidal Flats

The data indicate a general decrease in metals and PCB concentrations with depth, with the exception being the area around the tip of the Causeway, as well as the outer fringes of the Tidal Flats adjacent to the breakwater and toward the Housatonic River channel. The additional data collected at the outer limits of the Tidal Flats support prior interpretations that there may be a source(s) of contamination, which are not associated with the SAEP facility, transported to the Tidal Flats by the Housatonic River. This interpretation is supported by average ERM-Q of metals, total PCB, and mercury distributions in the 2-3 and 3-4 foot bgs sample intervals.

Total PCBs exceeding 1.0 ppm, and mercury concentrations greater than the proposed background value of 0.55 ppm, are generally co-located with samples having an average ERM-Q > 0.5.

The 5-6 and 7-8 foot bgs figures indicate no criteria exceeded, with the exception of a 7-8 foot bgs Total PCB concentration > 1.0 ppm along the Dike near outfalls OF-002 & OF-003.

3.4.2 Outfall 008

average ERM-Q values generally exceed 0.5 along the entire length of the drainage area ditches between 0 and 4 feet bgs, with few exceptions.

Concentrations of total PCBs and mercury in the 0-1 and 1-2 foot bgs intervals are generally non-detect or less than 1.0 ppm and 0.55 ppm, respectively. In the 2-3 and 3-4 foot bgs sample intervals, the concentrations of total PCBs increase, and are present at concentrations > 1.0 ppm. Mercury concentrations in the sediments of the ditch from the 2-3 and 3-4 foot bgs intervals are less than the proposed background value of 0.55 ppm, with the exception of one sample in each of the intervals at a concentration of 0.77 ppm each (see **Figures 3-26** and **3-27**).

In the summer of 2015, the CT DOT excavated the Raymark Waste adjacent to the Outfall 008 Drainage Ditch (see **Figure 1-3**), slightly altering the drainage ditch sections adjacent to the former waste. Because of the partial excavation and restoration of these sections of the drainage ditch, the results of the 2014 0-2 feet bgs sediment samples may no longer be representative of actual conditions in these sections of the drainage ditch.

4.0 PROPOSED SEDIMENT REMEDIATION FOOTPRINT

The following sections present proposed remedial footprints and estimated volumes of sediment to be removed from the Tidal Flats Area and Outfall 008 Drainage Ditch. In addition, proposed additional investigations of the Tidal Flats Area are presented.

4.1 Proposed Remedial Footprints and Estimated Removal Volumes for the Tidal Flats Area Sediments

To determine the remedial footprint for the Tidal Flats area, historic data for the period 1992-2015 were plotted on figures by depth interval. Sample locations with an average ERM-Q value greater than or equal to 0.5 were considered to require remediation. For each depth interval, interpolated areas of sediments with average ERM-Q values greater than or equal to 0.5 were drawn. **Figures 4-1 through 4-6** present the sediment average ERM-Q values and an interpolated remedial footprint for the depth intervals 0-1, 1-2, 2-3, 3-4, 5-6, and 7-8 feet bgs, respectively. As indicated in the figures, partial remediation of sediments in the 0-1, 1-2, 2-3, and 3-4 foot bgs depth intervals is proposed. Currently no remediation is proposed below 4 feet bgs, as there are no average ERM-Q values > 0.5; however, additional proposed investigations are discussed below which may result in remediation below 4 feet bgs.

The historical total PCBs (both Aroclors and Homologs) data were plotted by depth interval to evaluate total PCB concentrations relative to the average ERM-Q based remedial footprint. **Figures 4-7 through 4-12** present the total PCB concentrations, as well as the average ERM-Q based remedial footprint, for the depth intervals 0-1, 1-2, 2-3, 3-4, 5-6, and 7-8 feet bgs, respectively. The following bullets present a summary by depth interval of the evaluation of total PCB concentrations relative to the average ERM-Q based remedial footprints:

- 0-1 foot bgs: Samples with total PCB concentrations > 0.5 ppm fall within the average ERM-Q remedial footprint. The sample at grid location G6 with a total PCB concentration of 0.29 ppm was not included in the remedial footprint (see **Appendix F** for rationale).
- 1-2 feet bgs: Samples with total PCB concentrations > 0.2 ppm fall within the average ERM-Q remedial footprint. The exception is sample SD15TFG601FS at grid location G6 with a total PCB concentration of 0.26 ppm (see **Appendix F** for rationale).
- 2-3 feet bgs: Samples with total PCB concentrations > 0.2 ppm fall within the average ERM-Q remedial footprint. The exception is sample SD15TFG602FS at grid location G6 with a total PCB concentration of 0.53 ppm (see **Appendix F** for rationale).
- 3-4 feet bgs: Samples with total PCB concentrations > 0.2 ppm fall within the average ERM-Q remedial footprint.
- 5-6 feet bgs: There are no samples in this depth interval with total PCB concentrations > 0.15 ppm.
- 7-8 feet bgs: Except for one sample at grid location D0, there are no samples in this depth interval with detectable PCB concentrations. The detection of total PCBs at location D0

up to 3.32 ppm has led to the Army proposing further delineation of sediments near the facility discharge outfalls in the 4-8 foot bgs depth interval (see **Appendix F**). The proposed additional sampling is presented in Section 4.2.

The historical mercury data were plotted by depth interval to evaluate mercury concentrations relative to the average ERM-Q based remedial footprint. **Figures 4-13** through **4-18** present the mercury concentrations, as well as the average ERM-Q based remedial footprint, for the depth intervals 0-1, 1-2, 2-3, 3-4, 5-6, and 7-8 feet bgs, respectively. The following bullets present a summary by depth interval of the evaluation of mercury concentrations relative to the average ERM-Q based remedial footprints:

- **0-1 foot bgs (Figure 4-13):** Samples with mercury concentrations greater than the proposed background concentration of 0.4 ppm fall within the average ERM-Q remedial footprint. The highest mercury concentration in samples outside the proposed remedial footprint is 0.38 ppm.
- **1-2 foot bgs (Figure 4-14):** Samples with mercury concentrations greater than the proposed background concentration of 0.4 ppm fall within the average ERM-Q remedial footprint, with two exceptions. The samples SD15TFG601FS, SDTB007B, and SDTC007B with total mercury concentrations of 0.58, 0.53, and 0.64 ppm, respectively, are not included in the remedial footprint (see **Appendix F** for rationale for exclusion of sample location SD15TFG601FS).
- **2-3 foot bgs (Figure 4-15):** Samples with total mercury concentrations greater than the proposed background concentration of 0.4 ppm fall within the average ERM-Q remedial footprint, with two exceptions. The samples SD15TFG602FS and TA4 (2-4 foot bgs) with total mercury concentrations of 0.64 and 0.7 ppm, respectively, are not included in the remedial footprint.
- **3-4 foot bgs (Figure 4-16):** Samples with mercury concentrations greater than the proposed background concentration of 0.4 ppm fall within the average ERM-Q remedial footprint, with one exception. Sample TA4 (2-4 foot bgs) with a total mercury concentration of 0.7, respectively, is not included in the remedial footprint.
- **5-6 foot bgs (Figure 4-17):** Mercury concentrations in this depth interval are less than 0.25 ppm.
- **7-8 foot bgs (Figure 4-18):** Mercury concentrations in this depth interval are less than the proposed background concentration of 0.4 ppm.

Figure 4-19 presents the proposed remedial footprint for Tidal Flats Area sediments based on the discussions above. The following table presents a summary of the estimated volume of sediments proposed for removal from the Tidal Flats Area:

Depth Interval	Area (square feet)	Volume (cubic yards)
0-1 ft	1,965,888	72,811
1-2 ft	1,143,248	42,343

Depth Interval	Area (square feet)	Volume (cubic yards)
2-3 ft	388,341	14,383
3-4 ft	270,903	10,033
Total (0-4 ft)	3,768,330	139,570

4.2 Proposed Additional PCB Delineation in the Tidal Flats Area

Additional sampling of sediments within the Tidal Flats area is required to:

- 1) delineate Total PCB concentrations at depths between 4 and 8 feet bgs at selected facility discharge outfalls, and
- 2) delineate more definitively the total PCB concentrations greater than or equal to 50 ppm in the 0-2 foot depth interval.

These proposed investigations are discussed briefly below. The details regarding the investigations will be presented in a Field Sampling Plan to be issued by the Army in early June 2017.

4.2.1 Outfall-Area PCB Sampling

Sediment samples near Outfalls 001, 002, 003, 004, and 007, will be proposed for the depth intervals 4-5', 5-6', 6-7', and 7-8'. The purpose of these samples is to evaluate PCB concentrations at depth around outfall locations, which are suspected sources of PCBs to the Tidal Flats. The Army agreed to conduct additional sampling at these locations in response to CT DEEP's May 17, 2017 comments on the Sediment Remediation Endpoints Report (see **Appendix F**). The Army has proposed that if total PCB concentrations of any sample exceeds 1 ppm, then the sediment within the depth interval out to a radius of 50 feet from the sample will be included in the remedial action.

4.2.2 Further PCB Delineation

The USEPA Region 1 has requested additional delineation of total PCBs greater than or equal to 50 ppm currently identified in the 0-2 foot depth interval of the Tidal Flats sediments. The Army will collect additional samples in consultation with USEPA at these PCB locations.

4.3 Proposed Remedial Footprints and Estimated Removal Volumes for Outfall 008 Drainage Ditch Sediments

As discussed on the May 22, 2017 conference call with CT DEEP, the Army agreed to remediate the entire length of the Outfall 008 drainage ditch (inclusive of the "T" section extending to Route 113 to the southwest and Marine Basin to the northeast) to a depth of 4 feet bgs. The proposed remedial footprint for the 0-4 foot depth interval is depicted in **Figure 4-20**. The following table

Sediment Remediation Endpoints Report
Tidal Flats and Outfall 008
Stratford Army Engine Plant, Stratford, Connecticut

presents the estimated volume of sediments proposed for removal from the Outfall 008 Drainage Ditch:

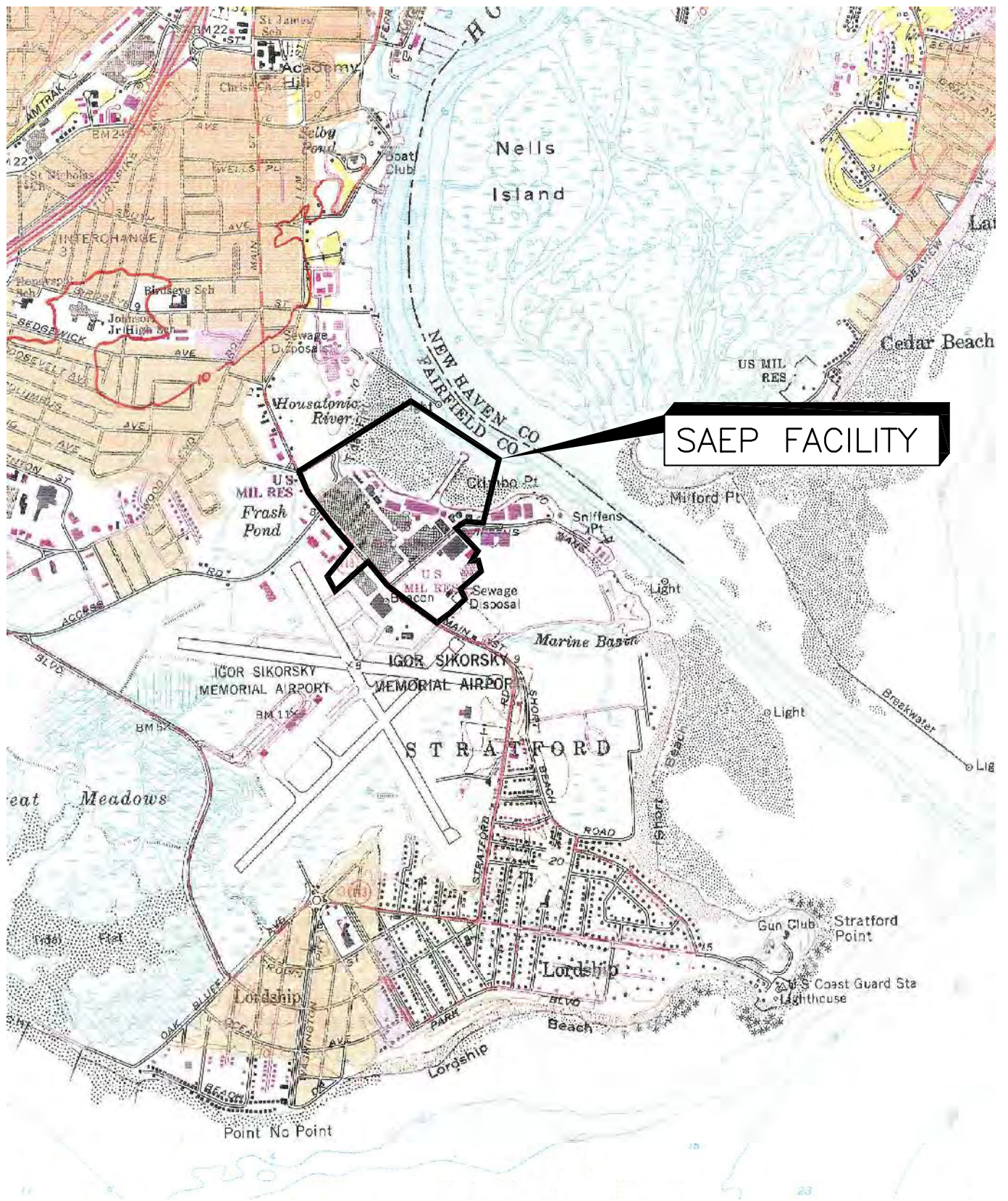
Depth Interval	Area (square feet)	Volume (cubic yards)
0-1 ft	138,923	1,275
1-2 ft	138,923	1,275
2-3 ft	138,923	1,275
3-4 ft	138,923	1,275
Total (0-4 ft)	555,692	5,170

5.0 REFERENCES

- ACSIM, 2004. Final Remedial Investigation Report, Stratford Army Engine Plant, Stratford, CT. Prepared for the U.S. Army. September, 2004.
- AMEC, 2014a. Final Work Plan: Determination of Sediment Remediation Endpoints, Tidal Flats and Outfall 008, Stratford Army Engine Plant, Stratford, CT. April 16, 2014.
- AMEC, 2014b. Draft Sediment Remediation Endpoints Report, Tidal Flats and Outfall 008, Stratford Army Engine Plant, Stratford, CT. September 26, 2014.
- Long, E.R. and L.G. Morgan, 1990. The Potential for Biological Effects of Sediment Sorbed Contaminants Tested in the National Status and Trends program. NOAA Technical Memorandum NOS OMA 52, Seattle, WA 175 pp & appendices
- URS Corporation AES, 2014. Removal Work Plan for the Time Critical Removal Action, Airport Property Portion of Operable Unit 6, Raymark Industries, Inc., Superfund Site, To Be Undertaken as Part of the Safety Improvements to Include Re-Alignment of Main Street (CT Rte. 113), CT DOT Project No. 15-336, Stratford, CT. URS Project No. 36938969. February 28, 2014.
- USEPA, 1996. Region I EPA – New England Data Validation Functional Guidelines for Evaluating Environmental Analyses. July 1996, Revised December 1996.

FIGURES

FIGURES



SAEP FACILITY

PREPARED:	DRP
CHECKED:	DRB

MAP SOURCE:

FROM BRIDGEPORT & MILFORD, CT. USGS QUADRANGLE MAP, 1970 & 1960, PHOTOREVISED 1984. REVISED FROM: URS Greiner Woodward Clyde - WAYNE, NEW JERSEY. DATED MARCH 2, 2000.



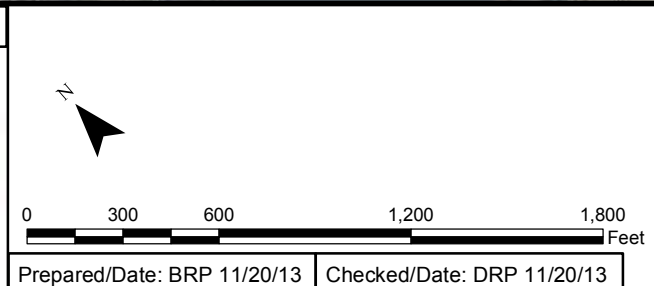
**FIGURE 1-1
FACILITY LOCATION**

**STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**





LEGEND



Prepared/Date: BRP 11/20/13 Checked/Date: DRP 11/20/13

Figure 1-2
Location of Sediment Areas

Stratford Army Engine Plant
Stratford, Connecticut

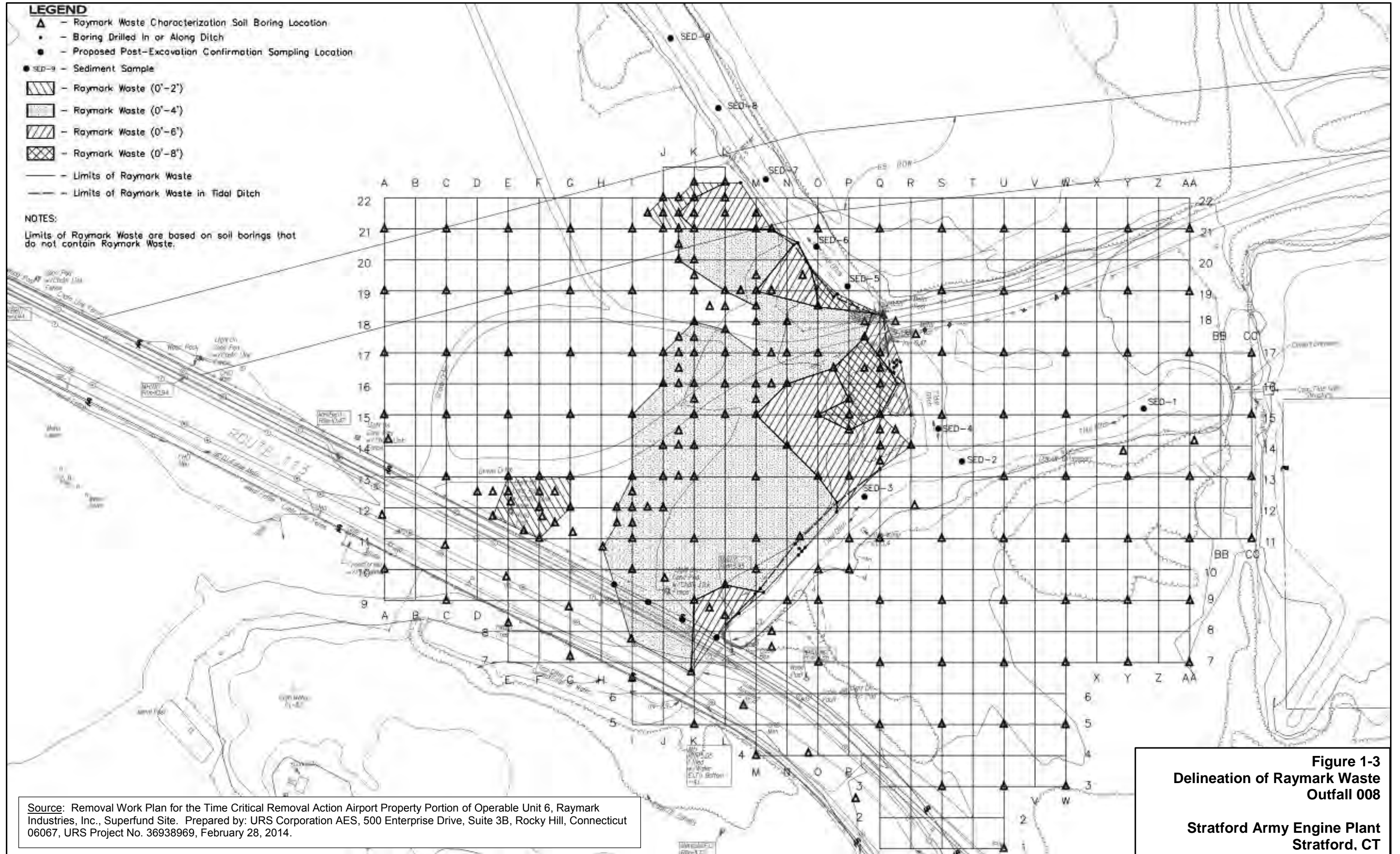


LEGEND

- ▲ - Raymark Waste Characterization Soil Boring Location
- - Boring Drilled In or Along Ditch
- - Proposed Post-Excavation Confirmation Sampling Location
- SED-9 - Sediment Sample
- ▨ - Raymark Waste (0'-2')
- ▩ - Raymark Waste (0'-4')
- ▧ - Raymark Waste (0'-6')
- ▦ - Raymark Waste (0'-8')
- - Limits of Raymark Waste
- - Limits of Raymark Waste in Tidal Ditch

NOTES:

Limits of Raymark Waste are based on soil borings that do not contain Raymark Waste.



Source: Removal Work Plan for the Time Critical Removal Action Airport Property Portion of Operable Unit 6, Raymark Industries, Inc., Superfund Site. Prepared by: URS Corporation AES, 500 Enterprise Drive, Suite 3B, Rocky Hill, Connecticut 06067, URS Project No. 36938969, February 28, 2014.

**Figure 1-3
Delineation of Raymark Waste
Outfall 008**

**Stratford Army Engine Plant
Stratford, CT**



LEGEND
 ▲ 2014 Background Sediment Sample Locations



Index map

2014 Aerial Imagery
 USDA National Agriculture
 Imagery Program

N

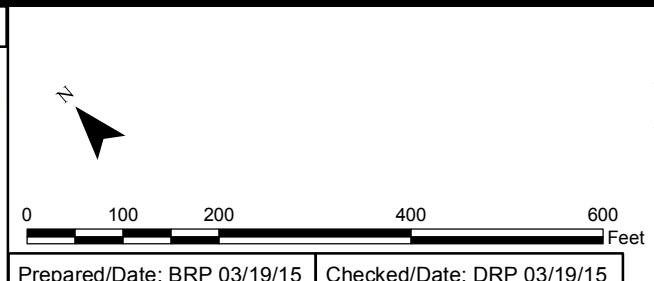
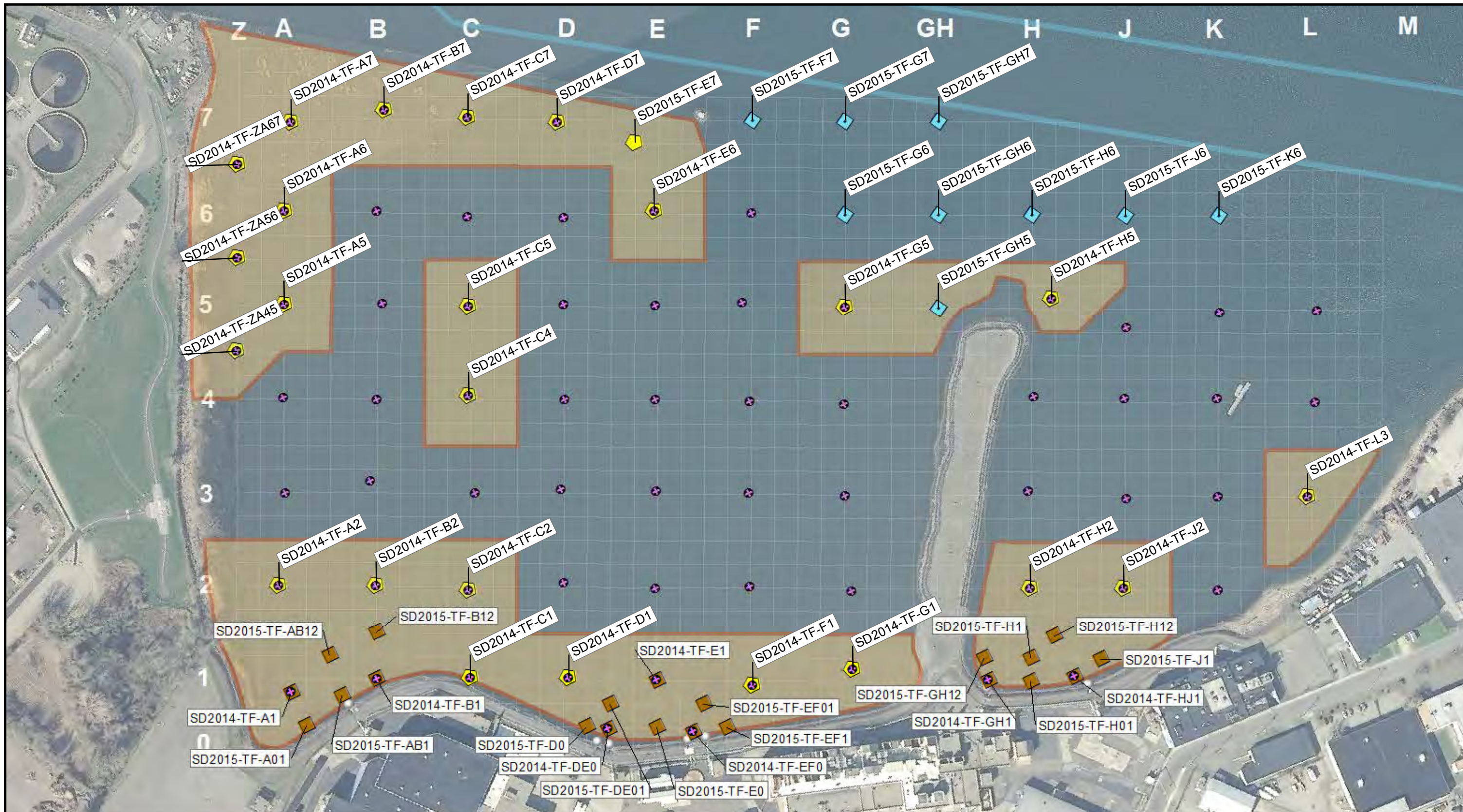
0 100 200 400 600
 Feet

Prepared/Date: DRP 04/17/17 Checked/Date: RP 14Jun2017

Figure 2-1
 2014 Background/Reference Area Sampling Locations
 Nells Island

Stratford Army Engine Plant
 Stratford, Connecticut



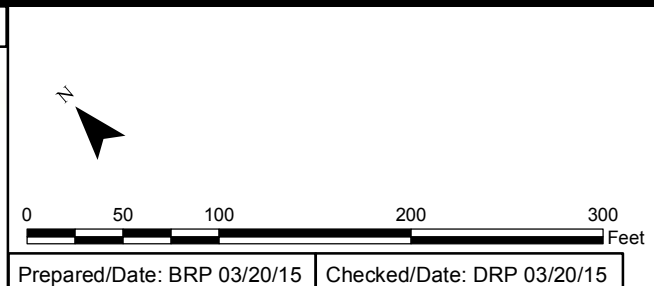


- LEGEND**
- ◆ 0-1', 1-2', and 2-4' Proposed Sediment Sample
 - ◆ 2-4' Proposed Sediment Sample
 - ◆ 2-4', 4-6', and 6-8' Proposed Sediment Samples
 - + 0-2' Sed Sample Locations (2014)
 - Outfall Locations
 - Margins of Dredged Housatonic River Channel
 - Proposed Remedial Limits 1-2' 8 Metals ERM-Q > 0.50

Prepared/Date: BRP 03/19/15 Checked/Date: DRP 03/19/15

Figure 2-2
2014 and Proposed 2015 Sediment Sampling Locations
Tidal Flats
Stratford Army Engine Plant
Stratford, Connecticut





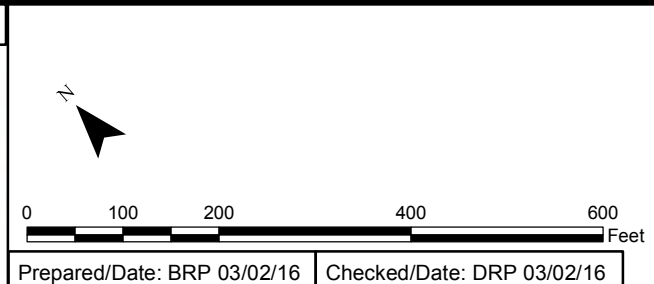
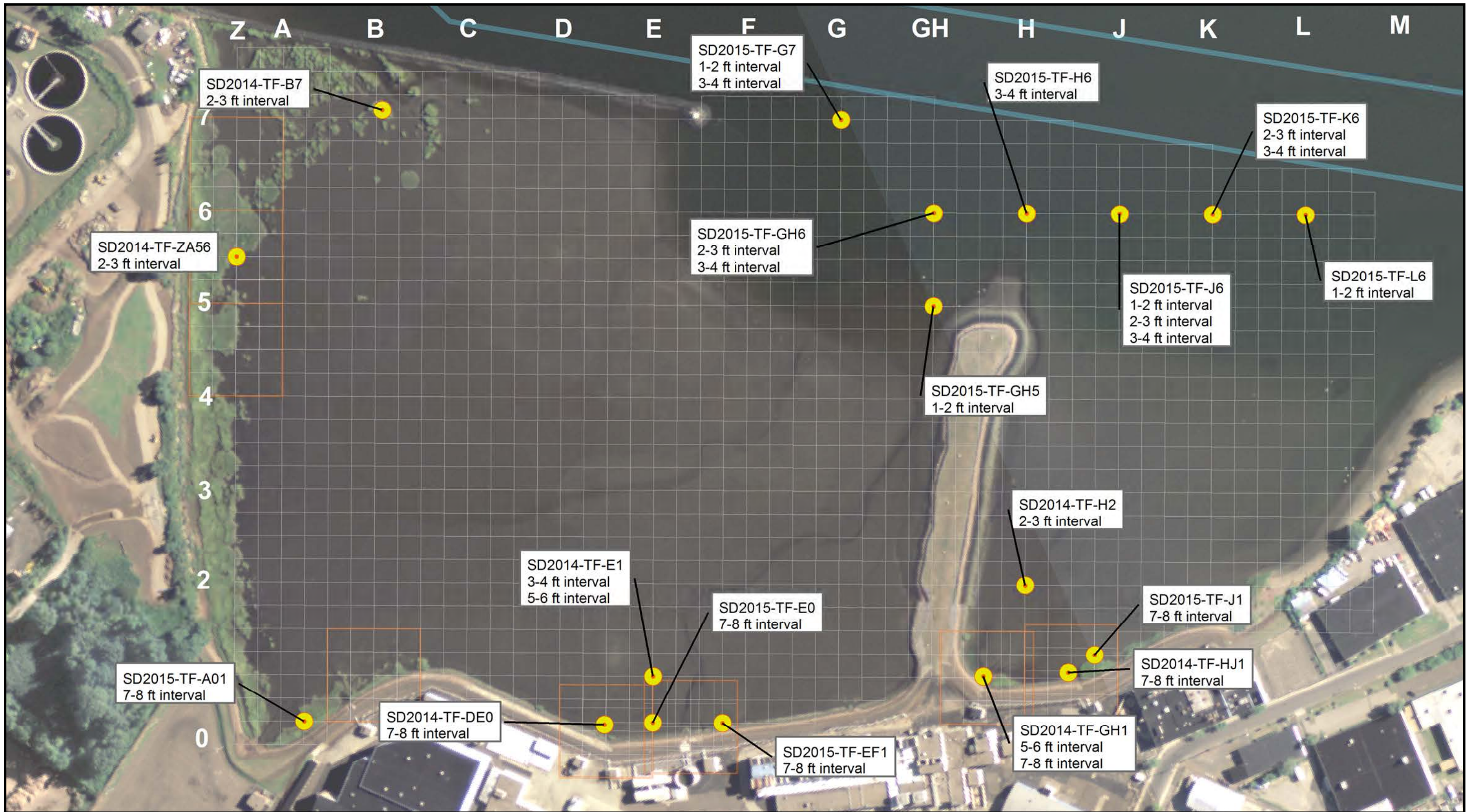
- LEGEND**
- Proposed 2-4' bgs Sample Location
 - 0-2' Sed Sample Locations (2014)
 - Identified Raymark Waste
 - OF008 50' x 50' Sample Grid

Prepared/Date: BRP 03/20/15 Checked/Date: DRP 03/20/15

Figure 2-3
2014 and Proposed 2015 Sediment Sampling Locations
Outfall 008 Drainage Ditch

Stratford Army Engine Plant
Stratford, Connecticut





LEGEND

Sediment Samples Not Collected April 2015

Figure 2-4
Sediment Samples Not Collected April 2015
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut





SD2014-OF8-19
2-3 ft interval

SD2014-OF-08
3-4 ft interval

SD2014-OF-04
2-3 ft interval

SD2014-OF-02
2-3 ft interval
3-4 ft interval

SD2014-OF-01
3-4 ft interval




LEGEND
 Sediment Samples Not Collected April 2015

Figure 2-5
Sediment Samples Not Collected April 2015
Outfall 008

Stratford Army Engine Plant
Stratford, Connecticut



Index map

Prepared/Date: BRP 03/02/16 Checked/Date: DRP 03/02/16



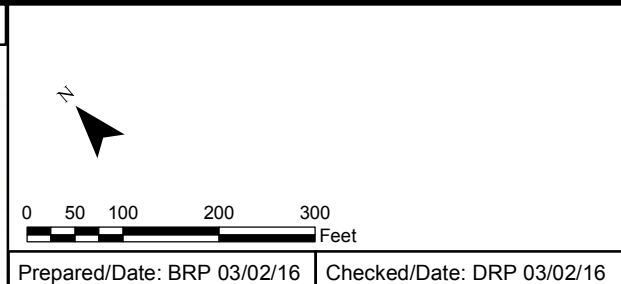


Figure 3-1
 0-1 foot, bgs Sediment Sample Average ERM-Qs
 Tidal Flats
 Stratford Army Engine Plant
 Stratford, Connecticut





LEGEND
ERMQ 8 Metals
1-2 ft bgs

- ▲ < 0.5
- ▲ ≥ 0.5
- Outfall_Locations
- Extent of Causeway Cover System



Index map

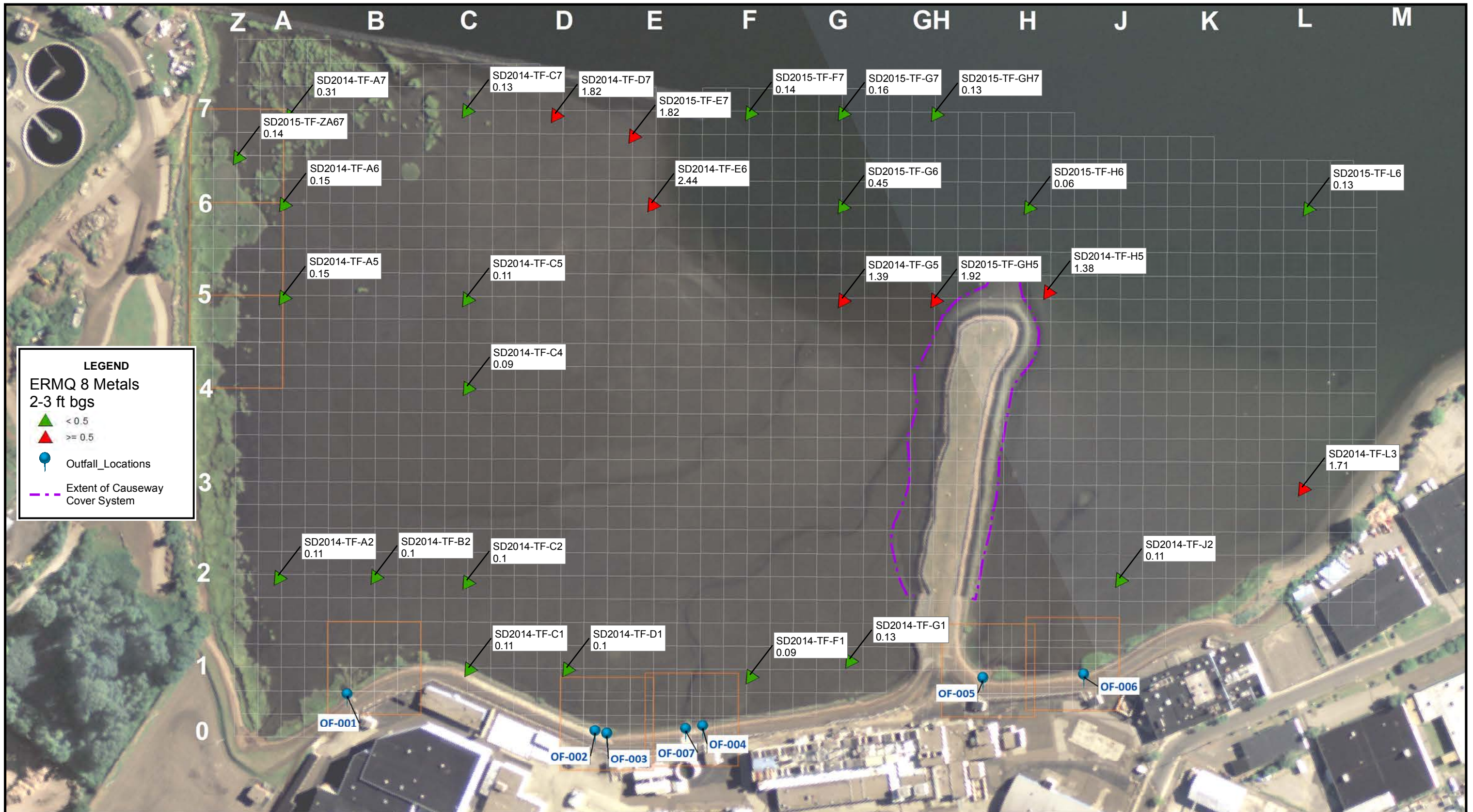
0 50 100 200 300 Feet

Prepared/Date: BRP 03/02/16 Checked/Date: DRP 03/02/16

Figure 3-2
 1-2 foot, bgs Sediment Sample Average ERM-Qs
 Tidal Flats

Stratford Army Engine Plant
 Stratford, Connecticut





LEGEND
 ERMQ 8 Metals
 2-3 ft bgs

- ▲ < 0.5
- ▲ ≥ 0.5
- Outfall_Locations
- Extent of Causeway Cover System



Index map

Prepared/Date: BRP 03/02/16 Checked/Date: DRP 03/02/16

Figure 3-3
 2-3 foot, bgs Sediment Sample Average ERM-Qs
 Tidal Flats

Stratford Army Engine Plant
 Stratford, Connecticut



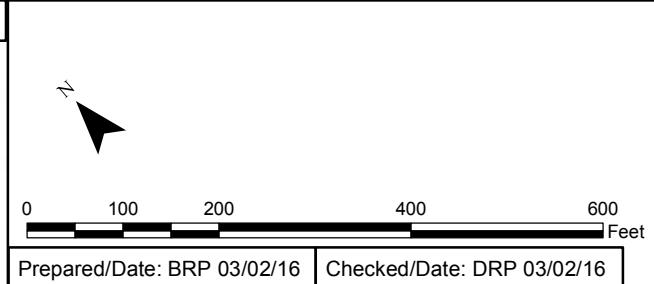
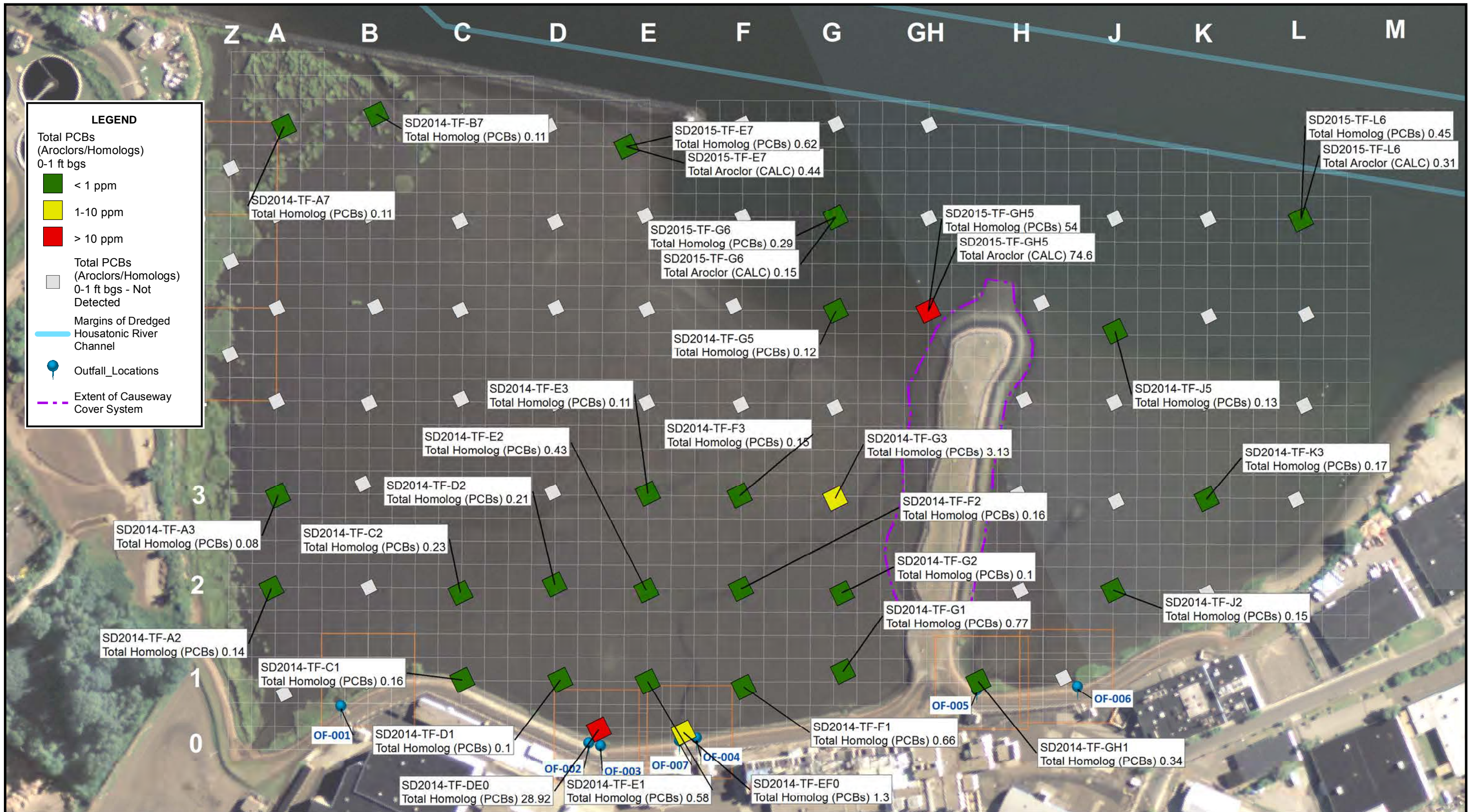


Figure 3-5
0-1 foot, bgs Sediment Sample Total PCBs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut



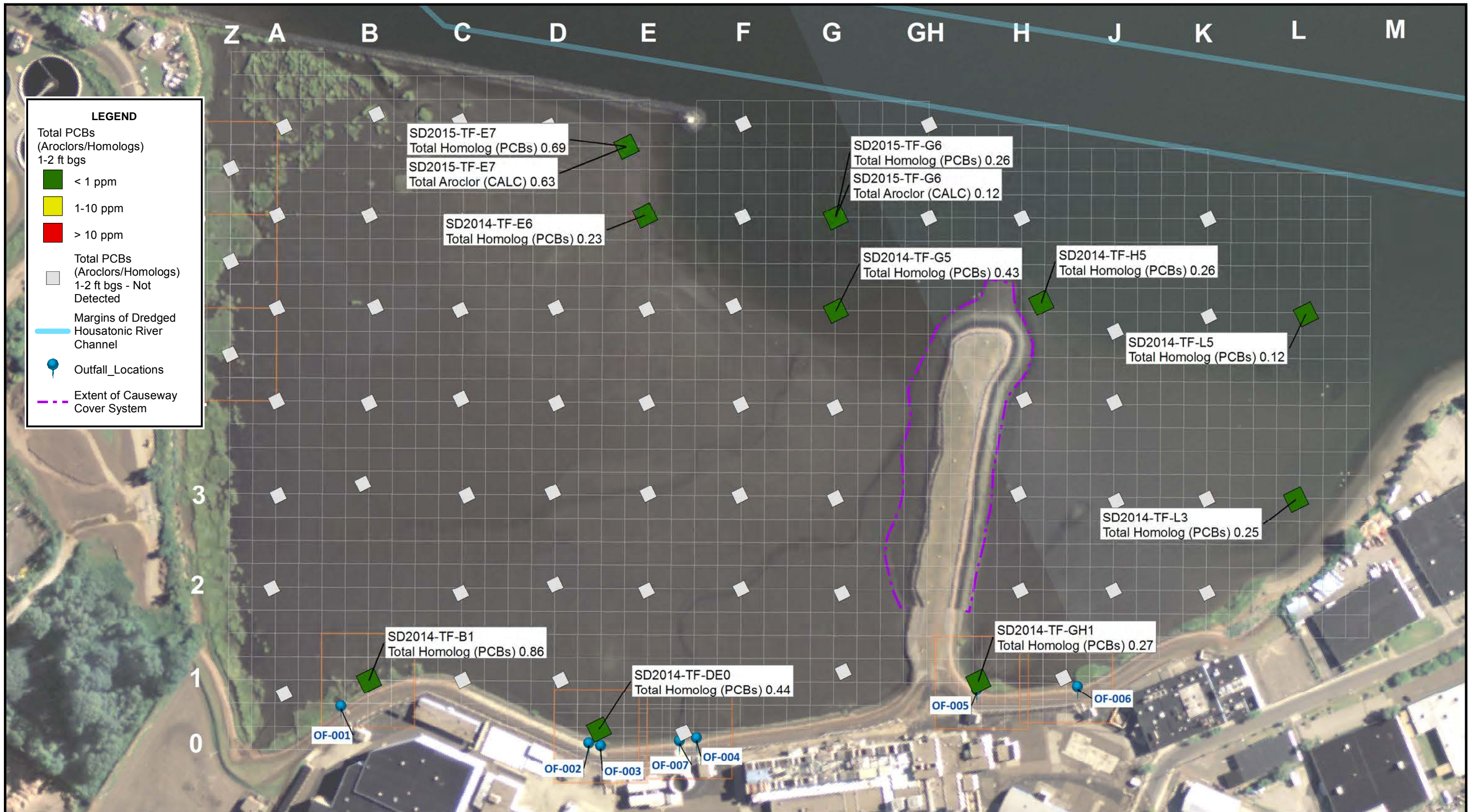
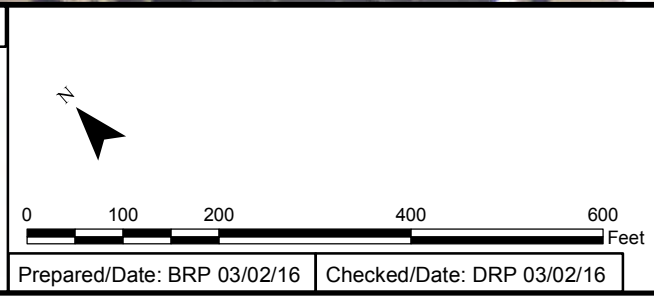
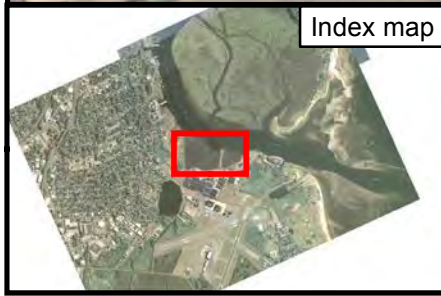


Figure 3-6
1-2 foot, bgs Sediment Sample Total PCBs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut



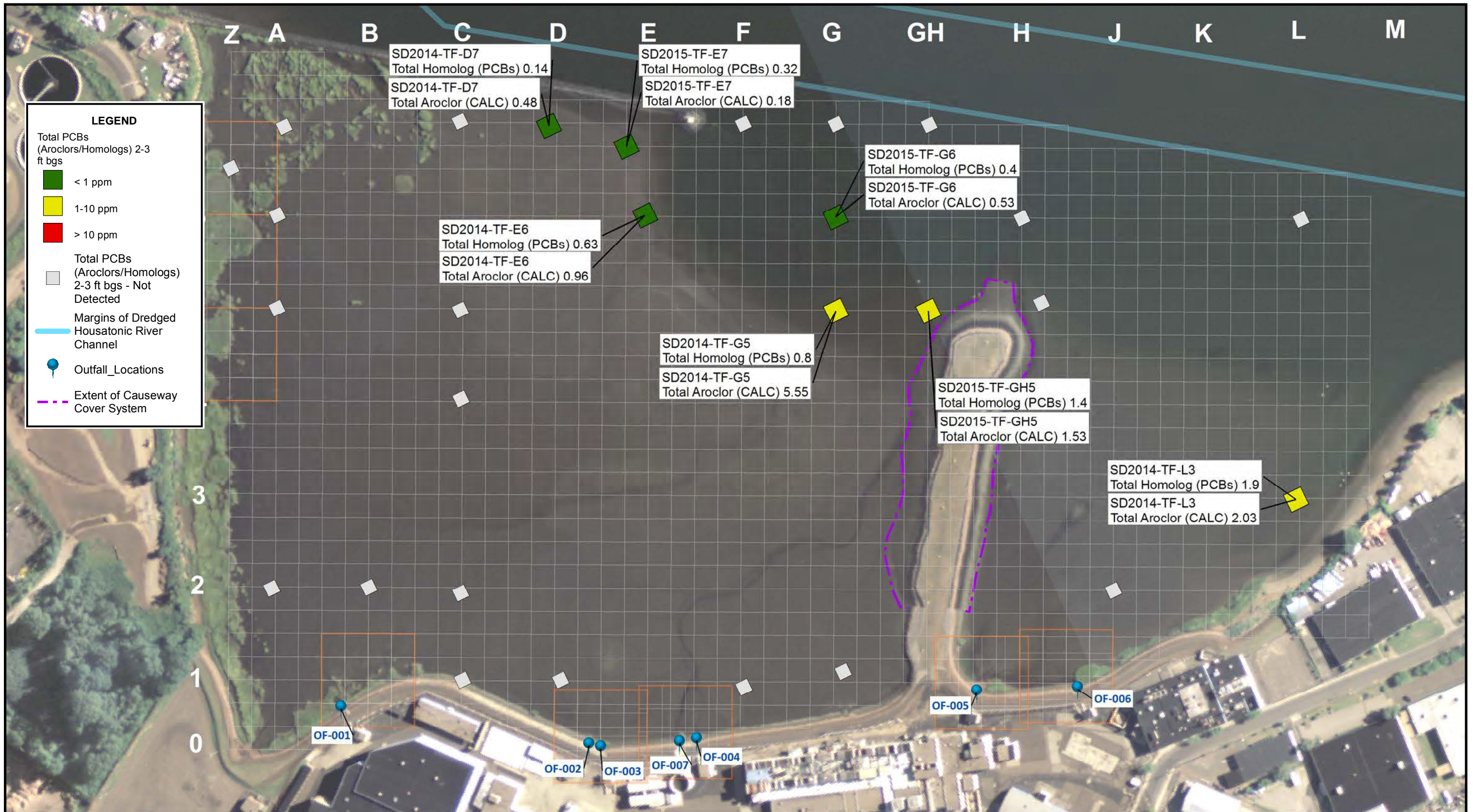
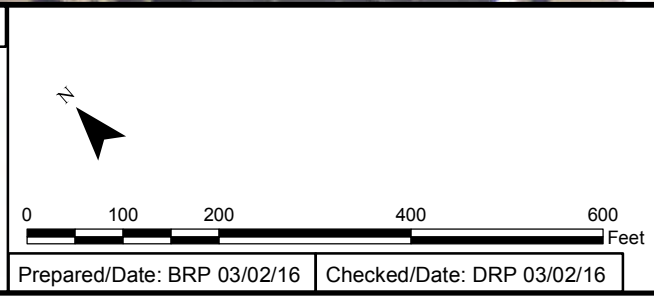
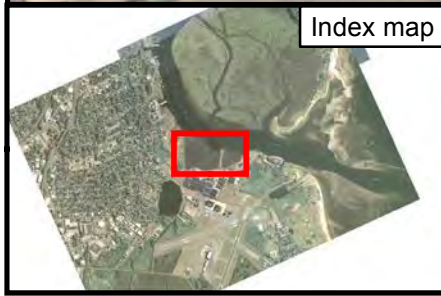


Figure 3-7
2-3 foot, bgs Sediment Sample Total PCBs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut



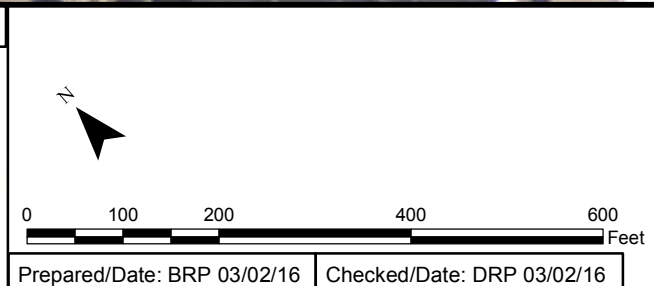
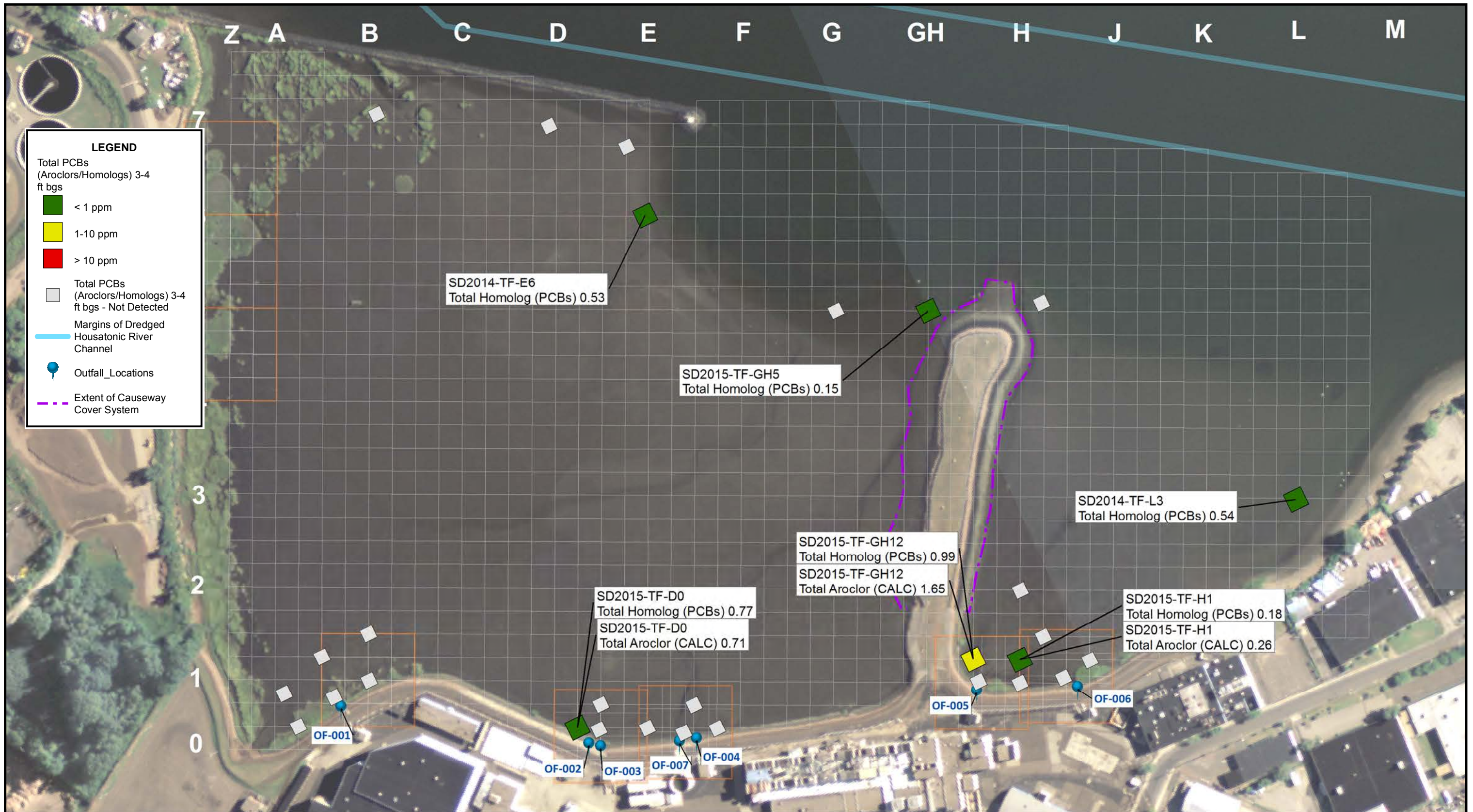


Figure 3-8
3-4 foot, bgs Sediment Sample Total PCBs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut



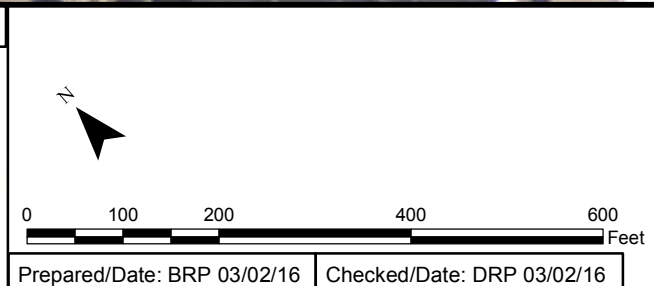
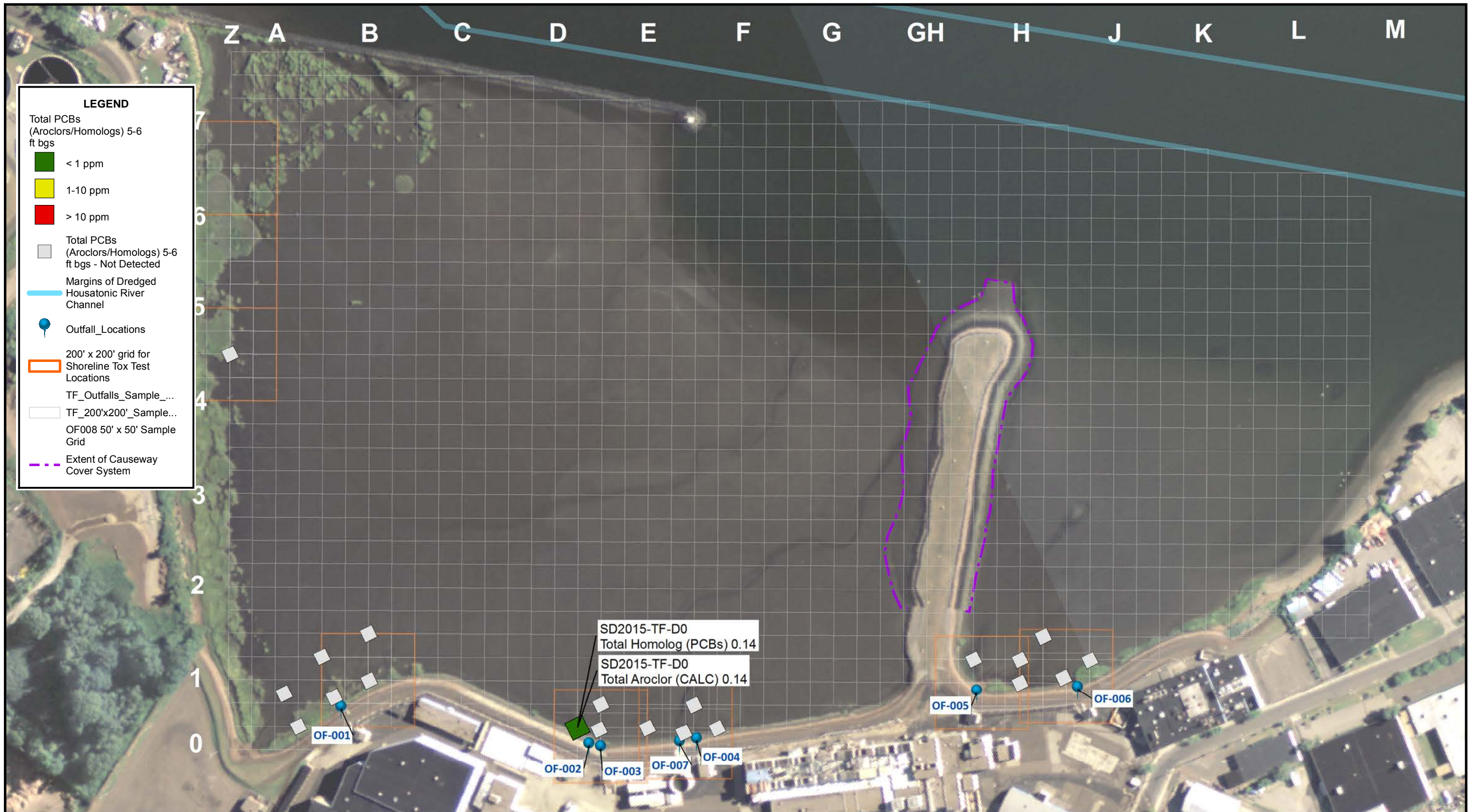
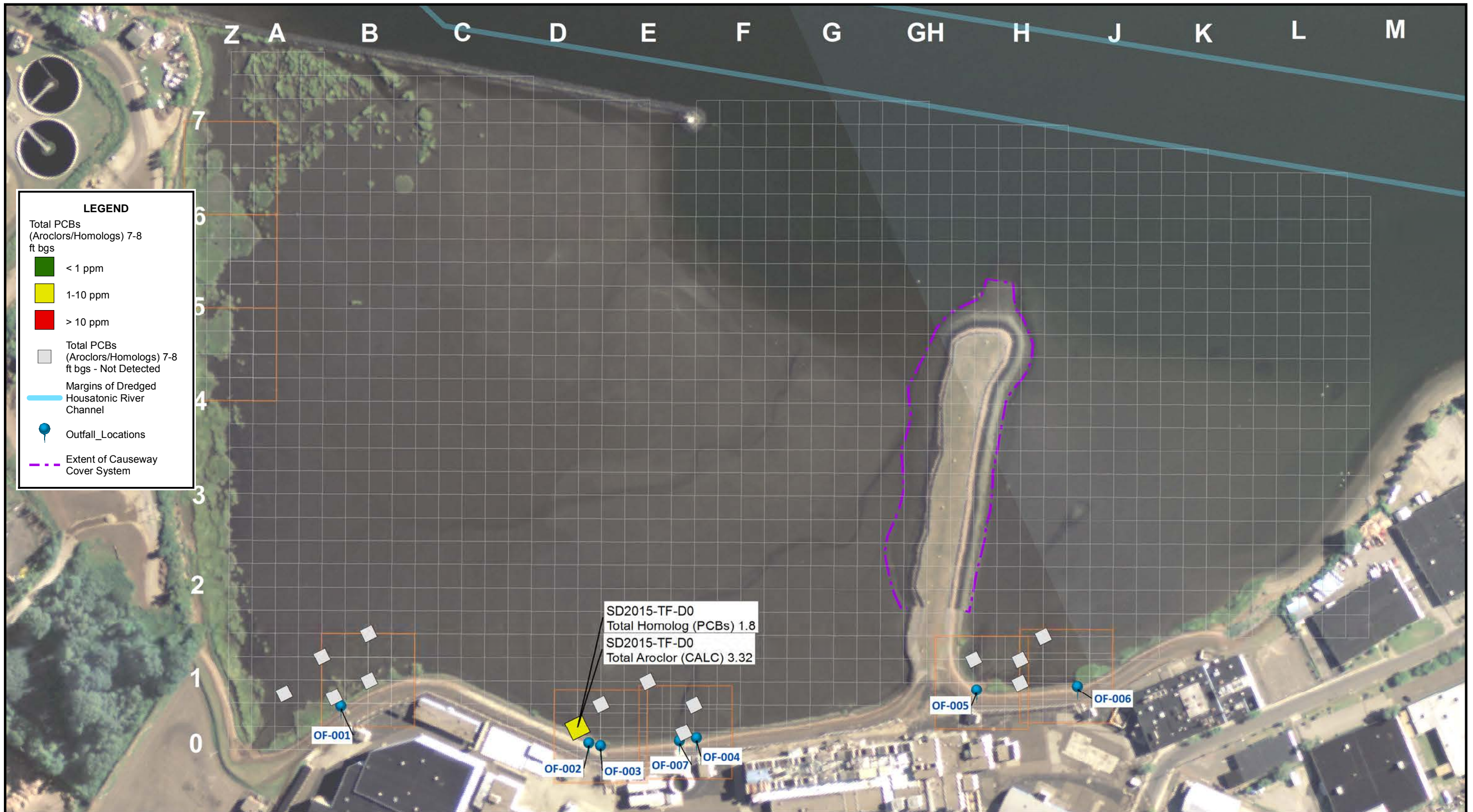


Figure 3-9
5-6 foot, bgs Sediment Sample Total PCBs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut





SD2015-TF-D0
 Total Homolog (PCBs) 1.8
 SD2015-TF-D0
 Total Aroclor (CALC) 3.32

OF-001

OF-002

OF-003

OF-007

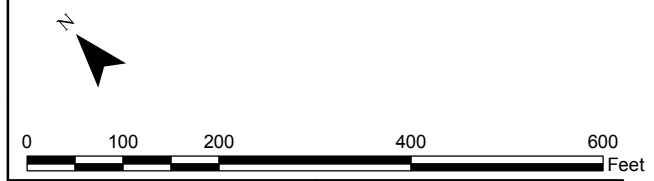
OF-004

OF-005

OF-006



Index map



Prepared/Date: BRP 03/02/16 Checked/Date: DRP 03/02/16

Figure 3-10
 7-8 foot, bgs Sediment Sample Total PCBs
 Tidal Flats

Stratford Army Engine Plant
 Stratford, Connecticut



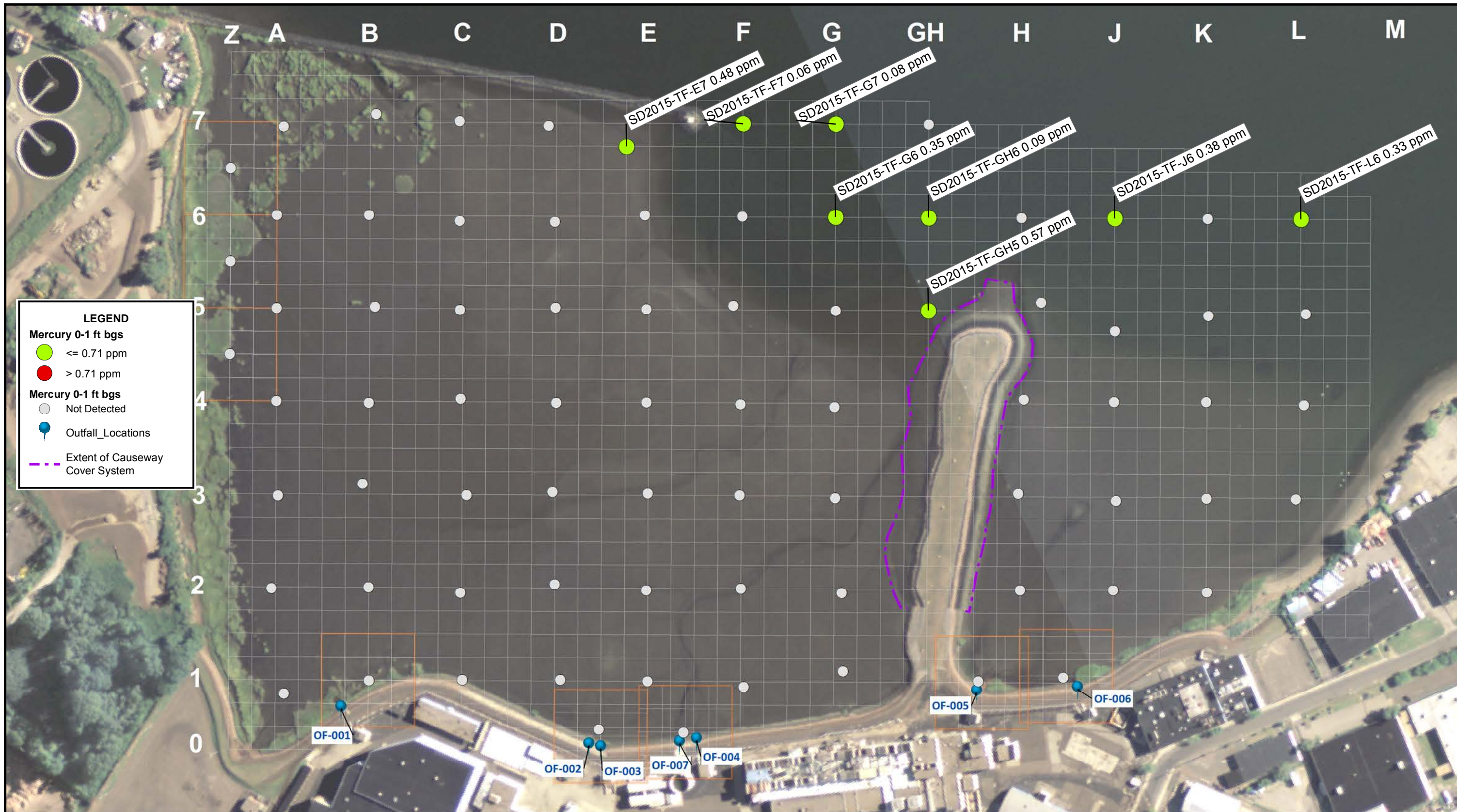
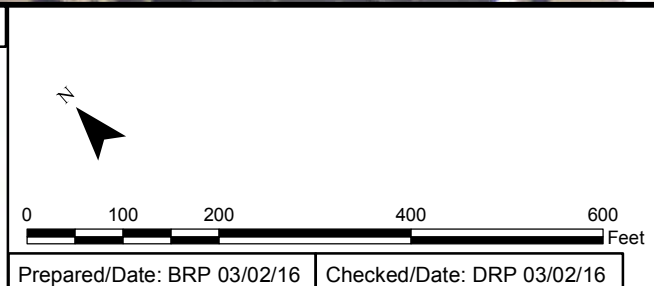
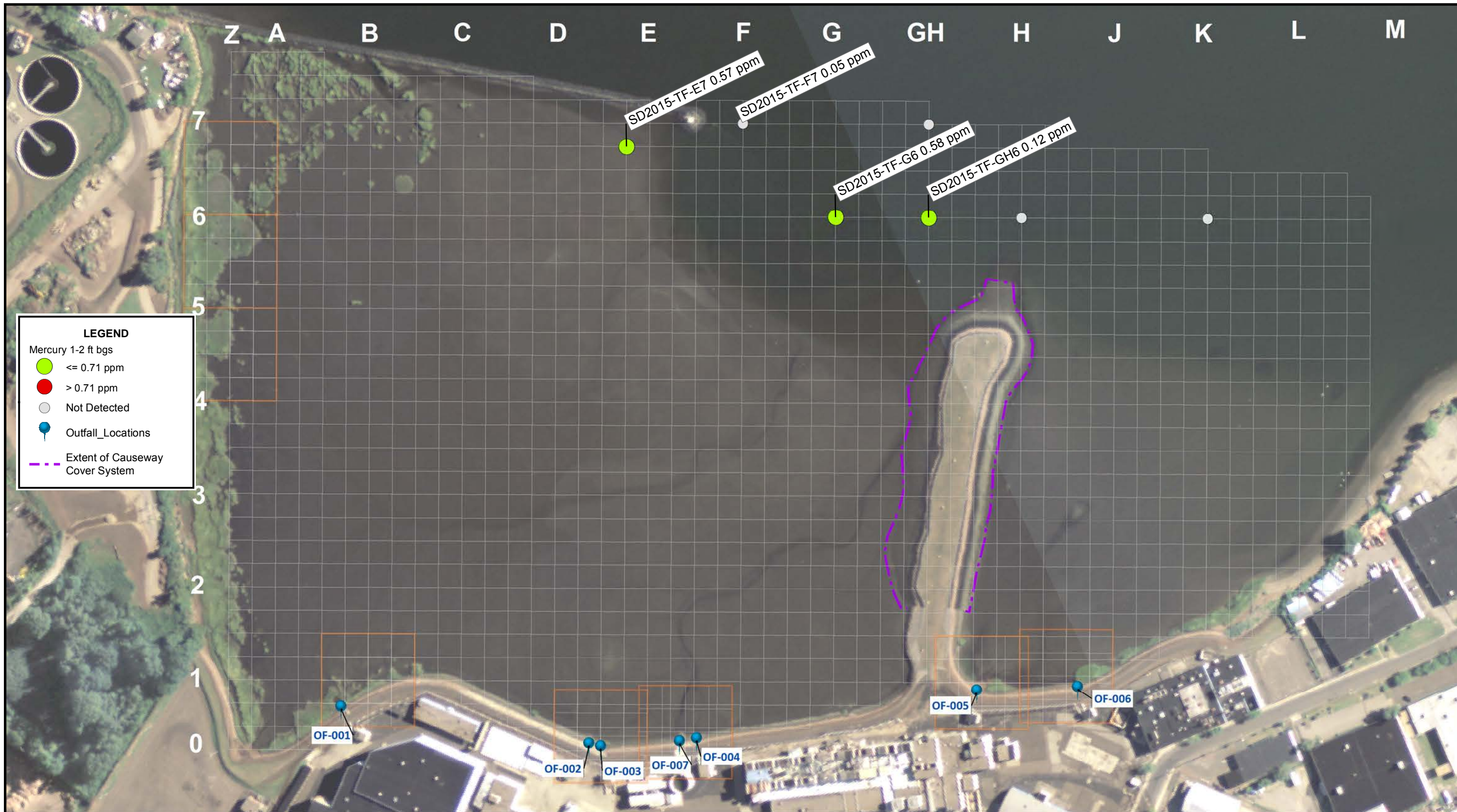


Figure 3-11
0-1 foot, bgs Sediment Sample Mercury
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut





LEGEND

Mercury 1-2 ft bgs

- ≤ 0.71 ppm
- > 0.71 ppm
- Not Detected
- Outfall_Locations
- Extent of Causeway Cover System



Index map

Prepared/Date: BRP 03/02/16 Checked/Date: DRP 03/02/16

Figure 3-12
1-2 foot, bgs Sediment Sample Mercury
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut



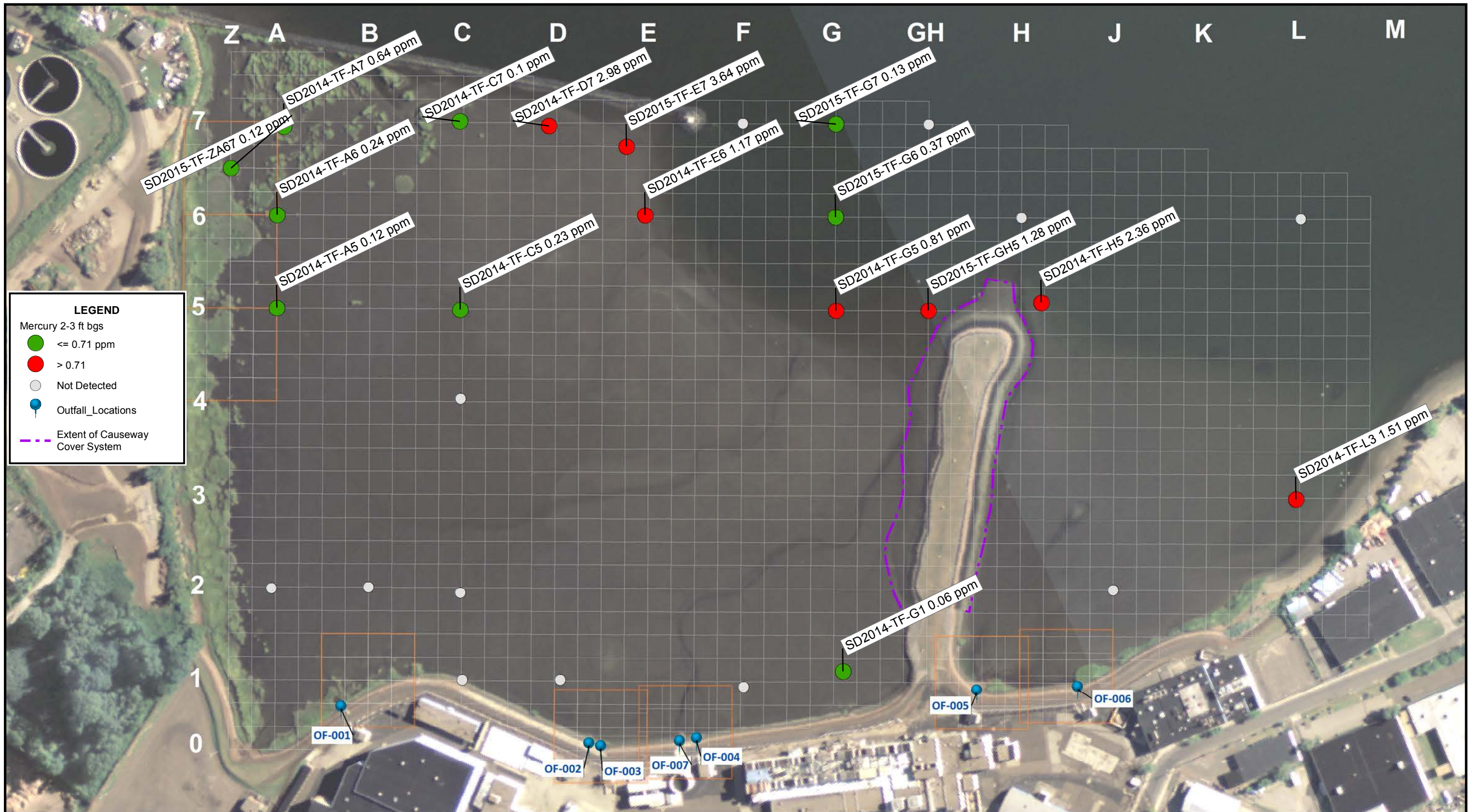
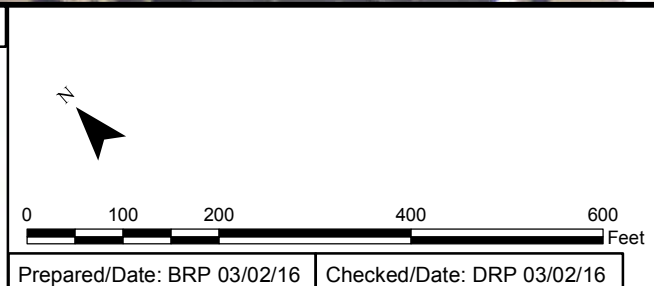


Figure 3-13
2-3 foot, bgs Sediment Sample Mercury
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut



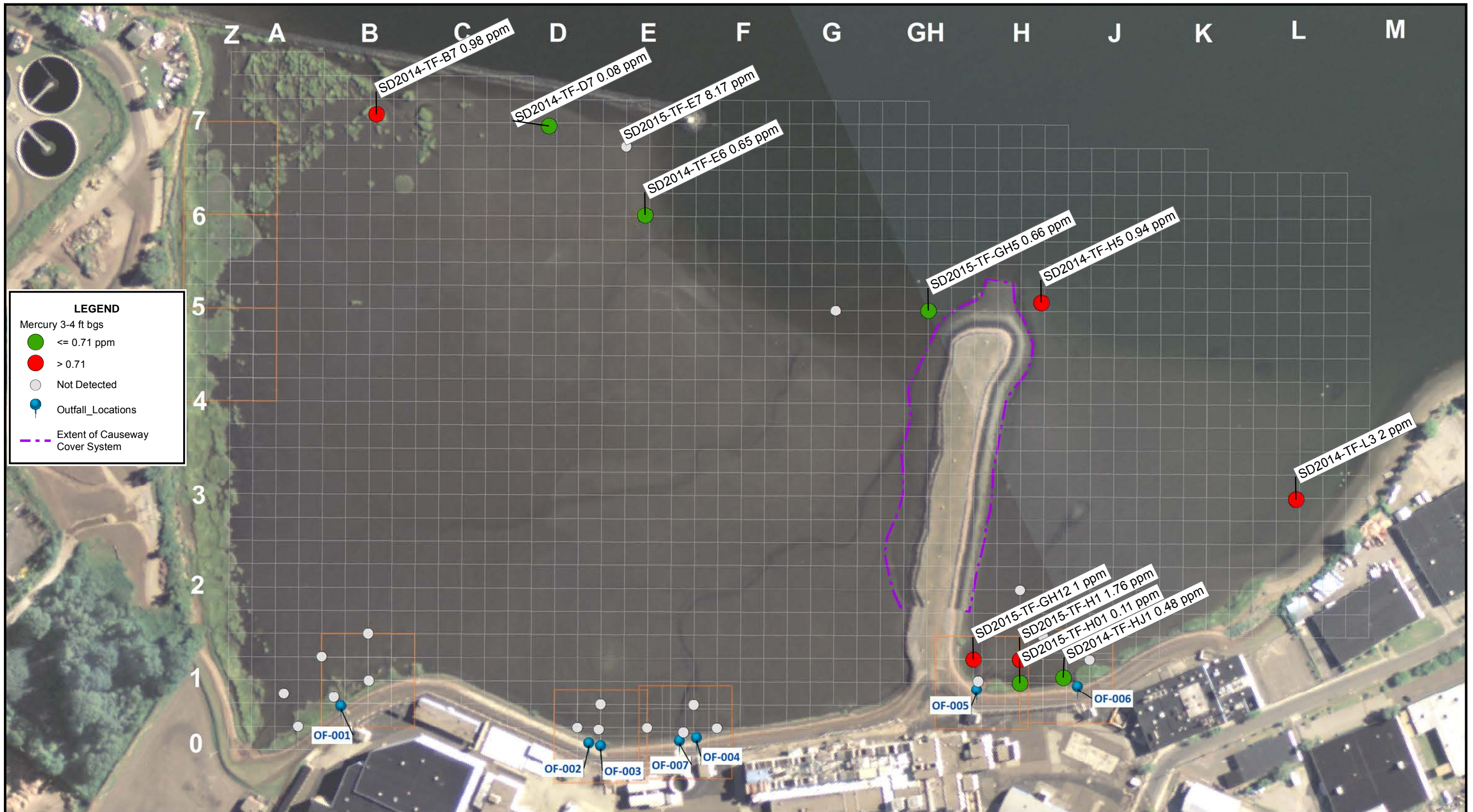
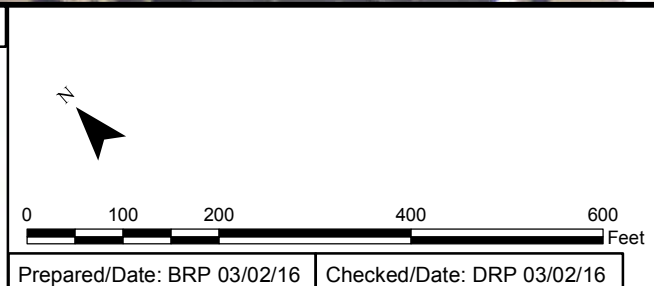
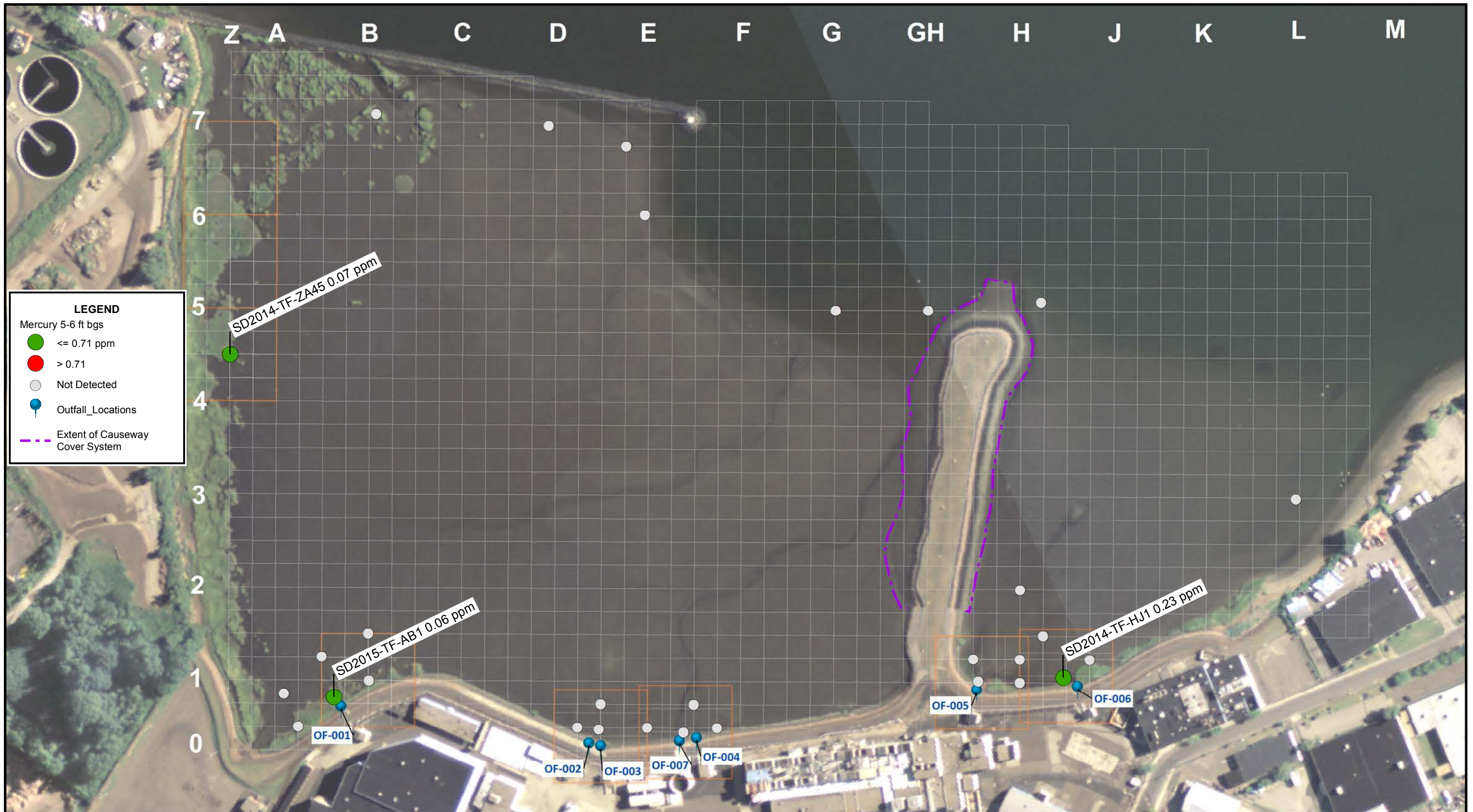


Figure 3-14
 3-4 foot, bgs Sediment Sample Mercury
 Tidal Flats

Stratford Army Engine Plant
 Stratford, Connecticut





LEGEND

Mercury 5-6 ft bgs

- ≤ 0.71 ppm
- > 0.71
- Not Detected
- Outfall_Locations
- Extent of Causeway Cover System



Index map

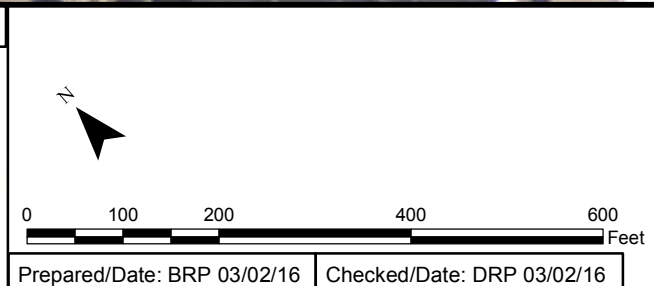
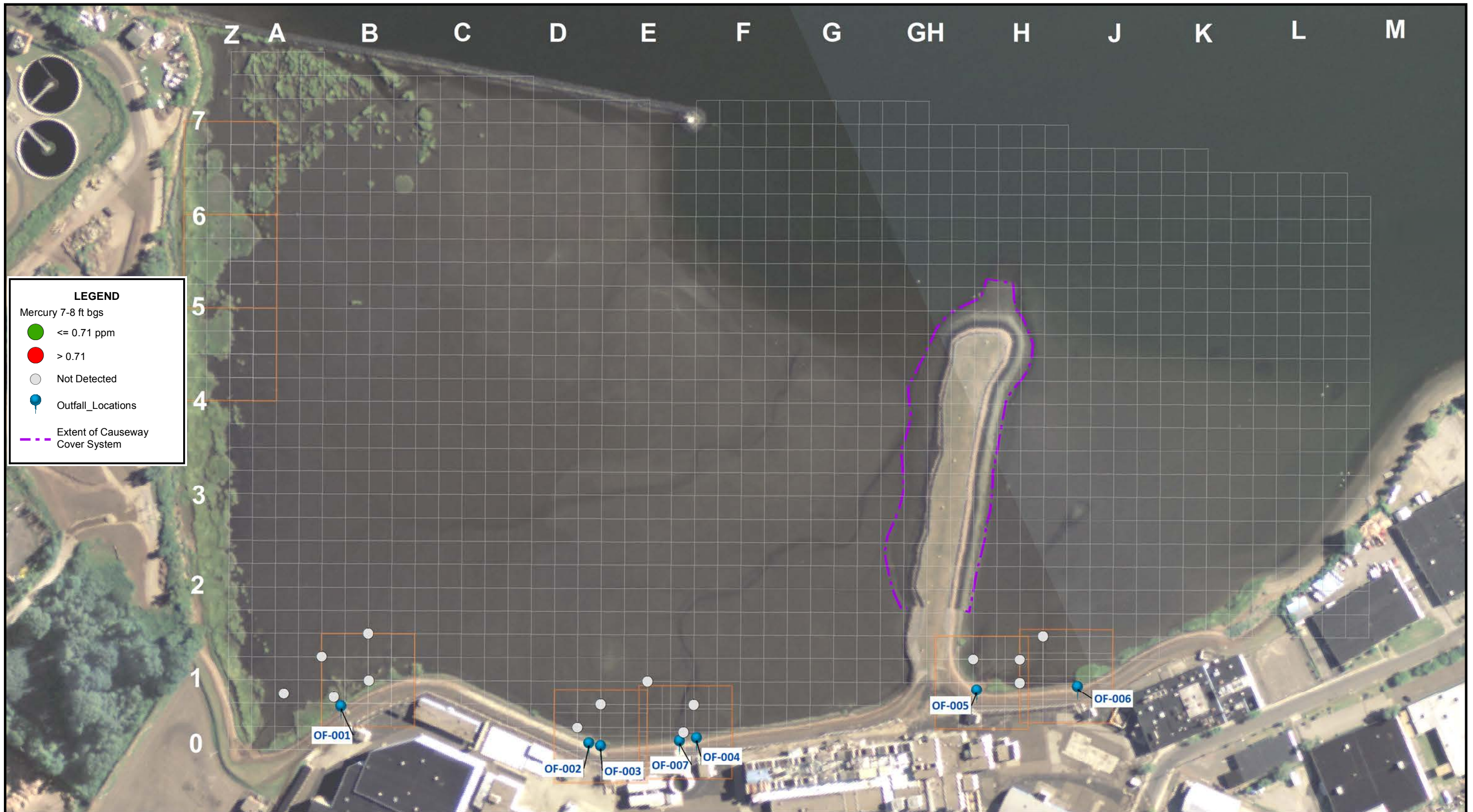
0 100 200 400 600 Feet

Prepared/Date: BRP 03/02/16 Checked/Date: DRP 03/02/16

Figure 3-15
5-6 foot, bgs Sediment Sample Mercury
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut





Prepared/Date: BRP 03/02/16 Checked/Date: DRP 03/02/16

Figure 3-16
7-8 foot, bgs Sediment Sample Mercury
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut





LEGEND

ERMQ 8 Metals 0-1 ft
bgs

- ▲ < 0.5
- ▲ ≥ 0.5
- Outfall_Locations



Index map

Prepared/Date: BRP 03/02/16 Checked/Date: DRP 03/02/16

Figure 3-17
0-1 foot, bgs Sediment Sample Average ERM-Qs
Outfall 008

Stratford Army Engine Plant
Stratford, Connecticut





LEGEND

ERMQ 8 Metals 1-2 ft
bgs

- ▲ < 0.5
- ▲ >= 0.5
- Outfall_Locations



Index map

0 50 100 200 300 Feet

Prepared/Date: BRP 03/02/16 Checked/Date: DRP 03/02/16

Figure 3-18
1-2 foot, bgs Sediment Sample Average ERM-Qs
Outfall 008

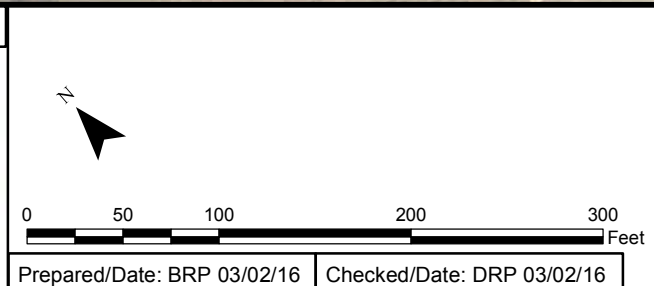
Stratford Army Engine Plant
Stratford, Connecticut





Figure 3-19
2-3 foot, bgs Sediment Sample Average ERM-Qs
Outfall 008

Stratford Army Engine Plant
Stratford, Connecticut





LEGEND

ERMQ 8 Metals 3-4 ft
bgs

- ▲ < 0.5
- ▲ >= 0.5
- Outfall_Locations



Index map

Prepared/Date: BRP 03/02/16 Checked/Date: DRP 03/02/16

Figure 3-20
3-4 foot, bgs Sediment Sample Average ERM-Qs
Outfall 008

Stratford Army Engine Plant
Stratford, Connecticut



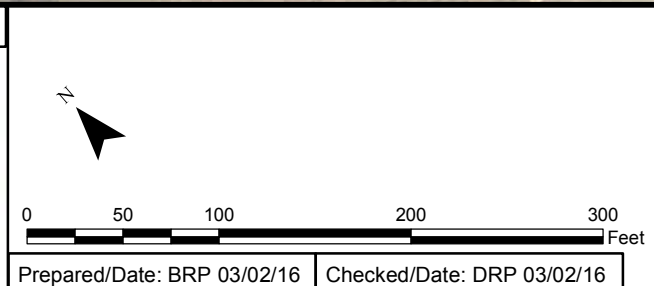


Figure 3-21
0-1 foot, bgs Sediment Sample Total PCBs
Outfall 008

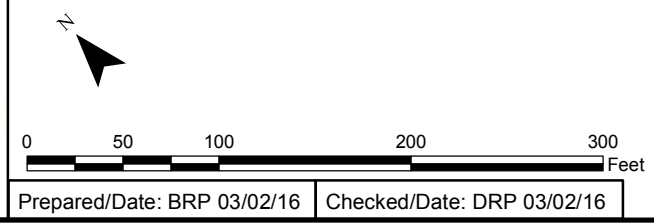
Stratford Army Engine Plant
Stratford, Connecticut





Figure 3-22
1-2 foot, bgs Sediment Sample Total PCBs
Outfall 008

Stratford Army Engine Plant
Stratford, Connecticut



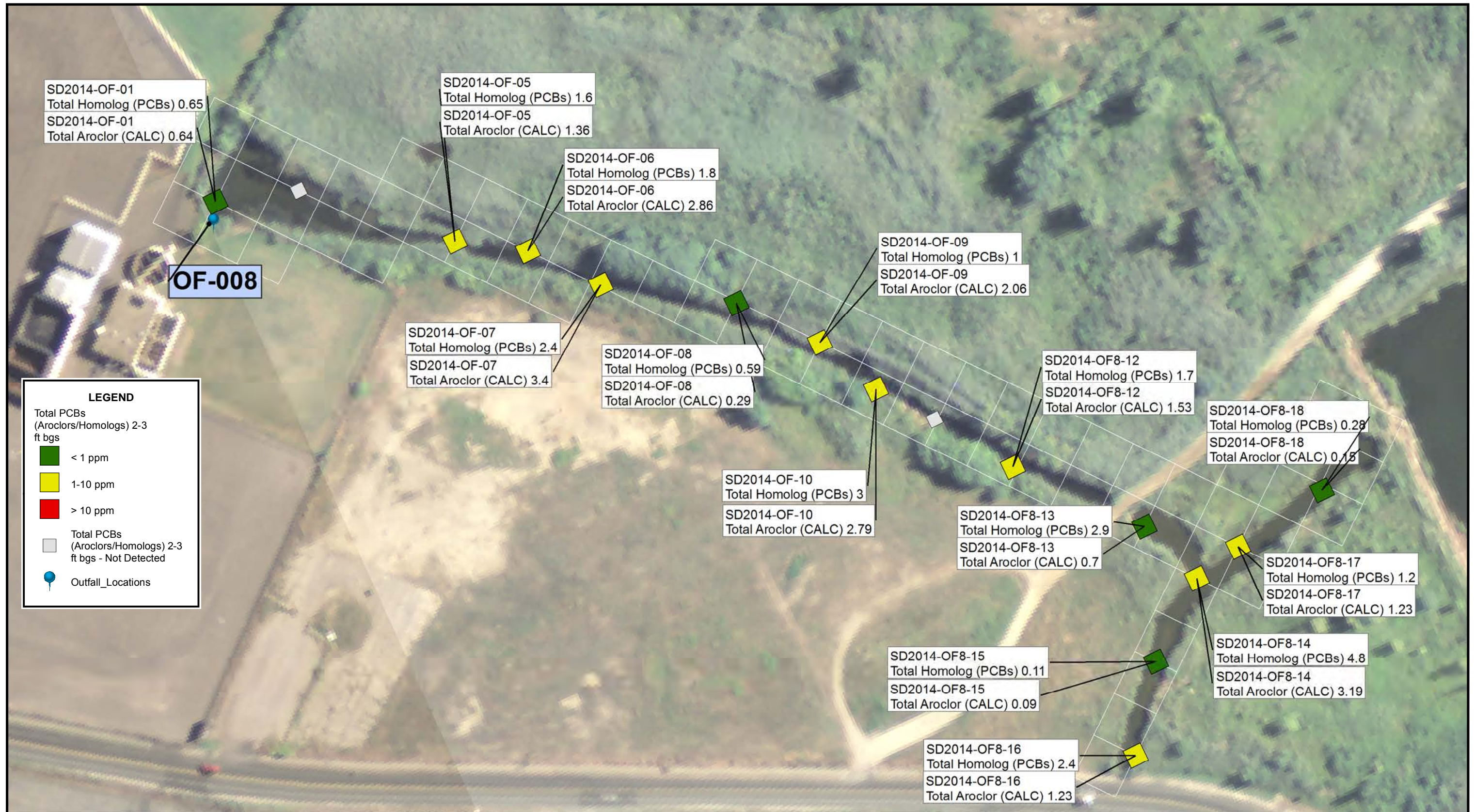
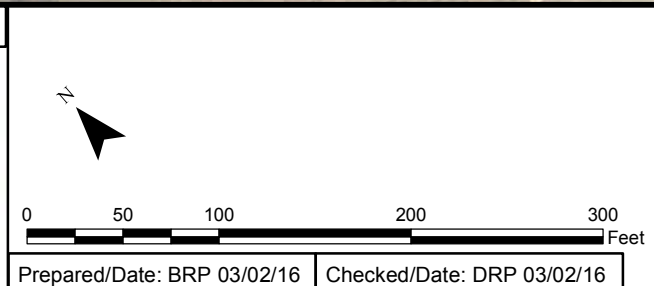


Figure 3-23
2-3 foot, bgs Sediment Sample Total PCBs
Outfall 008

Stratford Army Engine Plant
Stratford, Connecticut





LEGEND

Total PCBs
(Aroclors/Homologs) 3-4
ft bgs

- < 1 ppm
- 1-10 ppm
- > 10 ppm

Total PCBs
(Aroclors/Homologs) 3-4
ft bgs - Not Detected

-

Outfall_Locations

-



North arrow pointing up.

Scale bar: 0, 50, 100, 200, 300 Feet

Prepared/Date: BRP 03/02/16 Checked/Date: DRP 03/02/16

Figure 3-24
3-4 foot, bgs Sediment Sample Total PCBs
Outfall 008

Stratford Army Engine Plant
Stratford, Connecticut





LEGEND

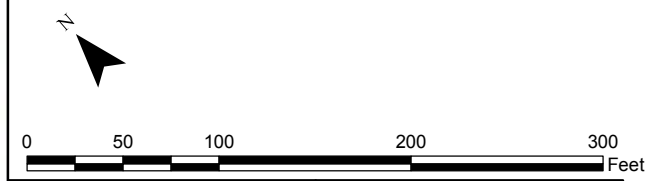
Mercury 0-1 ft bgs

- ≤ 0.71 ppm
- > 0.71 ppm
- Not Detected
- Outfall_Locations

OF-008



Index map



Prepared/Date: BRP 03/02/16 Checked/Date: DRP 03/02/16

Figure 3-25
0-1 foot, bgs Sediment Sample Mercury
Outfall 008

Stratford Army Engine Plant
Stratford, Connecticut





LEGEND

Mercury 2-3 ft bgs

- < 0.71
- >= 0.71
- Not Detected
- Outfall_Locations



Index map

Prepared/Date: BRP 03/02/16 Checked/Date: DRP 03/02/16

Figure 3-26
2-3 ft, bgs Sediment Sample Mercury
Outfall 008

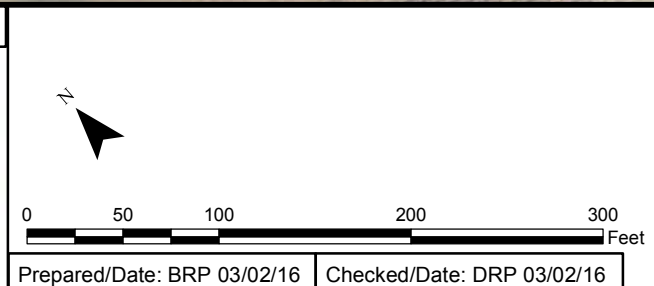
Stratford Army Engine Plant
Stratford, Connecticut



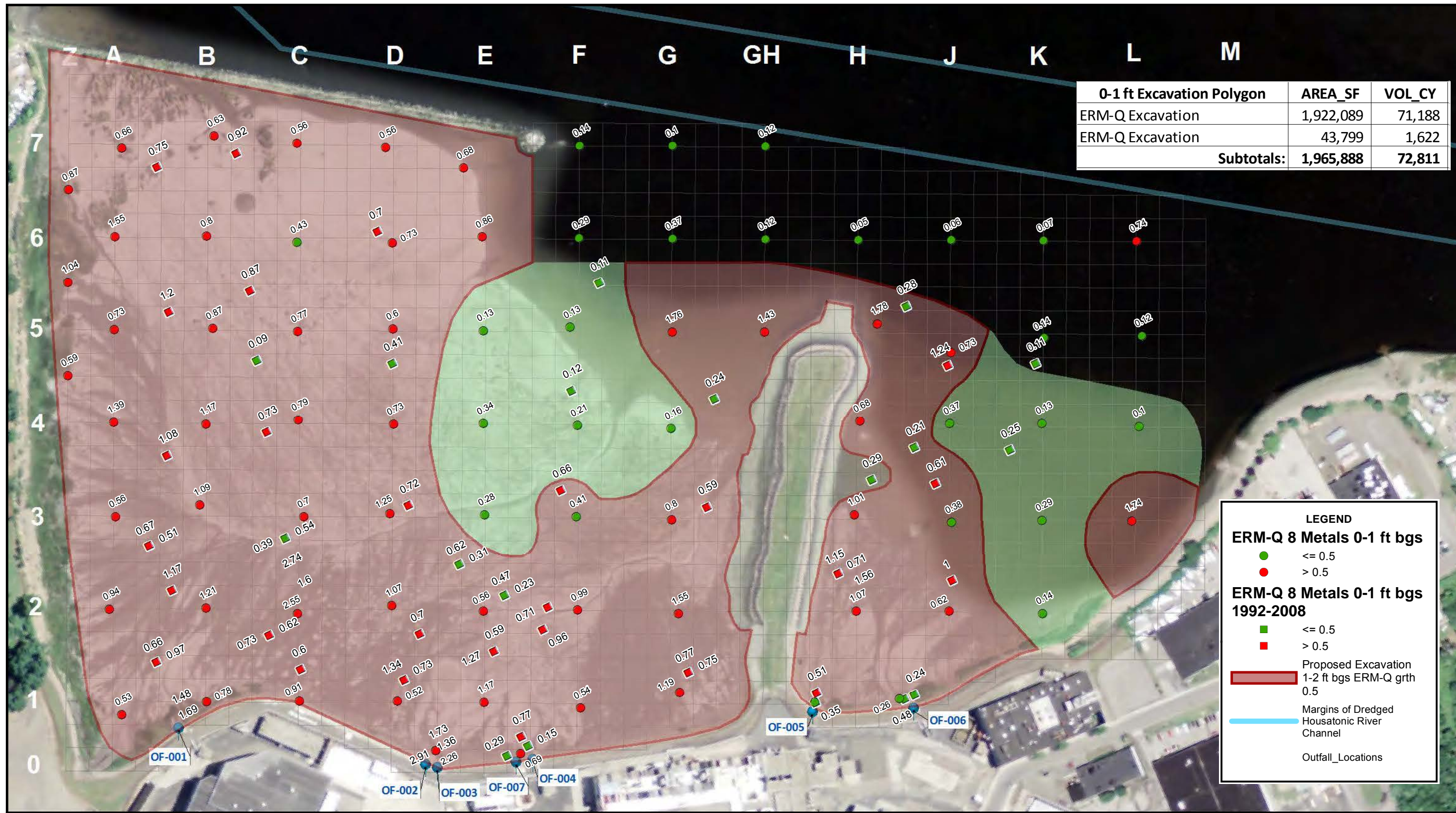


Figure 3-27
3-4 foot, bgs Sediment Sample Mercury
Outfall 008

Stratford Army Engine Plant
Stratford, Connecticut



Prepared/Date: BRP 03/02/16 | Checked/Date: DRP 03/02/16



0-1 ft Excavation Polygon	AREA_SF	VOL_CY
ERM-Q Excavation	1,922,089	71,188
ERM-Q Excavation	43,799	1,622
Subtotals:	1,965,888	72,811

LEGEND

ERM-Q 8 Metals 0-1 ft bgs

- ≤ 0.5
- > 0.5

ERM-Q 8 Metals 0-1 ft bgs 1992-2008

- ≤ 0.5
- > 0.5

- Proposed Excavation
- 1-2 ft bgs ERM-Q grth
- 0.5
- Margins of Dredged Housatonic River Channel
- Outfall_Locations



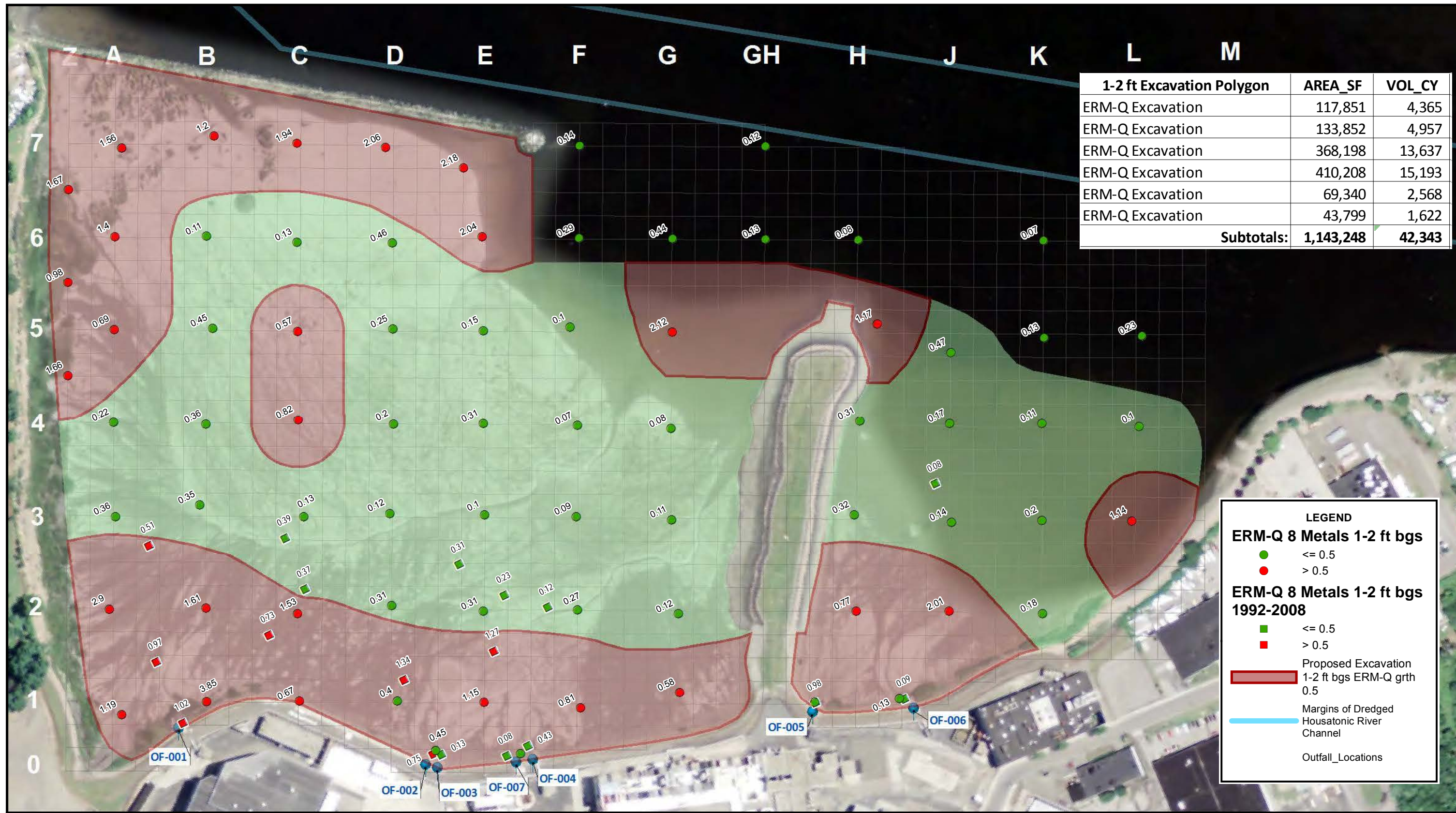
2014 Aerial Imagery
USDA National Agriculture
Imagery Program

0 100 200 400 600
Feet

Prepared/Date: DRP 05/30/17 Checked/Date: JAK 05/30/2017

Figure 4-1
ERM-Q Values and Proposed Remedial Footprint, 0-1 ft, bgs
Tidal Flats
Stratford Army Engine Plant
Stratford, Connecticut





LEGEND

ERM-Q 8 Metals 1-2 ft bgs

- <= 0.5
- > 0.5

ERM-Q 8 Metals 1-2 ft bgs 1992-2008

- <= 0.5
- > 0.5

- Proposed Excavation
- 1-2 ft bgs ERM-Q grth 0.5
- Margins of Dredged Housatonic River Channel
- Outfall_Locations

Figure 4-2
ERM-Q Values and Proposed Remedial Footprint, 1-2 ft, bgs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut



2014 Aerial Imagery
USDA National Agriculture
Imagery Program

0 100 200 400 600
Feet

Prepared/Date: DRP 05/30/17 Checked/Date: JAK 05/30/2017



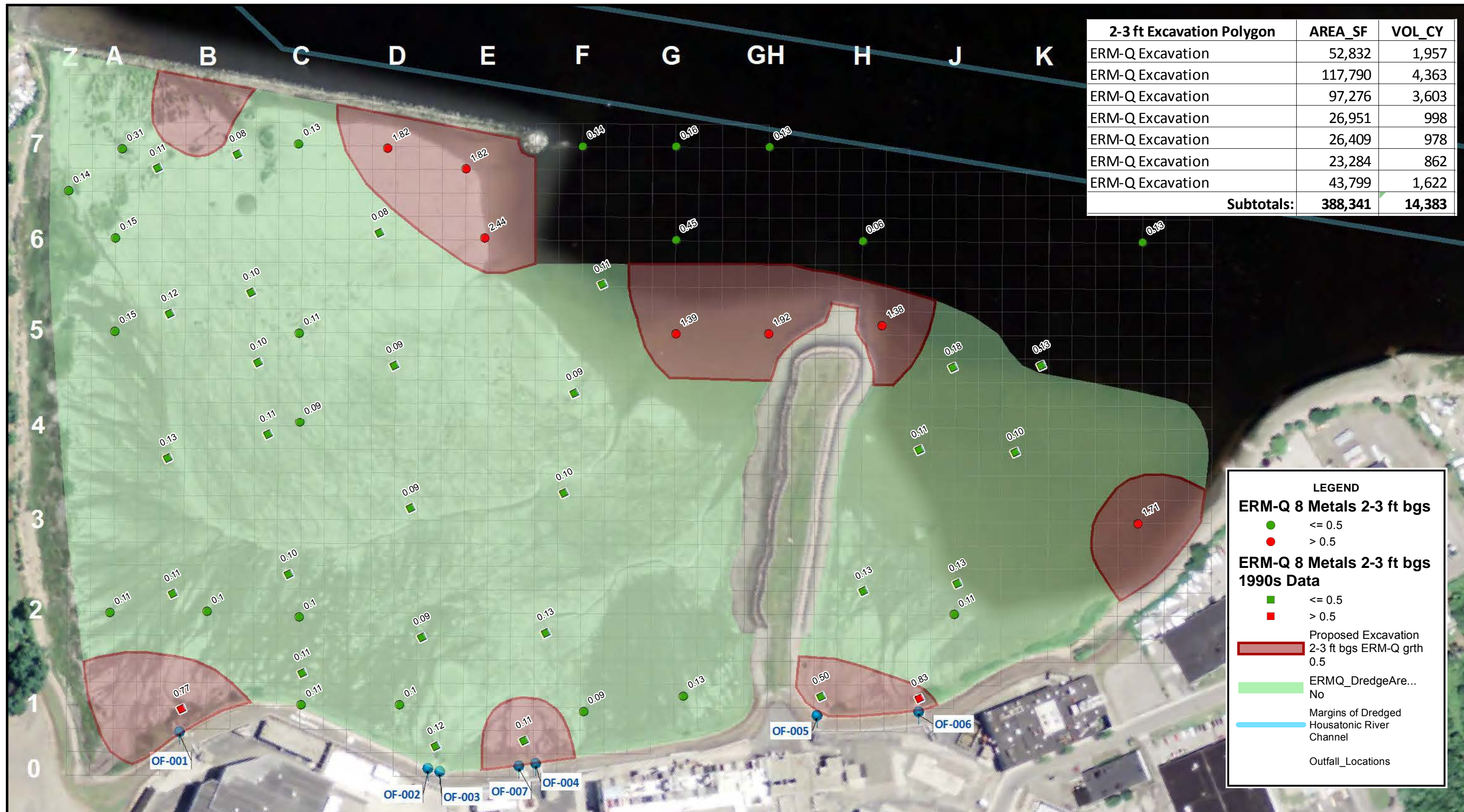


Figure 4-3
ERM-Q Values and Proposed Remedial Footprint, 2-3 ft, bgs Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut

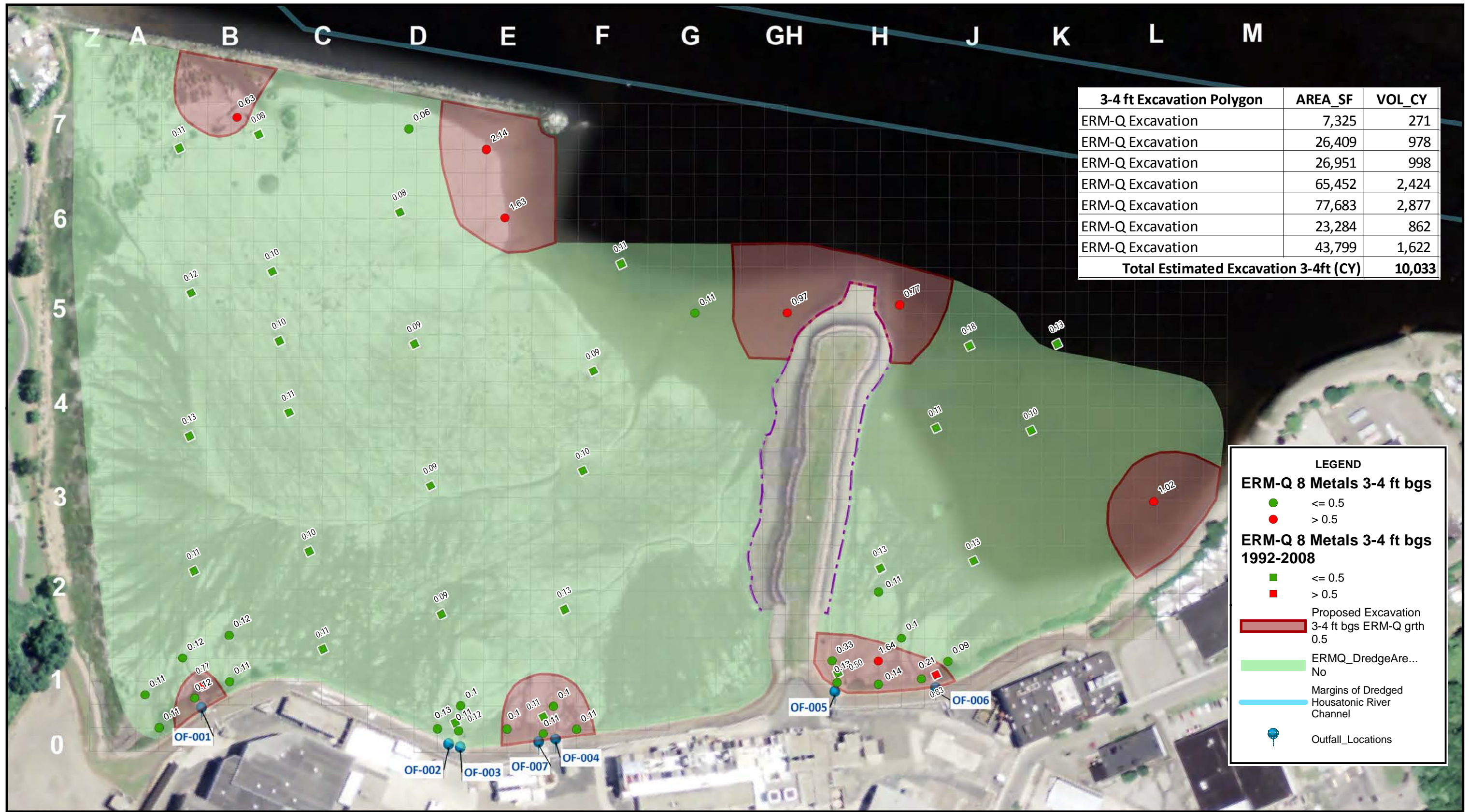


2014 Aerial Imagery
USDA National Agriculture
Imagery Program

0 100 200 400 600 Feet

Prepared/Date: DRP 05/30/17 Checked/Date: JAK 05/30/2017





3-4 ft Excavation Polygon	AREA_SF	VOL_CY
ERM-Q Excavation	7,325	271
ERM-Q Excavation	26,409	978
ERM-Q Excavation	26,951	998
ERM-Q Excavation	65,452	2,424
ERM-Q Excavation	77,683	2,877
ERM-Q Excavation	23,284	862
ERM-Q Excavation	43,799	1,622
Total Estimated Excavation 3-4ft (CY)		10,033

LEGEND

ERM-Q 8 Metals 3-4 ft bgs

- ≤ 0.5
- > 0.5

ERM-Q 8 Metals 3-4 ft bgs 1992-2008

- ≤ 0.5
- > 0.5

- Proposed Excavation 3-4 ft bgs ERM-Q grth 0.5
- ERMQ_DredgeArea...
- No
- Margins of Dredged Housatonic River Channel
- Outfall_Locations



2014 Aerial Imagery
USDA National Agriculture Imagery Program

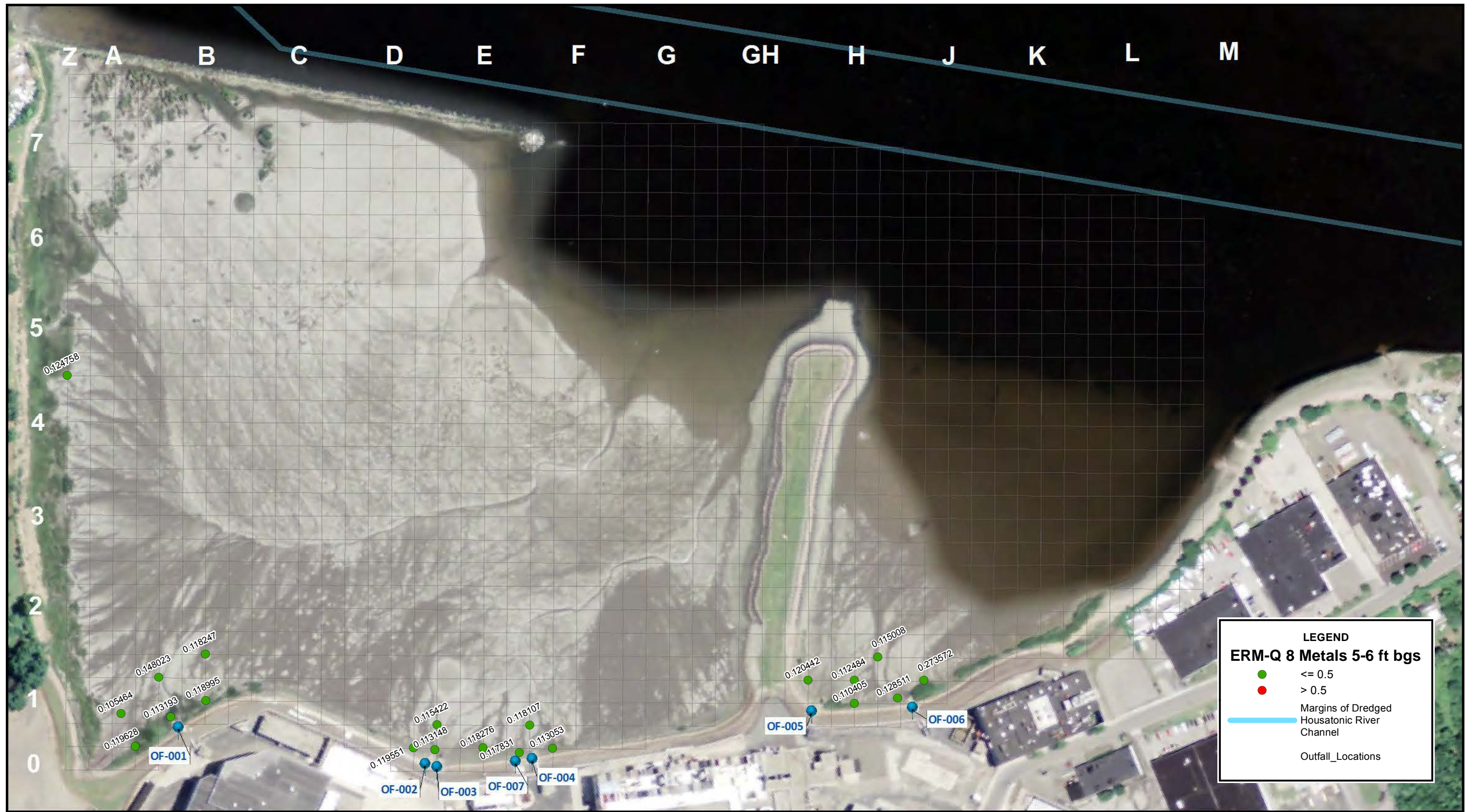
0 100 200 400 600 Feet

Prepared/Date: ID 08/21/2018 Checked/Date: RP 08/21/2018

Figure 4-4
ERM-Q Values and Proposed Remedial Footprint, 3-4 ft, bgs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut





LEGEND
ERM-Q 8 Metals 5-6 ft bgs

- <= 0.5
- > 0.5
- Margins of Dredged Housatonic River Channel
- Outfall_Locations



2014 Aerial Imagery
 USDA National Agriculture
 Imagery Program

N

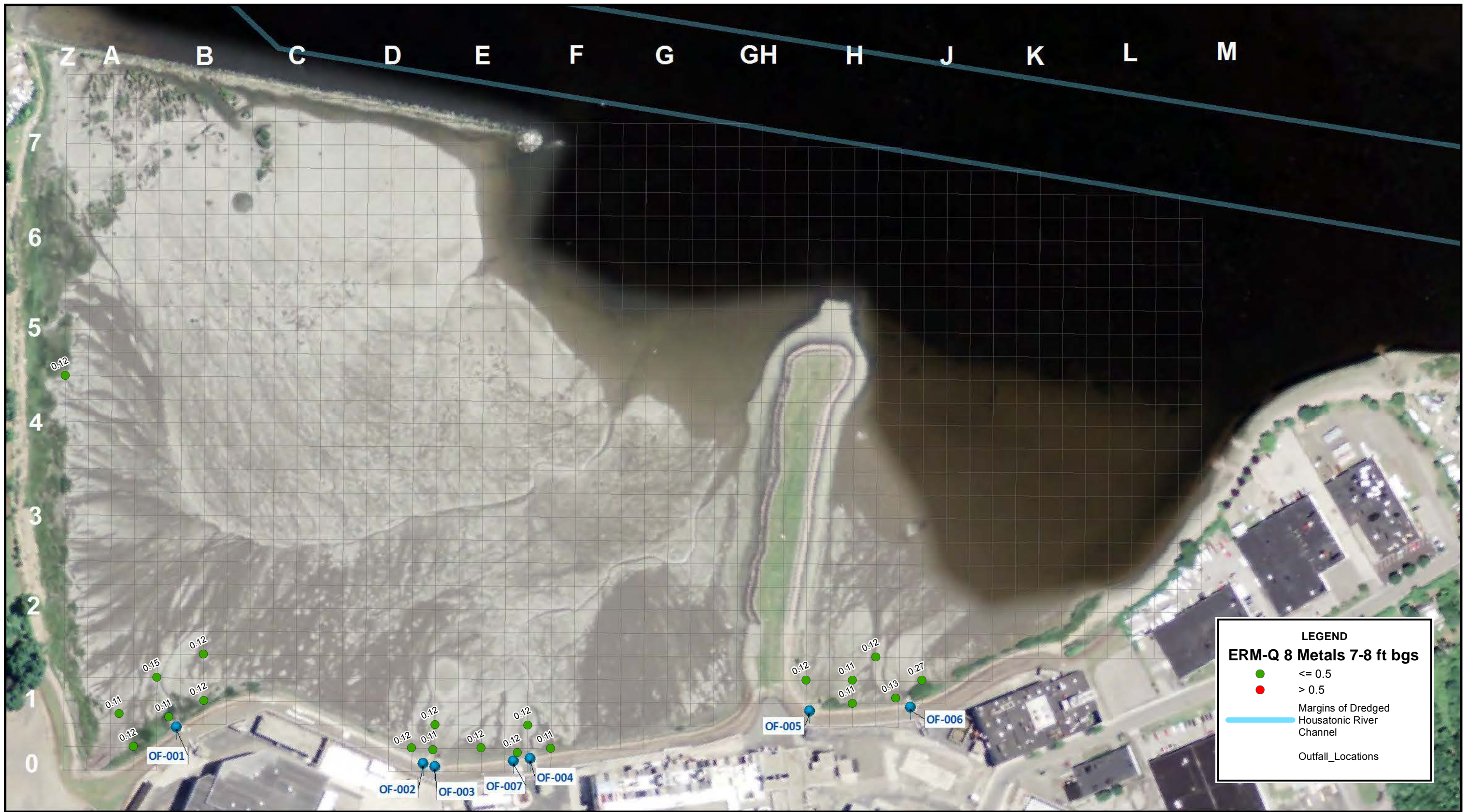
0 100 200 400 600
 Feet

Prepared/Date: DRP 05/30/17 Checked/Date: JAK 05/30/2017

Figure 4-5
 ERM-Q Values 5-6 ft, bgs
 Tidal Flats

Stratford Army Engine Plant
 Stratford, Connecticut





LEGEND
ERM-Q 8 Metals 7-8 ft bgs

- ≤ 0.5
- > 0.5
- Margins of Dredged Housatonic River Channel
- Outfall_Locations



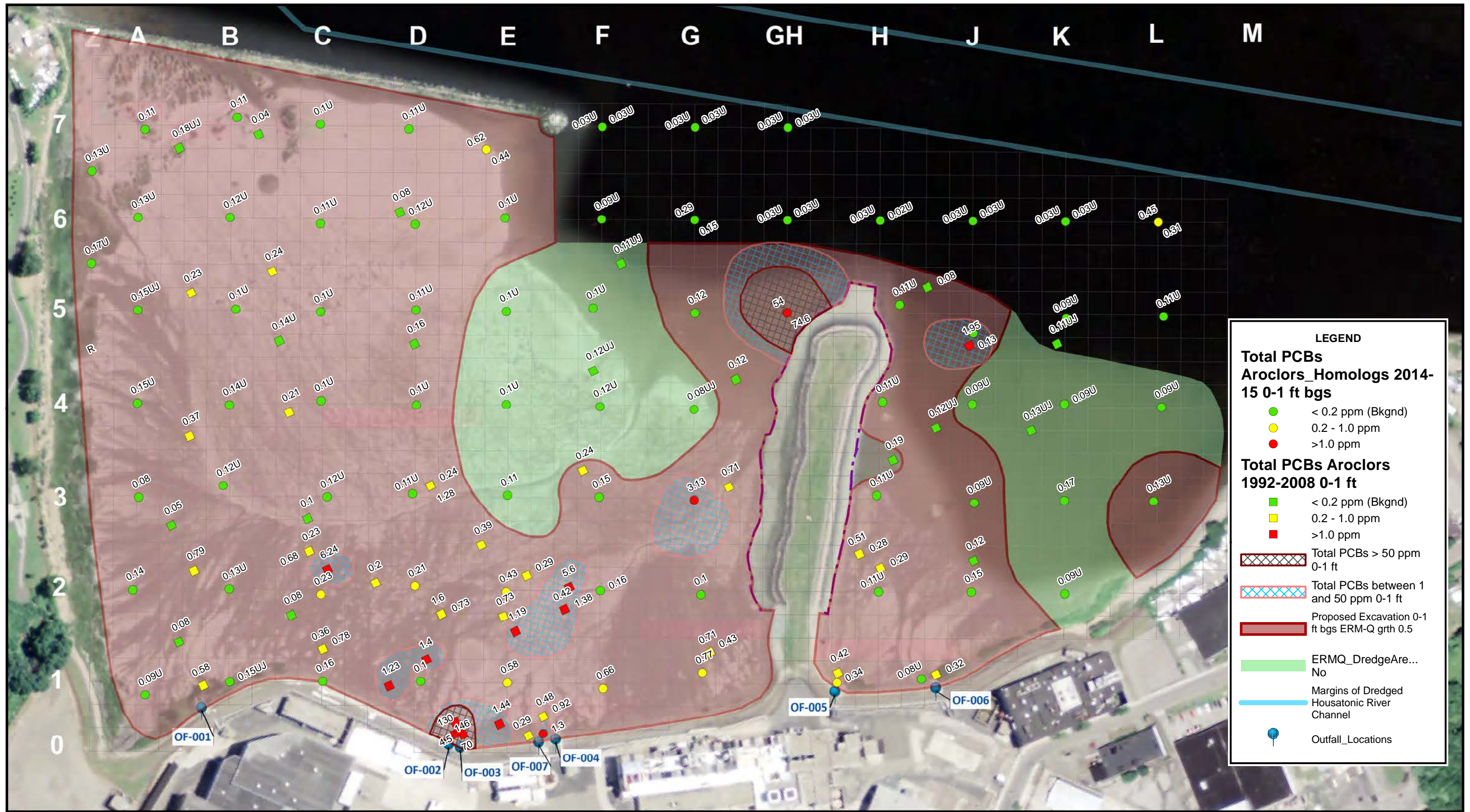
2014 Aerial Imagery
 USDA National Agriculture Imagery Program

0 100 200 400 600 Feet

Prepared/Date: DRP 05/30/17 Checked/Date: JAK 05/30/2017

Figure 4-6
 ERM-Q Values, 7-8 ft bgs
 Tidal Flats
 Stratford Army Engine Plant
 Stratford, Connecticut





LEGEND

Total PCBs Aroclors Homologs 2014-15 0-1 ft bgs

- < 0.2 ppm (Bkgnd)
- 0.2 - 1.0 ppm
- >1.0 ppm

Total PCBs Aroclors 1992-2008 0-1 ft

- < 0.2 ppm (Bkgnd)
- 0.2 - 1.0 ppm
- >1.0 ppm

- ▨ Total PCBs > 50 ppm 0-1 ft
- ▨ Total PCBs between 1 and 50 ppm 0-1 ft
- ▨ Proposed Excavation 0-1 ft bgs ERM-Q grth 0.5
- ▨ ERMQ_DredgeAre... No
- ▨ Margins of Dredged Housatonic River Channel
- Outfall_Locations



2014 Aerial Imagery
USDA National Agriculture
Imagery Program

0 100 200 400 600 Feet

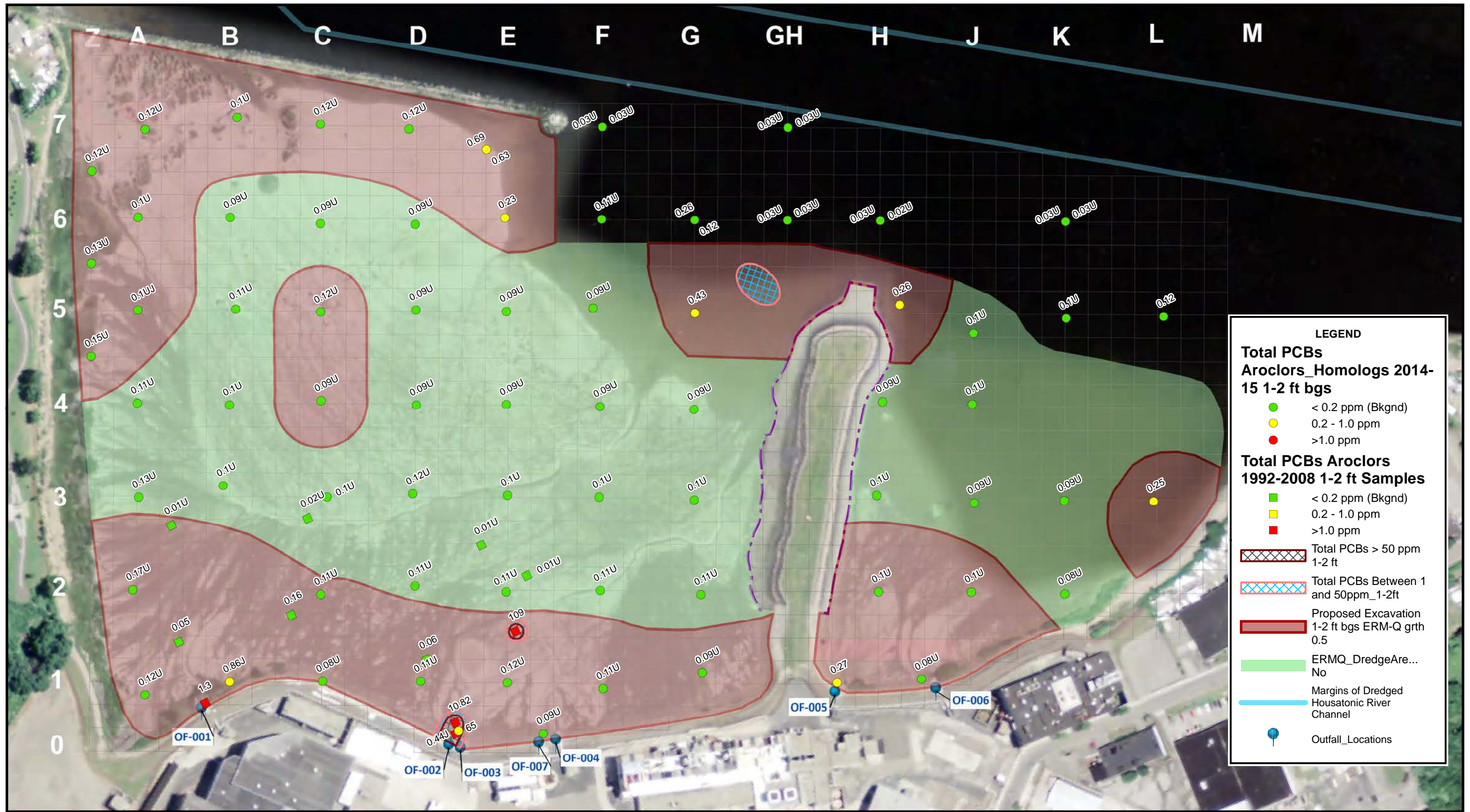
Prepared/Date: DRP 07/21/2018 | Checked/Date: TD 07/21/2018

Notes: 1) All concentrations are in parts per million (ppm)
 2) Labels adjacent to sampling locations reflect the Total PCB Homolog concentration; if there are two sets of labels per point, the other represents the Total PCB Aroclor concentration.
 3) The background concentration for Total PCBs of 0.2 ppm is that provided by CT DEEP.

Figure 4-7
Total PCBs and Proposed Remedial Footprint, 0-1 ft, bgs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut





LEGEND

Total PCBs Aroclors_Homologs 2014-15 1-2 ft bgs

- < 0.2 ppm (Bkgnd)
- 0.2 - 1.0 ppm
- >1.0 ppm

Total PCBs Aroclors 1992-2008 1-2 ft Samples

- < 0.2 ppm (Bkgnd)
- 0.2 - 1.0 ppm
- >1.0 ppm

- Total PCBs > 50 ppm 1-2 ft
- Total PCBs Between 1 and 50ppm_1-2ft
- Proposed Excavation 1-2 ft bgs ERM-Q grth 0.5
- ERMQ_DredgeAre... No
- Margins of Dredged Housatonic River Channel
- Outfall_Locations



2014 Aerial Imagery
USDA National Agriculture Imagery Program

0 100 200 400 600 Feet

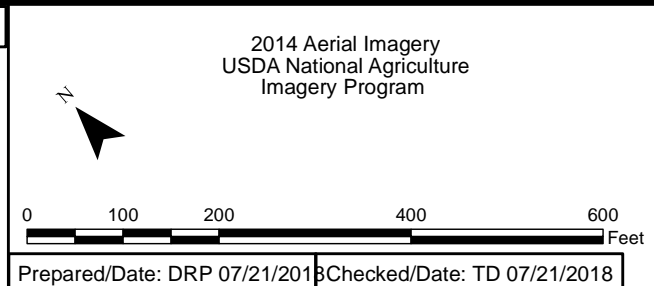
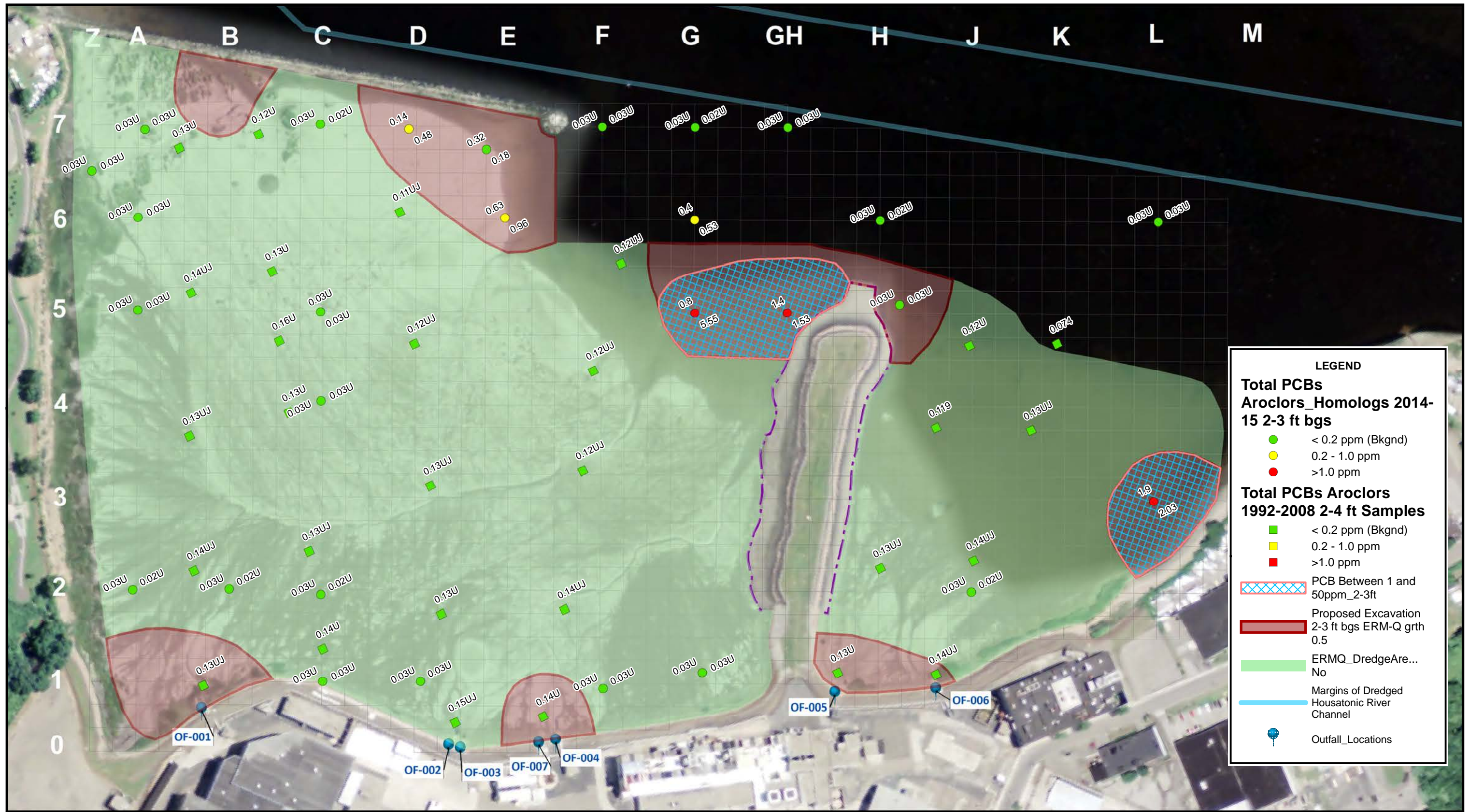
Prepared/Date: DRP 07/21/2018 Checked/Date: TD 07/21/2018

Notes: 1) All concentrations are in parts per million (ppm)
 2) Labels adjacent to sampling locations reflect the Total PCB Homolog concentration; if there are two sets of labels per point, the other represents the Total PCB Aroclor concentration.
 3) The background concentration for Total PCBs of 0.2 ppm is that provided by CT DEEP.

Figure 4-8
Total PCBs and Proposed Remedial Footprint, 1-2 ft, bgs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut



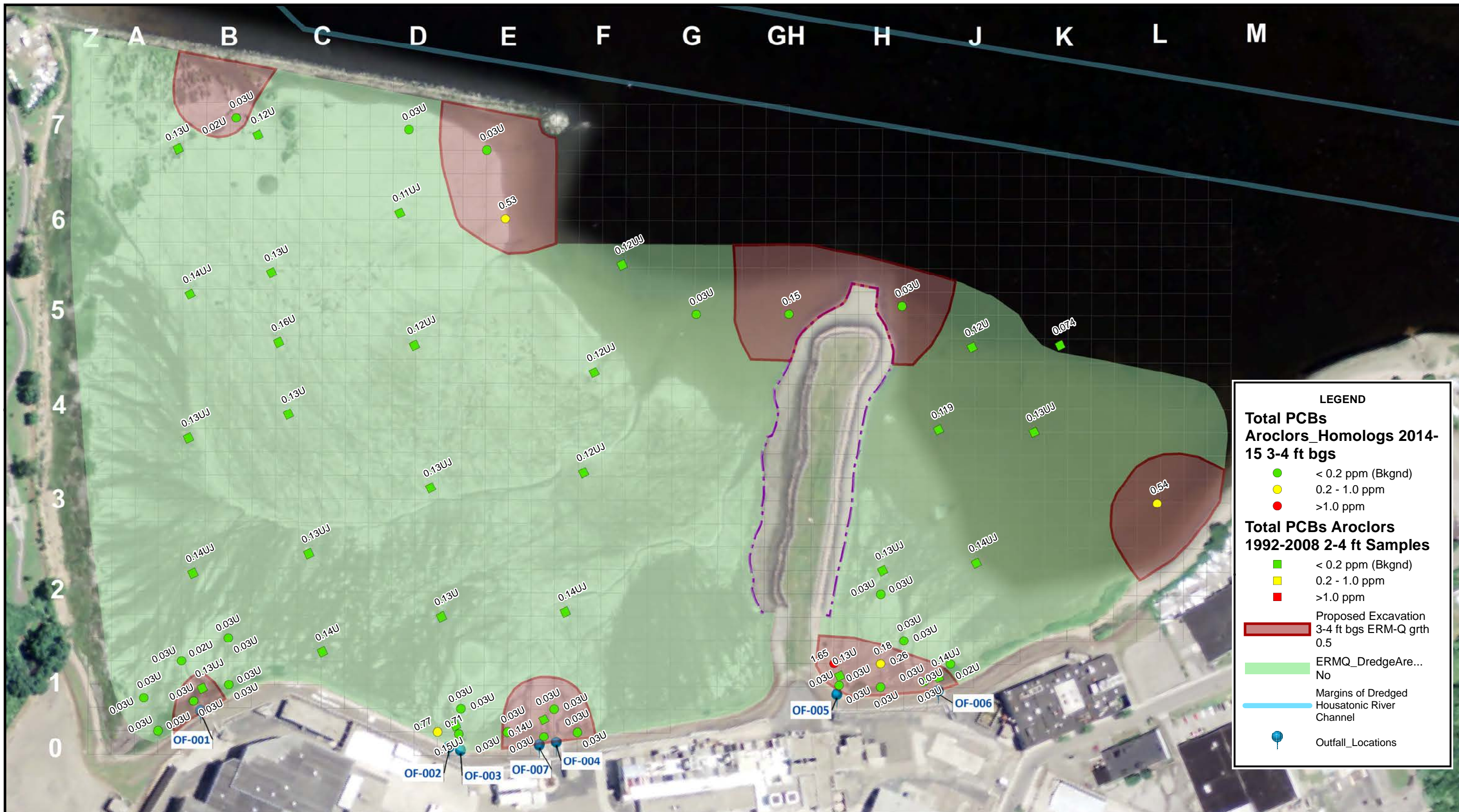


Notes: 1) All concentrations are in parts per million (ppm)
 2) Labels adjacent to sampling locations reflect the Total PCB Homolog concentration;
 if there are two sets of labels per point, the other represents the Total PCB Aroclor concentration.
 3) The background concentration for Total PCBs of 0.2 ppm is that provided by CT DEEP.

Figure 4-9
Total PCBs and Proposed Remedial Footprint, 2-3 ft, bgs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut





LEGEND

Total PCBs Aroclors_Homologs 2014-15 3-4 ft bgs

- < 0.2 ppm (Bkgnd)
- 0.2 - 1.0 ppm
- >1.0 ppm

Total PCBs Aroclors 1992-2008 2-4 ft Samples

- < 0.2 ppm (Bkgnd)
- 0.2 - 1.0 ppm
- >1.0 ppm

- Proposed Excavation 3-4 ft bgs ERM-Q grth 0.5
- ERMQ_DredgeAre... No
- Margins of Dredged Housatonic River Channel
- Outfall_Locations



2014 Aerial Imagery
USDA National Agriculture
Imagery Program

0 100 200 400 600 Feet

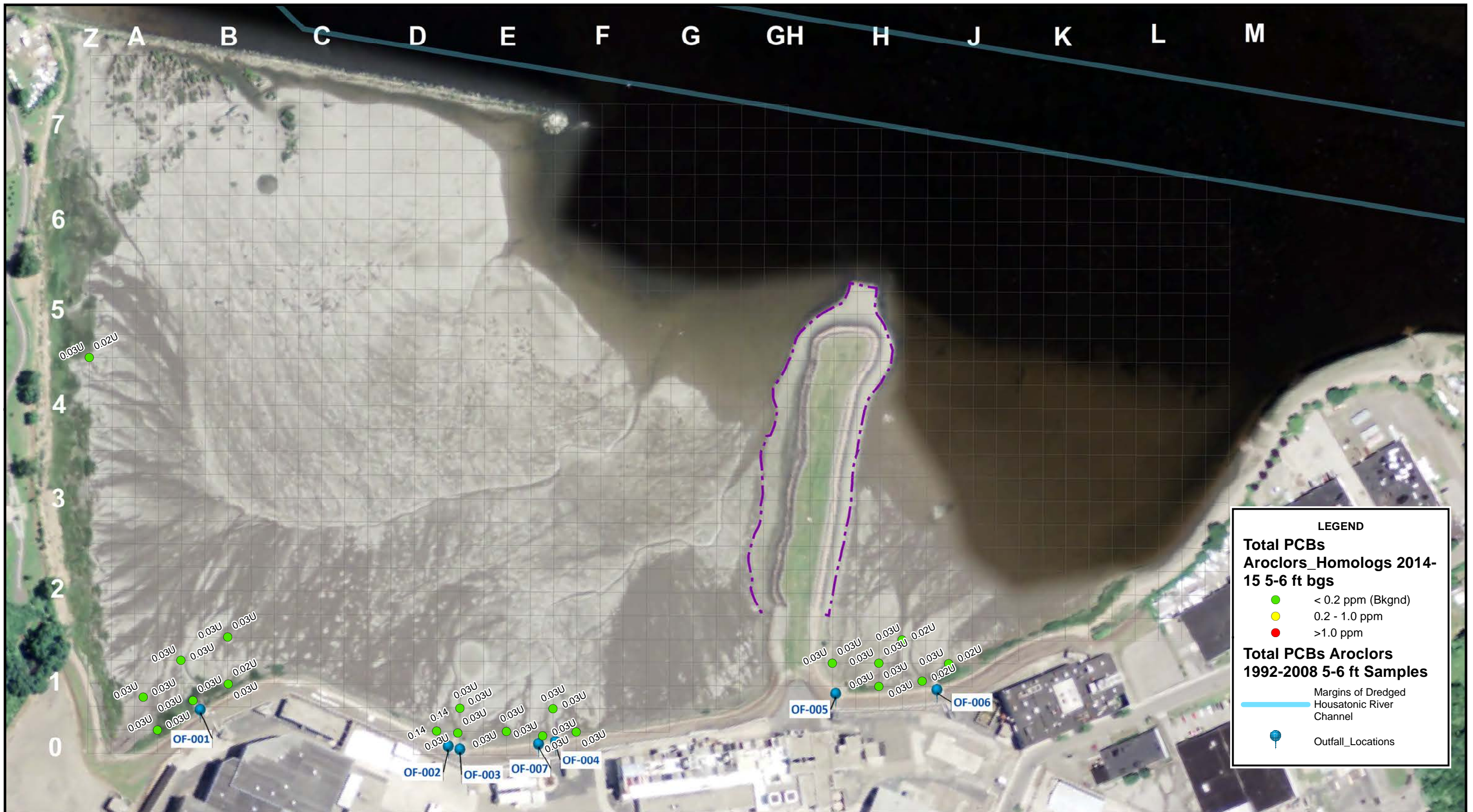
Prepared/Date: DRP 07/21/2018 Checked/Date: TD 07/21/2018

Notes: 1) All concentrations are in parts per million (ppm)
 2) Labels adjacent to sampling locations reflect the Total PCB Homolog concentration;
 if there are two sets of labels per point, the other represents the Total PCB Aroclor concentration.
 3) The background concentration for Total PCBs of 0.2 ppm is that provided by CT DEEP.

Figure 4-10
 Total PCBs and Proposed Remedial Footprint, 3-4 ft, bgs
 Tidal Flats

Stratford Army Engine Plant
 Stratford, Connecticut





LEGEND

Total PCBs Aroclors Homologs 2014-15 5-6 ft bgs

- < 0.2 ppm (Bkgnd)
- 0.2 - 1.0 ppm
- >1.0 ppm

Total PCBs Aroclors 1992-2008 5-6 ft Samples

- Margins of Dredged Housatonic River Channel
- Outfall_Locations



2014 Aerial Imagery
USDA National Agriculture Imagery Program

0 100 200 400 600 Feet

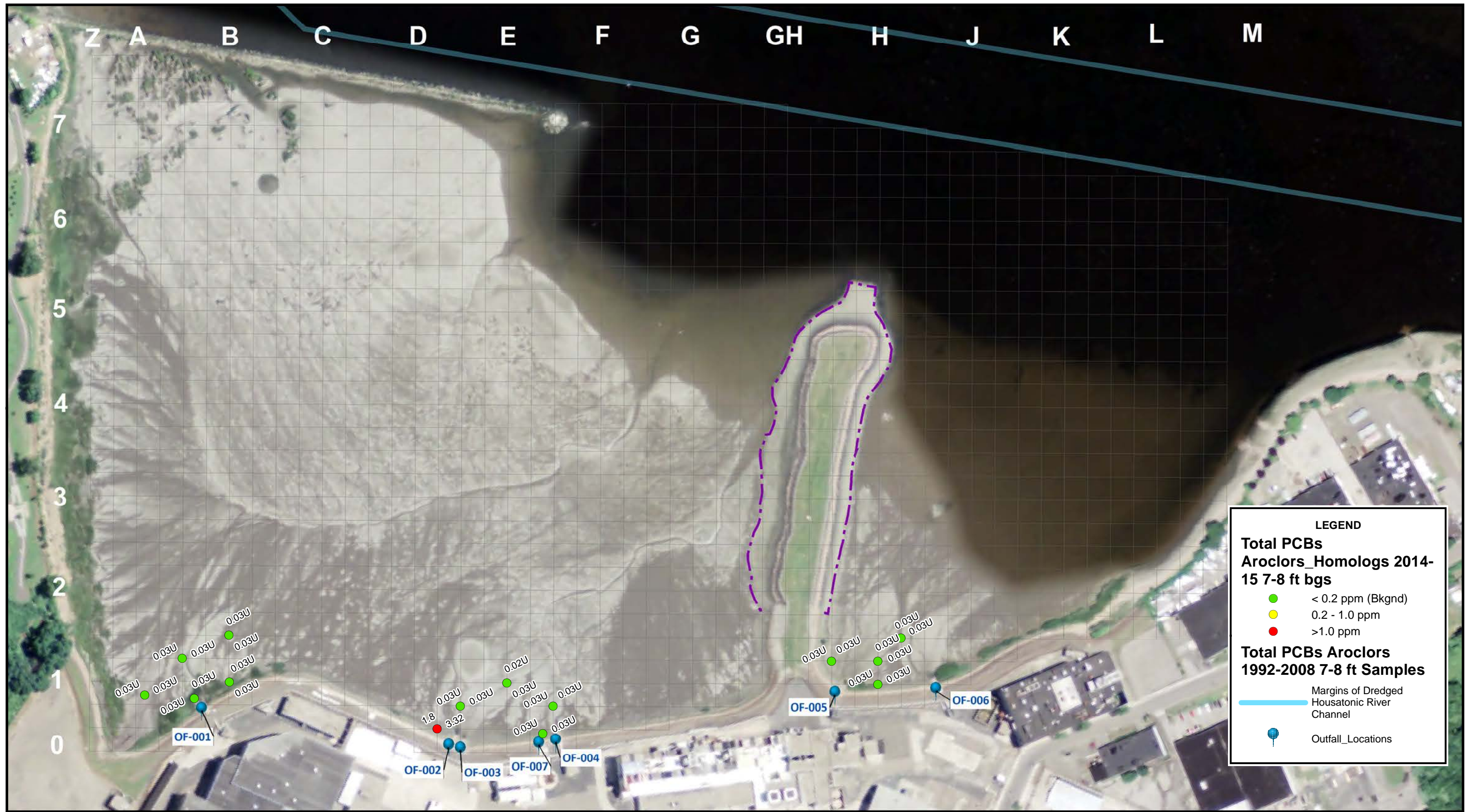
Prepared/Date: DRP 07/21/2018 Checked/Date: TD 07/21/2018

Notes: 1) All concentrations are in parts per million (ppm)
 2) Labels adjacent to sampling locations reflect the Total PCB Homolog concentration; if there are two sets of labels per point, the other represents the Total PCB Aroclor concentration.
 3) The background concentration for Total PCBs of 0.2 ppm is that provided by CT DEEP.

Figure 4-11
 Total PCBs and Proposed Remedial Footprint, 5-6 ft, bgs
 Tidal Flats

Stratford Army Engine Plant
 Stratford, Connecticut





LEGEND

Total PCBs Aroclors Homologs 2014-15 7-8 ft bgs

- < 0.2 ppm (Bkgnd)
- 0.2 - 1.0 ppm
- >1.0 ppm

Total PCBs Aroclors 1992-2008 7-8 ft Samples

- Margins of Dredged Housatonic River Channel
- Outfall_Locations



2014 Aerial Imagery
USDA National Agriculture Imagery Program

0 100 200 400 600 Feet

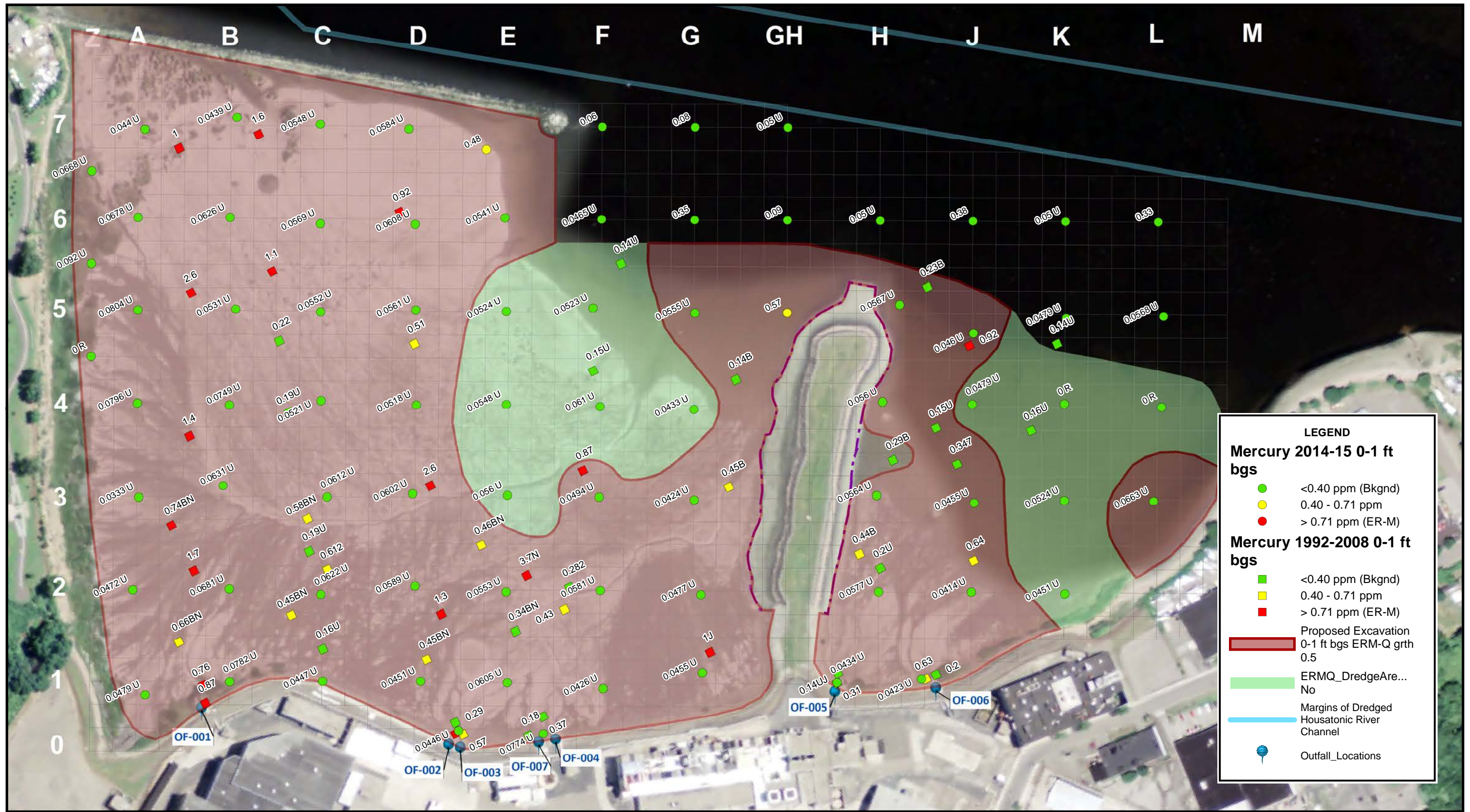
Prepared/Date: DRP 07/21/2018 Checked/Date: TD 07/21/2018

Notes: 1) All concentrations are in parts per million (ppm)
 2) Labels adjacent to sampling locations reflect the Total PCB Homolog concentration; if there are two sets of labels per point, the other represents the Total PCB Aroclor concentration.
 3) The background concentration for Total PCBs of 0.2 ppm is that provided by CT DEEP.

Figure 4-12
 Total PCBs and Proposed Remedial Footprint, 7-8 ft, bgs
 Tidal Flats

Stratford Army Engine Plant
 Stratford, Connecticut





LEGEND

Mercury 2014-15 0-1 ft bgs

- <0.40 ppm (Bkgnd)
- 0.40 - 0.71 ppm
- > 0.71 ppm (ER-M)

Mercury 1992-2008 0-1 ft bgs

- <0.40 ppm (Bkgnd)
- 0.40 - 0.71 ppm
- > 0.71 ppm (ER-M)

- Proposed Excavation 0-1 ft bgs ERM-Q grth 0.5
- ERMQ_DredgeArea... No
- Margins of Dredged Housatonic River Channel
- Outfall_Locations



2014 Aerial Imagery
USDA National Agriculture
Imagery Program

0 100 200 400 600
Feet

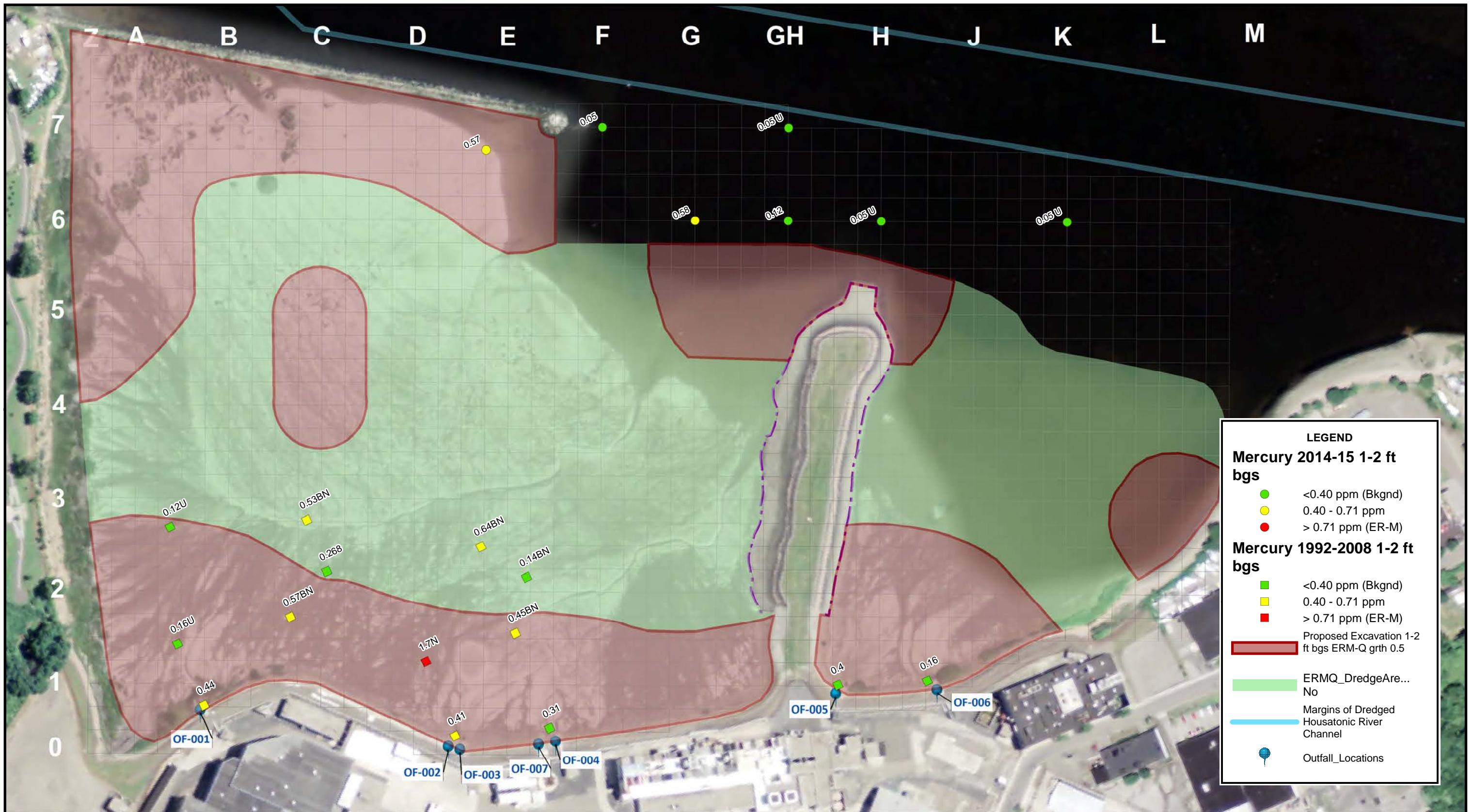
Prepared/Date: DRP 07/21/2018 Checked/Date: TD 07/21/2018

Notes:
 1) All concentrations are in parts per million (ppm)
 2) The background concentration for Mercury of 0.40 ppm is that proposed by CT DEEP.

Figure 4-13
 Mercury and Proposed Remedial Footprint, 0-1 ft, bgs
 Tidal Flats

Stratford Army Engine Plant
 Stratford, Connecticut





LEGEND

Mercury 2014-15 1-2 ft bgs

- <0.40 ppm (Bkgnd)
- 0.40 - 0.71 ppm
- > 0.71 ppm (ER-M)

Mercury 1992-2008 1-2 ft bgs

- <0.40 ppm (Bkgnd)
- 0.40 - 0.71 ppm
- > 0.71 ppm (ER-M)

- Proposed Excavation 1-2 ft bgs ERM-Q grth 0.5
- ERMQ_DredgeAre... No
- Margins of Dredged Housatonic River Channel
- Outfall_Locations



2014 Aerial Imagery
USDA National Agriculture
Imagery Program

0 100 200 400 600
Feet

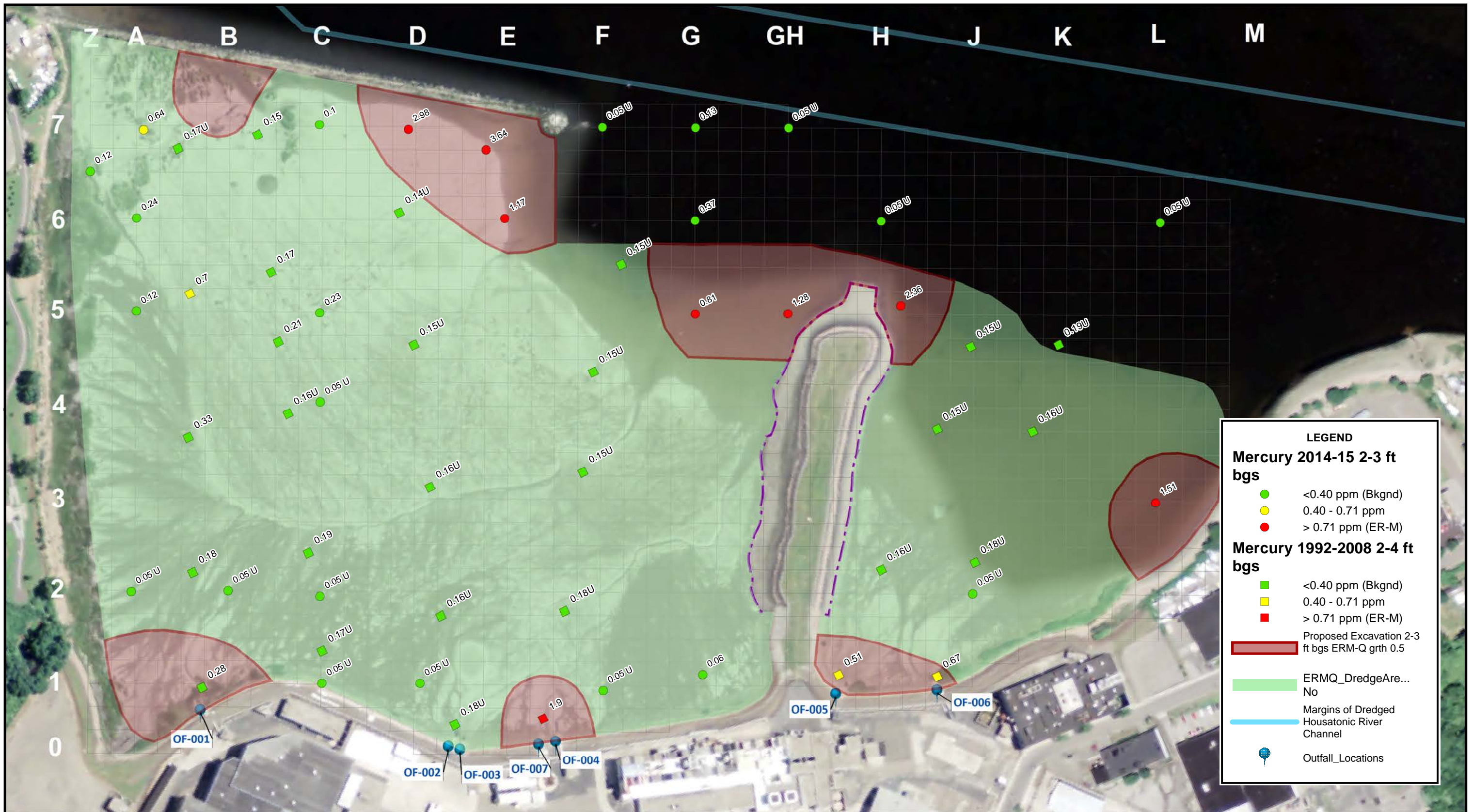
Prepared/Date: DRP 07/21/2018 Checked/Date: TD 07/21/2018

Notes:
 1) All concentrations are in parts per million (ppm)
 2) The background concentration for Mercury of 0.40 ppm is that proposed by CT DEEP.

Figure 4-14
 Mercury and Proposed Remedial Footprint, 1-2 ft, bgs
 Tidal Flats

Stratford Army Engine Plant
 Stratford, Connecticut





LEGEND

Mercury 2014-15 2-3 ft bgs

- <0.40 ppm (Bkgnd)
- 0.40 - 0.71 ppm
- > 0.71 ppm (ER-M)

Mercury 1992-2008 2-4 ft bgs

- <0.40 ppm (Bkgnd)
- 0.40 - 0.71 ppm
- > 0.71 ppm (ER-M)

- Proposed Excavation 2-3 ft bgs ERM-Q grth 0.5
- ERMQ_DredgeAre... No
- Margins of Dredged Housatonic River Channel
- Outfall_Locations



2014 Aerial Imagery
USDA National Agriculture Imagery Program

0 100 200 400 600 Feet

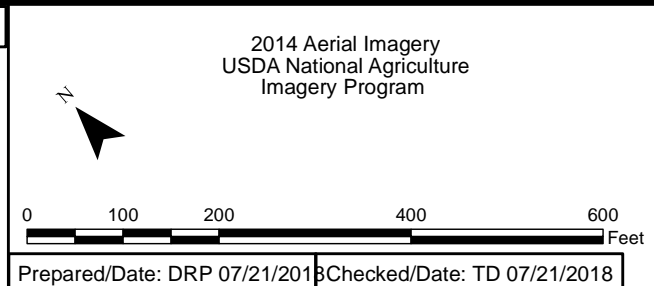
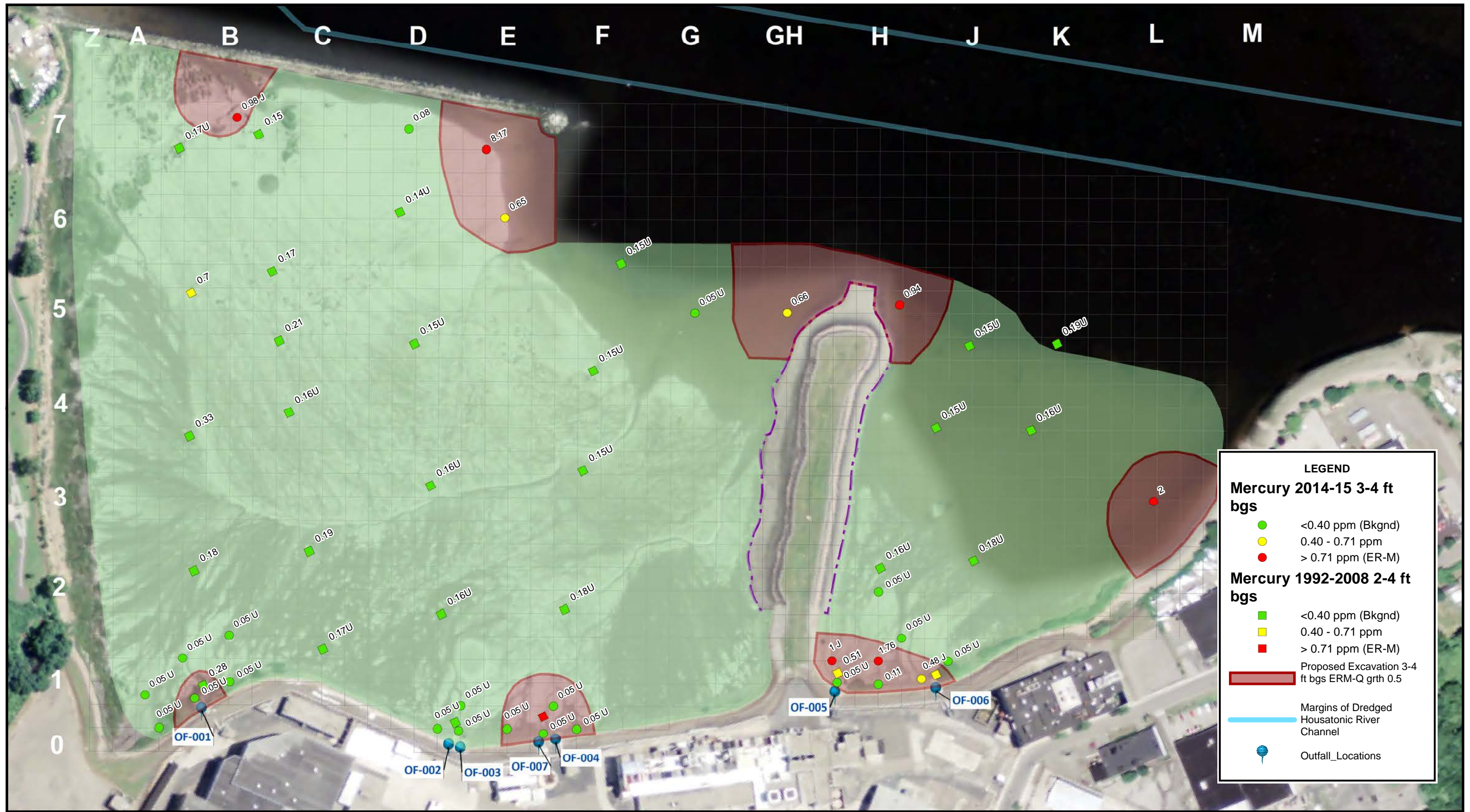
Prepared/Date: DRP 07/21/2018 Checked/Date: TD 07/21/2018

Notes:
 1) All concentrations are in parts per million (ppm)
 2) The background concentration for Mercury of 0.40 ppm is that proposed by CT DEEP.

Figure 4-15
 Mercury and Proposed Remedial Footprint, 2-3 ft, bgs
 Tidal Flats

Stratford Army Engine Plant
 Stratford, Connecticut



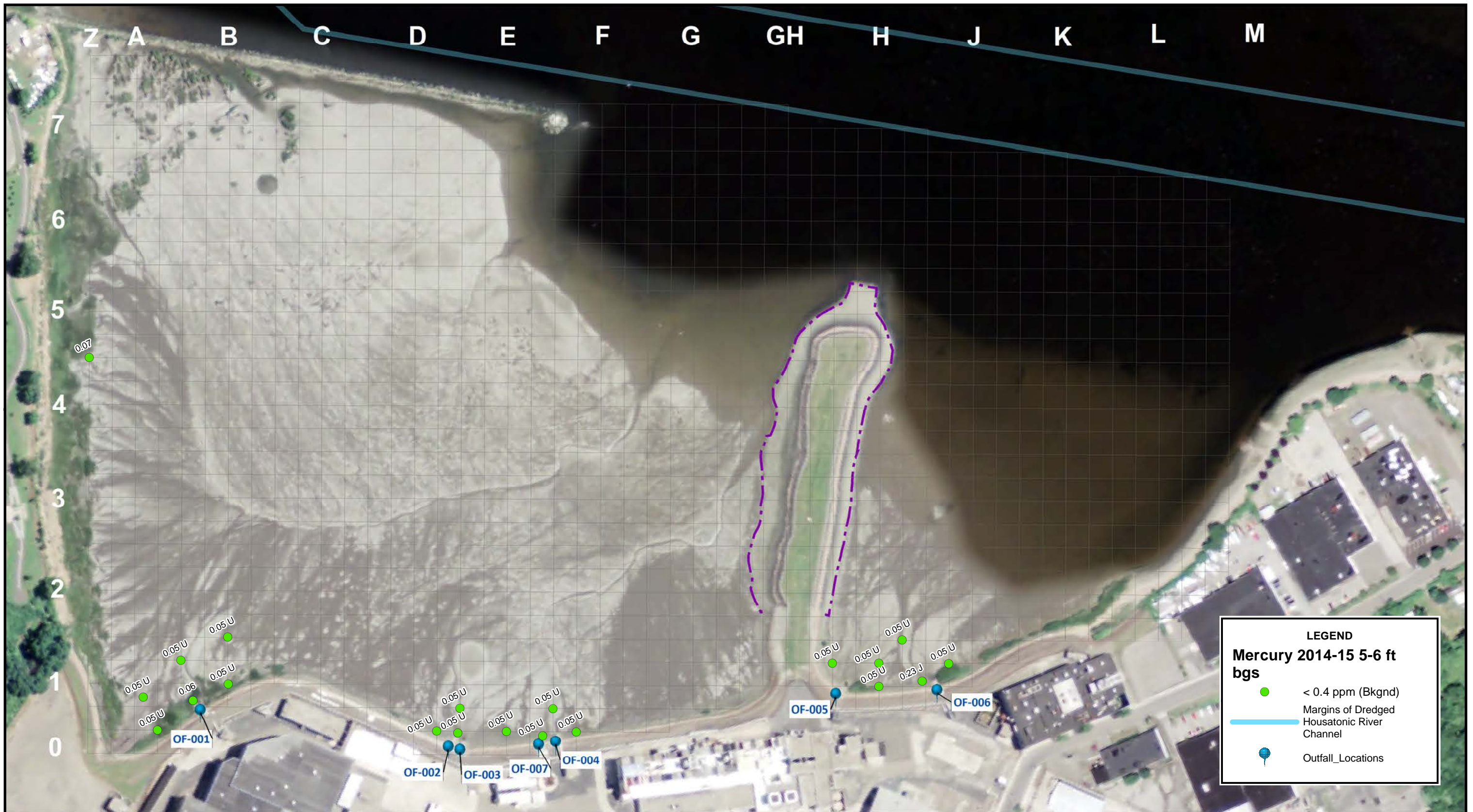


Notes:
 1) All concentrations are in parts per million (ppm)
 2) The background concentration for Mercury of 0.40 ppm is that proposed by CT DEEP.

Figure 4-16
 Mercury and Proposed Remedial Footprint, 3-4 ft, bgs
 Tidal Flats

Stratford Army Engine Plant
 Stratford, Connecticut





LEGEND

Mercury 2014-15 5-6 ft bgs

- < 0.4 ppm (Bkgnd)
- Margins of Dredged
- Housatonic River Channel
- Outfall_Locations



2014 Aerial Imagery
USDA National Agriculture
Imagery Program

0 100 200 400 600
Feet

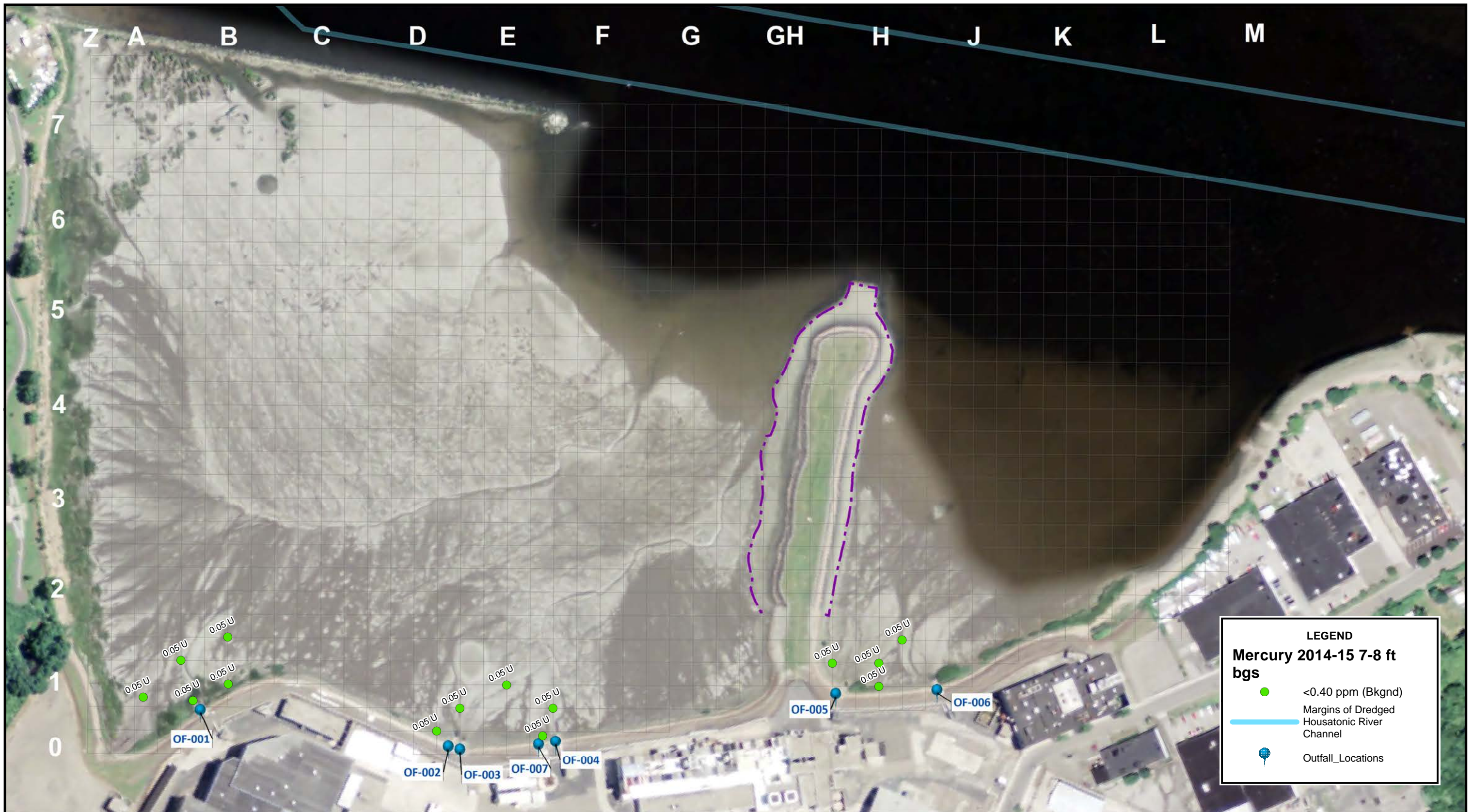
Prepared/Date: DRP 07/21/2018 Checked/Date: TD 07/21/2018

Notes:
 1) All concentrations are in parts per million (ppm)
 2) The background concentration for Mercury of 0.40 ppm is that proposed by CT DEEP.

Figure 4-17
 Mercury and Proposed Remedial Footprint, 5-6 ft, bgs
 Tidal Flats

Stratford Army Engine Plant
 Stratford, Connecticut





LEGEND
Mercury 2014-15 7-8 ft bgs

- <0.40 ppm (Bkgnd)
- Margins of Dredged Housatonic River Channel
- Outfall_Locations

Notes:
 1) All concentrations are in parts per million (ppm)
 2) The background concentration for Mercury of 0.40 ppm is that proposed by CT DEEP.

Figure 4-18
 Mercury and Proposed Remedial Footprint, 7-8 ft, bgs
 Tidal Flats

Stratford Army Engine Plant
 Stratford, Connecticut

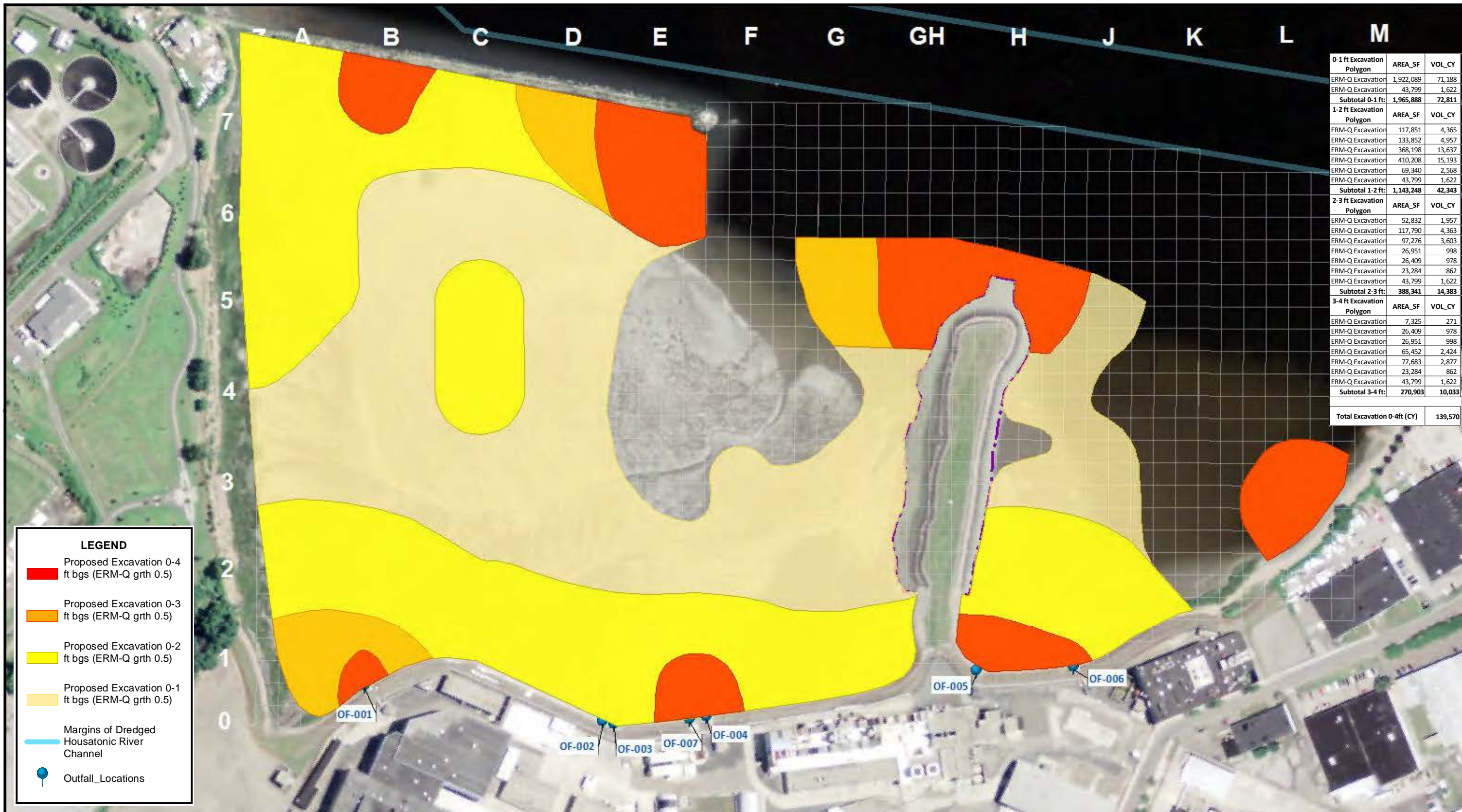


2014 Aerial Imagery
 USDA National Agriculture
 Imagery Program

0 100 200 400 600
 Feet

Prepared/Date: DRP 07/21/2018 Checked/Date: TD 07/21/2018





LEGEND

- Proposed Excavation 0-4 ft bgs (ERM-Q grth 0.5)
- Proposed Excavation 0-3 ft bgs (ERM-Q grth 0.5)
- Proposed Excavation 0-2 ft bgs (ERM-Q grth 0.5)
- Proposed Excavation 0-1 ft bgs (ERM-Q grth 0.5)
- Margins of Dredged Housatonic River Channel
- Outfall Locations



2014 Aerial Imagery
USDA National Agriculture
Imagery Program

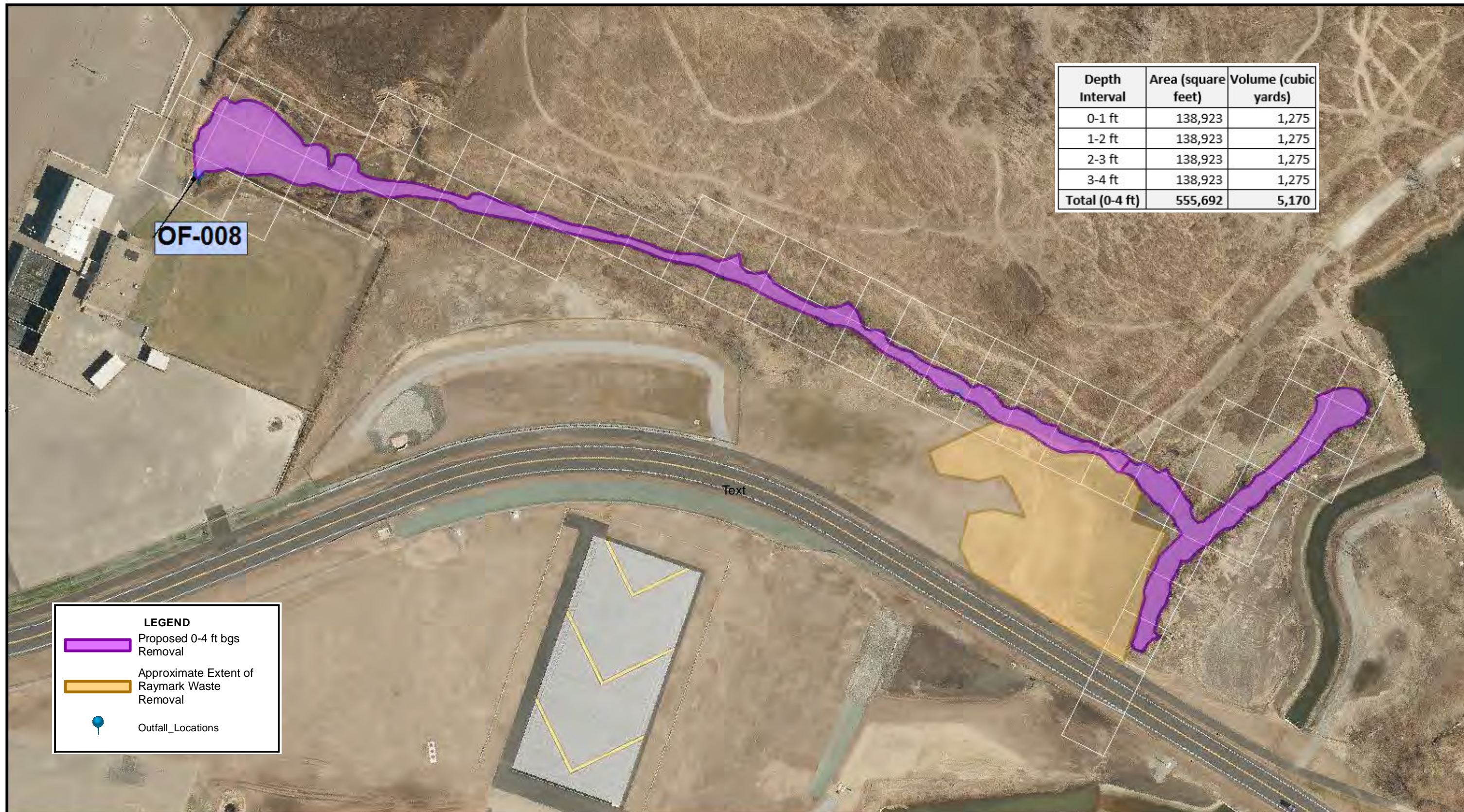
0 100 200 400 600 Feet

Prepared/Date: DRP 5/30/2017 Checked/Date: JAK 5/30/2017

Figure 4-19
Proposed Remedial Footprint 0-4 ft, bgs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut





Depth Interval	Area (square feet)	Volume (cubic yards)
0-1 ft	138,923	1,275
1-2 ft	138,923	1,275
2-3 ft	138,923	1,275
3-4 ft	138,923	1,275
Total (0-4 ft)	555,692	5,170

LEGEND

- Proposed 0-4 ft bgs Removal
- Approximate Extent of Raymark Waste Removal
- Outfall_Locations

Text



2014 Aerial Imagery
USDA National Agriculture
Imagery Program

0 50 100 200 300 Feet

Prepared/Date: DRP 04/17/17 Checked/Date:

Figure 4-20
Proposed Remedial Footprint 0-4 ft, bgs
Outfall 008 Drainage Ditch

Stratford Army Engine Plant
Stratford, Connecticut



TABLES

**TABLE 2-1
SEDIMENT SAMPLING ANALYTICAL MATRIX**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

Area	Location ID	Field Sample ID	Sample Date	Analytical Method		SW6020 Metals	SW7471 Mercury	SW9010A Cyanide	SW8082 PCB Aroclors	8270SIM PCB Homologs	E680 PCB Homologs	SW8270 SVOCs	EPA/600/M4 //82/020 Asbestos	LYDKHN TOC	SW 846 8270 PAHs	SW 846 8270/EPA PCB Congeners	SW9060 TOC
				Top Depth (ft)	Bottom Depth (ft)												
Reference Area	SD2014-REF-01	SD14REF0100FS	05/01/14	0	0.5				X		X						
Reference Area	SD2014-REF-02	SD14REF0200FS	04/18/14	0	0.5	X	X	X	X		X	X	X	X			
Reference Area	SD2014-REF-03	SD14REF0300FS	04/18/14	0	0.5	X	X	X	X		X	X	X	X			
Reference Area	SD2014-REF-04	SD14REF0400FS	05/01/14	0	0.5				X		X						
Reference Area	SD2014-REF-05	SD14REF0500FS	04/18/14	0	0.5	X	X	X	X		X	X	X	X			
Reference Area	SD2014-REF-06	SD14REF0600FS	05/01/14	0	0.5				X		X						
Reference Area	SD2014-REF-07	SD14REF0700FS	05/01/14	0	0.5				X		X						
Reference Area	SD2014-REF-08	SD14REF0800FS	04/18/14	0	0.5						X						
Reference Area	SD2014-REF-09	SD14REF0900FS	05/01/14	0	0.5				X		X						
Reference Area	SD2014-REF-10	SD14REF1000FS	05/01/14	0	0.5				X		X						
Reference Area	SD2014-REF-11	SD14REF1100FS	05/01/14	0	0.5				X		X						
Reference Area	SD2014-REF-15	SD14REF1500FS	05/01/14	0	0.5				X		X						
Reference Area	SD2014-REF-17	SD14REF1700FS	04/17/14	0	0.5	X	X	X	X		X	X	X	X			
Reference Area	SD2014-REF-18	SD14REF1800FS	04/17/14	0	0.5	X	X	X	X		X	X	X	X			
Reference Area	SD2014-REF-19	SD14REF1900FS	05/01/14	0	0.5				X		X						
Reference Area	SD2014-REF-21	SD14REF2100FS	05/01/14	0	0.5				X		X						
Reference Area	SD2014-REF-23	SD14REF2300FS	05/01/14	0	0.5				X		X						
Reference Area	SD2014-REF-25	SD14REF2500FS	05/01/14	0	0.5				X		X						
Reference Area	SD2014-REF-26	SD14REF2600FS	05/01/14	0	0.5				X		X						
Reference Area	SD2014-REF-29	SD14REF2900FS	05/01/14	0	0.5				X		X						
Reference Area	SD2014-REF-U2	SD14REFU200FS	05/01/14	0	0.5				X		X						
Reference Area	SD2014-REF-US001A	SD14REFUS100FS	04/17/14	0	0.5	X	X	X	X		X	X	X	X			
Reference Area	SD2014-REF-US002A	SD14REFUS200FS	04/17/14	0	0.5	X	X	X	X		X	X	X	X			
Reference Area	SD2014-REF-US003A	SD14REFUS300FS	05/01/14	0	0.5				X		X						
Tidal Flats	SD2014-TF-A1	SD14TFA100FS	04/28/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-A1	SD14TFA101FS	04/28/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-A1	SD14TFA103FS	04/06/15	3	4	X	X		X	X							
Tidal Flats	SD2014-TF-A1	SD14TFA105FS	04/06/15	5	6	X	X		X	X							
Tidal Flats	SD2014-TF-A1	SD14TFA107FS	04/06/15	7	8	X	X		X	X							
Tidal Flats	SD2014-TF-A2	SD14TFA200FS	04/22/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-A2	SD14TFA201FS	04/22/14	1	2	X	X	X	X		X	X		X			
Tidal Flats	SD2014-TF-A2	SD14TFA202FS	04/03/15	2	3	X	X		X	X					X	X	X
Tidal Flats	SD2014-TF-A3	SD14TFA300FS	04/23/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-A3	SD14TFA301FS	04/23/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-A4	SD14TFA400FS	04/23/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-A4	SD14TFA401FS	04/23/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-A5	SD14TFA500FS	04/23/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-A5	SD14TFA501FS	04/24/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-A5	SD14TFA502FS	04/06/15	2	3	X	X		X	X							
Tidal Flats	SD2014-TF-A6	SD14TFA600FS	04/23/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-A6	SD14TFA601FS	04/24/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-A6	SD14TFA602FS	04/06/15	2	3	X	X		X	X							
Tidal Flats	SD2014-TF-A7	SD14TFA700FS	04/22/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-A7	SD14TFA701FS	04/22/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-A7	SD14TFA702FS	04/06/15	2	3	X	X		X	X							

**TABLE 2-1
SEDIMENT SAMPLING ANALYTICAL MATRIX**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

Area	Location ID	Field Sample ID	Sample Date	Analytical Method		SW6020	SW7471	SW9010A	SW8082	8270SIM	E680	SW8270	EPA/600/M4 //82/020	LYDKHN	SW 846 8270	SW 846 8270/EPA	SW9060
				Top Depth (ft)	Bottom Depth (ft)	Metals	Mercury	Cyanide	PCB Aroclors	PCB Homologs	PCB Homologs	SVOCs	Asbestos	TOC	PAHs	PCB Congeners	TOC
Tidal Flats	SD2014-TF-B1	SD14TFB100FS	04/16/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-B1	SD14TFB101FS	04/16/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-B1	SD14TFB103FS	04/06/15	3	4	X	X		X	X							
Tidal Flats	SD2014-TF-B1	SD14TFB105FS	04/06/15	5	6	X	X		X	X							
Tidal Flats	SD2014-TF-B1	SD14TFB107FS	04/06/15	7	8	X	X		X	X							
Tidal Flats	SD2014-TF-B2	SD14TFB200FS	04/23/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-B2	SD14TFB201FS	04/23/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-B2	SD14TFB202FS	04/03/15	2	3	X	X		X	X							
Tidal Flats	SD2014-TF-B3	SD14TFB300FS	04/28/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-B3	SD14TFB301FS	04/28/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-B4	SD14TFB400FS	04/23/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-B4	SD14TFB401FS	04/23/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-B5	SD14TFB500FS	04/25/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-B5	SD14TFB501FS	04/25/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-B6	SD14TFB600FS	04/25/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-B6	SD14TFB601FS	04/25/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-B7	SD14TFB700FS	04/22/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-B7	SD14TFB701FS	04/22/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-B7	SD14TFB703FS	04/06/15	3	4	X	X		X	X							
Tidal Flats	SD2014-TF-C1	SD14TFC100FS	04/30/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-C1	SD14TFC101FS	04/30/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-C1	SD14TFC102FS	04/03/15	2	3	X	X		X	X							
Tidal Flats	SD2014-TF-C2	SD14TFC200FS	04/25/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-C2	SD14TFC201FS	04/25/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-C2	SD14TFC202FS	04/03/15	2	3	X	X		X	X					X	X	X
Tidal Flats	SD2014-TF-C3	SD14TFC300FS	04/25/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-C3	SD14TFC301FS	04/25/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-C4	SD14TFC400FS	04/25/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-C4	SD14TFC401FS	04/25/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-C4	SD14TFC402FS	04/03/15	2	3	X	X		X	X							
Tidal Flats	SD2014-TF-C5	SD14TFC500FS	04/25/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-C5	SD14TFC501FS	04/25/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-C5	SD14TFC502FS	04/06/15	2	3	X	X		X	X							
Tidal Flats	SD2014-TF-C6	SD14TFC600FS	04/25/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-C6	SD14TFC601FS	04/25/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-C7	SD14TFC700FS	04/23/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-C7	SD14TFC701FS	04/24/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-C7	SD14TFC702FS	04/03/15	2	3	X	X		X	X					X	X	X
Tidal Flats	SD2014-TF-D1	SD14TFD100FS	04/22/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-D1	SD14TFD101FS	04/22/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-D1	SD14TFD102FS	04/03/15	2	3	X	X		X	X							
Tidal Flats	SD2014-TF-D2	SD14TFD200FS	04/25/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-D2	SD14TFD201FS	04/25/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-D3	SD14TFD300FS	04/29/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-D3	SD14TFD301FS	04/29/14	1	2	X		X	X		X	X		X			

**TABLE 2-1
SEDIMENT SAMPLING ANALYTICAL MATRIX**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

Area	Location ID	Field Sample ID	Sample Date	Analytical Method		SW6020 Metals	SW7471 Mercury	SW9010A Cyanide	SW8082 PCB Aroclors	8270SIM PCB Homologs	E680 PCB Homologs	SW8270 SVOCs	EPA/600/M4 //82/020 Asbestos	LYDKHN TOC	SW 846 8270 PAHs	SW 846 8270/EPA PCB Congeners	SW9060 TOC
				Top Depth (ft)	Bottom Depth (ft)												
Tidal Flats	SD2014-TF-D4	SD14TFD400FS	04/29/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-D4	SD14TFD401FS	04/29/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-D5	SD14TFD500FS	05/01/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-D5	SD14TFD501FS	05/01/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-D6	SD14TFD600FS	04/25/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-D6	SD14TFD601FS	04/25/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-D7	SD14TFD700FS	04/25/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-D7	SD14TFD701FS	04/25/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-D7	SD14TFD702FS	04/03/15	2	3	X	X		X	X							
Tidal Flats	SD2014-TF-D7	SD14TFD703FSH	04/03/15	3	4	X	X		X	X							
Tidal Flats	SD2014-TF-DE0	SD14TFDE000FS	04/16/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-DE0	SD14TFDE001FS	04/16/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-DE0	SD14TFDE003FS	04/03/15	3	4	X	X		X	X							
Tidal Flats	SD2014-TF-DE0	SD14TFDE005FS	04/03/15	5	6	X	X		X	X							
Tidal Flats	SD2014-TF-E1	SD14TFE100FS	04/23/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-E1	SD14TFE101FS	04/23/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-E1	SD14TFE107FS	04/07/15	7	8	X	X		X	X							
Tidal Flats	SD2014-TF-E2	SD14TFE200FS	04/25/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-E2	SD14TFE201FS	04/29/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-E3	SD14TFE300FS	05/01/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-E3	SD14TFE301FS	05/01/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-E4	SD14TFE400FS	05/01/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-E4	SD14TFE401FS	05/01/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-E5	SD14TFE500FS	05/01/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-E5	SD14TFE501FS	05/01/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-E6	SD14TFE600FS	05/01/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-E6	SD14TFE601FS	05/01/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-E6	SD14TFE602FS	04/02/15	2	3	X	X		X	X				X	X	X	X
Tidal Flats	SD2014-TF-E6	SD14TFE603FSH	04/02/15	3	4	X	X		X	X				X	X	X	X
Tidal Flats	SD2014-TF-E6	SD14TFE603FSH	04/07/15	3	4	X											
Tidal Flats	SD2014-TF-EF0	SD14TFEF000FS	04/16/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-EF0	SD14TFEF001FS	04/16/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-EF0	SD14TFEF003FS	04/03/15	3	4	X	X		X	X							
Tidal Flats	SD2014-TF-EF0	SD14TFEF005FS	04/03/15	5	6	X	X		X	X							
Tidal Flats	SD2014-TF-EF0	SD14TFEF007FS	04/03/15	7	8	X	X		X	X							
Tidal Flats	SD2014-TF-F1	SD14TFFF100FS	04/21/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-F1	SD14TFFF101FS	04/21/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-F1	SD14TFFF102FS	04/03/15	2	3	X	X		X	X							
Tidal Flats	SD2014-TF-F2	SD14TFFF200FS	04/28/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-F2	SD14TFFF201FS	04/28/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-F3	SD14TFFF300FS	04/25/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-F3	SD14TFFF301FS	04/29/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-F4	SD14TFFF400FS	05/01/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-F4	SD14TFFF401FS	05/01/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-F5	SD14TFFF501FS	04/30/14	1	2	X		X	X		X	X		X			

**TABLE 2-1
SEDIMENT SAMPLING ANALYTICAL MATRIX**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

Area	Location ID	Field Sample ID	Sample Date	Analytical Method		SW6020 Metals	SW7471 Mercury	SW9010A Cyanide	SW8082 PCB Aroclors	8270SIM PCB Homologs	E680 PCB Homologs	SW8270 SVOCs	EPA/600/M4 //82/020 Asbestos	LYDKHN TOC	SW 846 8270 PAHs	SW 846 8270/EPA PCB Congeners	SW9060 TOC
				Top Depth (ft)	Bottom Depth (ft)												
Tidal Flats	SD2014-TF-F5	SD14TF500FS	05/01/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-F6	SD14TF600FS	05/01/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-F6	SD14TF601FS	05/01/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-G1	SD14TFG100FS	04/21/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-G1	SD14TFG101FS	04/21/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-G1	SD14TFG102FS	04/03/15	2	3	X	X		X	X				X	X	X	
Tidal Flats	SD2014-TF-G2	SD14TFG200FS	04/21/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-G2	SD14TFG201FS	04/21/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-G3	SD14TFG300FS	04/21/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-G3	SD14TFG301FS	04/21/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-G4	SD14TFG400FS	04/28/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-G4	SD14TFG401FS	04/28/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-G5	SD14TFG500FS	05/01/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-G5	SD14TFG501FS	05/01/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-G5	SD14TFG502FS	04/02/15	2	3	X	X		X	X				X	X	X	
Tidal Flats	SD2014-TF-G5	SD14TFG503FSH	04/02/15	3	4	X	X		X	X				X	X	X	
Tidal Flats	SD2014-TF-GH1	SD14TFGH100FS	04/16/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-GH1	SD14TFGH101FS	04/16/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-GH1	SD14TFGH103FS	04/06/15	3	4	X	X		X	X							
Tidal Flats	SD2014-TF-H2	SD14TFH200FS	04/16/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-H2	SD14TFH201FS	04/16/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-H2	SD14TFH203FS	04/02/15	3	4	X	X		X	X							
Tidal Flats	SD2014-TF-H3	SD14TFH300FS	05/01/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-H3	SD14TFH301FS	05/01/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-H4	SD14TFH400FS	05/01/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-H4	SD14TFH401FS	05/01/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-H5	SD14TFH500FS	05/01/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-H5	SD14TFH501FS	05/01/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-H5	SD14TFH502FS	04/02/15	2	3	X	X		X	X				X	X	X	
Tidal Flats	SD2014-TF-H5	SD14TFH503FSH	04/02/15	3	4	X	X		X	X				X	X	X	
Tidal Flats	SD2014-TF-HJ1	SD14TFHJ100FS	04/16/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-HJ1	SD14TFHJ101FS	04/16/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-HJ1	SD14TFHJ103FS	04/02/15	3	4	X	X		X	X							
Tidal Flats	SD2014-TF-HJ1	SD14TFHJ105FS	04/02/15	5	6	X	X		X	X							
Tidal Flats	SD2014-TF-HJ1	SD14TFHJ3FS	04/02/15						X	X							
Tidal Flats	SD2014-TF-HJ1	SD14TFHJ5FS	04/02/15						X	X							
Tidal Flats	SD2014-TF-J2	SD14TFJ200FS	04/17/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-J2	SD14TFJ201FS	04/17/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-J2	SD14TFJ202FS	04/02/15	2	3	X	X		X	X							
Tidal Flats	SD2014-TF-J3	SD14TFJ300FS	04/17/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-J3	SD14TFJ301FS	04/17/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-J3	SD15TFJ3FS	04/02/15						X	X							
Tidal Flats	SD2014-TF-J4	SD14TFJ400FS	05/01/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-J4	SD14TFJ401FS	05/01/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-J5	SD14TFJ500FS	04/17/14	0	0.5	X	X	X	X		X	X	X	X			

**TABLE 2-1
SEDIMENT SAMPLING ANALYTICAL MATRIX**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

Area	Location ID	Field Sample ID	Sample Date	Analytical Method		SW6020 Metals	SW7471 Mercury	SW9010A Cyanide	SW8082 PCB Aroclors	8270SIM PCB Homologs	E680 PCB Homologs	SW8270 SVOCs	EPA/600/M4 //82/020 Asbestos	LYDKHN TOC	SW 846 8270 PAHs	SW 846 8270/EPA PCB Congeners	SW9060 TOC
				Top Depth (ft)	Bottom Depth (ft)												
Tidal Flats	SD2014-TF-J5	SD14TFJ501FS	04/17/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-J5	SD15TFJ5FS	04/02/15						X	X							
Tidal Flats	SD2014-TF-K2	SD14TFK200FS	04/24/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-K2	SD14TFK201FS	04/24/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-K3	SD14TFK300FS	05/01/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-K3	SD14TFK301FS	05/01/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-K4	SD14TFK400FS	05/01/14	0	0.5	X	X		X				X				
Tidal Flats	SD2014-TF-K4	SD14TFK401FS	05/01/14	1	2	X											
Tidal Flats	SD2014-TF-K5	SD14TFK500FS	05/01/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-K5	SD14TFK501FS	05/01/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-L3	SD14TFL300FS	05/01/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-L3	SD14TFL301FS	05/01/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-L3	SD14TFL302FS	04/02/15	2	3	X	X		X	X					X	X	X
Tidal Flats	SD2014-TF-L3	SD14TFL303FSH	04/02/15	3	4	X	X		X	X					X	X	X
Tidal Flats	SD2014-TF-L4	SD14TFL400FS	05/01/14	0	0.5	X	X		X		X		X				
Tidal Flats	SD2014-TF-L4	SD14TFL401FS	05/01/14	1	2	X											
Tidal Flats	SD2014-TF-L5	SD14TFL500FS	05/01/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-L5	SD14TFL501FS	05/01/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-ZA45	SD14TFZA4500FS	04/22/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-ZA45	SD14TFZA4501FS	04/22/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-ZA45	SD14TFZA4502FS	04/06/15	5	6	X	X		X	X					X	X	X
Tidal Flats	SD2014-TF-ZA56	SD14TFZA5600FS	04/22/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-ZA56	SD14TFZA5601FS	04/22/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2014-TF-ZA56	SD14TFZA5603FS	04/06/15	6	7	X	X		X	X							
Tidal Flats	SD2014-TF-ZA67	SD14TFZA6700FS	04/23/14	0	0.5	X	X	X	X		X	X	X	X			
Tidal Flats	SD2014-TF-ZA67	SD14TFZA6701FS	04/23/14	1	2	X		X	X		X	X		X			
Tidal Flats	SD2015-TF-ZA67	SD15TFZA6702FS	04/06/15	2	3	X	X		X	X					X	X	X
Tidal Flats	SD2015-TF-A01	SD15TFA0103FS	04/06/15	3	4	X	X		X	X							
Tidal Flats	SD2015-TF-A01	SD15TFA0105FS	04/06/15	5	6	X	X		X	X							
Tidal Flats	SD2015-TF-AB1	SD15TFAB103FS	04/06/15	3	4	X	X		X	X					X	X	X
Tidal Flats	SD2015-TF-AB1	SD15TFAB105FS	04/06/15	5	6	X	X		X	X					X	X	X
Tidal Flats	SD2015-TF-AB1	SD15TFAB107FS	04/06/15	7	8	X	X		X	X					X	X	X
Tidal Flats	SD2015-TF-AB12	SD15TFAB1203FS	04/06/15	3	4	X	X		X	X							
Tidal Flats	SD2015-TF-AB12	SD15TFAB1205FS	04/06/15	5	6	X	X		X	X							
Tidal Flats	SD2015-TF-AB12	SD15TFAB1207FS	04/06/15	7	8	X	X		X	X							
Tidal Flats	SD2015-TF-B12	SD15TFB1203FS	04/03/15	3	4	X	X		X	X							
Tidal Flats	SD2015-TF-B12	SD15TFB1205FS	04/03/15	5	6	X	X		X	X							
Tidal Flats	SD2015-TF-B12	SD15TFB1207FS	04/03/15	7	8	X	X		X	X							
Tidal Flats	SD2015-TF-D0	SD15TFD003FS	04/03/15	3	4	X	X		X	X							
Tidal Flats	SD2015-TF-D0	SD15TFD005FS	04/03/15	5	6	X	X		X	X							
Tidal Flats	SD2015-TF-D0	SD15TFD007FS	04/03/15	7	8	X	X		X	X							
Tidal Flats	SD2015-TF-DE01	SD15TFDE0103FS	04/03/15	3	4	X	X		X	X					X	X	X
Tidal Flats	SD2015-TF-DE01	SD15TFDE0105FS	04/03/15	5	6	X	X		X	X					X	X	X
Tidal Flats	SD2015-TF-DE01	SD15TFDE0107FS	04/03/15	7	8	X	X		X	X					X	X	X
Tidal Flats	SD2015-TF-E0	SD15TFE003FS	04/03/15	3	4	X	X		X	X							

**TABLE 2-1
SEDIMENT SAMPLING ANALYTICAL MATRIX**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

Area	Location ID	Field Sample ID	Sample Date	Analytical Method		SW6020	SW7471	SW9010A	SW8082	8270SIM	E680	SW8270	EPA/600/M4 //82/020	LYDKHN	SW 846 8270	SW 846 8270/EPA	SW9060
				Top Depth (ft)	Bottom Depth (ft)	Metals	Mercury	Cyanide	PCB Aroclors	PCB Homologs	PCB Homologs	SVOCs	Asbestos	TOC	PAHs	PCB Congeners	TOC
Tidal Flats	SD2015-TF-E0	SD15TFE005FS	04/03/15	5	6	X	X		X	X							
Tidal Flats	SD2015-TF-E7	SD15TFE700FS	04/02/15	0	0.5	X	X		X	X							
Tidal Flats	SD2015-TF-E7	SD15TFE701FS	04/02/15	1	2	X	X		X	X							
Tidal Flats	SD2015-TF-E7	SD15TFE702FS	04/02/15	2	3	X	X		X	X							
Tidal Flats	SD2015-TF-E7	SD15TFE703FSH	04/02/15	3	4	X	X		X	X							
Tidal Flats	SD2015-TF-EF01	SD15TFEF0103FS	04/03/15	3	4	X	X		X	X							
Tidal Flats	SD2015-TF-EF01	SD15TFEF0105FS	04/03/15	5	6	X	X		X	X							
Tidal Flats	SD2015-TF-EF01	SD15TFEF0107FS	04/03/15	7	8	X	X		X	X							
Tidal Flats	SD2015-TF-EF1	SD15TFEF103FS	04/03/15	3	4	X	X		X	X							
Tidal Flats	SD2015-TF-EF1	SD15TFEF105FS	04/03/15	5	6	X	X		X	X							
Tidal Flats	SD2015-TF-F7	SD15TF700FS	04/03/15	0	0.5	X	X		X	X					X	X	X
Tidal Flats	SD2015-TF-F7	SD15TF701FS	04/03/15	1	2	X	X		X	X					X	X	X
Tidal Flats	SD2015-TF-F7	SD15TF702FS	04/03/15	2	3	X	X		X	X					X	X	X
Tidal Flats	SD2015-TF-G6	SD15TFG600FS	04/02/15	0	0.5	X	X		X	X							
Tidal Flats	SD2015-TF-G6	SD15TFG601FS	04/02/15	1	2	X	X		X	X							
Tidal Flats	SD2015-TF-G6	SD15TFG602FS	04/02/15	2	3	X	X		X	X							
Tidal Flats	SD2015-TF-G7	SD15TFG700FS	04/06/15	0	0.5	X	X		X	X							
Tidal Flats	SD2015-TF-G7	SD15TFG702FS	04/06/15	2	3	X	X		X	X							
Tidal Flats	SD2015-TF-GH12	SD15TFGH1203FS	04/02/15	3	4	X	X		X	X							
Tidal Flats	SD2015-TF-GH12	SD15TFGH1205FS	04/02/15	5	6	X	X		X	X							
Tidal Flats	SD2015-TF-GH12	SD15TFGH1207FS	04/02/15	7	8	X	X		X	X							
Tidal Flats	SD2015-TF-GH5	SD15TFGH500FS	04/02/15	0	0.5	X	X		X	X							
Tidal Flats	SD2015-TF-GH5	SD15TFGH502FS	04/02/15	2	3	X	X		X	X							
Tidal Flats	SD2015-TF-GH5	SD15TFGH503FSH	04/02/15	3	4	X	X		X	X							
Tidal Flats	SD2015-TF-GH6	SD15TFGH600FS	04/02/15	0	0.5	X	X		X	X							
Tidal Flats	SD2015-TF-GH6	SD15TFGH601FS	04/02/15	1	2	X	X		X	X							
Tidal Flats	SD2015-TF-GH7	SD15TFGH700FS	04/03/15	0	0.5	X	X		X	X					X	X	X
Tidal Flats	SD2015-TF-GH7	SD15TFGH701FS	04/03/15	1	2	X	X		X	X					X	X	X
Tidal Flats	SD2015-TF-GH7	SD15TFGH702FS	04/03/15	2	3	X	X		X	X					X	X	X
Tidal Flats	SD2015-TF-H01	SD15TFH0103FS	04/02/15	3	4	X	X		X	X							
Tidal Flats	SD2015-TF-H01	SD15TFH0105FS	04/02/15	5	6	X	X		X	X							
Tidal Flats	SD2015-TF-H01	SD15TFH0107FS	04/02/15	7	8	X	X		X	X							
Tidal Flats	SD2015-TF-H1	SD15TFH103FS	04/02/15	3	4	X	X		X	X							
Tidal Flats	SD2015-TF-H1	SD15TFH105FS	04/02/15	5	6	X	X		X	X							
Tidal Flats	SD2015-TF-H1	SD15TFH107FS	04/02/15	7	8	X	X		X	X							
Tidal Flats	SD2015-TF-H12	SD15TFH1203FS	04/02/15	3	4	X	X		X	X					X	X	X
Tidal Flats	SD2015-TF-H12	SD15TFH1205FS	04/02/15	5	6	X	X		X	X					X	X	X
Tidal Flats	SD2015-TF-H12	SD15TFH1207FS	04/02/15	7	8	X	X		X	X					X	X	X
Tidal Flats	SD2015-TF-H6	SD15TFH600FS	04/03/15	0	0.5	X	X		X	X							
Tidal Flats	SD2015-TF-H6	SD15TFH601FS	04/03/15	1	2	X	X		X	X							
Tidal Flats	SD2015-TF-H6	SD15TFH602FS	04/03/15	2	3	X	X		X	X							
Tidal Flats	SD2015-TF-J1	SD15TFJ103FS	04/02/15	3	4	X	X		X	X							
Tidal Flats	SD2015-TF-J1	SD15TFJ105FS	04/02/15	5	6	X	X		X	X							
Tidal Flats	SD2015-TF-J6	SD15TFJ600FS	04/03/15	0	0.5	X	X		X	X							
Tidal Flats	SD2015-TF-K6	SD15TFK600FS	04/03/15	0	0.5	X	X		X	X					X	X	X

**TABLE 2-1
SEDIMENT SAMPLING ANALYTICAL MATRIX**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

Area	Location ID	Field Sample ID	Sample Date	Analytical Method		SW6020 Metals	SW7471 Mercury	SW9010A Cyanide	SW8082 PCB Aroclors	8270SIM PCB Homologs	E680 PCB Homologs	SW8270 SVOCs	EPA/600/M4 //82/020 Asbestos	LYDKHN TOC	SW 846 8270 PAHs	SW 846 8270/EPA PCB Congeners	SW9060 TOC
				Top Depth (ft)	Bottom Depth (ft)												
Tidal Flats	SD2015-TF-K6	SD15TFK601FS	04/03/15	1	2	X	X		X	X					X	X	X
Tidal Flats	SD2015-TF-L6	SD15TFL600FS	04/06/15	0	0.5	X	X		X	X							
Tidal Flats	SD2015-TF-L6	SD15TFL602FS	04/06/15	2	3	X	X		X	X							
Outfall 008	SD2014-OF8-01	SD14OF80100FS	04/24/14	0	0.5	X	X	X	X			X	X				
Outfall 008	SD2014-OF8-01	SD14OF80101FS	04/24/14	1	2	X		X	X			X	X				
Outfall 008	SD2014-OF8-01	SD14OF0102FS	04/07/15	2	3	X	X		X	X							
Outfall 008	SD2014-OF8-01	SD14OF0103FSH	04/07/15	3	4	X	X		X	X							
Outfall 008	SD2014-OF8-02	SD14OF80200FS	04/15/14	0	0.5	X	X	X	X			X	X				
Outfall 008	SD2014-OF8-02	SD14OF80201FS	04/15/14	1	2	X		X	X			X	X				
Outfall 008	SD2014-OF8-03	SD14OF80300FS	04/24/14	0	0.5	X	X	X	X			X	X				
Outfall 008	SD2014-OF8-03	SD14OF80301FS	04/24/14	1	2	X		X	X			X	X				
Outfall 008	SD2014-OF8-03	SD14OF0302FS	04/07/15	2	3	X	X		X	X					X	X	X
Outfall 008	SD2014-OF8-03	SD14OF0303FS	04/07/15	3	4	X	X		X	X					X	X	X
Outfall 008	SD2014-OF8-04	SD14OF80400FS	04/24/14	0	0.5	X	X	X	X			X	X				
Outfall 008	SD2014-OF8-04	SD14OF80401FS	04/24/14	1	2	X		X	X			X	X				
Outfall 008	SD2014-OF8-04	SD14OF0403FSH	04/07/15	3	4	X	X		X	X							
Outfall 008	SD2014-OF8-05	SD14OF80500FS	04/15/14	0	0.5	X	X	X	X			X	X				
Outfall 008	SD2014-OF8-05	SD14OF80501FS	04/15/14	1	2	X		X	X			X	X				
Outfall 008	SD2014-OF8-05	SD14OF0502FS	04/07/15	2	3	X	X		X	X							
Outfall 008	SD2014-OF8-05	SD14OF0503FSH	04/07/15	3	4	X	X		X	X							
Outfall 008	SD2014-OF8-06	SD14OF80600FS	04/15/14	0	0.5	X	X	X	X			X	X				
Outfall 008	SD2014-OF8-06	SD14OF80601FS	04/15/14	1	2	X		X	X			X	X				
Outfall 008	SD2014-OF8-06	SD14OF0602FS	04/07/15	2	3	X	X		X	X					X	X	X
Outfall 008	SD2014-OF8-06	SD14OF0603FSH	04/07/15	3	4	X	X		X	X					X	X	X
Outfall 008	SD2014-OF8-07	SD14OF80700FS	04/24/14	0	0.5	X	X	X	X			X	X				
Outfall 008	SD2014-OF8-07	SD14OF80701FS	04/24/14	1	2	X		X	X			X	X				
Outfall 008	SD2014-OF8-07	SD14OF0702FS	04/07/15	2	3	X	X		X	X							
Outfall 008	SD2014-OF8-07	SD14OF0703FSH	04/07/15	3	4	X	X		X	X							
Outfall 008	SD2014-OF8-08	SD14OF80800FS	04/24/14	0	0.5	X	X	X	X			X	X				
Outfall 008	SD2014-OF8-08	SD14OF80801FS	04/24/14	1	2	X		X	X			X	X				
Outfall 008	SD2014-OF8-08	SD14OF0802FS	04/07/15	2	3	X	X		X	X					X	X	X
Outfall 008	SD2014-OF8-09	SD14OF80900FS	04/15/14	0	0.5	X	X	X	X			X	X				
Outfall 008	SD2014-OF8-09	SD14OF80901FS	04/15/14	1	2	X		X	X			X	X				
Outfall 008	SD2014-OF8-09	SD14OF0902FS	04/07/15	2	3	X	X		X	X							
Outfall 008	SD2014-OF8-09	SD14OF0903FSH	04/07/15	3	4	X	X		X	X							
Outfall 008	SD2014-OF8-10	SD14OF81000FS	04/24/14	0	0.5	X	X	X	X			X	X				
Outfall 008	SD2014-OF8-10	SD14OF81001FS	04/24/14	0	0.5	X		X	X			X	X				
Outfall 008	SD2014-OF8-10	SD14OF1002FS	04/07/15	2	3	X	X		X	X							
Outfall 008	SD2014-OF8-10	SD14OF1003FSH	04/07/15	3	4	X	X		X	X							
Outfall 008	SD2014-OF8-11	SD14OF81100FS	04/24/14	0	0.5	X	X	X	X			X	X				
Outfall 008	SD2014-OF8-11	SD14OF81101FS	04/24/14	1	2	X		X	X			X	X				
Outfall 008	SD2014-OF8-11	SD14OF1102FS	04/07/15	2	3	X	X		X	X					X	X	X
Outfall 008	SD2014-OF8-11	SD14OF1103FSH	04/07/15	3	4	X	X		X	X					X	X	X
Outfall 008	SD2014-OF8-12	SD14OF81200FS	04/24/14	0	0.5	X	X	X	X			X	X				
Outfall 008	SD2014-OF8-12	SD14OF81201FS	04/24/14	1	2	X		X	X			X	X				

**TABLE 2-1
SEDIMENT SAMPLING ANALYTICAL MATRIX**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

Area	Location ID	Field Sample ID	Sample Date	Analytical Method		SW6020 Metals	SW7471 Mercury	SW9010A Cyanide	SW8082 PCB Aroclors	8270SIM PCB Homologs	E680 PCB Homologs	SW8270 SVOCs	EPA/600/M4 //82/020 Asbestos	LYDKHN TOC	SW 846 8270 PAHs	SW 846 8270/EPA PCB Congeners	SW9060 TOC
				Top Depth (ft)	Bottom Depth (ft)												
Outfall 008	SD2014-OF8-12	SD14OF1202FS	04/07/15	2	3	X	X		X	X							
Outfall 008	SD2014-OF8-12	SD14OF1203FSH	04/07/15	3	4	X	X		X	X							
Outfall 008	SD2014-OF8-13	SD14OF81300FS	04/23/14	0	0.5	X	X	X	X		X	X	X	X			
Outfall 008	SD2014-OF8-13	SD14OF81301FS	04/23/14	1	2	X		X	X		X	X		X			
Outfall 008	SD2014-OF8-13	SD14OF1302FS	04/07/15	2	3	X	X		X	X					X	X	X
Outfall 008	SD2014-OF8-13	SD14OF1303FSH	04/07/15	3	4	X	X		X	X					X	X	X
Outfall 008	SD2014-OF8-14	SD14OF81400FS	04/23/14	0	0.5	X	X	X	X		X	X	X	X			
Outfall 008	SD2014-OF8-14	SD14OF81401FS	04/23/14	1	2	X		X	X		X	X		X			
Outfall 008	SD2014-OF8-14	SD14OF1402FS	04/07/15	2	3	X	X		X	X							
Outfall 008	SD2014-OF8-14	SD14OF1403FSH	04/07/15	3	4	X	X		X	X							
Outfall 008	SD2014-OF8-15	SD14OF81500FS	04/23/14	0	0.5	X	X	X	X		X	X	X	X			
Outfall 008	SD2014-OF8-15	SD14OF81501FS	04/23/14	1	2	X		X	X		X	X		X			
Outfall 008	SD2014-OF8-15	SD14OF1502FS	04/07/15	2	3	X	X		X	X							
Outfall 008	SD2014-OF8-15	SD14OF1503FSH	04/07/15	3	4	X	X		X	X							
Outfall 008	SD2014-OF8-16	SD14OF81600FS	04/23/14	0	0.5	X	X	X	X		X	X	X	X			
Outfall 008	SD2014-OF8-16	SD14OF81601FS	04/23/14	1	2	X		X	X		X	X		X			
Outfall 008	SD2014-OF8-16	SD14OF1602FS	04/07/15	2	3	X	X		X	X					X	X	X
Outfall 008	SD2014-OF8-16	SD14OF1603FSH	04/07/15	3	4	X	X		X	X					X	X	X
Outfall 008	SD2014-OF8-17	SD14OF81700FS	04/23/14	0	0.5	X	X	X	X		X	X	X	X			
Outfall 008	SD2014-OF8-17	SD14OF81701FS	04/23/14	1	2	X		X	X		X	X		X			
Outfall 008	SD2014-OF8-17	SD14OF1702FS	04/07/15	2	3	X	X		X	X					X	X	X
Outfall 008	SD2014-OF8-17	SD14OF1703FSH	04/07/15	3	4	X	X		X	X					X	X	X
Outfall 008	SD2014-OF8-18	SD14OF81801FS	04/22/14	1	2	X		X	X		X	X		X			
Outfall 008	SD2014-OF8-18	SD14OF81800FS	04/22/14	0	0.5	X	X	X	X		X	X	X	X			
Outfall 008	SD2014-OF8-18	SD14OF1803FSH	04/04/15	3	4	X	X										
Outfall 008	SD2014-OF8-18	SD14OF1802FS	04/07/15	2	3	X	X		X	X							
Outfall 008	SD2014-OF8-18	SD14OF1803FSH	04/07/15	3	4	X	X		X	X					X	X	X
Outfall 008	SD2014-OF8-19	SD14OF81900FS	04/23/14	0	0.5	X	X	X	X		X	X	X	X			
Outfall 008	SD2014-OF8-19	SD14OF81901FS	04/23/14	1	2	X		X	X		X	X		X			
Outfall 008	SD2014-OF8-19	SD14OF1903FS	04/07/15	3	4	X	X		X	X							

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-REF-01 SD14REF0100FS 5/1/14 0 - 0.5	SD2014-REF-02 SD14REF0200FS 4/18/14 0 - 0.5	SD2014-REF-03 SD14REF0300FS 4/18/14 0 - 0.5	SD2014-REF-04 SD14REF0400FS 5/1/14 0 - 0.5	SD2014-REF-05 SD14REF0500FD 4/18/14 0 - 0.5	SD2014-REF-05 SD14REF0500FS 4/18/14 0 - 0.5	SD2014-REF-06 SD14REF0600FS 5/1/14 0 - 0.5	SD2014-REF-07 SD14REF0700FS 5/1/14 0 - 0.5	SD2014-REF-08 SD14REF0800FS 4/18/14 0 - 0.5	SD2014-REF-09 SD14REF0900FS 5/1/14 0 - 0.5	SD2014-REF-10 SD14REF1000FS 5/1/14 0 - 0.5	SD2014-REF-11 SD14REF1100FS 5/1/14 0 - 0.5												
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual												
PCB Aroclors	Aroclor-1016	MG/KG	0.0385 U		0.0328 UJ		0.0317 UJ		0.0441 U		0.0334 U		0.0331 U		0.0387 U		0.0427 U		0.039 U		0.0359 U		0.0434 UJ			
	Aroclor-1232	MG/KG	0.0385 U		0.0328 UJ		0.0317 UJ		0.0441 U		0.0334 U		0.0331 U		0.0387 U		0.0427 U		0.039 U		0.0359 U		0.0434 UJ			
	Aroclor-1242	MG/KG	0.0385 U		0.0328 UJ		0.0317 UJ		0.0441 U		0.0334 U		0.0331 U		0.0387 U		0.0427 U		0.039 U		0.0359 U		0.0434 UJ			
	Aroclor-1248	MG/KG	0.0385 U		0.0328 UJ		0.0317 UJ		0.0441 U		0.0334 U		0.0331 U		0.0387 U		0.0427 U		0.039 U		0.0359 U		0.0434 UJ			
	Aroclor-1254	MG/KG	0.0385 U		0.0328 UJ		0.0317 UJ		0.0441 U		0.0334 U		0.0331 U		0.0387 U		0.0427 U		0.039 U		0.0359 U		0.0434 UJ			
	Aroclor-1260	MG/KG	0.0385 U		0.0328 UJ		0.0317 UJ		0.0441 U		0.0334 U		0.0331 U		0.0387 U		0.0427 U		0.039 U		0.0359 U		0.0434 UJ			
	Aroclor-1262	MG/KG	0.0385 U		0.0328 UJ		0.0317 UJ		0.0441 U		0.0334 U		0.0331 U		0.0387 U		0.0427 U		0.039 U		0.0359 U		0.0434 UJ			
	Aroclor-1268	MG/KG	0.0385 U		0.0328 UJ		0.0317 UJ		0.0441 U		0.0334 U		0.0331 U		0.0387 U		0.0427 U		0.039 U		0.0359 U		0.0434 UJ			
	PCB (total)	MG/KG	0.0385 U		0.0328 UJ		0.0317 UJ		0.0441 U		0.0334 U		0.0331 U		0.0387 U		0.0427 U		0.039 U		0.0359 U		0.0434 UJ			
PCB Homologs	Cl10-BZ#209	MG/KG	0.0385 U		0.0328 U		0.0317 U		0.0441 U		0.0334 U		0.0331 U		0.0387 U		0.0427 U		0.0364 U		0.039 U		0.0359 U		0.0434 U	
	Dichlorobiphenyl (total)	MG/KG	0.0077 U		0.00655 U		0.00635 U		0.00881 U		0.00668 U		0.00661 U		0.00774 U		0.00855 U		0.00729 U		0.0078 U		0.00717 U		0.00869 U	
	Heptachlorobiphenyl (total)	MG/KG	0.0231 U		0.0197 U		0.019 U		0.0264 U		0.0201 U		0.0198 U		0.0232 U		0.0256 U		0.0219 U		0.0234 U		0.0215 U		0.0261 U	
	Hexachlorobiphenyl (total)	MG/KG	0.0154 U		0.0131 U		0.0127 U		0.0176 U		0.0134 U		0.0132 U		0.0155 U		0.0171 U		0.0146 U		0.0156 U		0.0143 U		0.0174 U	
	Monochlorobiphenyl (total)	MG/KG	0.0077 U		0.00655 U		0.00635 U		0.00881 U		0.00668 U		0.00661 U		0.00774 U		0.00855 U		0.00729 U		0.0078 U		0.00717 U		0.00869 U	
	Nonachlorobiphenyl (total)	MG/KG	0.0385 U		0.0328 UJ		0.0317 U		0.0441 U		0.0334 U		0.0331 U		0.0387 U		0.0427 U		0.0364 U		0.039 U		0.0359 U		0.0434 U	
	Octachlorobiphenyl (total)	MG/KG	0.0231 U		0.0197 U		0.019 U		0.0264 U		0.0201 UJ		0.0198 UJ		0.0232 U		0.0256 U		0.0219 U		0.0234 U		0.0215 U		0.0261 U	
	Pentachlorobiphenyl (total)	MG/KG	0.0154 U		0.0131 U		0.0127 U		0.0176 U		0.0134 UJ		0.0132 UJ		0.0155 U		0.0171 U		0.0146 U		0.0156 U		0.0143 U		0.0174 U	
	Tetrachlorobiphenyl (total)	MG/KG	0.0154 U		0.0131 U		0.0127 U		0.0176 U		0.0134 U		0.0132 U		0.0155 U		0.0171 U		0.0146 U		0.0156 U		0.0143 U		0.0174 U	
	Trichlorobiphenyl (total)	MG/KG	0.0077 U		0.00655 U		0.00635 U		0.00881 U		0.00668 U		0.00661 U		0.00774 U		0.00855 U		0.00729 U		0.0078 U		0.00717 U		0.00869 U	
	Total Homolog (PCBs)	MG/KG	0.09625 U		0.08198 U		0.07928 U		0.11012 U		0.08362 U		0.08262 UJ		0.09676 U		0.10678 U		0.09114 U		0.0975 U		0.08961 U		0.10864 U	
Metals	Antimony	MG/KG			1.31 U		1.27 U				1.94 J		1.32 U													
	Arsenic*	MG/KG			2.44		1.7				2.6		2.44													
	Cadmium*	MG/KG			0.655 U		0.635 U				0.668 U		0.661 U													
	Chromium*	MG/KG			28.2		22.9				32.3		29.6													
	Copper*	MG/KG			264		81.2				98		91.8													
	Lead*	MG/KG			33.5		23.9				18.2		16.9													
	Manganese	MG/KG			146		135				205		185													
	Mercury*	MG/KG			0.0433 U		0.0419 U				0.0441 U		0.0436 U													
	Nickel*	MG/KG			11.6		9.83				14.3		13.9													
	Selenium	MG/KG			1.31 U		1.27 U				1.34 U		1.32 U													
	Silver	MG/KG			1.31 U		1.27 U				1.34 U		1.32 U													
Zinc*	MG/KG			147		90.6				102		92.3														
Average ERM-Q (8 Metals)	NA			0.25		0.14				0.19		0.15														
Cyanide	MG/KG			0.655 UJ		0.635 UJ				0.668 UJ		0.661 UJ														
SVOCs	3 & 4 Methylphenol	MG/KG			0.328 U		0.317 U				0.334 U		0.331 U													
	Acenaphthene	MG/KG			0.0655 U		0.0635 U				0.0668 U		0.0661 U													
	Acenaphthylene	MG/KG			0.121		0.111				0.0702 J		0.0661 UJ													
	Anthracene	MG/KG			0.0918		0.092				0.388 J		0.0859 J													
	Benzo(a)anthracene	MG/KG			0.269		0.263				0.291		0.221													
	Benzo(a)pyrene	MG/KG			0.321		0.324				0.271		0.238													
	Benzo(b)fluoranthene	MG/KG			0.324 J		0.159 J				0.287 J		0.218 J													
	Benzo(ghi)perylene	MG/KG			0.2		0.175				0.17		0.155													
	Benzo(k)fluoranthene	MG/KG			0.315		0.276				0.307		0.208													
	Bis(2-Ethylhexyl)phthalate	MG/KG			0.328 U		0.317 U				0.334 U		0.331 U													
	Carbazole	MG/KG			0.328 U		0.317 U				0.334 U		0.331 U													
	Chrysene	MG/KG			0.252		0.289				0.401		0.271													
	Dibenz(a,h)anthracene	MG/KG			0.0787		0.0794				0.0735 J		0.0661 UJ													
	Fluoranthene	MG/KG			0.292		0.324				0.388		0.304													
	Fluorene	MG/KG			0.0655 U		0.0635 U				0.0668 U		0.0661 U													
	Indeno(1,2,3-cd)pyrene	MG/KG			0.164		0.159				0.154		0.122													
	Naphthalene	MG/KG			0.0655 U		0.0635 U				0.0668 U		0.0661 U													
Phenanthrene	MG/KG			0.105		0.133				0.234 J		0.116 J														
Pyrene	MG/KG			0.4		0.384				0.414		0.36														
TOC	Total Organic Carbon	MG/KG			7580		4930			8830		9020														
Solids	Percent Solids	PERCENT			64.9		76.3			78.8		56.7														
					64.9		76.3			78.8		56.7														

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

SD2014-REF-15 SD14REF1500FS 5/1/14 0 - 0.5		SD2014-REF-17 SD14REF1700FS 4/17/14 0 - 0.5		SD2014-REF-18 SD14REF1800FS 4/17/14 0 - 0.5		SD2014-REF-19 SD14REF1900FS 5/1/14 0 - 0.5		SD2014-REF-21 SD14REF2100FS 5/1/14 0 - 0.5		SD2014-REF-23 SD14REF2300FS 5/1/14 0 - 0.5		SD2014-REF-25 SD14REF2500FS 5/1/14 0 - 0.5		SD2014-REF-26 SD14REF2600FS 5/1/14 0 - 0.5		SD2014-REF-29 SD14REF2900FS 5/1/14 0 - 0.5		SD2014-REF-U2 SD14REFU200FS 5/1/14 0 - 0.5		SD2014-REF-US001A SD14REFUS100FS 4/17/14 0 - 0.5		SD2014-REF-US002A SD14REFUS200FS 4/17/14 0 - 0.5		SD2014-REF-US003A SD14REFUS300FS 5/1/14 0 - 0.5	
Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
0.0429 U		0.0466 UJ		0.066 J		0.0449 U		0.0396 U		0.0381 UJ		0.0548 U		0.0493 U		0.0407 U		0.0374 U		0.114 J		0.0296 U		0.0399 U	
0.0429 U		0.0466 UJ		0.032 UJ		0.0449 U		0.0396 U		0.0381 UJ		0.0548 U		0.0493 U		0.0407 U		0.0374 U		0.0336 UJ		0.0296 U		0.0399 U	
0.0429 U		0.0466 UJ		0.032 UJ		0.0449 U		0.0396 U		0.0381 UJ		0.0548 U		0.0493 U		0.0407 U		0.0374 U		0.0336 UJ		0.0296 U		0.0399 U	
0.0429 U		0.0466 UJ		0.032 UJ		0.0449 U		0.0396 U		0.0381 UJ		0.0548 U		0.0493 U		0.0407 U		0.0374 U		0.0336 UJ		0.0296 U		0.0399 U	
0.0429 U		0.0466 UJ		0.032 UJ		0.0449 U		0.0396 U		0.0381 UJ		0.0548 U		0.0493 U		0.0407 U		0.0374 U		0.0336 UJ		0.0296 U		0.0399 U	
0.0429 U		0.0466 UJ		0.032 UJ		0.0449 U		0.0396 U		0.0381 UJ		0.0548 U		0.0493 U		0.0407 U		0.0374 U		0.0336 UJ		0.0296 U		0.0399 U	
0.0429 U		0.0466 UJ		0.032 UJ		0.0449 U		0.0396 U		0.0381 UJ		0.0548 U		0.0493 U		0.0407 U		0.0374 U		0.0336 UJ		0.0296 U		0.0399 U	
0.0429 U		0.0466 UJ		0.066 J		0.0449 U		0.0396 U		0.0381 UJ		0.0548 U		0.0493 U		0.0407 U		0.0374 U		0.114 J		0.0296 U		0.0399 U	
0.0429 U		0.0466 U		0.032 U		0.0449 U		0.0396 U		0.0381 U		0.0548 U		0.0493 U		0.0407 U		0.0374 U		0.0336 U		0.0296 U		0.0399 U	
0.00857 U		0.00931 U		0.00639 U		0.00898 U		0.00792 U		0.00762 U		0.011 U		0.00986 U		0.00814 U		0.00748 U		0.00672 U		0.00592 U		0.00798 U	
0.0257 U		0.0279 U		0.0192 U		0.0269 U		0.0238 U		0.0229 U		0.0329 U		0.0296 U		0.0244 U		0.0225 U		0.0202 U		0.0178 U		0.0239 U	
0.0171 U		0.0186 U		0.0128 U		0.018 U		0.0158 U		0.0152 U		0.0219 U		0.0197 U		0.0163 U		0.015 U		0.0134 U		0.0118 U		0.016 U	
0.00857 U		0.00931 U		0.00639 U		0.00898 U		0.00792 U		0.00762 U		0.011 U		0.00986 U		0.00814 U		0.00748 U		0.00672 U		0.00592 U		0.00798 U	
0.0429 U		0.0466 U		0.032 U		0.0449 U		0.0396 U		0.0381 U		0.0548 U		0.0493 U		0.0407 U		0.0374 U		0.0336 U		0.0296 U		0.0399 U	
0.0257 U		0.0279 U		0.0192 U		0.0269 U		0.0238 U		0.0229 U		0.0329 U		0.0296 U		0.0244 U		0.0225 U		0.0202 U		0.0178 U		0.0239 U	
0.0171 U		0.0186 U		0.0128 U		0.018 U		0.0158 U		0.0152 U		0.0219 U		0.0197 U		0.0163 U		0.015 U		0.0134 U		0.0118 U		0.016 U	
0.0171 U		0.0186 U		0.0128 U		0.018 U		0.0158 U		0.0152 U		0.0219 U		0.0197 U		0.0163 U		0.015 U		0.0134 U		0.0118 U		0.016 U	
0.00857 U		0.00931 U		0.00639 U		0.00898 U		0.00792 U		0.00762 U		0.011 U		0.00986 U		0.00814 U		0.00748 U		0.00672 U		0.00592 U		0.00798 U	
0.10711 U		0.11637 U		0.07999 U		0.11227 U		0.09898 U		0.09523 U		0.13705 U		0.12324 U		0.10176 U		0.09362 U		0.08398 U		0.07398 U		0.09977 U	
		1.86 U		1.28 U															1.34 U		1.18 U				
		4.5		2.02															2.84		1.18 U				
		0.931 U		0.639 U															0.672 U		0.592 U				
		48.5		22.3															37.3		9.56				
		143		105															104		33.6				
		31.3		80.9															18.8		6.19				
		239		130															159		59.3				
		0.0615 U		0.0422 U															0.0443 U		0.0391 U				
		19.2		10															13.8		4.34				
		1.86 U		1.28 U															1.34 U		1.18 U				
		1.86 U		1.28 U															1.34 U		1.18 U				
		151		86.2															98.8		33.7				
		0.24		0.18															0.17		0.07				
		0.931 UJ		0.639 UJ															0.672 UJ		0.592 UJ				
		0.466 U		R															R		0.296 U				
		0.0186 U		0.0128 U															0.0134 U		0.0118 U				
		0.0196		0.0371															0.0369		0.0118 U				
		0.0214		0.0511															0.0638		0.029				
		0.0652		0.144															0.149		0.0521				
		0.0736		0.176															0.18		0.0539				
		0.0633 J		0.085 J															0.0907 J		0.0468 J				
		0.0456		0.0985															0.094		0.0308				
		0.068		0.143															0.15		0.0598				
		0.466 UJ		R															R		0.296 U				
		0.466 UJ		R															R		0.296 U				
		0.0689		0.144															0.16		0.0521				
		0.0186 U		0.0403															0.0437		0.0148				
		0.0931		0.203															0.272		0.119				
		0.0186 U		0.0134															0.0148		0.0118 U				
		0.0419		0.0876															0.09		0.0296				
		0.0186 U		0.0128 U															0.0134 U		0.0118 U				
		0.0345		0.0671															0.108		0.0693				
		0.105		0.232															0.237		0.0971				
		21800		6940															8230		1770				
58.3		53.7		78.2		55.7		63.1		65.6		45.6		50.7		61.4		66.8		74.4		84.5		62.7	

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-A1 SD14TFA100FS 4/28/14 0 - 0.5	SD2014-TF-A1 SD14TFA101FS 4/28/14 1 - 2	SD2014-TF-A1 SD14TFA103FS 4/6/15 3 - 4	SD2014-TF-A1 SD14TFA105FS 4/6/15 5 - 6	SD2014-TF-A1 SD14TFA107FS 4/6/15 7 - 8	SD2014-TF-A2 SD14TFA200FS 4/22/14 0 - 0.5	SD2014-TF-A2 SD14TFA201FS 4/22/14 1 - 2	SD2014-TF-A2 SD14TFA202FS 4/3/15 2 - 3	SD2014-TF-A3 SD14TFA300FS 4/23/14 0 - 0.5	SD2014-TF-A3 SD14TFA301FS 4/23/14 1 - 2
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.0363 U	0.0492 U	0.025 U	0.025 U	0.025 U	0.0358 UJ	0.0663 UJ	0.024 U	0.0252 UJ	0.0502 UJ
	Aroclor-1232	MG/KG	0.0363 U	0.0492 U	0.025 U	0.025 U	0.025 U	0.0358 UJ	0.0663 UJ	0.024 U	0.0252 UJ	0.0502 UJ
	Aroclor-1242	MG/KG	0.0363 U	0.0492 U	0.025 U	0.025 U	0.025 U	0.0358 UJ	0.0663 UJ	0.024 U	0.0252 UJ	0.0502 UJ
	Aroclor-1248	MG/KG	0.0363 U	0.0492 U	0.025 U	0.025 U	0.025 U	0.0358 UJ	0.0663 UJ	0.024 U	0.0252 UJ	0.0502 UJ
	Aroclor-1254	MG/KG	0.0363 U	0.0492 U	0.025 U	0.025 U	0.025 U	0.0358 UJ	0.0663 UJ	0.024 U	0.0252 UJ	0.0502 UJ
	Aroclor-1260	MG/KG	0.0363 U	0.0492 U	0.025 U	0.025 U	0.025 U	0.0358 UJ	0.0663 UJ	0.024 U	0.0252 UJ	0.0502 UJ
	Aroclor-1262	MG/KG	0.0363 U	0.0492 U	0.025 U	0.025 U	0.025 U	0.0358 UJ	0.0663 UJ	0.024 U	0.0252 UJ	0.0502 UJ
	Aroclor-1268	MG/KG	0.0363 U	0.0492 U	0.025 U	0.025 U	0.025 U	0.0358 UJ	0.0663 UJ	0.024 U	0.0252 UJ	0.0502 UJ
	Total Aroclors (CALC)	MG/KG	0.0363 U	0.0492 U	0.025 U	0.025 U	0.025 U	0.0358 UJ	0.0663 UJ	0.024 U	0.0252 UJ	0.0502 UJ
PCB Homologs	Cl10-BZ#209	MG/KG	0.0363 U	0.0492 U				0.0358 U	0.0663 U		0.0252 U	0.0502 U
	Decachlorobiphenyl (total)	MG/KG			0.0005 U	0.0005 U	0.0005 U			0.0005 U		
	Dichlorobiphenyl (total)	MG/KG	0.00726 U	0.00985 U	0.0024 U	0.0024 UJ	0.0024 U	0.00716 U	0.0133 U	0.0023 U	0.00505 U	0.01 U
	Heptachlorobiphenyl (total)	MG/KG	0.0218 U	0.0295 U	0.0036 U	0.0036 U	0.0036 U	0.0215 U	0.0398 U	0.0035 U	0.0151 U	0.0301 U
	Hexachlorobiphenyl (total)	MG/KG	0.0145 U	0.0197 U	0.0042 U	0.0042 U	0.0042 U	0.0329	0.0265 U	0.0041 U	0.0101 U	0.0201 U
	Monochlorobiphenyl (total)	MG/KG	0.00726 U	0.00985 U	0.0009 U	0.0009 UJ	0.0009 U	0.00716 U	0.0133 U	0.0009 U	0.00505 U	0.01 U
	Nonachlorobiphenyl (total)	MG/KG	0.0363 U	0.0492 U	0.0009 U	0.0009 U	0.0009 U	0.0358 U	0.0663 U	0.0009 U	0.0252 U	0.0502 U
	Octachlorobiphenyl (total)	MG/KG	0.0218 U	0.0295 U	0.0024 U	0.0024 U	0.0024 U	0.0215 U	0.0398 U	0.0023 U	0.0151 U	0.0301 U
	Pentachlorobiphenyl (total)	MG/KG	0.0145 U	0.0197 U	0.0046 U	0.0046 UJ	0.0046 U	0.0322	0.0265 U	0.0045 U	0.0101 U	0.0201 U
	Tetrachlorobiphenyl (total)	MG/KG	0.0145 U	0.0197 U	0.0042 U	0.0042 U	0.0042 U	0.0143 U	0.0265 U	0.0041 U	0.0101 U	0.0201 U
	Trichlorobiphenyl (total)	MG/KG	0.00726 U	0.00985 U	0.0024 U	0.0024 UJ	0.0024 U	0.00716 U	0.0133 U	0.0023 U	0.0162	0.01 U
Total Homolog (PCBs)	MG/KG	0.091 U	0.123 U	0.030 U	0.030 U	0.030 U	0.140	0.166 U	0.029 U	0.077	0.125 U	
Metals	Antimony	MG/KG	1.45 U	1.97 U				1.43 U	2.65 U		1.01 U	2.01 U
	Arsenic*	MG/KG	5.82	7.81	5.98	6.52	6.66	9.52	19.4	5.6	5.19	6.85
	Cadmium*	MG/KG	1.8	1.1	0.5 U	0.5 U	0.5 U	5.19	12.2	0.5 U	1.6	1.13
	Chromium*	MG/KG	227	407	22	21	24	388	1,350	22 J	177	107
	Copper*	MG/KG	440	1,550	13	12	14	713	3,290	11	637	272
	Lead*	MG/KG	47.5	165	6.61	5.65 J	6.58	84	207	7.24	60.7	29.5
	Manganese	MG/KG	233	241				382	696		193	420
	Mercury*	MG/KG	0.0479 U		0.05 U	0.05 U	0.05 U	0.0472 U		0.05 U	0.0333 U	
	Nickel*	MG/KG	26.5	31	16.1	15.5	18.7	36.9	69.3	16	18.3	27.6
	Selenium	MG/KG	1.45 U	1.97 U				1.77	2.65 U		1.11	2.01 U
	Silver	MG/KG	1.94	1.97 U	0.5 U	0.5 U	0.5 U	3.9	2.65 U	0.5 U	1.01 U	2.01 U
	Zinc*	MG/KG	197	331 J	61.8	56.1	70.1	412	1290	53.2	260	185
Average ERM-Q (8 Metals)	NA	0.53	1.19	0.11	0.11	0.12	0.94	2.90	0.11	0.56	0.36	
Cyanide	Cyanide, Total	MG/KG	0.726 U	0.985 UJ				0.716 U	1.33 UJ		0.505 U	1 UJ
PAHs	Acenaphthene	MG/KG								0.01 U		
	Acenaphthylene	MG/KG								0.01 U		
	Anthracene	MG/KG								0.01 U		
	Benzo(a)anthracene	MG/KG								0.01 U		
	Benzo(a)pyrene	MG/KG								0.01 U		
	Benzo(b)fluoranthene	MG/KG								0.01 U		
	Benzo(ghi)perylene	MG/KG								0.01 U		
	Benzo(k)fluoranthene	MG/KG								0.01 U		
	Chrysene	MG/KG								0.01 U		
	Dibenz(a,h)anthracene	MG/KG								0.01 U		
	Fluoranthene	MG/KG								0.01 U		
	Fluorene	MG/KG								0.01 U		
	Indeno(1,2,3-cd)pyrene	MG/KG								0.01 U		
	Naphthalene	MG/KG								0.01 U		
	Phenanthrene	MG/KG								0.01 U		
Pyrene	MG/KG								0.01 U			

**TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

			SD2014-TF-A1 SD14TFA100FS 4/28/14 0 - 0.5	SD2014-TF-A1 SD14TFA101FS 4/28/14 1 - 2	SD2014-TF-A1 SD14TFA103FS 4/6/15 3 - 4	SD2014-TF-A1 SD14TFA105FS 4/6/15 5 - 6	SD2014-TF-A1 SD14TFA107FS 4/6/15 7 - 8	SD2014-TF-A2 SD14TFA200FS 4/22/14 0 - 0.5	SD2014-TF-A2 SD14TFA201FS 4/22/14 1 - 2	SD2014-TF-A2 SD14TFA202FS 4/3/15 2 - 3	SD2014-TF-A3 SD14TFA300FS 4/23/14 0 - 0.5	SD2014-TF-A3 SD14TFA301FS 4/23/14 1 - 2			
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual			
PCB Congeners	CI10-BZ#209	MG/KG										0.0001 U			
	CI2-BZ#8	MG/KG										0.0001 U			
	CI3-BZ#18	MG/KG										0.0001 U			
	CI3-BZ#28	MG/KG										0.0001 U			
	CI4-BZ#44	MG/KG										0.0001 U			
	CI4-BZ#49	MG/KG										0.0001 U			
	CI4-BZ#52	MG/KG										0.0001 U			
	CI4-BZ#66	MG/KG										0.0001 U			
	CI4-BZ#77	MG/KG										0.0001 U			
	CI5-BZ#101	MG/KG										0.0001 U			
	CI5-BZ#105	MG/KG										0.0001 U			
	CI5-BZ#118	MG/KG										0.0001 U			
	CI5-BZ#126	MG/KG										0.0001 U			
	CI5-BZ#128	MG/KG										0.0001 U			
	CI5-BZ#87	MG/KG										0.0001 U			
	CI6-BZ#138	MG/KG										0.0001 U			
	CI6-BZ#153	MG/KG										0.0001 U			
	CI6-BZ#170	MG/KG										0.0001 U			
	CI7-BZ#180	MG/KG										0.0001 U			
	CI7-BZ#183	MG/KG										0.0001 U			
CI7-BZ#184	MG/KG										0.0001 U				
CI7-BZ#187	MG/KG										0.0001 U				
CI8-BZ#195	MG/KG										0.0001 U				
CI9-BZ#206	MG/KG										0.0001 U				
SVOCs	3 & 4 Methylphenol	MG/KG	0.363 U		0.494 U				0.358 U		0.663 U		0.252 U		0.501 U
	Acenaphthene	MG/KG	0.0363 UJ		0.0197 U				0.0143 U		0.0663 U		0.0101 UJ		0.01 U
	Acenaphthylene	MG/KG	0.0762 J		0.0326				0.0408		0.0994		0.0192 J		0.01 U
	Anthracene	MG/KG	0.116		0.0197 U				0.0587		0.0663		0.0273		0.01 U
	Benzo(a)anthracene	MG/KG	0.319		0.076				0.162		0.239		0.0419		0.01 U
	Benzo(a)pyrene	MG/KG	0.361		0.076				0.15		0.202		0.057		0.01 U
	Benzo(b)fluoranthene	MG/KG	0.183		0.146				0.0866 J		0.272		0.0384		0.01 U
	Benzo(ghi)perylene	MG/KG	0.243		0.0573				0.0759		0.0696		0.0318		0.01 U
	Benzo(k)fluoranthene	MG/KG	0.368		0.0701				0.132		0.179		0.0621		0.01 U
	Bis(2-Ethylhexyl)phthalate	MG/KG	0.363 U		0.494 U				0.358 UJ		0.663 U		0.252 U		0.501 UJ
	Carbazole	MG/KG	0.363 U		0.494 U				0.358 UJ		0.663 U		0.252 U		0.501 U
	Chrysene	MG/KG	0.372		0.119				0.134		0.202		0.0495		0.01 U
	Dibenz(a,h)anthracene	MG/KG	0.107		0.0227				0.0336		0.0663 U		0.0141		0.01 U
	Fluoranthene	MG/KG	0.643		0.11				0.208		0.371		0.0742		0.01 U
	Fluorene	MG/KG	0.0454		0.0197 U				0.0229		0.0663 U		0.0101 U		0.01 U
	Indeno(1,2,3-cd)pyrene	MG/KG	0.214		0.0494				0.0694		0.0762		0.0288		0.01 U
	Naphthalene	MG/KG		R	0.0197 U				0.0208		0.0663 U		0.0116 J		0.01 UJ
Phenanthrene	MG/KG	0.314		0.0454				0.113		0.146		0.0338		0.01 U	
Pyrene	MG/KG	0.619		0.136				0.26		0.384		0.0979		0.01 U	
TOC	Total Organic Carbon	MG/KG	19,700		29,100 J				36,300		36,400 J		68,000		40,300
Solids	Percent Solids	PERCENT	68.9		50.8				69.9		37.7		99.1		49.8

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-A4 SD14TFA400FS 4/23/14 0 - 0.5	SD2014-TF-A4 SD14TFA401FS 4/23/14 1 - 2	SD2014-TF-A5 SD14TFA500FD 4/23/14 0 - 0.5	SD2014-TF-A5 SD14TFA500FS 4/23/14 0 - 0.5	SD2014-TF-A5 SD14TFA501FD 4/24/14 1 - 2	SD2014-TF-A5 SD14TFA501FS 4/24/14 1 - 2	SD2014-TF-A5 SD14TFA502FS 4/6/15 2 - 3	SD2014-TF-A6 SD14TFA600FS 4/23/14 0 - 0.5	SD2014-TF-A6 SD14TFA601FS 4/24/14 1 - 2	SD2014-TF-A6 SD14TFA602FS 4/6/15 2 - 3	
			Result	Qual	Result	Qual	Result	Qual	Result	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.0603 U	0.0441 UJ	0.0614 U	0.0609 U	0.0435 UJ	0.0418 UJ	0.025 U	0.0514 U	0.0415 UJ	0.025 U	
	Aroclor-1232	MG/KG	0.0603 U	0.0441 UJ	0.0614 U	0.0609 U	0.0435 UJ	0.0418 UJ	0.025 U	0.0514 U	0.0415 UJ	0.025 U	
	Aroclor-1242	MG/KG	0.0603 U	0.0441 UJ	0.0614 U	0.0609 U	0.0435 UJ	0.0418 UJ	0.025 U	0.0514 U	0.0415 UJ	0.025 U	
	Aroclor-1248	MG/KG	0.0603 U	0.0441 UJ	0.0614 U	0.0609 U	0.0435 UJ	0.0418 UJ	0.025 U	0.0514 U	0.0415 UJ	0.025 U	
	Aroclor-1254	MG/KG	0.0603 U	0.0441 UJ	0.0614 U	0.0609 U	0.0435 UJ	0.0418 UJ	0.025 U	0.0514 U	0.0415 UJ	0.025 U	
	Aroclor-1260	MG/KG	0.0603 U	0.0441 UJ	0.0614 U	0.0609 U	0.0435 UJ	0.0418 UJ	0.025 U	0.0514 U	0.0415 UJ	0.025 U	
	Aroclor-1262	MG/KG	0.0603 U	0.0441 UJ	0.0614 U	0.0609 U	0.0435 UJ	0.0418 UJ	0.025 U	0.0514 U	0.0415 UJ	0.025 U	
	Aroclor-1268	MG/KG	0.0603 U	0.0441 UJ	0.0614 U	0.0609 U	0.0435 UJ	0.0418 UJ	0.025 U	0.0514 U	0.0415 UJ	0.025 U	
	Total Aroclors (CALC)	MG/KG	0.0603 U	0.0441 UJ	0.0614 U	0.0609 U	0.0435 UJ	0.0418 UJ	0.025 U	0.0514 U	0.0415 UJ	0.025 U	
PCB Homologs	Cl10-BZ#209	MG/KG	0.0603 U	0.0441 U	0.0614 U	0.0609 U	0.0435 U	0.0418 U		0.0514 U	0.0415 U		
	Decachlorobiphenyl (total)	MG/KG							0.0005 U			0.0005 U	
	Dichlorobiphenyl (total)	MG/KG	0.0121 U	0.00882 U	0.0123 U	0.0122 U	0.0087 U	0.00835 U	0.0024 U	0.0103 U	0.00831 U	0.0024 U	
	Heptachlorobiphenyl (total)	MG/KG	0.0362 U	0.0264 U	0.0368 UJ	0.0365 UJ	0.0261 U	0.0251 U	0.0036 U	0.0308 U	0.0249 U	0.0036 U	
	Hexachlorobiphenyl (total)	MG/KG	0.0241 U	0.0176 U	0.0246 U	0.0244 U	0.0174 UJ	0.0167 UJ	0.0042 U	0.0205 U	0.0166 U	0.0041 U	
	Monochlorobiphenyl (total)	MG/KG	0.0121 U	0.00882 U	0.0123 U	0.0122 U	0.0087 U	0.00835 U	0.0009 UJ	0.0103 U	0.00831 U	0.0009 U	
	Nonachlorobiphenyl (total)	MG/KG	0.0603 U	0.0441 U	0.0614 U	0.0609 U	0.0435 U	0.0418 U	0.0009 U	0.0514 U	0.0415 U	0.0009 U	
	Octachlorobiphenyl (total)	MG/KG	0.0362 U	0.0264 U	0.0368 UJ	0.0365 UJ	0.0261 UJ	0.0251 UJ	0.0024 U	0.0308 U	0.0249 U	0.0024 U	
	Pentachlorobiphenyl (total)	MG/KG	0.0241 U	0.0176 U	0.0246 UJ	0.0244 UJ	0.0174 UJ	0.0167 UJ	0.0046 UJ	0.0205 U	0.0166 U	0.0045 U	
	Tetrachlorobiphenyl (total)	MG/KG	0.0241 U	0.0176 U	0.0246 U	0.0244 U	0.0174 U	0.0167 U	0.0042 U	0.0205 U	0.0166 U	0.0041 U	
	Trichlorobiphenyl (total)	MG/KG	0.0121 U	0.00882 U	0.0123 U	0.0122 U	0.0087 U	0.00835 U	0.0024 U	0.0103 U	0.00831 U	0.0024 U	
Total Homolog (PCBs)	MG/KG	0.151 U	0.110 U	0.154 U	0.152 UJ	0.109 U	0.104 UJ	0.030 U	0.128 U	0.104 U	0.030 U		
Metals	Antimony	MG/KG	2.41 U	1.76 U	3.03 J	2.44 U	1.89	1.67 U		2.05 U	1.66 U		
	Arsenic*	MG/KG	11	5.41	8.25	8.54	8.78	6.01	6.94	9.61	7.41	5.94	
	Cadmium*	MG/KG	2.91	0.882 U	1.52	1.6	3.53	1.7	0.5 U	3.36	3.45	0.5 U	
	Chromium*	MG/KG	349	31	188	196	533 J	224 J	25 J	406	457	21	
	Copper*	MG/KG	1,560	110	500	562	1,720 J	561 J	52	1,760	1,510	61	
	Lead*	MG/KG	166	27.4	103	109	153	97.9	17.7	177	142	16.7	
	Manganese	MG/KG	439	353	471	491	455	353		357	344		
	Mercury*	MG/KG	0.0796 U		0.0811 U	0.0804 U			0.12	0.0678 U		0.24	
	Nickel*	MG/KG	45.8	24	40.2	40.6	46.2	34.1	17.9	46.5	43.6	16	
	Selenium	MG/KG	2.41 U	1.76 U	2.46 U	2.44 U	1.74 U	1.67 U		2.05 U	1.66 U		
	Silver	MG/KG	2.83	1.76 U	2.62	2.76	2.87	2.69	0.5 U	2.12	2.53	0.5 U	
	Zinc*	MG/KG	631	137	352	356	724 J	306 J	78.2	809	724	96.9	
Average ERM-Q (8 Metals)	NA	1.39	0.22		0.73		0.69	0.15	1.55	1.40	0.15		
Cyanide	Cyanide, Total	MG/KG	1.21 U	0.882 UJ	1.23 U	1.22 U	0.87 UJ	0.835 UJ		1.03 U	0.831 UJ		
PAHs	Acenaphthene	MG/KG											
	Acenaphthylene	MG/KG											
	Anthracene	MG/KG											
	Benzo(a)anthracene	MG/KG											
	Benzo(a)pyrene	MG/KG											
	Benzo(b)fluoranthene	MG/KG											
	Benzo(ghi)perylene	MG/KG											
	Benzo(k)fluoranthene	MG/KG											
	Chrysene	MG/KG											
	Dibenz(a,h)anthracene	MG/KG											
	Fluoranthene	MG/KG											
	Fluorene	MG/KG											
	Indeno(1,2,3-cd)pyrene	MG/KG											
	Naphthalene	MG/KG											
	Phenanthrene	MG/KG											
Pyrene	MG/KG												

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-A4 SD14TFA400FS 4/23/14 0 - 0.5		SD2014-TF-A4 SD14TFA401FS 4/23/14 1 - 2		SD2014-TF-A5 SD14TFA500FD 4/23/14 0 - 0.5		SD2014-TF-A5 SD14TFA500FS 4/23/14 0 - 0.5		SD2014-TF-A5 SD14TFA501FD 4/24/14 1 - 2		SD2014-TF-A5 SD14TFA501FS 4/24/14 1 - 2		SD2014-TF-A5 SD14TFA502FS 4/6/15 2 - 3		SD2014-TF-A6 SD14TFA600FS 4/23/14 0 - 0.5		SD2014-TF-A6 SD14TFA601FS 4/24/14 1 - 2		SD2014-TF-A6 SD14TFA602FS 4/6/15 2 - 3		
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result
PCB Congeners	CI10-BZ#209	MG/KG																					
	CI2-BZ#8	MG/KG																					
	CI3-BZ#18	MG/KG																					
	CI3-BZ#28	MG/KG																					
	CI4-BZ#44	MG/KG																					
	CI4-BZ#49	MG/KG																					
	CI4-BZ#52	MG/KG																					
	CI4-BZ#66	MG/KG																					
	CI4-BZ#77	MG/KG																					
	CI5-BZ#101	MG/KG																					
	CI5-BZ#105	MG/KG																					
	CI5-BZ#118	MG/KG																					
	CI5-BZ#126	MG/KG																					
	CI5-BZ#128	MG/KG																					
	CI5-BZ#87	MG/KG																					
	CI6-BZ#138	MG/KG																					
	CI6-BZ#153	MG/KG																					
	CI6-BZ#170	MG/KG																					
	CI7-BZ#180	MG/KG																					
	CI7-BZ#183	MG/KG																					
	CI7-BZ#184	MG/KG																					
	CI7-BZ#187	MG/KG																					
	CI8-BZ#195	MG/KG																					
	CI9-BZ#206	MG/KG																					
SVOCs	3 & 4 Methylphenol	MG/KG	0.603 U		0.439 U		R		R		0.435 U		0.418 U				0.514 U		0.414 U				
	Acenaphthene	MG/KG	0.0241 UJ		0.00877 U		0.123 UJ		0.122 UJ		0.0435 U		0.0418 U				0.257 UJ		0.0166 U				
	Acenaphthylene	MG/KG	0.0362 J		0.00877 U		0.123 UJ		0.122 UJ		0.0435 J		0.0418 UJ				0.257 UJ		0.0166 U				
	Anthracene	MG/KG	0.0314		0.00877 U		0.123 U		0.122 U		0.0435 U		0.0418 U				0.257 U		0.0166 U				
	Benzo(a)anthracene	MG/KG	0.0784		0.0162		0.178 J		0.122 UJ		0.13		0.161				0.591		0.0862				
	Benzo(a)pyrene	MG/KG	0.111		0.0167		0.227 J		0.134 J		0.148		0.165				0.488		0.087				
	Benzo(b)fluoranthene	MG/KG	0.0784		0.00921		0.215 J		0.122 UJ		0.1 J		0.226 J				0.372		0.0828				
	Benzo(ghi)perylene	MG/KG	0.0603		0.0101		0.154 J		0.122 UJ		0.0957		0.1				0.308		0.058				
	Benzo(k)fluoranthene	MG/KG	0.0941		0.0123		0.209		0.134		0.12		0.142				0.475		0.0654				
	Bis(2-Ethylhexyl)phthalate	MG/KG	0.603 UJ		0.439 UJ		0.614 U		0.609 UJ		0.435 U		0.418 U				0.514 U		0.414 U				
	Carbazole	MG/KG	0.603 UJ		0.439 UJ		0.614 U		0.609 UJ		0.435 U		0.418 U				0.514 U		0.414 U				
	Chrysene	MG/KG	0.0905		0.0118		0.215		0.164		0.102		0.123				0.501		0.0638				
	Dibenz(a,h)anthracene	MG/KG	0.0265		0.00877 U		0.123 U		0.122 U		0.0457		0.0459				0.257 U		0.0265				
	Fluoranthene	MG/KG	0.122		0.0189		0.338 J		0.201 J		0.172		0.28				0.655		0.112				
	Fluorene	MG/KG	0.0241 U		0.00877 U		0.123 U		0.122 U		0.0435 U		0.0418 U				0.257 U		0.0166 U				
	Indeno(1,2,3-cd)pyrene	MG/KG	0.0555		0.00965		0.129 J		0.122 UJ		0.0935		0.1				0.27		0.0563				
	Naphthalene	MG/KG	R		0.00877 UJ		R		R		0.0435 U		0.0418 U				R		0.0166 U				
	Phenanthrene	MG/KG	0.0483		0.00877 U		0.141 J		0.122 UJ		0.0783 J		0.192 J				0.257 U		0.0389				
	Pyrene	MG/KG	0.151		0.0237		0.393		0.25		0.189		0.286				0.848		0.126				
TOC	Total Organic Carbon	MG/KG	38,200		17,500 J		32,600		30,000		29,800 J		29,800 J				37,600		36,200 J				
Solids	Percent Solids	PERCENT	41.4		56.7		40.7		41.1		57.5		59.9				48.7		60.2				

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-A7 SD14TFA700FS 4/22/14 0 - 0.5	SD2014-TF-A7 SD14TFA701FS 4/22/14 1 - 2	SD2014-TF-A7 SD14TFA702FS 4/6/15 2 - 3	SD2014-TF-B1 SD14TFB100FD 4/16/14 0 - 0.5	SD2014-TF-B1 SD14TFB100FS 4/16/14 0 - 0.5	SD2014-TF-B1 SD14TFB101FD 4/16/14 1 - 2	SD2014-TF-B1 SD14TFB101FS 4/16/14 1 - 2	SD2014-TF-B1 SD14TFB103FS 4/6/15 3 - 4	SD2014-TF-B1 SD14TFB105FS 4/6/15 5 - 6	SD2014-TF-B1 SD14TFB107FS 4/6/15 7 - 8
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.0333 UJ	0.0461 U	0.025 U	0.0591 U	0.0593 UJ	0.0391 U	0.0363 U	0.026 U	0.024 U	0.025 U
	Aroclor-1232	MG/KG	0.0333 UJ	0.0461 U	0.025 U	0.0591 U	0.0593 UJ	0.0391 U	0.0363 U	0.026 U	0.024 U	0.025 U
	Aroclor-1242	MG/KG	0.0333 UJ	0.0461 U	0.025 U	0.0591 U	0.0593 UJ	0.0391 U	0.0363 U	0.026 U	0.024 U	0.025 U
	Aroclor-1248	MG/KG	0.0333 UJ	0.0461 U	0.025 U	0.0591 U	0.0593 UJ	0.088 J	0.0363 UJ	0.026 U	0.024 U	0.025 U
	Aroclor-1254	MG/KG	0.0333 UJ	0.0461 U	0.025 U	0.0591 U	0.0593 UJ	0.0391 U	0.0363 U	0.026 U	0.024 U	0.025 U
	Aroclor-1260	MG/KG	0.0333 UJ	0.0461 U	0.025 U	0.0591 U	0.0593 UJ	0.0391 U	0.0363 U	0.026 U	0.024 U	0.025 U
	Aroclor-1262	MG/KG	0.0333 UJ	0.0461 U	0.025 U	0.0591 U	0.0593 UJ	0.0391 U	0.0363 U	0.026 U	0.024 U	0.025 U
	Aroclor-1268	MG/KG	0.0333 UJ	0.0461 U	0.025 U	0.0591 U	0.0593 UJ	0.0391 U	0.0363 U	0.026 U	0.024 U	0.025 U
	Total Aroclors (CALC)	MG/KG	0.0333 UJ	0.0461 U	0.025 U	0.0591 U	0.0593 UJ	0.088 J	0.0363 UJ	0.026 U	0.024 U	0.025 U
PCB Homologs	Cl10-BZ#209	MG/KG	0.0333 U	0.0461 U		0.0591 UJ	0.0593 UJ	0.0391 U	0.0363 U			
	Decachlorobiphenyl (total)	MG/KG			0.0005 U					0.0005 U	0.0005 U	0.0005 U
	Dichlorobiphenyl (total)	MG/KG	0.00667 U	0.00922 U	0.0024 U	0.0118 U	0.0119 U	0.00782 U	0.00726 U	0.0025 U	0.0024 U	0.0024 U
	Heptachlorobiphenyl (total)	MG/KG	0.02 U	0.0277 U	0.0036 U	0.0355 U	0.0356 U	0.0328 J	0.0218 UJ	0.0037 U	0.0035 U	0.0036 U
	Hexachlorobiphenyl (total)	MG/KG	0.0133 U	0.0184 U	0.0042 U	0.0236 U	0.0237 U	0.0633	0.0464	0.0043 U	0.0041 U	0.0042 U
	Monochlorobiphenyl (total)	MG/KG	0.00667 U	0.00922 U	0.0009 U	0.0118 U	0.0119 U	0.00782 U	0.00726 U	0.0009 U	0.0009 U	0.0009 U
	Nonachlorobiphenyl (total)	MG/KG	0.0333 U	0.0461 U	0.0009 U	0.0591 U	0.0593 U	0.0391 U	0.0363 U	0.0009 U	0.0009 U	0.0009 U
	Octachlorobiphenyl (total)	MG/KG	0.02 U	0.0277 U	0.0024 U	0.0355 U	0.0356 U	0.0235 U	0.0218 U	0.0025 U	0.0024 U	0.0024 U
	Pentachlorobiphenyl (total)	MG/KG	0.0353	0.0184 U	0.0046 U	0.0236 U	0.0237 U	0.0899 J	0.0922 J	0.0047 U	0.0045 U	0.0046 U
	Tetrachlorobiphenyl (total)	MG/KG	0.0133 U	0.0184 U	0.0042 U	0.0236 U	0.0237 U	0.4 J	0.429 J	0.0043 U	0.0041 U	0.0042 U
	Trichlorobiphenyl (total)	MG/KG	0.00667 U	0.00922 U	0.0024 U	0.0118 U	0.0119 U	0.162	0.226	0.0025 U	0.0024 U	0.0024 U
Total Homolog (PCBs)	MG/KG	0.112	0.115 U	0.030 U	0.148 U	0.148 UJ	0.807	0.859 J	0.031 U	0.029 U	0.030 U	
Metals	Antimony	MG/KG	1.33 U	1.84 U		2.36 U	2.37 U	1.56 U	1.45 U			
	Arsenic*	MG/KG	4.83	9.96	6.74	6.57	6.58	9.09	9.98	5.9	6.47	7.5
	Cadmium*	MG/KG	1.33	2.44	0.5 U	1.36	1.43	5.91	8.61	0.5 U	0.5 U	0.51
	Chromium*	MG/KG	216	324	29	167	169	304 J	518 J	24	25	27
	Copper*	MG/KG	689	1,950	259	264	275	429 J	1,000 J	12	13	15
	Lead*	MG/KG	73.2	195	65.1	62.8	65.9	75 J	129 J	6.73	8.07	9.18
	Manganese	MG/KG	222	306		395	431	842 J	373 J			
	Mercury*	MG/KG	0.044 U		0.64	0.078 U	0.0782 U			0.05 U	0.05 U	0.05 U
	Nickel*	MG/KG	26.8	39.6	21.5	89	87	42.1	50.1	16.6	18.5	20.7
	Selenium	MG/KG	1.33 U	1.84 U		2.36 U	2.37 U	1.56 U	1.45 U			
	Silver	MG/KG	1.33 U	1.84 U	0.5 U	7.35	7.32	45.6 J	80.7 J	0.5 U	0.5 U	0.5 U
	Zinc*	MG/KG	360	838	196	222	232	255 J	523 J	59.4	66.1	72.4
Average ERM-Q (8 Metals)	NA	0.66	1.56	0.31		0.78		3.85	0.11	0.12	0.13	
Cyanide	Cyanide, Total	MG/KG	0.667 U	0.922 UJ		1.18 U	1.19 U	0.782 UJ	0.726 UJ			
PAHs	Acenaphthene	MG/KG										
	Acenaphthylene	MG/KG										
	Anthracene	MG/KG										
	Benzo(a)anthracene	MG/KG										
	Benzo(a)pyrene	MG/KG										
	Benzo(b)fluoranthene	MG/KG										
	Benzo(ghi)perylene	MG/KG										
	Benzo(k)fluoranthene	MG/KG										
	Chrysene	MG/KG										
	Dibenz(a,h)anthracene	MG/KG										
	Fluoranthene	MG/KG										
	Fluorene	MG/KG										
	Indeno(1,2,3-cd)pyrene	MG/KG										
	Naphthalene	MG/KG										
	Phenanthrene	MG/KG										
Pyrene	MG/KG											

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-A7 SD14TFA700FS 4/22/14 0 - 0.5	SD2014-TF-A7 SD14TFA701FS 4/22/14 1 - 2	SD2014-TF-A7 SD14TFA702FS 4/6/15 2 - 3	SD2014-TF-B1 SD14TFB100FD 4/16/14 0 - 0.5	SD2014-TF-B1 SD14TFB100FS 4/16/14 0 - 0.5	SD2014-TF-B1 SD14TFB101FD 4/16/14 1 - 2	SD2014-TF-B1 SD14TFB101FS 4/16/14 1 - 2	SD2014-TF-B1 SD14TFB103FS 4/6/15 3 - 4	SD2014-TF-B1 SD14TFB105FS 4/6/15 5 - 6	SD2014-TF-B1 SD14TFB107FS 4/6/15 7 - 8
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Congeners	CI10-BZ#209	MG/KG										
	CI2-BZ#8	MG/KG										
	CI3-BZ#18	MG/KG										
	CI3-BZ#28	MG/KG										
	CI4-BZ#44	MG/KG										
	CI4-BZ#49	MG/KG										
	CI4-BZ#52	MG/KG										
	CI4-BZ#66	MG/KG										
	CI4-BZ#77	MG/KG										
	CI5-BZ#101	MG/KG										
	CI5-BZ#105	MG/KG										
	CI5-BZ#118	MG/KG										
	CI5-BZ#126	MG/KG										
	CI5-BZ#128	MG/KG										
	CI5-BZ#87	MG/KG										
	CI6-BZ#138	MG/KG										
	CI6-BZ#153	MG/KG										
	CI6-BZ#170	MG/KG										
	CI7-BZ#180	MG/KG										
	CI7-BZ#183	MG/KG										
CI7-BZ#184	MG/KG											
CI7-BZ#187	MG/KG											
CI8-BZ#195	MG/KG											
CI9-BZ#206	MG/KG											
SVOCs	3 & 4 Methylphenol	MG/KG	0.333 U	0.46 U			0.591 UJ	0.594 U	0.391 U	1.45 U		
	Acenaphthene	MG/KG	0.0667 U	0.046 U			0.118 UJ	0.119 UJ	0.0782 UJ	0.112 J		
	Acenaphthylene	MG/KG	0.113	0.0506			0.118 UJ	0.119 UJ	0.0782 UJ	0.109 J		
	Anthracene	MG/KG	0.143	0.046 U			0.313 J	0.172 J	0.0782 UJ	0.399 J		
	Benzo(a)anthracene	MG/KG	0.384	0.184			0.745	0.558	0.328 J	1.63 J		
	Benzo(a)pyrene	MG/KG	0.417	0.166			0.774 J	0.463 J	0.25 J	1.11 J		
	Benzo(b)fluoranthene	MG/KG	0.374 J	0.189			0.916 J	0.481 J	0.446 J	1.79 J		
	Benzo(ghi)perylene	MG/KG	0.25	0.092			0.307 J	0.143 J	0.16 J	0.715 J		
	Benzo(k)fluoranthene	MG/KG	0.343	0.117			0.65	0.624	0.324 J	1.32 J		
	Bis(2-Ethylhexyl)phthalate	MG/KG	0.333 UJ	0.46 U			0.591 UJ	0.594 U	0.391 UJ	1.45 UJ		
	Carbazole	MG/KG	0.333 UJ	0.46 U			0.591 UJ	0.594 U	0.391 U	1.45 U		
	Chrysene	MG/KG	0.37	0.138			0.774	0.594	0.278 J	1.24 J		
	Dibenz(a,h)anthracene	MG/KG	0.107	0.0483			0.142 J	0.119 UJ	0.0782 UJ	0.345 J		
	Fluoranthene	MG/KG	0.567	0.221			1.55	1.07	0.594 J	3.13 J		
	Fluorene	MG/KG	0.0667 U	0.046 U			0.118 U	0.119 U	0.0782 UJ	0.16 J		
	Indeno(1,2,3-cd)pyrene	MG/KG	0.217	0.092			0.296 J	0.149 J	0.152 J	0.697 J		
	Naphthalene	MG/KG	0.0667 U	0.046 U			0.118 UJ	0.119 UJ	0.0782 U	0.0726 U		
Phenanthrene	MG/KG	0.177	0.103			0.65	0.392	0.305 J	2.03 J			
Pyrene	MG/KG	0.747	0.276			1.5	1.09	0.688 J	2.78 J			
TOC	Total Organic Carbon	MG/KG	40,700	36,000 J			25,700	32,100	15,500 J	31,200 J		
Solids	Percent Solids	PERCENT	75	54.2			42.3	42.2	63.9	68.9		

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-B2 SD14TFB200FS 4/23/14 0 - 0.5	SD2014-TF-B2 SD14TFB201FS 4/23/14 1 - 2	SD2014-TF-B2 SD14TFB202FS 4/3/15 2 - 3	SD2014-TF-B3 SD14TFB300FS 4/28/14 0 - 0.5	SD2014-TF-B3 SD14TFB301FS 4/28/14 1 - 2	SD2014-TF-B4 SD14TFB400FS 4/23/14 0 - 0.5	SD2014-TF-B4 SD14TFB401FS 4/23/14 1 - 2	SD2014-TF-B5 SD14TFB500FS 4/25/14 0 - 0.5	SD2014-TF-B5 SD14TFB501FS 4/25/14 1 - 2	SD2014-TF-B6 SD14TFB600FS 4/25/14 0 - 0.5
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.0516 U	0.054 U	0.024 U	0.0478 U	0.0414 U	0.0567 U	0.0414 UJ	0.0402 U	0.042 U	0.0474 U
	Aroclor-1232	MG/KG	0.0516 U	0.054 U	0.024 U	0.0478 U	0.0414 U	0.0567 U	0.0414 UJ	0.0402 U	0.042 U	0.0474 U
	Aroclor-1242	MG/KG	0.0516 U	0.054 U	0.024 U	0.0478 U	0.0414 U	0.0567 U	0.0414 UJ	0.0402 U	0.042 U	0.0474 U
	Aroclor-1248	MG/KG	0.0516 U	0.054 U	0.024 U	0.0478 U	0.0414 U	0.0567 U	0.0414 UJ	0.0402 U	0.042 U	0.0474 U
	Aroclor-1254	MG/KG	0.0516 U	0.054 U	0.024 U	0.0478 U	0.0414 U	0.0567 U	0.0414 UJ	0.0402 U	0.042 U	0.0474 U
	Aroclor-1260	MG/KG	0.0516 U	0.054 U	0.024 U	0.0478 U	0.0414 U	0.0567 U	0.0414 UJ	0.0402 U	0.042 U	0.0474 U
	Aroclor-1262	MG/KG	0.0516 U	0.054 U	0.024 U	0.0478 U	0.0414 U	0.0567 U	0.0414 UJ	0.0402 U	0.042 U	0.0474 U
	Aroclor-1268	MG/KG	0.0516 U	0.054 U	0.024 U	0.0478 U	0.0414 U	0.0567 U	0.0414 UJ	0.0402 U	0.042 U	0.0474 U
	Total Aroclors (CALC)	MG/KG	0.0516 U	0.054 U	0.024 U	0.0478 U	0.0414 U	0.0567 U	0.0414 UJ	0.0402 U	0.042 U	0.0474 U
PCB Homologs	Cl10-BZ#209	MG/KG	0.0516 UJ	0.054 U		0.0478 U	0.0414 U	0.0567 U	0.0414 U	0.0402 U	0.042 U	0.0474 U
	Decachlorobiphenyl (total)	MG/KG			0.00049 U							
	Dichlorobiphenyl (total)	MG/KG	0.0103 UJ	0.0108 U	0.0023 U	0.00956 U	0.00828 U	0.0113 U	0.00828 U	0.00804 U	0.0084 U	0.00948 U
	Heptachlorobiphenyl (total)	MG/KG	0.0309 UJ	0.0324 U	0.0035 U	0.0287 U	0.0248 U	0.034 U	0.0249 U	0.0241 U	0.0252 U	0.0284 U
	Hexachlorobiphenyl (total)	MG/KG	0.0206 UJ	0.0216 U	0.0041 U	0.0191 U	0.0166 U	0.0227 U	0.0166 U	0.0161 U	0.0168 U	0.019 U
	Monochlorobiphenyl (total)	MG/KG	0.0103 UJ	0.0108 U	0.00088 U	0.00956 U	0.00828 U	0.0113 U	0.00828 U	0.00804 U	0.0084 U	0.00948 U
	Nonachlorobiphenyl (total)	MG/KG	0.0516 UJ	0.054 U	0.00088 U	0.0478 U	0.0414 U	0.0567 U	0.0414 U	0.0402 U	0.042 U	0.0474 U
	Octachlorobiphenyl (total)	MG/KG	0.0309 UJ	0.0324 U	0.0023 U	0.0287 U	0.0248 U	0.034 U	0.0249 U	0.0241 U	0.0252 U	0.0284 U
	Pentachlorobiphenyl (total)	MG/KG	0.0206 UJ	0.0216 U	0.0045 U	0.0191 U	0.0166 U	0.0227 U	0.0166 U	0.0161 U	0.0168 U	0.019 U
	Tetrachlorobiphenyl (total)	MG/KG	0.0206 UJ	0.0216 U	0.0041 U	0.0191 U	0.0166 U	0.0227 U	0.0166 U	0.0161 U	0.0168 U	0.019 U
	Trichlorobiphenyl (total)	MG/KG	0.0103 UJ	0.0108 U	0.0023 U	0.00956 U	0.00828 U	0.0113 U	0.00828 U	0.00804 U	0.0084 U	0.00948 U
Total Homolog (PCBs)	MG/KG	0.129 U		0.029 U	0.119 U	0.104 U	0.142 U	0.104 U	0.101 U	0.105 U	0.119 U	
Metals	Antimony	MG/KG	2.06 U	2.16 U		1.91 U	1.66 U	2.27 U	1.66 U	1.61 U	1.68 U	1.9 U
	Arsenic*	MG/KG	9.18	10	4.9	9.96	6.76	10.4	5.51	7.75	6.7	8.22
	Cadmium*	MG/KG	2.7	3.17	0.5 U	2.12	0.828 U	2.32	0.828 U	1.54	0.84 U	1.46
	Chromium*	MG/KG	312	287	20	277	35	252	37	199	45	163
	Copper*	MG/KG	979	2,060	9	1,130	292	1,200	294	927	429	848
	Lead*	MG/KG	105	191	6.03	122	55.3	151	59.4	115	76	114
	Manganese	MG/KG	420	375		421	254	411	311	321	290	360
	Mercury*	MG/KG	0.0681 U		0.05 U	0.0631 U		0.0749 U		0.0531 U		0.0626 U
	Nickel*	MG/KG	46.3	46.2	14.9	46.4	22.2	45.1	25.4	45.1	26.6	39
	Selenium	MG/KG	2.06 U	2.16 U		2.18	1.66 U	2.27 U	1.66 U	1.61 U	1.68 U	2.01
	Silver	MG/KG	8.47	2.16 U	0.5 U	2.74	1.66 U	3.05	1.66 U	1.61 U	1.68 U	1.9 U
	Zinc*	MG/KG	467	793	52.4	493	223 J	582	226	436	281 J	426
Average ERM-Q (8 Metals)	NA	1.21	1.61	0.10	1.09	0.35	1.17	0.36	0.87	0.45	0.80	
Cyanide	Cyanide, Total	MG/KG	1.03 U	1.08 UJ		0.956 U	0.828 UJ	1.13 U	0.828 UJ	0.804 U	0.84 UJ	0.948 U
PAHs	Acenaphthene	MG/KG										
	Acenaphthylene	MG/KG										
	Anthracene	MG/KG										
	Benzo(a)anthracene	MG/KG										
	Benzo(a)pyrene	MG/KG										
	Benzo(b)fluoranthene	MG/KG										
	Benzo(ghi)perylene	MG/KG										
	Benzo(k)fluoranthene	MG/KG										
	Chrysene	MG/KG										
	Dibenz(a,h)anthracene	MG/KG										
	Fluoranthene	MG/KG										
	Fluorene	MG/KG										
	Indeno(1,2,3-cd)pyrene	MG/KG										
	Naphthalene	MG/KG										
	Phenanthrene	MG/KG										
Pyrene	MG/KG											

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-B2 SD14TFB200FS 4/23/14 0 - 0.5		SD2014-TF-B2 SD14TFB201FS 4/23/14 1 - 2		SD2014-TF-B2 SD14TFB202FS 4/3/15 2 - 3		SD2014-TF-B3 SD14TFB300FS 4/28/14 0 - 0.5		SD2014-TF-B3 SD14TFB301FS 4/28/14 1 - 2		SD2014-TF-B4 SD14TFB400FS 4/23/14 0 - 0.5		SD2014-TF-B4 SD14TFB401FS 4/23/14 1 - 2		SD2014-TF-B5 SD14TFB500FS 4/25/14 0 - 0.5		SD2014-TF-B5 SD14TFB501FS 4/25/14 1 - 2		SD2014-TF-B6 SD14TFB600FS 4/25/14 0 - 0.5		
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result
PCB Congeners	CI10-BZ#209	MG/KG																					
	CI2-BZ#8	MG/KG																					
	CI3-BZ#18	MG/KG																					
	CI3-BZ#28	MG/KG																					
	CI4-BZ#44	MG/KG																					
	CI4-BZ#49	MG/KG																					
	CI4-BZ#52	MG/KG																					
	CI4-BZ#66	MG/KG																					
	CI4-BZ#77	MG/KG																					
	CI5-BZ#101	MG/KG																					
	CI5-BZ#105	MG/KG																					
	CI5-BZ#118	MG/KG																					
	CI5-BZ#126	MG/KG																					
	CI5-BZ#128	MG/KG																					
	CI5-BZ#87	MG/KG																					
	CI6-BZ#138	MG/KG																					
	CI6-BZ#153	MG/KG																					
	CI6-BZ#170	MG/KG																					
	CI7-BZ#180	MG/KG																					
	CI7-BZ#183	MG/KG																					
	CI7-BZ#184	MG/KG																					
	CI7-BZ#187	MG/KG																					
	CI8-BZ#195	MG/KG																					
	CI9-BZ#206	MG/KG																					
SVOCs	3 & 4 Methylphenol	MG/KG	0.516 U		0.54 U				0.478 U		0.414 U		0.567 U		0.414 U		0.402 UJ		0.419 U		0.474 U		
	Acenaphthene	MG/KG	0.258 UJ		0.0216 U				0.0478 UJ		0.00828 U		0.113 UJ		0.00828 U		0.0804 UJ		0.00838 U		0.19 UJ		
	Acenaphthylene	MG/KG	0.258 UJ		0.0292				0.0598 J		0.00828 U		0.113 UJ		0.00828 U		0.121 J		0.00838 U		0.19 UJ		
	Anthracene	MG/KG	0.258 U		0.0216 U				0.0574		0.00828 U		0.113 U		0.00828 U		0.133		0.00838 U		0.19 U		
	Benzo(a)anthracene	MG/KG	0.309		0.0734				0.158		0.00952		0.147		0.0108		0.354		0.00838 U		0.427		
	Benzo(a)pyrene	MG/KG	0.322		0.106				0.234		0.00828 U		0.153		0.0104		0.527		0.00838 U		0.626		
	Benzo(b)fluoranthene	MG/KG	0.284		0.0799				0.17		0.00828		0.113 U		0.0116		0.386		0.00838 U		0.427		
	Benzo(ghi)perylene	MG/KG	0.258 U		0.0842				0.148		0.00828 U		0.113 U		0.00828 U		0.334		0.00838 U		0.351		
	Benzo(k)fluoranthene	MG/KG	0.297		0.0572				0.208		0.00828 U		0.159		0.00828		0.438		0.00838 U		0.493		
	Bis(2-Ethylhexyl)phthalate	MG/KG	0.516 UJ		0.54 U				R		0.414 U		0.567 UJ		0.414 UJ		R		0.419 U		0.474 U		
	Carbazole	MG/KG	0.516 UJ		0.54 U				R		0.414 U		0.567 UJ		0.414 UJ		R		0.419 U		0.474 U		
	Chrysene	MG/KG	0.374		0.0756				0.179		0.00828 U		0.147		0.00828 U		0.394		0.00838 U		0.493		
	Dibenz(a,h)anthracene	MG/KG	0.258 U		0.0216 U				0.0765		0.00828 U		0.113 U		0.00828 U		0.205		0.00838 U		0.19 U		
	Fluoranthene	MG/KG	0.477		0.116				0.251		0.0112		0.165		0.0112		0.479		0.00838 U		0.711		
	Fluorene	MG/KG	0.258 U		0.0216 U				0.0478 U		0.00828 U		0.113 U		0.00828 U		0.0804 U		0.00838 U		0.19 U		
	Indeno(1,2,3-cd)pyrene	MG/KG	0.258 U		0.0626				0.139		0.00828 U		0.113 U		0.00828 U		0.314		0.00838 U		0.322		
	Naphthalene	MG/KG	R		0.0216 U				R		0.00828 U		R		0.00828 UJ		R		0.00838 U		R		
	Phenanthrene	MG/KG	0.258 U		0.0605				0.1		0.00828 U		0.113 U		0.00828 U		0.177		0.00838 U		0.265		
	Pyrene	MG/KG	0.58		0.138				0.265		0.0149		0.233		0.0141		0.535		0.00838 U		0.73		
TOC	Total Organic Carbon	MG/KG	41,300		22,400 J				32,600		14,000 J		36,000		15,700 J		33,500		13,500 J		30,700		
Solids	Percent Solids	PERCENT	48.5						52.3		60.4		44.1		60.4		62.2		59.5		52.7		

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-B6 SD14TFB601FS 4/25/14 1 - 2	SD2014-TF-B7 SD14TFB700FS 4/22/14 0 - 0.5	SD2014-TF-B7 SD14TFB701FS 4/22/14 1 - 2	SD2014-TF-B7 SD14TFB703FS 4/6/15 3 - 4	SD2014-TF-C1 SD14TFC100FS 4/30/14 0 - 0.5	SD2014-TF-C1 SD14TFC101FS 4/30/14 1 - 2	SD2014-TF-C1 SD14TFC102FS 4/3/15 2 - 3	SD2014-TF-C2 SD14TFC200FS 4/25/14 0 - 0.5	SD2014-TF-C2 SD14TFC201FS 4/25/14 1 - 2	SD2014-TF-C2 SD14TFC202FS 4/3/15 2 - 3
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.0365 U	0.0333 UJ	0.0417 UJ	0.024 U	0.0338 U	0.0303 U	0.025 U	0.0471 U	0.0438 U	0.024 U
	Aroclor-1232	MG/KG	0.0365 U	0.0333 UJ	0.0417 UJ	0.024 U	0.0338 U	0.0303 U	0.025 U	0.0471 U	0.0438 U	0.024 U
	Aroclor-1242	MG/KG	0.0365 U	0.0333 UJ	0.0417 UJ	0.024 U	0.0338 U	0.0303 U	0.025 U	0.0471 U	0.0438 U	0.024 U
	Aroclor-1248	MG/KG	0.0365 U	0.0333 UJ	0.0417 UJ	0.024 U	0.118	0.0303 U	0.025 U	0.0471 U	0.0438 U	0.024 U
	Aroclor-1254	MG/KG	0.0365 U	0.0333 UJ	0.0417 UJ	0.024 U	0.0338 U	0.0303 U	0.025 U	0.0471 U	0.0438 U	0.024 U
	Aroclor-1260	MG/KG	0.0365 U	0.0333 UJ	0.0417 UJ	0.024 U	0.0739	0.0303 U	0.025 U	0.0471 U	0.0438 U	0.024 U
	Aroclor-1262	MG/KG	0.0365 U	0.0333 UJ	0.0417 UJ	0.024 U	0.0338 U	0.0303 U	0.025 U	0.0471 U	0.0438 U	0.024 U
	Aroclor-1268	MG/KG	0.0365 U	0.0333 UJ	0.0417 UJ	0.024 U	0.0338 U	0.0303 U	0.025 U	0.0471 U	0.0438 U	0.024 U
	Total Aroclors (CALC)	MG/KG	0.0365 U	0.0333 UJ	0.0417 UJ	0.024 U	0.192	0.0303 U	0.025 U	0.0471 U	0.0438 U	0.024 U
PCB Homologs	Cl10-BZ#209	MG/KG	0.0365 U	0.0333 U	0.0417 U		0.0338 U	0.0303 U		0.0471 U	0.0438 U	
	Decachlorobiphenyl (total)	MG/KG				0.0005 U			0.0005 U			0.0005 U
	Dichlorobiphenyl (total)	MG/KG	0.0073 U	0.00666 U	0.00834 U	0.0023 UJ	0.00677 U	0.00607 U	0.0024 U	0.00942 U	0.00876 U	0.0024 U
	Heptachlorobiphenyl (total)	MG/KG	0.0219 U	0.02 U	0.025 U	0.0035 U	0.0203 U	0.0182 U	0.0036 U	0.0283 U	0.0263 U	0.0035 U
	Hexachlorobiphenyl (total)	MG/KG	0.0146 U	0.0133 U	0.0167 U	0.0041 U	0.0176	0.0121 U	0.0042 U	0.0188 U	0.0175 U	0.0041 U
	Monochlorobiphenyl (total)	MG/KG	0.0073 U	0.00666 U	0.00834 U	0.0009 UJ	0.00677 U	0.00607 U	0.0009 U	0.00942 U	0.00876 U	0.0009 U
	Nonachlorobiphenyl (total)	MG/KG	0.0365 U	0.0333 U	0.0417 U	0.0009 U	0.0338 U	0.0303 U	0.0009 U	0.0471 U	0.0438 U	0.0009 U
	Octachlorobiphenyl (total)	MG/KG	0.0219 U	0.02 U	0.025 U	0.0023 U	0.0203 U	0.0182 U	0.0024 U	0.0283 U	0.0263 U	0.0024 U
	Pentachlorobiphenyl (total)	MG/KG	0.0146 U	0.03	0.0167 U	0.0045 UJ	0.0189	0.0121 U	0.0053	0.0273	0.0175 U	0.0045 U
	Tetrachlorobiphenyl (total)	MG/KG	0.0146 U	0.0133 U	0.0167 U	0.0041 U	0.0609	0.0121 U	0.012	0.105	0.0175 U	0.0041 U
	Trichlorobiphenyl (total)	MG/KG	0.0073 U	0.00666 U	0.00834 U	0.0023 UJ	0.00677 U	0.00607 U	0.0072	0.00942 U	0.00876 U	0.0024 U
Total Homolog (PCBs)	MG/KG	0.091 U	0.107	0.104 U	0.029 U	0.162	0.076 U	0.030 U	0.231	0.109 U	0.029 U	
Metals	Antimony	MG/KG	1.46 U	1.33 U	1.67 U		1.35 U	1.21 U		1.88 U	1.75 U	
	Arsenic*	MG/KG	2.75	4.98	8.96	8.32	11.3	10.1	5.54	7.75	7.19	5.95
	Cadmium*	MG/KG	0.73 U	1.41	1.8	0.96	1.97	2.51	0.5 U	3.42	4.29	0.5 U
	Chromium*	MG/KG	14	207	179	48	763	548	22	307	427	22 J
	Copper*	MG/KG	34	647	1,460	644	165	143	10	879	1,120	9
	Lead*	MG/KG	9.71	69.2	177	155 J	47.1	47	6.29	94	90.6	6.19
	Manganese	MG/KG	143	240	297		2690	3200		350	329	
	Mercury*	MG/KG		0.0439 U		0.98 J	0.0447 U		0.05 U	0.0622 U		0.05 U
	Nickel*	MG/KG	10.3	25.6	33.9	26.4	138	50.2	16.8	39.6	37.6	15.9
	Selenium	MG/KG	1.46 U	1.38	1.67 U		1.35 U	1.21 U		2.31	1.75 U	
	Silver	MG/KG	1.46 U	1.33 U	1.67 U	0.58	2.97	4.76	0.5 U	50.1	14.5	0.5 U
	Zinc*	MG/KG	70.8 J	349	698	387	236	197	58	467	555 J	55
Average ERM-Q (8 Metals)	NA	0.11	0.63	1.20	0.63	0.91	0.67	0.11	2.55	1.53	0.10	
Cyanide	Cyanide, Total	MG/KG	0.73 UJ	0.666 U	0.834 UJ		0.677 U	0.607 UJ		0.942 U	0.876 UJ	
PAHs	Acenaphthene	MG/KG										0.01 U
	Acenaphthylene	MG/KG										0.01 U
	Anthracene	MG/KG										0.01 U
	Benzo(a)anthracene	MG/KG										0.01 U
	Benzo(a)pyrene	MG/KG										0.01 U
	Benzo(b)fluoranthene	MG/KG										0.01 U
	Benzo(ghi)perylene	MG/KG										0.01 U
	Benzo(k)fluoranthene	MG/KG										0.01 U
	Chrysene	MG/KG										0.01 U
	Dibenz(a,h)anthracene	MG/KG										0.01 U
	Fluoranthene	MG/KG										0.01 U
	Fluorene	MG/KG										0.01 U
	Indeno(1,2,3-cd)pyrene	MG/KG										0.01 U
	Naphthalene	MG/KG										0.01 U
	Phenanthrene	MG/KG										0.01 U
Pyrene	MG/KG										0.01 U	

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-B6 SD14TFB601FS 4/25/14 1 - 2		SD2014-TF-B7 SD14TFB700FS 4/22/14 0 - 0.5		SD2014-TF-B7 SD14TFB701FS 4/22/14 1 - 2		SD2014-TF-B7 SD14TFB703FS 4/6/15 3 - 4		SD2014-TF-C1 SD14TFC100FS 4/30/14 0 - 0.5		SD2014-TF-C1 SD14TFC101FS 4/30/14 1 - 2		SD2014-TF-C1 SD14TFC102FS 4/3/15 2 - 3		SD2014-TF-C2 SD14TFC200FS 4/25/14 0 - 0.5		SD2014-TF-C2 SD14TFC201FS 4/25/14 1 - 2		SD2014-TF-C2 SD14TFC202FS 4/3/15 2 - 3		
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result
PCB Congeners	CI10-BZ#209	MG/KG																					0.0001 U
	CI2-BZ#8	MG/KG																					0.0001 U
	CI3-BZ#18	MG/KG																					0.0001 U
	CI3-BZ#28	MG/KG																					0.0001 U
	CI4-BZ#44	MG/KG																					0.0001 U
	CI4-BZ#49	MG/KG																					0.0001 J
	CI4-BZ#52	MG/KG																					0.00016 J
	CI4-BZ#66	MG/KG																					0.00009 J
	CI4-BZ#77	MG/KG																					0.0001 U
	CI5-BZ#101	MG/KG																					0.00012
	CI5-BZ#105	MG/KG																					0.0001 U
	CI5-BZ#118	MG/KG																					0.0001 U
	CI5-BZ#126	MG/KG																					0.0001 U
	CI5-BZ#128	MG/KG																					0.0001 U
	CI5-BZ#87	MG/KG																					0.0001 U
	CI6-BZ#138	MG/KG																					0.0001 U
	CI6-BZ#153	MG/KG																					0.0001 U
	CI6-BZ#170	MG/KG																					0.0001 U
	CI7-BZ#180	MG/KG																					0.0001 U
	CI7-BZ#183	MG/KG																					0.0001 U
	CI7-BZ#184	MG/KG																					0.0001 U
	CI7-BZ#187	MG/KG																					0.0001 U
	CI8-BZ#195	MG/KG																					0.0001 U
	CI9-BZ#206	MG/KG																					0.0001 U
SVOCs	3 & 4 Methylphenol	MG/KG	0.365 U		0.333 U			0.416 U				R		0.303 U				0.471 U		0.438 U			
	Acenaphthene	MG/KG	0.0073 U		0.133 U			0.0166 U				R		0.0607 U				0.188 UJ		0.0175 U			
	Acenaphthylene	MG/KG	0.0073 U		0.133 U			0.0166				R		0.0607 U				0.188 UJ		0.0394			
	Anthracene	MG/KG	0.0073 U		0.153			0.0166 U				0.135		0.124				0.349		0.0254			
	Benzo(a)anthracene	MG/KG	0.0073 U		0.293			0.0583				0.416		0.537				0.716		0.182			
	Benzo(a)pyrene	MG/KG	0.0073 U		0.339			0.0549				0.355		0.382				0.82		0.157			
	Benzo(b)fluoranthene	MG/KG	0.0073 U		0.28 J			0.0632				0.406 J		0.619				0.546		0.182			
	Benzo(ghi)perylene	MG/KG	0.0073 U		0.16			0.0316				0.206		0.2				0.433		0.108			
	Benzo(k)fluoranthene	MG/KG	0.0073 U		0.226			0.0466				0.474		0.4				0.81		0.117			
	Bis(2-Ethylhexyl)phthalate	MG/KG	0.365 U		0.333 UJ			0.416 U				0.48 J		0.303 U				0.471 U		0.438 U			
	Carbazole	MG/KG	0.365 U		0.333 UJ			0.416 U				R		0.303 U				0.471 U		0.438 U			
	Chrysene	MG/KG	0.0073 U		0.32			0.0408				0.386		0.346				0.744		0.139			
	Dibenz(a,h)anthracene	MG/KG	0.0073 U		0.133 U			0.0166 U				0.0677 U		0.118				0.207		0.0394			
	Fluoranthene	MG/KG	0.00767		0.393			0.0657				0.792		0.825				1.58		0.198			
	Fluorene	MG/KG	0.0073 U		0.133 U			0.0166 U				0.0677 UJ		0.0607 U				0.188 U		0.0175 U			
	Indeno(1,2,3-cd)pyrene	MG/KG	0.0073 U		0.146			0.0316				0.22		0.23				0.396		0.0894			
	Naphthalene	MG/KG	0.0073 U		0.133 U			0.0166 U				R		0.0607 U				R		0.0175 U			
	Phenanthrene	MG/KG	0.0073 U		0.146			0.0233				0.775		0.528				0.951		0.0753			
	Pyrene	MG/KG	0.00949		0.599			0.0924				0.683		0.664				1.27		0.247			
TOC	Total Organic Carbon	MG/KG	16,900 J		31,700			26,000 J				16,300		3,470 J				25,100		17,200 J			19,000
Solids	Percent Solids	PERCENT	68.5		75.1			59.9				73.9		82.4				53.1		57.1			

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-C3 SD14TFC300FS 4/25/14 0 - 0.5	SD2014-TF-C3 SD14TFC301FS 4/25/14 1 - 2	SD2014-TF-C4 SD14TFC400FS 4/25/14 0 - 0.5	SD2014-TF-C4 SD14TFC401FS 4/25/14 1 - 2	SD2014-TF-C4 SD14TFC402FS 4/3/15 2 - 3	SD2014-TF-C5 SD14TFC500FS 4/25/14 0 - 0.5	SD2014-TF-C5 SD14TFC501FS 4/25/14 1 - 2	SD2014-TF-C5 SD14TFC502FS 4/6/15 2 - 3	SD2014-TF-C6 SD14TFC600FS 4/25/14 0 - 0.5	SD2014-TF-C6 SD14TFC601FS 4/25/14 1 - 2
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.0464 U	0.0418 U	0.0395 U	0.0377 U	0.026 U	0.0418 U	0.0462 U	0.025 U	0.0431 U	0.0375 U
	Aroclor-1232	MG/KG	0.0464 U	0.0418 U	0.0395 U	0.0377 U	0.026 U	0.0418 U	0.0462 U	0.025 U	0.0431 U	0.0375 U
	Aroclor-1242	MG/KG	0.0464 U	0.0418 U	0.0395 U	0.0377 U	0.026 U	0.0418 U	0.0462 U	0.025 U	0.0431 U	0.0375 U
	Aroclor-1248	MG/KG	0.0464 U	0.0418 U	0.0395 U	0.0377 U	0.026 U	0.0418 U	0.0462 U	0.025 U	0.0431 U	0.0375 U
	Aroclor-1254	MG/KG	0.0464 U	0.0418 U	0.0395 U	0.0377 U	0.026 U	0.0418 U	0.0462 U	0.025 U	0.0431 U	0.0375 U
	Aroclor-1260	MG/KG	0.0464 U	0.0418 U	0.0395 U	0.0377 U	0.026 U	0.0418 U	0.0462 U	0.025 U	0.0431 U	0.0375 U
	Aroclor-1262	MG/KG	0.0464 U	0.0418 U	0.0395 U	0.0377 U	0.026 U	0.0418 U	0.0462 U	0.025 U	0.0431 U	0.0375 U
	Aroclor-1268	MG/KG	0.0464 U	0.0418 U	0.0395 U	0.0377 U	0.026 U	0.0418 U	0.0462 U	0.025 U	0.0431 U	0.0375 U
	Total Aroclors (CALC)	MG/KG	0.0464 U	0.0418 U	0.0395 U	0.0377 U	0.026 U	0.0418 U	0.0462 U	0.025 U	0.0431 U	0.0375 U
PCB Homologs	Cl10-BZ#209	MG/KG	0.0464 U	0.0418 U	0.0395 U	0.0377 U		0.0418 U	0.0462 U		0.0431 U	0.0375 U
	Decachlorobiphenyl (total)	MG/KG					0.00051 U			0.00049 U		
	Dichlorobiphenyl (total)	MG/KG	0.00927 U	0.00835 U	0.00789 U	0.00754 U	0.0025 U	0.00837 U	0.00923 U	0.0024 U	0.00861 U	0.0075 U
	Heptachlorobiphenyl (total)	MG/KG	0.0278 U	0.0251 U	0.0237 U	0.0226 U	0.0037 U	0.0251 U	0.0277 U	0.0035 U	0.0258 U	0.0225 U
	Hexachlorobiphenyl (total)	MG/KG	0.0185 U	0.0167 U	0.0158 U	0.0151 U	0.0043 U	0.0167 U	0.0185 U	0.0041 U	0.0172 U	0.015 U
	Monochlorobiphenyl (total)	MG/KG	0.00927 U	0.00835 U	0.00789 U	0.00754 U	0.00092 U	0.00837 U	0.00923 U	0.00088 U	0.00861 U	0.0075 U
	Nonachlorobiphenyl (total)	MG/KG	0.0464 U	0.0418 U	0.0395 U	0.0377 U	0.00092 U	0.0418 U	0.0462 U	0.00088 U	0.0431 U	0.0375 U
	Octachlorobiphenyl (total)	MG/KG	0.0278 U	0.0251 U	0.0237 U	0.0226 U	0.0025 U	0.0251 U	0.0277 U	0.0024 U	0.0258 U	0.0225 U
	Pentachlorobiphenyl (total)	MG/KG	0.0185 U	0.0167 U	0.0158 U	0.0151 U	0.0047 U	0.0167 U	0.0185 U	0.0045 U	0.0172 U	0.015 U
	Tetrachlorobiphenyl (total)	MG/KG	0.0185 U	0.0167 U	0.0158 U	0.0151 U	0.0043 U	0.0167 U	0.0185 U	0.0041 U	0.0172 U	0.015 U
	Trichlorobiphenyl (total)	MG/KG	0.00927 U	0.00835 U	0.00789 U	0.00754 U	0.0025 U	0.00837 U	0.00923 U	0.0024 U	0.00861 U	0.0075 U
Total Homolog (PCBs)	MG/KG	0.116 U	0.104 U	0.099 U	0.094 U	0.031 U	0.105 U	0.116 U	0.029 U	0.108 U	0.094 U	
Metals	Antimony	MG/KG	1.85 U	1.67 U	1.58 U	1.51 U		1.67 U	1.85 U		1.72 U	1.5 U
	Arsenic*	MG/KG	7.58	4.67	7.15	6.31	4.5	7.98	7.21	3.89	5.96	3.05
	Cadmium*	MG/KG	1.56	0.835 U	1.88	1.97	0.5 U	1.42	0.923 U	0.5 U	0.861 U	0.75 U
	Chromium*	MG/KG	150	24	210	325	17	156	40	14 J	57	13
	Copper*	MG/KG	621	32	781	412	8	839	548	40	419	56
	Lead*	MG/KG	88.6	10.6	92.9	57.3	4.67	114	175	13.1	76.6	19.7
	Manganese	MG/KG	334	265	304	597		324	284		249	138
	Mercury*	MG/KG	0.0612 U		0.0521 U		0.05 U	0.0552 U		0.23	0.0569 U	
	Nickel*	MG/KG	31.8	17.1	32.9	46	12.8	31.7	25.5	10.5	21.6	11
	Selenium	MG/KG	1.91	1.67 U	1.86	1.51 U		2.26	1.85 U		2.13	1.5 U
	Silver	MG/KG	2.81	1.67 U	1.89	7.09	0.5 U	1.67 U	1.85 U	0.5 U	1.72 U	1.5 U
	Zinc*	MG/KG	349	67.1 J	415	309 J	46.3	415	308 J	71.5	252	91.6 J
	Average ERM-Q (8 Metals)	NA	0.70	0.13	0.79	0.82	0.09	0.77	0.57	0.11	0.43	0.13
Cyanide	Cyanide, Total	MG/KG	0.927 U	0.835 UJ	0.789 U	0.754 UJ		0.837 U	0.923 UJ		0.861 U	0.75 UJ
PAHs	Acenaphthene	MG/KG										
	Acenaphthylene	MG/KG										
	Anthracene	MG/KG										
	Benzo(a)anthracene	MG/KG										
	Benzo(a)pyrene	MG/KG										
	Benzo(b)fluoranthene	MG/KG										
	Benzo(ghi)perylene	MG/KG										
	Benzo(k)fluoranthene	MG/KG										
	Chrysene	MG/KG										
	Dibenz(a,h)anthracene	MG/KG										
	Fluoranthene	MG/KG										
	Fluorene	MG/KG										
	Indeno(1,2,3-cd)pyrene	MG/KG										
	Naphthalene	MG/KG										
	Phenanthrene	MG/KG										
Pyrene	MG/KG											

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-C3 SD14TFC300FS 4/25/14 0 - 0.5		SD2014-TF-C3 SD14TFC301FS 4/25/14 1 - 2		SD2014-TF-C4 SD14TFC400FS 4/25/14 0 - 0.5		SD2014-TF-C4 SD14TFC401FS 4/25/14 1 - 2		SD2014-TF-C4 SD14TFC402FS 4/3/15 2 - 3		SD2014-TF-C5 SD14TFC500FS 4/25/14 0 - 0.5		SD2014-TF-C5 SD14TFC501FS 4/25/14 1 - 2		SD2014-TF-C5 SD14TFC502FS 4/6/15 2 - 3		SD2014-TF-C6 SD14TFC600FS 4/25/14 0 - 0.5		SD2014-TF-C6 SD14TFC601FS 4/25/14 1 - 2	
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Congeners	CI10-BZ#209	MG/KG																				
	CI2-BZ#8	MG/KG																				
	CI3-BZ#18	MG/KG																				
	CI3-BZ#28	MG/KG																				
	CI4-BZ#44	MG/KG																				
	CI4-BZ#49	MG/KG																				
	CI4-BZ#52	MG/KG																				
	CI4-BZ#66	MG/KG																				
	CI4-BZ#77	MG/KG																				
	CI5-BZ#101	MG/KG																				
	CI5-BZ#105	MG/KG																				
	CI5-BZ#118	MG/KG																				
	CI5-BZ#126	MG/KG																				
	CI5-BZ#128	MG/KG																				
	CI5-BZ#87	MG/KG																				
	CI6-BZ#138	MG/KG																				
	CI6-BZ#153	MG/KG																				
	CI6-BZ#170	MG/KG																				
	CI7-BZ#180	MG/KG																				
	CI7-BZ#183	MG/KG																				
CI7-BZ#184	MG/KG																					
CI7-BZ#187	MG/KG																					
CI8-BZ#195	MG/KG																					
CI9-BZ#206	MG/KG																					
SVOCs	3 & 4 Methylphenol	MG/KG	0.464 UJ		0.418 U		R		0.378 U				R		0.462 U				R		0.376 U	
	Acenaphthene	MG/KG	0.0464 UJ		0.00835 U		0.0789 UJ		0.00756 U				0.0837 UJ		0.0185 U				0.0861 UJ		0.015 U	
	Acenaphthylene	MG/KG	0.058 J		0.00835 U		0.134 J		0.00756 U				0.117 J		0.0185 U				0.116 J		0.015 U	
	Anthracene	MG/KG	0.0672		0.00835 U		0.118		0.00756 U				0.113		0.0185 U				0.116		0.015 U	
	Benzo(a)anthracene	MG/KG	0.153		0.0113		0.296		0.00756 U				0.301		0.0618				0.297		0.0526	
	Benzo(a)pyrene	MG/KG	0.22		0.0104		0.434		0.00756 U				0.414		0.0637				0.422		0.0474	
	Benzo(b)fluoranthene	MG/KG	0.204		0.00877		0.351		0.00756 U				0.176		0.0665				0.414		0.0413	
	Benzo(ghi)perylene	MG/KG	0.118		0.00835 U		0.229		0.00756 U				0.213		0.0443				0.22		0.0316	
	Benzo(k)fluoranthene	MG/KG	0.192		0.00835		0.477		0.00756 U				0.393		0.0443				0.448		0.0361	
	Bis(2-Ethylhexyl)phthalate	MG/KG	0.464 U		0.418 U		R		0.378 U				R		0.462 U				R		0.376 U	
	Carbazole	MG/KG	0.464 U		0.418 U		R		0.378 U				R		0.462 U				R		0.376 U	
	Chrysene	MG/KG	0.172		0.01		0.335		0.00756 U				0.322		0.0489				0.327		0.0376	
	Dibenz(a,h)anthracene	MG/KG	0.051		0.00835 U		0.0986		0.00756 U				0.092		0.0185 U				0.0991		0.015 U	
	Fluoranthene	MG/KG	0.243		0.0129		0.414		0.00756 U				0.431		0.0609				0.435		0.0729	
	Fluorene	MG/KG	0.0464 U		0.00835 U		0.0789 U		0.00756 U				0.0837 U		0.0185 U				0.0861 U		0.015 U	
	Indeno(1,2,3-cd)pyrene	MG/KG	0.109		0.00835 U		0.205		0.00756 U				0.201		0.0323				0.207		0.0241	
	Naphthalene	MG/KG		R	0.00835 U			R	0.00756 U					R	0.0185 U					R		0.015 U
Phenanthrene	MG/KG	0.095		0.00835 U		0.174		0.00756 U				0.163		0.0249				0.151		0.0308		
Pyrene	MG/KG	0.264		0.02		0.544		0.00756 U				0.519		0.0877				0.465		0.102		
TOC	Total Organic Carbon	MG/KG	22,500		15,100 J		25,800		8,550 J				28,500		17,700 J				22,500		6,460 J	
Solids	Percent Solids	PERCENT	53.9		59.9		63.4		66.3				59.8		54.2				58		66.7	

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-C7 SD14TFC700FS 4/23/14 0 - 0.5	SD2014-TF-C7 SD14TFC701FS 4/24/14 1 - 2	SD2014-TF-C7 SD14TFC702FS 4/3/15 2 - 3	SD2014-TF-D1 SD14TFD100FS 4/22/14 0 - 0.5	SD2014-TF-D1 SD14TFD101FS 4/22/14 1 - 2	SD2014-TF-D1 SD14TFD102FS 4/3/15 2 - 3	SD2014-TF-D2 SD14TFD200FS 4/25/14 0 - 0.5	SD2014-TF-D2 SD14TFD201FS 4/25/14 1 - 2	SD2014-TF-D3 SD14TFD300FS 4/29/14 0 - 0.5	SD2014-TF-D3 SD14TFD301FS 4/29/14 1 - 2
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.0415 U	0.0461 UJ	0.024 U	0.0342 U	0.0422 U	0.025 U	0.0446 U	0.0432 U	0.0456 UJ	0.0467 U
	Aroclor-1232	MG/KG	0.0415 U	0.0461 UJ	0.024 U	0.0342 U	0.0422 U	0.025 U	0.0446 U	0.0432 U	0.0456 UJ	0.0467 U
	Aroclor-1242	MG/KG	0.0415 U	0.0461 UJ	0.024 U	0.0342 U	0.0422 U	0.025 U	0.0446 U	0.0432 U	0.0456 UJ	0.0467 U
	Aroclor-1248	MG/KG	0.0415 U	0.0461 UJ	0.024 U	0.254	0.0422 U	0.025 U	0.153	0.0432 U	0.0456 UJ	0.0467 U
	Aroclor-1254	MG/KG	0.0415 U	0.0461 UJ	0.024 U	0.0342 U	0.0422 U	0.025 U	0.0446 U	0.0432 U	0.0456 UJ	0.0467 U
	Aroclor-1260	MG/KG	0.0415 U	0.0461 UJ	0.024 U	0.0427	0.0422 U	0.025 U	0.0446 U	0.0432 U	0.0456 UJ	0.0467 U
	Aroclor-1262	MG/KG	0.0415 U	0.0461 UJ	0.024 U	0.0342 U	0.0422 U	0.025 U	0.0446 U	0.0432 U	0.0456 UJ	0.0467 U
	Aroclor-1268	MG/KG	0.0415 U	0.0461 UJ	0.024 U	0.0342 U	0.0422 U	0.025 U	0.0446 U	0.0432 U	0.0456 UJ	0.0467 U
	Total Aroclors (CALC)	MG/KG	0.0415 U	0.0461 UJ	0.024 U	0.296	0.0422 U	0.025 U	0.153	0.0432 U	0.0456 UJ	0.0467 U
PCB Homologs	Cl10-BZ#209	MG/KG	0.0415 U	0.0461 U		0.0342 U	0.0422 U		0.0446 U	0.0432 U	0.0456 U	0.0467 U
	Decachlorobiphenyl (total)	MG/KG			0.0005 U			0.0005 U				
	Dichlorobiphenyl (total)	MG/KG	0.0083 U	0.00923 U	0.0023 U	0.00684 U	0.00844 U	0.0024 U	0.00892 U	0.00864 U	0.00912 U	0.00933 U
	Heptachlorobiphenyl (total)	MG/KG	0.0249 U	0.0277 U	0.0035 U	0.0205 U	0.0253 U	0.0036 U	0.0268 U	0.0259 U	0.0274 U	0.028 U
	Hexachlorobiphenyl (total)	MG/KG	0.0166 U	0.0185 U	0.0041 U	0.0137 U	0.0169 U	0.0042 U	0.0178 U	0.0173 U	0.0182 U	0.0187 U
	Monochlorobiphenyl (total)	MG/KG	0.0083 U	0.00923 U	0.0009 U	0.00684 U	0.00844 U	0.00091 U	0.00892 U	0.00864 U	0.00912 U	0.00933 U
	Nonachlorobiphenyl (total)	MG/KG	0.0415 U	0.0461 U	0.0009 U	0.0342 U	0.0422 U	0.00091 U	0.0446 U	0.0432 U	0.0456 U	0.0467 U
	Octachlorobiphenyl (total)	MG/KG	0.0249 U	0.0277 U	0.0023 U	0.0205 U	0.0253 U	0.0024 U	0.0268 U	0.0259 U	0.0274 U	0.028 U
	Pentachlorobiphenyl (total)	MG/KG	0.0166 U	0.0185 U	0.0045 U	0.0137 U	0.0169 U	0.0046 U	0.0205	0.0173 U	0.0182 U	0.0187 U
	Tetrachlorobiphenyl (total)	MG/KG	0.0166 U	0.0185 U	0.0041 U	0.0137 U	0.0169 U	0.0072	0.0812	0.0173 U	0.0182 U	0.0187 U
	Trichlorobiphenyl (total)	MG/KG	0.0083 U	0.00923 U	0.0023 U	0.013	0.00844 U	0.0025	0.0214	0.00864 U	0.00912 U	0.00933 U
Total Homolog (PCBs)	MG/KG	0.104 U	0.115 U	0.029 U	0.095	0.106 U	0.030 U	0.212	0.108 U	0.114 U	0.117 U	
Metals	Antimony	MG/KG	1.66 U	1.85 U		1.37 U	1.69 U		1.78 U	1.73 U	1.82 U	1.87 U
	Arsenic*	MG/KG	5.8	9.48	3.37	6.21	2.74	5.41	8.26	6.86	9.28	4.4
	Cadmium*	MG/KG	1.29	4.4	0.5 U	3.99	2.33	0.5 U	3.22	0.864 U	2.71	0.933 U
	Chromium*	MG/KG	157	611	14 J	207	186	21	285	54	345	22
	Copper*	MG/KG	452	2,310	82	231	343	10	907	236	1,150	17
	Lead*	MG/KG	64.8	173	23	40.6	34.2	6.66	92.2	35.8	119	7.22
	Manganese	MG/KG	284	386		330	185		346	309	391	262
	Mercury*	MG/KG	0.0548 U		0.1	0.0451 U		0.05 U	0.0589 U		0.0602 U	
	Nickel*	MG/KG	30.5	52.6	9.49	46.1	16	15.6	41.2	23	53.1	16.5
	Selenium	MG/KG	1.66 U	1.85 U		1.37 U	1.69 U		2.1	1.73 U	2.52	1.87 U
	Silver	MG/KG	2.11	1.85 U	0.5 U	2.46	1.69 U	0.5 U	5.77	1.73 U	5.33	1.87 U
	Zinc*	MG/KG	281	1080	72.2	197	199	54	483	192 J	555	60 J
	Average ERM-Q (8 Metals)	NA	0.56	1.94	0.13	0.52	0.40	0.10	1.07	0.31	1.25	0.12
Cyanide	Cyanide, Total	MG/KG	0.83 U	1.66 J		0.684 U	0.844 UJ		0.892 U	0.864 UJ	0.912 U	0.933 UJ
PAHs	Acenaphthene	MG/KG			0.01 U							
	Acenaphthylene	MG/KG			0.027							
	Anthracene	MG/KG			0.031							
	Benzo(a)anthracene	MG/KG			0.21							
	Benzo(a)pyrene	MG/KG			0.22							
	Benzo(b)fluoranthene	MG/KG			0.16							
	Benzo(ghi)perylene	MG/KG			0.099							
	Benzo(k)fluoranthene	MG/KG			0.18							
	Chrysene	MG/KG			0.19							
	Dibenz(a,h)anthracene	MG/KG			0.03							
	Fluoranthene	MG/KG			0.16							
	Fluorene	MG/KG			0.009 J							
	Indeno(1,2,3-cd)pyrene	MG/KG			0.1							
	Naphthalene	MG/KG			0.012							
	Phenanthrene	MG/KG			0.073							
Pyrene	MG/KG			0.37								

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-C7 SD14TFC700FS 4/23/14 0 - 0.5		SD2014-TF-C7 SD14TFC701FS 4/24/14 1 - 2		SD2014-TF-C7 SD14TFC702FS 4/3/15 2 - 3		SD2014-TF-D1 SD14TFD100FS 4/22/14 0 - 0.5		SD2014-TF-D1 SD14TFD101FS 4/22/14 1 - 2		SD2014-TF-D1 SD14TFD102FS 4/3/15 2 - 3		SD2014-TF-D2 SD14TFD200FS 4/25/14 0 - 0.5		SD2014-TF-D2 SD14TFD201FS 4/25/14 1 - 2		SD2014-TF-D3 SD14TFD300FS 4/29/14 0 - 0.5		SD2014-TF-D3 SD14TFD301FS 4/29/14 1 - 2		
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result
PCB Congeners	CI10-BZ#209	MG/KG																					
	CI2-BZ#8	MG/KG																					
	CI3-BZ#18	MG/KG																					
	CI3-BZ#28	MG/KG																					
	CI4-BZ#44	MG/KG																					
	CI4-BZ#49	MG/KG																					
	CI4-BZ#52	MG/KG																					
	CI4-BZ#66	MG/KG																					
	CI4-BZ#77	MG/KG																					
	CI5-BZ#101	MG/KG																					
	CI5-BZ#105	MG/KG																					
	CI5-BZ#118	MG/KG																					
	CI5-BZ#126	MG/KG																					
	CI5-BZ#128	MG/KG																					
	CI5-BZ#87	MG/KG																					
	CI6-BZ#138	MG/KG																					
	CI6-BZ#153	MG/KG																					
	CI6-BZ#170	MG/KG																					
	CI7-BZ#180	MG/KG																					
	CI7-BZ#183	MG/KG																					
	CI7-BZ#184	MG/KG																					
	CI7-BZ#187	MG/KG																					
	CI8-BZ#195	MG/KG																					
	CI9-BZ#206	MG/KG																					
SVOCs	3 & 4 Methylphenol	MG/KG	0.415 U		0.461 U				R		0.422 U				0.445 U		0.432 U		0.456 U		0.467 U		
	Acenaphthene	MG/KG	0.166 UJ		0.0461 U				0.0684 U		0.0422 U				0.0178 U		0.00864 U		0.0182 U		0.00933 U		
	Acenaphthylene	MG/KG	0.166 UJ		0.0484				0.0684 U		0.0548				0.105		0.00864 U		0.042		0.00933 U		
	Anthracene	MG/KG	0.166 U		0.0461 U				0.0684 U		0.0422 U				0.0828		0.00864 U		0.0401		0.00933 U		
	Benzo(a)anthracene	MG/KG	0.183		0.164				0.106		0.179				0.333		0.0212		0.139		0.00933 U		
	Benzo(a)pyrene	MG/KG	0.199		0.159				0.123		0.175				0.352		0.0203		0.153		0.00933 U		
	Benzo(b)fluoranthene	MG/KG	0.166 U		0.148				0.137 J		0.198				0.247		0.0199		0.109		0.00933 U		
	Benzo(ghi)perylene	MG/KG	0.166 U		0.0669				0.0684 U		0.0527				0.185		0.0138		0.0949		0.00933 U		
	Benzo(k)fluoranthene	MG/KG	0.199		0.134				0.133		0.156				0.32		0.0138		0.172		0.00933 U		
	Bis(2-Ethylhexyl)phthalate	MG/KG	0.415 U		0.461 U				R		0.422 U				0.445 U		0.432 U		0.456 U		0.467 U		
	Carbazole	MG/KG	0.415 U		0.461 U				R		0.422 U				0.445 U		0.432 U		0.456 U		0.467 U		
	Chrysene	MG/KG	0.208		0.118				0.12		0.152				0.288		0.0169		0.126		0.00933 U		
	Dibenz(a,h)anthracene	MG/KG	0.166 U		0.0461 U				0.0684 U		0.0422 U				0.0472		0.00864 U		0.0228		0.00933 U		
	Fluoranthene	MG/KG	0.291		0.196				0.178		0.234				0.459		0.022		0.198		0.00933 U		
	Fluorene	MG/KG	0.166 U		0.0461 U				0.0684 U		0.0422 U				0.0383		0.00864 U		0.0201		0.00933 U		
	Indeno(1,2,3-cd)pyrene	MG/KG	0.166 U		0.0761				0.0684 U		0.0591				0.199		0.0117		0.0958		0.00933 U		
	Naphthalene	MG/KG	R		0.0461 U				0.0684 U		0.0422 U				0.0365		0.00864 U		0.0228		0.00933 U		
	Phenanthrene	MG/KG	0.166 U		0.106				0.0821		0.0801				0.261		0.00864 U		0.149		0.00933 U		
	Pyrene	MG/KG	0.374		0.279				0.191		0.289				0.522		0.0307		0.246		0.00933 U		
TOC	Total Organic Carbon	MG/KG	20,200		26,600 J			11,000	21,900		12,200 J				32,900		17,700 J		25,300		13,600 J		
Solids	Percent Solids	PERCENT	60.2		54.2				73.1		59.3				56		57.9		54.8		53.6		

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-D4 SD14TFD400FS 4/29/14 0 - 0.5	SD2014-TF-D4 SD14TFD401FS 4/29/14 1 - 2	SD2014-TF-D5 SD14TFD500FS 5/1/14 0 - 0.5	SD2014-TF-D5 SD14TFD501FS 5/1/14 1 - 2	SD2014-TF-D6 SD14TFD600FS 4/25/14 0 - 0.5	SD2014-TF-D6 SD14TFD601FS 4/25/14 1 - 2	SD2014-TF-D7 SD14TFD700FS 4/25/14 0 - 0.5	SD2014-TF-D7 SD14TFD701FS 4/25/14 1 - 2	SD2014-TF-D7 SD14TFD702FS 4/3/15 2 - 3	SD2014-TF-D7 SD14TFD703FSH 4/3/15 3 - 4
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.0392 U	0.0374 UJ	0.0425 U	0.0377 U	0.0461 U	0.0366 U	0.0443 U	0.0464 U	0.026 U	0.026 U
	Aroclor-1232	MG/KG	0.0392 U	0.0374 UJ	0.0425 U	0.0377 U	0.0461 U	0.0366 U	0.0443 U	0.0464 U	0.026 U	0.026 U
	Aroclor-1242	MG/KG	0.0392 U	0.0374 UJ	0.0425 U	0.0377 U	0.0461 U	0.0366 U	0.0443 U	0.0464 U	0.026 U	0.026 U
	Aroclor-1248	MG/KG	0.0392 U	0.0374 UJ	0.0425 U	0.0377 U	0.0461 U	0.0366 U	0.0443 U	0.0464 U	0.026 U	0.026 U
	Aroclor-1254	MG/KG	0.0392 U	0.0374 UJ	0.0425 U	0.0377 U	0.0461 U	0.0366 U	0.0443 U	0.0464 U	0.026 U	0.026 U
	Aroclor-1260	MG/KG	0.0392 U	0.0374 UJ	0.0425 U	0.0377 U	0.0461 U	0.0366 U	0.0443 U	0.0464 U	0.026 U	0.026 U
	Aroclor-1262	MG/KG	0.0392 U	0.0374 UJ	0.0425 U	0.0377 U	0.0461 U	0.0366 U	0.0443 U	0.0464 U	0.028	0.026 U
	Aroclor-1268	MG/KG	0.0392 U	0.0374 UJ	0.0425 U	0.0377 U	0.0461 U	0.0366 U	0.0443 U	0.0464 U	0.45	0.026 U
	Total Aroclors (CALC)	MG/KG	0.0392 U	0.0374 UJ	0.0425 U	0.0377 U	0.0461 U	0.0366 U	0.0443 U	0.0464 U	0.478	0.026 U
PCB Homologs	Cl10-BZ#209	MG/KG	0.0392 U	0.0374 U	0.0425 U	0.0377 U	0.0461 U	0.0366 U	0.0443 U	0.0464 U		
	Decachlorobiphenyl (total)	MG/KG									0.00051 U	0.0005 U
	Dichlorobiphenyl (total)	MG/KG	0.00785 U	0.00749 U	0.0085 U	0.00754 U	0.00922 U	0.00733 U	0.00885 U	0.00928 U	0.012	0.0025 U
	Heptachlorobiphenyl (total)	MG/KG	0.0235 U	0.0225 U	0.0255 U	0.0226 U	0.0277 U	0.022 U	0.0266 U	0.0278 U	0.039	0.0037 U
	Hexachlorobiphenyl (total)	MG/KG	0.0157 U	0.015 U	0.017 U	0.0151 U	0.0184 U	0.0147 U	0.0177 U	0.0186 U	0.0083	0.0044 U
	Monochlorobiphenyl (total)	MG/KG	0.00785 U	0.00749 U	0.0085 U	0.00754 U	0.00922 U	0.00733 U	0.00885 U	0.00928 U	0.0046	0.0009 U
	Nonachlorobiphenyl (total)	MG/KG	0.0392 U	0.0374 U	0.0425 U	0.0377 U	0.0461 U	0.0366 U	0.0443 U	0.0464 U	0.023	0.0009 U
	Octachlorobiphenyl (total)	MG/KG	0.0235 U	0.0225 U	0.0255 U	0.0226 U	0.0277 U	0.022 U	0.0266 U	0.0278 U	0.045	0.0025 U
	Pentachlorobiphenyl (total)	MG/KG	0.0157 U	0.015 U	0.017 U	0.0151 U	0.0184 U	0.0147 U	0.0177 U	0.0186 U	0.0047 U	0.0048 UJ
	Tetrachlorobiphenyl (total)	MG/KG	0.0157 U	0.015 U	0.017 U	0.0151 U	0.0184 U	0.0147 U	0.0177 U	0.0186 U	0.0043 U	0.0044 U
	Trichlorobiphenyl (total)	MG/KG	0.00785 U	0.00749 U	0.0085 U	0.00754 U	0.00922 U	0.00733 U	0.00885 U	0.00928 U	0.0024 U	0.0025 U
Total Homolog (PCBs)	MG/KG	0.098 U	0.094 U	0.106 U	0.094 U	0.115 U	0.092 U	0.111 U	0.116 U	0.140	0.031 U	
Metals	Antimony	MG/KG	1.57 U	1.5 U	1.7 U	1.51 U	1.84 U	1.47 U	1.77 U	1.86 U		
	Arsenic*	MG/KG	6.47	3.7	7.92	5.18	7.78	5.57	6.52	9.41	9.87	0.98
	Cadmium*	MG/KG	2.08	0.749 U	1.06	0.754 U	1.01	0.733 U	1.71	4.38	4.04	0.5 U
	Chromium*	MG/KG	192	16	118	24	88	33	156	718	396	4 J
	Copper*	MG/KG	604	138	579	160	806	466	471	2,400	2,170	27
	Lead*	MG/KG	84.7	31.4	102	32.8	121	114	69.2	192	203	7.91
	Manganese	MG/KG	306	164	361	254	334	211	324	355		
	Mercury*	MG/KG	0.0518 U		0.0561 U		0.0608 U		0.0584 U		2.98	0.08
	Nickel*	MG/KG	40.1	13.3	30.7	23.3	29.2	18.5	30.4	50	43.7	3.34
	Selenium	MG/KG	1.95	1.5 U	1.72	1.51 U	2.23	1.47 U	1.77 U	1.86 U		
	Silver	MG/KG	2.54	1.5 U	1.7 U	1.51 U	1.84 U	1.47 U	1.77 U	1.86 U	1.28	0.5 U
	Zinc*	MG/KG	388	137 J	337	175	433	282 J	359	1200 J	1120	32.7
	Average ERM-Q (8 Metals)	NA	0.73	0.20	0.60	0.25	0.73	0.46	0.56	2.06	1.82	0.06
Cyanide	Cyanide, Total	MG/KG	0.785 U	0.749 UJ	0.85 U	0.754 UJ	0.922 U	0.733 UJ	0.885 U	0.928 UJ		
PAHs	Acenaphthene	MG/KG										
	Acenaphthylene	MG/KG										
	Anthracene	MG/KG										
	Benzo(a)anthracene	MG/KG										
	Benzo(a)pyrene	MG/KG										
	Benzo(b)fluoranthene	MG/KG										
	Benzo(ghi)perylene	MG/KG										
	Benzo(k)fluoranthene	MG/KG										
	Chrysene	MG/KG										
	Dibenz(a,h)anthracene	MG/KG										
	Fluoranthene	MG/KG										
	Fluorene	MG/KG										
	Indeno(1,2,3-cd)pyrene	MG/KG										
	Naphthalene	MG/KG										
	Phenanthrene	MG/KG										
Pyrene	MG/KG											

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-D4 SD14TFD400FS 4/29/14 0 - 0.5		SD2014-TF-D4 SD14TFD401FS 4/29/14 1 - 2		SD2014-TF-D5 SD14TFD500FS 5/1/14 0 - 0.5		SD2014-TF-D5 SD14TFD501FS 5/1/14 1 - 2		SD2014-TF-D6 SD14TFD600FS 4/25/14 0 - 0.5		SD2014-TF-D6 SD14TFD601FS 4/25/14 1 - 2		SD2014-TF-D7 SD14TFD700FS 4/25/14 0 - 0.5		SD2014-TF-D7 SD14TFD701FS 4/25/14 1 - 2		SD2014-TF-D7 SD14TFD702FS 4/3/15 2 - 3		SD2014-TF-D7 SD14TFD703FSH 4/3/15 3 - 4		
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result
PCB Congeners	CI10-BZ#209	MG/KG																					
	CI2-BZ#8	MG/KG																					
	CI3-BZ#18	MG/KG																					
	CI3-BZ#28	MG/KG																					
	CI4-BZ#44	MG/KG																					
	CI4-BZ#49	MG/KG																					
	CI4-BZ#52	MG/KG																					
	CI4-BZ#66	MG/KG																					
	CI4-BZ#77	MG/KG																					
	CI5-BZ#101	MG/KG																					
	CI5-BZ#105	MG/KG																					
	CI5-BZ#118	MG/KG																					
	CI5-BZ#126	MG/KG																					
	CI5-BZ#128	MG/KG																					
	CI5-BZ#87	MG/KG																					
	CI6-BZ#138	MG/KG																					
	CI6-BZ#153	MG/KG																					
	CI6-BZ#170	MG/KG																					
	CI7-BZ#180	MG/KG																					
	CI7-BZ#183	MG/KG																					
	CI7-BZ#184	MG/KG																					
	CI7-BZ#187	MG/KG																					
	CI8-BZ#195	MG/KG																					
	CI9-BZ#206	MG/KG																					
SVOCs	3 & 4 Methylphenol	MG/KG	0.392 U		0.374 U			0.424 U		0.376 U			0.461 U		0.366 U			0.443 U		0.463 U			
	Acenaphthene	MG/KG	0.0392 U		0.00749 U			R		0.00752 U			0.0184 U		0.00733 U			0.0443 U		0.0926 U			
	Acenaphthylene	MG/KG	0.112		0.00749 U			R		0.00752 U			0.071		0.00733 U			0.108		0.144			
	Anthracene	MG/KG	0.0745		0.00749 U			0.0424 U		0.00977			0.0691		0.00733 U			0.0996		0.0926			
	Benzo(a)anthracene	MG/KG	0.302		0.0112			0.136		0.0616			0.214		0.0154			0.361		0.435			
	Benzo(a)pyrene	MG/KG	0.371		0.00973			0.165		0.059			0.266		0.015			0.387		0.37			
	Benzo(b)fluoranthene	MG/KG	0.31		0.0146			0.131 J		0.0297			0.313		0.0227			0.319		0.31			
	Benzo(ghi)perylene	MG/KG	0.243		0.00749 U			0.11		0.0402			0.162		0.00916			0.243		0.231			
	Benzo(k)fluoranthene	MG/KG	0.322		0.00824			0.201		0.0402			0.23		0.0106			0.367		0.338			
	Bis(2-Ethylhexyl)phthalate	MG/KG	0.392 U		0.374 U			0.424 U		0.376 UJ			0.461 U		0.366 U			0.443 U		0.463 U			
	Carbazole	MG/KG	0.392 U		0.374 U			0.424 U		0.376 U			0.461 U		0.366 U			0.443 U		0.463 U			
	Chrysene	MG/KG	0.288		0.00898			0.119		0.0398			0.186		0.0114			0.319		0.338			
	Dibenz(a,h)anthracene	MG/KG	0.053		0.00749 U			0.0424 U		0.0188			0.0369		0.00733 U			0.0575		0.0926			
	Fluoranthene	MG/KG	0.473		0.0161			0.155		0.0703			0.319		0.0132			0.513		0.505			
	Fluorene	MG/KG	0.0412		0.00749 U			0.0424 UJ		0.00752 U			0.0277		0.00733 U			0.0443		0.0926 U			
	Indeno(1,2,3-cd)pyrene	MG/KG	0.239		0.00749 U			0.112		0.0372			0.172		0.00769			0.246		0.199			
	Naphthalene	MG/KG	0.0431		0.00749 U			R		0.00752 UJ			0.0304		0.00733 U			0.0465		0.0926 U			
	Phenanthrene	MG/KG	0.302		0.00749 U			0.0784		0.0319			0.2		0.00733 U			0.325		0.264			
	Pyrene	MG/KG	0.594		0.0225			0.206		0.0846			0.359		0.0231			0.633		0.903			
TOC	Total Organic Carbon	MG/KG	20,500		6,200 J			20,800		15,300 J			25,700		10,400 J			23,900		32,800 J			
Solids	Percent Solids	PERCENT	63.7		66.8			58.8		66.3			54.2		68.3			56.5		53.9			

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-DE0 SD14TFDE000FD 4/16/14 0 - 0.5	SD2014-TF-DE0 SD14TFDE000FS 4/16/14 0 - 0.5	SD2014-TF-DE0 SD14TFDE001FD 4/16/14 1 - 2	SD2014-TF-DE0 SD14TFDE001FS 4/16/14 1 - 2	SD2014-TF-DE0 SD14TFDE003FS 4/3/15 3 - 4	SD2014-TF-DE0 SD14TFDE005FS 4/3/15 5 - 6	SD2014-TF-E1 SD14TFE100FS 4/23/14 0 - 0.5	SD2014-TF-E1 SD14TFE101FS 4/23/14 1 - 2	SD2014-TF-E1 SD14TFE107FS 4/7/15 7 - 8	SD2014-TF-E2 SD14TFE200FS 4/25/14 0 - 0.5	SD2014-TF-E2 SD14TFE200FS 4/25/14 0 - 0.5	
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	3.81 U	0.338 U	0.0363 U	0.0358 U	0.025 U	0.025 U	0.0458 U	0.047 UJ	0.024 U		0.0442	
	Aroclor-1232	MG/KG	3.81 U	0.338 U	0.0363 U	0.0358 U	0.025 U	0.025 U	0.0458 U	0.047 UJ	0.024 U		0.0442	
	Aroclor-1242	MG/KG	3.81 U	0.338 U	0.0363 U	0.0358 U	0.025 U	0.025 U	0.0458 U	0.047 UJ	0.024 U		0.0442	
	Aroclor-1248	MG/KG	77.1 J	20.5 J	0.39	0.475	0.025 U	0.025 U	0.523	0.047 UJ	0.024 U		0.0442	
	Aroclor-1254	MG/KG	3.81 U	0.338 U	0.0363 U	0.0358 U	0.025 U	0.025 U	0.0458 U	0.047 UJ	0.024 U		0.0442	
	Aroclor-1260	MG/KG	5.56 J	1.78 J	0.0363 U	0.0358 U	0.025 U	0.025 U	0.0964	0.047 UJ	0.024 U		0.0442	
	Aroclor-1262	MG/KG	3.81 U	0.338 U	0.0363 U	0.0358 U	0.025 U	0.025 U	0.0458 U	0.047 UJ	0.024 U		0.0442	
	Aroclor-1268	MG/KG	3.81 U	0.338 U	0.0363 U	0.0358 U	0.025 U	0.025 U	0.0458 U	0.047 UJ	0.024 U		0.0442	
	Total Aroclors (CALC)	MG/KG	82.6 J	22.3 J	0.39	0.475	0.025 U	0.025 U	0.619	0.047 UJ	0.024 U		0.0442	
PCB Homologs	Cl10-BZ#209	MG/KG	0.0381 U	0.0338 U	0.0363 U	0.0358 U			0.0458 U	0.047 U		0.0419 U	0.0442	
	Decachlorobiphenyl (total)	MG/KG					0.0005 U	0.0005 U			0.0005 U			
	Dichlorobiphenyl (total)	MG/KG	0.101 J	0.0973 J	0.00726 UJ	0.00715 UJ	0.0024 U	0.0024 U	0.00916 U	0.0094 U	0.0023 U	0.00838 U	0.00884	
	Heptachlorobiphenyl (total)	MG/KG	0.314	0.341	0.0378 J	0.0215 UJ	0.0036 U	0.0036 U	0.0275 U	0.0282 U	0.0035 U	0.0251 U	0.0265	
	Hexachlorobiphenyl (total)	MG/KG	1.07	0.79	0.0958 J	0.0143 UJ	0.0042 U	0.0042 U	0.022	0.0188 U	0.0041 U	0.0168 U	0.0177	
	Monochlorobiphenyl (total)	MG/KG	0.0305 U	0.027 U	0.00726 U	0.00715 U	0.0009 U	0.00089 U	0.00916 U	0.0094 U	0.0009 U	0.00838 U	0.00884	
	Nonachlorobiphenyl (total)	MG/KG	0.152 U	0.135 U	0.0363 U	0.0358 U	0.0009 U	0.00089 U	0.0458 U	0.047 U	0.0009 U	0.0419 U	0.0442	
	Octachlorobiphenyl (total)	MG/KG	0.198	0.154	0.0218 UJ	0.0215 UJ	0.0024 U	0.0024 U	0.0275 U	0.0282 U	0.0023 U	0.0251 U	0.0265	
	Pentachlorobiphenyl (total)	MG/KG	4.91	4.36	0.624 J	0.107 J	0.0046 U	0.0046 U	0.0183 U	0.0188 U	0.0045 U	0.0251 U	0.0177	
	Tetrachlorobiphenyl (total)	MG/KG	16.2	14.7	1.57 J	0.208 J	0.0042 U	0.0066	0.227	0.0188 U	0.0041 U	0.171	0.0177	
	Trichlorobiphenyl (total)	MG/KG	7.6	8.38	0.903 J	0.0551 J	0.0024 U	0.0024	0.239	0.0094 U	0.0023 U	0.153	0.00884	
Total Homolog (PCBs)	MG/KG	30.503	28.920 J	3.285	0.442 J	0.030 U	0.030 U	0.580	0.118 U	0.029 U	0.433	0.111		
Metals	Antimony	MG/KG	2.83	1.35 U	2.1	1.43 U			1.83 U	1.88 U		1.68 U	1.77	
	Arsenic*	MG/KG	4.66	5.14	5.96	7.26	5.1	6.21	8.59	6.52	5.27	5.33	5.27	
	Cadmium*	MG/KG	4.83	4.6	1.94	2.37	0.5 U	0.5 U	4.59	6.05	0.5 U	1.91	0.884	
	Chromium*	MG/KG	354	352	133	206	22	22	404	464	22 J	199	46	
	Copper*	MG/KG	294	318	109	141	12	13	654	1,160	9	271	276	
	Lead*	MG/KG	104	78.4	19.7	24	6.72	7.18	97.6	110	5.86	70.4	26.5	
	Manganese	MG/KG	562	509	228	337			361	359		267	241	
	Mercury*	MG/KG	0.0503 U	0.0446 U			0.05 U	0.05 U	0.0605 U		0.05 U	0.0553 U		
	Nickel*	MG/KG	722	663	59.2	79.6	16.1	17.8	102	37.8	15.5	57.1	19.2	
	Selenium	MG/KG	1.52 U	1.35 U	1.45 U	1.43 U			1.83 U	1.88 U		1.68 U	1.77	
	Silver	MG/KG	6.97	5.71	1.45 U	1.43 U	0.5 U	0.5 U	5.82	1.88 U	0.5 U	2.81	1.77	
	Zinc*	MG/KG	292	276	120	133	59.4	59.1	497	603	52.9	207	189	
	Average ERM-Q (8 Metals)	NA		2.26		0.45	0.11	0.11	1.17	1.15	0.10	0.56	0.31	
Cyanide	Cyanide, Total	MG/KG	0.761 UJ	0.879 J	0.726 UJ	0.715 UJ			0.916 U	0.94 UJ		0.838 U	0.884	
PAHs	Acenaphthene	MG/KG												
	Acenaphthylene	MG/KG												
	Anthracene	MG/KG												
	Benzo(a)anthracene	MG/KG												
	Benzo(a)pyrene	MG/KG												
	Benzo(b)fluoranthene	MG/KG												
	Benzo(ghi)perylene	MG/KG												
	Benzo(k)fluoranthene	MG/KG												
	Chrysene	MG/KG												
	Dibenz(a,h)anthracene	MG/KG												
	Fluoranthene	MG/KG												
	Fluorene	MG/KG												
	Indeno(1,2,3-cd)pyrene	MG/KG												
	Naphthalene	MG/KG												
	Phenanthrene	MG/KG												
Pyrene	MG/KG													

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-DE0 SD14TFDE000FD 4/16/14 0 - 0.5	SD2014-TF-DE0 SD14TFDE000FS 4/16/14 0 - 0.5	SD2014-TF-DE0 SD14TFDE001FD 4/16/14 1 - 2	SD2014-TF-DE0 SD14TFDE001FS 4/16/14 1 - 2	SD2014-TF-DE0 SD14TFDE003FS 4/3/15 3 - 4	SD2014-TF-DE0 SD14TFDE005FS 4/3/15 5 - 6	SD2014-TF-E1 SD14TFE100FS 4/23/14 0 - 0.5	SD2014-TF-E1 SD14TFE101FS 4/23/14 1 - 2	SD2014-TF-E1 SD14TFE107FS 4/7/15 7 - 8	SD2014-TF-E2 SD14TFE200FS 4/25/14 0 - 0.5	SD2014-TF-E2 SD14TFE200FS 4/25/14 0 - 0.5						
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual					
PCB Congeners	CI10-BZ#209	MG/KG																	
	CI2-BZ#8	MG/KG																	
	CI3-BZ#18	MG/KG																	
	CI3-BZ#28	MG/KG																	
	CI4-BZ#44	MG/KG																	
	CI4-BZ#49	MG/KG																	
	CI4-BZ#52	MG/KG																	
	CI4-BZ#66	MG/KG																	
	CI4-BZ#77	MG/KG																	
	CI5-BZ#101	MG/KG																	
	CI5-BZ#105	MG/KG																	
	CI5-BZ#118	MG/KG																	
	CI5-BZ#126	MG/KG																	
	CI5-BZ#128	MG/KG																	
	CI5-BZ#87	MG/KG																	
	CI6-BZ#138	MG/KG																	
	CI6-BZ#153	MG/KG																	
	CI6-BZ#170	MG/KG																	
	CI7-BZ#180	MG/KG																	
	CI7-BZ#183	MG/KG																	
CI7-BZ#184	MG/KG																		
CI7-BZ#187	MG/KG																		
CI8-BZ#195	MG/KG																		
CI9-BZ#206	MG/KG																		
SVOCs	3 & 4 Methylphenol	MG/KG	0.382 U		0.338 UJ		R							0.458 U	0.471 U			0.419 U	0.443
	Acenaphthene	MG/KG	0.412 J		0.852 J		0.2		0.265					0.458 UJ	0.0188 U			0.0419 U	0.00886
	Acenaphthylene	MG/KG	0.55 J		0.568 J		0.0312		0.0329					0.458 UJ	0.0198			0.0461	0.00886
	Anthracene	MG/KG	1.63		1.97		0.317		0.357					0.458 U	0.0188 U			0.067	0.00886
	Benzo(a)anthracene	MG/KG	5.51 J		2.91 J		1.09		1.14					0.458 U	0.066			0.283	0.0164
	Benzo(a)pyrene	MG/KG	5.47		3.31		0.908		1.07					0.458 U	0.0603			0.31	0.0159
	Benzo(b)fluoranthene	MG/KG	4.89		4.69		1.92		2.72					0.458 U	0.0669			0.354	0.0142
	Benzo(ghi)perylene	MG/KG	2.09		3.43		0.726 U		0.715 U					0.458 U	0.0358			0.232	0.0106
	Benzo(k)fluoranthene	MG/KG	1.98		2.84		0.871		1.11					0.458 U	0.0528			0.364	0.0137
	Bis(2-Ethylhexyl)phthalate	MG/KG	11.9 J		13.8 J		0.363 U		0.358 U					0.458 U	0.471 UJ			0.419 U	0.443
	Carbazole	MG/KG	3.82 U		3.38 U		0.363 U		0.358 U					0.458 U	0.471 U			0.419 U	0.443
	Chrysene	MG/KG	2.82		3.58		0.762		1					0.458 U	0.0518			0.256	0.0137
	Dibenz(a,h)anthracene	MG/KG	1.02 J		1.73 J		0.296		0.337					0.458 U	0.0236			0.044	0.00886
	Fluoranthene	MG/KG	5.61		7.71		1.85		3.04					0.848	0.0773			0.517	0.019
	Fluorene	MG/KG	0.611 J		1.27 J		0.223		0.283					0.458 U	0.0188 U			0.0419 U	0.00886
	Indeno(1,2,3-cd)pyrene	MG/KG	2.05 J		3.5 J		0.726 U		0.715 U					0.458 U	0.0377			0.23	0.00886
	Naphthalene	MG/KG	0.504 J		0.46 J		0.09		0.119					R	0.0188 UJ			0.0419 U	0.00886
	Phenanthrene	MG/KG	3.57		3.18		2.21		2.4					0.458 U	0.0405			0.367	0.00886
Pyrene	MG/KG	4.54		6.02		2.58		2.29					0.939	0.0867			0.48	0.027	
TOC	Total Organic Carbon	MG/KG	36,400		28,200		4,450 J		4,970 J					42,800	22,900 J			21,400	17,200
Solids	Percent Solids	PERCENT	65.7		74		68.9		69.9					54.6	53.2			59.7	56.6

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

				SD2014-TF-E3		SD2014-TF-E4		SD2014-TF-E5		SD2014-TF-E6		SD2014-TF-E6		SD2014-TF-E6	
				SD2014-TF-E3	SD14TFE300FS	SD14TFE301FS	SD14TFE400FS	SD14TFE401FS	SD14TFE500FS	SD14TFE501FS	SD14TFE600FS	SD14TFE601FS	SD14TFE602FS		
4-TF-E2	E201FS	3/14	5/1/14	5/1/14	5/1/14	5/1/14	5/1/14	5/1/14	5/1/14	5/1/14	5/1/14	5/1/14	5/1/14	4/2/15	4/2/15
- 2			0 - 0.5	1 - 2	0 - 0.5	1 - 2	0 - 0.5	1 - 2	0 - 0.5	1 - 2	0 - 0.5	1 - 2	1 - 2	2 - 3	2 - 3
			Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	U	0.0424 U	0.039 UJ	0.0415 U	0.0355 U	0.0397 U	0.0344 U	0.041 U	0.0561 U	0.025 U			
	Aroclor-1232	MG/KG	U	0.0424 U	0.039 UJ	0.0415 U	0.0355 U	0.0397 U	0.0344 U	0.041 U	0.0561 U	0.025 U			
	Aroclor-1242	MG/KG	U	0.0424 U	0.039 UJ	0.0415 U	0.0355 U	0.0397 U	0.0344 U	0.041 U	0.0561 U	0.025 U			
	Aroclor-1248	MG/KG	U	0.0424 U	0.039 UJ	0.0415 U	0.0355 U	0.0397 U	0.0344 U	0.041 U	0.0561 U	0.025 U			
	Aroclor-1254	MG/KG	U	0.0424 U	0.039 UJ	0.0415 U	0.0355 U	0.0397 U	0.0344 U	0.0591	0.0561 U	0.13			
	Aroclor-1260	MG/KG	U	0.0424 U	0.039 UJ	0.0415 U	0.0355 U	0.0397 U	0.0344 U	0.041 U	0.0561 U	0.43			
	Aroclor-1262	MG/KG	U	0.0424 U	0.039 UJ	0.0415 U	0.0355 U	0.0397 U	0.0344 U	0.18	0.0561 U	0.24			
	Aroclor-1268	MG/KG	U	0.0424 U	0.039 UJ	0.0415 U	0.0355 U	0.0397 U	0.0344 U	0.041 U	0.0561 U	0.16			
	Total Aroclors (CALC)	MG/KG	U	0.0424 U	0.039 UJ	0.0415 U	0.0355 U	0.0397 U	0.0344 U	0.239	0.0561 U	0.96			
PCB Homologs	Cl10-BZ#209	MG/KG	U	0.0424 U	0.039 U	0.0415 U	0.0355 U	0.0397 U	0.0344 U	0.041 U	0.0561 U				
	Decachlorobiphenyl (total)	MG/KG										0.017			
	Dichlorobiphenyl (total)	MG/KG	U	0.00848 U	0.0078 U	0.00831 U	0.0071 U	0.00794 U	0.00688 U	0.00819 U	0.0112 U	0.0024 U			
	Heptachlorobiphenyl (total)	MG/KG	U	0.0254 U	0.0234 U	0.0249 U	0.0213 U	0.0238 U	0.0206 U	0.0246 U	0.0337 U	0.13			
	Hexachlorobiphenyl (total)	MG/KG	U	0.017 U	0.0156 U	0.0166 U	0.0142 U	0.0159 U	0.0138 U	0.0164 U	0.0348	0.14			
	Monochlorobiphenyl (total)	MG/KG	U	0.00848 U	0.0078 U	0.00831 U	0.0071 U	0.00794 U	0.00688 U	0.00819 U	0.0112 U	0.00089 U			
	Nonachlorobiphenyl (total)	MG/KG	U	0.0424 U	0.039 U	0.0415 U	0.0355 U	0.0397 U	0.0344 U	0.041 U	0.0561 U	0.066			
	Octachlorobiphenyl (total)	MG/KG	U	0.0254 U	0.0234 U	0.0249 U	0.0213 U	0.0238 U	0.0206 U	0.0246 U	0.0337 U	0.12			
	Pentachlorobiphenyl (total)	MG/KG	U	0.017 U	0.0156 U	0.0166 U	0.0142 U	0.0159 U	0.0138 U	0.0164 U	0.0741	0.14			
	Tetrachlorobiphenyl (total)	MG/KG	U	0.017 U	0.0156 U	0.0166 U	0.0142 U	0.0159 U	0.0138 U	0.0164 U	0.0224 U	0.016			
	Trichlorobiphenyl (total)	MG/KG	U	0.00848 U	0.0078 U	0.00831 U	0.0071 U	0.00794 U	0.00688 U	0.00819 U	0.0112 U	0.0024 U			
Total Homolog (PCBs)	MG/KG	U	0.115	0.098 U	0.104 U	0.089 U	0.099 U	0.086 U	0.102 U	0.227	0.630				
Metals	Antimony	MG/KG	U	1.7 U	1.56 U	1.66 U	1.42 U	1.59 U	1.38 U	1.64 U	2.24 U				
	Arsenic*	MG/KG		5.91	3.77	5.45	3.91	2.17	2.51	6.85	10.4	12.2			
	Cadmium*	MG/KG	U	0.848 U	0.78 U	0.831 U	0.71 U	0.794 U	0.688 U	2.9	5.92	19.3			
	Chromium*	MG/KG		69	18	61	61	18	12	210	678	1,450			
	Copper*	MG/KG		171	10	278	247	79	101	741	1,770	2,030 U			
	Lead*	MG/KG		35.4	5.27	48.9	43.8	18.3	25.8	107	181	187			
	Manganese	MG/KG		302	226	254	187	128	123	391	359				
	Mercury*	MG/KG		0.056 U		0.0548 U		0.0524 U		0.0541 U		1.17			
	Nickel*	MG/KG		26.8	13.9	21.5	26.7	8.29	9.05	39.1	62.7	48.7			
	Selenium	MG/KG	U	1.81	1.56 U	1.66 U	1.42 U	1.59 U	1.38 U	1.78	2.24 U				
	Silver	MG/KG	U	1.7 U	1.56 U	1.66 U	1.42 U	1.59 U	1.38 U	2.58	9.87	2.84			
Zinc*	MG/KG	J	152	49.4	220	170	77.5	99.6	502	1020	1360				
Average ERM-Q (8 Metals)	NA		0.28	0.10	0.34	0.31	0.13	0.15	0.86	2.04	2.44				
Cyanide	Cyanide, Total	MG/KG	UJ	0.848 U	0.78 UJ	0.831 U	0.71 UJ	0.794 U	0.688 UJ	0.819 U	1.12 UJ				
PAHs	Acenaphthene	MG/KG										0.17			
	Acenaphthylene	MG/KG										0.29			
	Anthracene	MG/KG										0.75			
	Benzo(a)anthracene	MG/KG										2.7			
	Benzo(a)pyrene	MG/KG										2.3			
	Benzo(b)fluoranthene	MG/KG										2			
	Benzo(ghi)perylene	MG/KG										1.1			
	Benzo(k)fluoranthene	MG/KG										1.8			
	Chrysene	MG/KG										3.5			
	Dibenz(a,h)anthracene	MG/KG										0.25			
	Fluoranthene	MG/KG										6.8			
	Fluorene	MG/KG										0.4			
	Indeno(1,2,3-cd)pyrene	MG/KG										1.2			
	Naphthalene	MG/KG										0.26			
	Phenanthrene	MG/KG										2.7			
Pyrene	MG/KG										7.5				

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-E3		SD2014-TF-E4		SD2014-TF-E5		SD2014-TF-E6		SD2014-TF-E6		SD2014-TF-E6		
			SD2014-TF-E3 SD14TFE300FS 5/1/14 0 - 0.5	SD2014-TF-E3 SD14TFE301FS 5/1/14 1 - 2	SD2014-TF-E4 SD14TFE400FS 5/1/14 0 - 0.5	SD2014-TF-E4 SD14TFE401FS 5/1/14 1 - 2	SD2014-TF-E5 SD14TFE500FS 5/1/14 0 - 0.5	SD2014-TF-E5 SD14TFE501FS 5/1/14 1 - 2	SD2014-TF-E6 SD14TFE600FS 5/1/14 0 - 0.5	SD2014-TF-E6 SD14TFE601FS 5/1/14 1 - 2	SD2014-TF-E6 SD14TFE602FS 4/2/15 2 - 3				
Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	
PCB Congeners	CI10-BZ#209	MG/KG													0.011
	CI2-BZ#8	MG/KG													0.00099 J
	CI3-BZ#18	MG/KG													0.00099 U
	CI3-BZ#28	MG/KG													0.00099 U
	CI4-BZ#44	MG/KG													0.0016
	CI4-BZ#49	MG/KG													0.0012
	CI4-BZ#52	MG/KG													0.00081 J
	CI4-BZ#66	MG/KG													0.0011
	CI4-BZ#77	MG/KG													0.00099 U
	CI5-BZ#101	MG/KG													0.013
	CI5-BZ#105	MG/KG													0.0023
	CI5-BZ#118	MG/KG													0.0044
	CI5-BZ#126	MG/KG													0.00099 U
	CI5-BZ#128	MG/KG													0.0015
	CI5-BZ#87	MG/KG													0.002
	CI6-BZ#138	MG/KG													0.01
	CI6-BZ#153	MG/KG													0.017
	CI6-BZ#170	MG/KG													0.0058
	CI7-BZ#180	MG/KG													0.031
	CI7-BZ#183	MG/KG													0.0071
	CI7-BZ#184	MG/KG													0.00099 U
	CI7-BZ#187	MG/KG													0.027
	CI8-BZ#195	MG/KG													0.0047
	CI9-BZ#206	MG/KG													0.047
SVOCs	3 & 4 Methylphenol	MG/KG	U	0.423 U	0.389 U	0.415 U	0.355 U	0.397 U	0.344 U	0.41 U	0.561 U				
	Acenaphthene	MG/KG	U	R	0.00779 U	R	0.0142 U	R	0.0138 U	0.0963 J	0.0583				
	Acenaphthylene	MG/KG	U	R	0.00779 U	0.0602 J	0.0305	R	0.02	0.154 J	0.118				
	Anthracene	MG/KG	U	0.0423 U	0.00779 U	0.054	0.0256	0.0159 U	0.0138 U	0.0963	0.0617				
	Benzo(a)anthracene	MG/KG		0.0973	0.00779 U	0.21	0.114	0.031	0.0681	0.166	0.301				
	Benzo(a)pyrene	MG/KG		0.0951	0.00779 U	0.237	0.119	0.0278	0.0764	0.201	0.19				
	Benzo(b)fluoranthene	MG/KG		0.0994 J	0.00779 U	0.208 J	0.144	0.0238 J	0.0543	0.18	0.166				
	Benzo(ghi)perylene	MG/KG		0.0529	0.00779 U	0.133	0.081	0.0159 U	0.0427	0.137	0.121				
	Benzo(k)fluoranthene	MG/KG		0.112	0.00779 U	0.268	0.0774	0.0365	0.0502	0.164	0.149				
	Bis(2-Ethylhexyl)phthalate	MG/KG	U	0.423 U	0.389 UJ	0.415 U	0.355 UJ	0.397 U	0.344 UJ	0.41 U	0.561 U				
	Carbazole	MG/KG	U	0.423 U	0.389 U	0.415 U	0.355 U	0.397 U	0.344 U	0.41 U	0.561 U				
	Chrysene	MG/KG		0.0909	0.00779 U	0.195	0.0902	0.0246	0.0488	0.16	0.187				
	Dibenz(a,h)anthracene	MG/KG	U	0.0423 U	0.00779 U	0.0415 U	0.0341	0.0159 U	0.0206	0.0471	0.055				
	Fluoranthene	MG/KG		0.135	0.00779 U	0.283	0.131	0.0349	0.0599	0.266	0.348				
	Fluorene	MG/KG	U	0.0423 UJ	0.00934	0.0415 UJ	0.0142 U	0.0159 UJ	0.0138 U	0.111	0.0774				
	Indeno(1,2,3-cd)pyrene	MG/KG	U	0.0571	0.00779 U	0.135	0.081	0.0159	0.0413	0.117	0.12				
	Naphthalene	MG/KG	U	R	0.00779 UJ	R	0.0142 UJ	R	0.0138 UJ	0.0942 J	0.0673				
	Phenanthrene	MG/KG	U	0.0782	0.00779 U	0.174	0.0866	0.0167	0.0268	0.119	0.188				
	Pyrene	MG/KG		0.144	0.00779 U	0.353	0.148	0.0445	0.0695	0.309	0.374				
TOC	Total Organic Carbon	MG/KG	J	15,000	9,210 J	12,000	7,300 J	5,640	3,270 J	25,700	28,300 J				51,000
Solids	Percent Solids	PERCENT		59	64.1	60.2	70.4	63	72.7	61	44.6				

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-E6 SD14TFE603FSH 4/2/15 3 - 4	SD2014-TF-EF0 SD14TFEF000FS 4/16/14 0 - 0.5	SD2014-TF-EF0 SD14TFEF001FS 4/16/14 1 - 2	SD2014-TF-EF0 SD14TFEF003FS 4/3/15 3 - 4	SD2014-TF-EF0 SD14TFEF005FS 4/3/15 5 - 6	SD2014-TF-EF0 SD14TFEF007FS 4/3/15 7 - 8	SD2014-TF-F1 SD14TFF100FS 4/21/14 0 - 0.5	SD2014-TF-F1 SD14TFF101FS 4/21/14 1 - 2	SD2014-TF-F1 SD14TFF102FS 4/3/15 2 - 3	SD2014-TF-F2 SD14TFF200FS 4/28/14 0 - 0.5
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.025 U	0.0587 U	0.0368 U	0.026 U	0.025 U	0.025 U	0.0323 UJ	0.0431 UJ	0.025 U	0.044 U
	Aroclor-1232	MG/KG	0.025 U	0.0587 U	0.0368 U	0.026 U	0.025 U	0.025 U	0.0323 UJ	0.0431 UJ	0.025 U	0.044 U
	Aroclor-1242	MG/KG	0.025 U	0.0587 U	0.0368 U	0.026 U	0.025 U	0.025 U	0.0323 UJ	0.0431 UJ	0.025 U	0.044 U
	Aroclor-1248	MG/KG	0.025 U	0.191	0.0368 U	0.026 U	0.025 U	0.025 U	0.0856 J	0.0431 UJ	0.025 U	0.111
	Aroclor-1254	MG/KG	0.025 U	0.0587 U	0.0368 U	0.026 U	0.025 U	0.025 U	0.0323 UJ	0.0431 UJ	0.025 U	0.044 U
	Aroclor-1260	MG/KG	0.093	0.0713	0.0368 U	0.026 U	0.025 U	0.025 U	0.0376 J	0.0431 UJ	0.025 U	0.044 U
	Aroclor-1262	MG/KG	0.26	0.0587 U	0.0368 U	0.026 U	0.025 U	0.025 U	0.0323 UJ	0.0431 UJ	0.025 U	0.044 U
	Aroclor-1268	MG/KG	0.14	0.0587 U	0.0368 U	0.026 U	0.025 U	0.025 U	0.0323 UJ	0.0431 UJ	0.025 U	0.044 U
	Total Aroclors (CALC)	MG/KG		0.263	0.0368 U	0.026 U	0.025 U	0.025 U	0.123 J	0.0431 UJ	0.025 U	0.111
PCB Homologs	Cl10-BZ#209	MG/KG		0.0587 U	0.0368 U				0.0323 U	0.0431 U		0.044 U
	Decachlorobiphenyl (total)	MG/KG	0.017			0.0005 U	0.0005 U	0.0005 U			0.0005 U	
	Dichlorobiphenyl (total)	MG/KG	0.0024 U	0.0117 U	0.00736 U	0.0025 U	0.0024 U	0.0024 U	0.00646 U	0.00863 U	0.0024 U	0.00881 U
	Heptachlorobiphenyl (total)	MG/KG	0.14	0.0352 U	0.0221 U	0.0037 U	0.0036 U	0.0037 U	0.0207	0.0259 U	0.0036 U	0.0264 U
	Hexachlorobiphenyl (total)	MG/KG	0.068	0.0235 U	0.0147 U	0.0043 U	0.0042 U	0.0043 U	0.0129 U	0.0173 U	0.0042 U	0.0176 U
	Monochlorobiphenyl (total)	MG/KG	0.0009 U	0.0117 U	0.00736 U	0.0009 U	0.0009 U	0.0009 U	0.00646 U	0.00863 U	0.0009 U	0.00881 U
	Nonachlorobiphenyl (total)	MG/KG	0.078	0.0587 U	0.0368 U	0.0009 U	0.0009 U	0.0009 U	0.0323 U	0.0431 U	0.0009 U	0.044 U
	Octachlorobiphenyl (total)	MG/KG	0.16	0.0352 U	0.0221 U	0.0025 U	0.0024 U	0.0024 U	0.0194 U	0.0259 U	0.0024 U	0.0264 U
	Pentachlorobiphenyl (total)	MG/KG	0.052	0.0669	0.0147 U	0.0047 U	0.0046 U	0.0047 U	0.186	0.0173 U	0.0046 U	0.0176 U
	Tetrachlorobiphenyl (total)	MG/KG	0.0082	0.488	0.0147 U	0.0043 U	0.0042 U	0.0043 U	0.314	0.0173 U	0.0042 U	0.0564
	Trichlorobiphenyl (total)	MG/KG	0.0024 U	0.624	0.00736 U	0.0025 U	0.0024 U	0.0024 U	0.0807	0.00863 U	0.0024 U	0.00881 U
Total Homolog (PCBs)	MG/KG	0.530	1.296	0.092 U	0.031 U	0.030 U	0.030 U	0.656	0.108 U	0.030 U	0.158	
Metals	Antimony	MG/KG		2.35 U	1.47 U				1.29 U	1.73 U		1.76 U
	Arsenic*	MG/KG	13.8	6.41	3.07	5.66	5.73	7.01	4.51	6.55	5.1	7.47
	Cadmium*	MG/KG	23.9	1.39	5.04	0.5 U	0.5 U	0.56	3.04	3.65	0.5 U	2.61
	Chromium*	MG/KG	850 J	146	30	24	25	27	133	322	19	346
	Copper*	MG/KG	1,210	204	20	10	13	15	195	746	9	603
	Lead*	MG/KG	123	58.9	6.15	6.65	7.64	8.59	44.9	62.6	5.46	80.2
	Manganese	MG/KG		378	201				253	325		345
	Mercury*	MG/KG	0.65	0.0774 U		0.05 U	0.05 U	0.05 U	0.0426 U		0.05 U	0.0581 U
	Nickel*	MG/KG	36.6	104	14.9	17.1	18.6	20.3	40.7	34.4	14	64.4
	Selenium	MG/KG		2.35 U	1.47 U				1.29	1.73 U		1.77
	Silver	MG/KG	1.65	4.6	1.47 U	0.5 U	0.5 U	0.5 U	5.44	1.75	0.5 U	6.9
	Zinc*	MG/KG	765	238	51.7	58.5	67.5	70.1	168	394	48.7	371
Average ERM-Q (8 Metals)	NA	1.63	0.69	0.17	0.11	0.12	0.13	0.54	0.81	0.09	0.99	
Cyanide	Cyanide, Total	MG/KG		1.17 U	0.736 UJ				0.646 U	0.863 UJ		0.881 U
PAHs	Acenaphthene	MG/KG	0.16									
	Acenaphthylene	MG/KG	0.29									
	Anthracene	MG/KG	0.83									
	Benzo(a)anthracene	MG/KG	2.4									
	Benzo(a)pyrene	MG/KG	1.6									
	Benzo(b)fluoranthene	MG/KG	1.4									
	Benzo(ghi)perylene	MG/KG	0.71									
	Benzo(k)fluoranthene	MG/KG	1.2									
	Chrysene	MG/KG	3									
	Dibenz(a,h)anthracene	MG/KG	0.16									
	Fluoranthene	MG/KG	3.8									
	Fluorene	MG/KG	0.61									
	Indeno(1,2,3-cd)pyrene	MG/KG	0.71									
	Naphthalene	MG/KG	0.26 J									
	Phenanthrene	MG/KG	3.8									
Pyrene	MG/KG	5.2										

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-E6 SD14TFE603FSH 4/2/15 3 - 4	SD2014-TF-EF0 SD14TFEF000FS 4/16/14 0 - 0.5	SD2014-TF-EF0 SD14TFEF001FS 4/16/14 1 - 2	SD2014-TF-EF0 SD14TFEF003FS 4/3/15 3 - 4	SD2014-TF-EF0 SD14TFEF005FS 4/3/15 5 - 6	SD2014-TF-EF0 SD14TFEF007FS 4/3/15 7 - 8	SD2014-TF-F1 SD14TFF100FS 4/21/14 0 - 0.5	SD2014-TF-F1 SD14TFF101FS 4/21/14 1 - 2	SD2014-TF-F1 SD14TFF102FS 4/3/15 2 - 3	SD2014-TF-F2 SD14TFF200FS 4/28/14 0 - 0.5	
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	
PCB Congeners	CI10-BZ#209	MG/KG	0.027										
	CI2-BZ#8	MG/KG	0.0002 U										
	CI3-BZ#18	MG/KG	0.0002 U										
	CI3-BZ#28	MG/KG	0.0002 U										
	CI4-BZ#44	MG/KG	0.002										
	CI4-BZ#49	MG/KG	0.0029										
	CI4-BZ#52	MG/KG	0.0002 U										
	CI4-BZ#66	MG/KG	0.0002 U										
	CI4-BZ#77	MG/KG	0.0002 U										
	CI5-BZ#101	MG/KG	0.025										
	CI5-BZ#105	MG/KG	0.0002 U										
	CI5-BZ#118	MG/KG	0.0079										
	CI5-BZ#126	MG/KG	0.002 U										
	CI5-BZ#128	MG/KG	0.0088 U										
	CI5-BZ#87	MG/KG	0.005										
	CI6-BZ#138	MG/KG	0.026 U										
	CI6-BZ#153	MG/KG	0.034										
	CI6-BZ#170	MG/KG	0.011 U										
	CI7-BZ#180	MG/KG	0.066										
	CI7-BZ#183	MG/KG	0.02 U										
CI7-BZ#184	MG/KG	0.012											
CI7-BZ#187	MG/KG	0.066											
CI8-BZ#195	MG/KG	0.012 U											
CI9-BZ#206	MG/KG	0.11											
SVOCs	3 & 4 Methylphenol	MG/KG		0.587 U		0.368 U				R	0.43 U		0.44 U
	Acenaphthene	MG/KG		0.235 UJ		0.0147 U				0.0646 U	0.043 U		0.0176 U
	Acenaphthylene	MG/KG		0.235 UJ		0.0147 U				0.0646 U	0.056		0.0326
	Anthracene	MG/KG		0.446		0.0147 U				0.0646 U	0.043 U		0.0326
	Benzo(a)anthracene	MG/KG		1.2		0.0272				0.0969	0.138		0.144
	Benzo(a)pyrene	MG/KG		0.974		0.0265				0.136	0.148		0.162
	Benzo(b)fluoranthene	MG/KG		0.657		0.0346				0.103 J	0.226		0.0766
	Benzo(ghi)perylene	MG/KG		0.305		0.0214				0.0646 U	0.043		0.107
	Benzo(k)fluoranthene	MG/KG		1.23		0.025				0.126	0.121		0.167
	Bis(2-Ethylhexyl)phthalate	MG/KG		0.587 U		0.368 U				R	0.43 U		0.44 U
	Carbazole	MG/KG		0.587 U		0.368 U				R	0.43 U		0.44 U
	Chrysene	MG/KG		1.21		0.0228				0.116	0.121		0.136
	Dibenz(a,h)anthracene	MG/KG		0.235 U		0.0147 U				0.0646 U	0.043 U		0.022
	Fluoranthene	MG/KG		2.49		0.0596				0.181	0.181		0.262
	Fluorene	MG/KG		0.235 U		0.0147 U				0.0646 U	0.043 U		0.0176
	Indeno(1,2,3-cd)pyrene	MG/KG		0.317		0.0199				0.0646 U	0.0495		0.109
	Naphthalene	MG/KG		0.235 UJ		0.0302				0.0646 U	0.043 U		0.0176 U
	Phenanthrene	MG/KG		1.14		0.0412				0.071	0.071		0.174
Pyrene	MG/KG		2.49		0.0515				0.21	0.2		0.27	
TOC	Total Organic Carbon	MG/KG	4,400	28,900	3,580 J				23,100	18,200 J		23,300	
Solids	Percent Solids	PERCENT		42.6	67.9				77.4	57.9		56.8	

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-F2 SD14TFF201FS 4/28/14 1 - 2	SD2014-TF-F3 SD14TFF300FS 4/25/14 0 - 0.5	SD2014-TF-F3 SD14TFF301FS 4/29/14 1 - 2	SD2014-TF-F4 SD14TFF400FS 5/1/14 0 - 0.5	SD2014-TF-F4 SD14TFF401FS 5/1/14 1 - 2	SD2014-TF-F5 SD14TFF500FS 5/1/14 0 - 0.5	SD2014-TF-F5 SD14TFF501FS 4/30/14 1 - 2	SD2014-TF-F6 SD14TFF600FS 5/1/14 0 - 0.5	SD2014-TF-F6 SD14TFF601FS 5/1/14 1 - 2	SD2014-TF-G1 SD14TFG100FS 4/21/14 0 - 0.5
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.0433 U	0.0375 U	0.0386 U	0.0462 U	0.0353 U	0.0396 U	0.0361 U	0.0352 U	0.0434 U	0.0345 U
	Aroclor-1232	MG/KG	0.0433 U	0.0375 U	0.0386 U	0.0462 U	0.0353 U	0.0396 U	0.0361 U	0.0352 U	0.0434 U	0.0345 U
	Aroclor-1242	MG/KG	0.0433 U	0.0375 U	0.0386 U	0.0462 U	0.0353 U	0.0396 U	0.0361 U	0.0352 U	0.0434 U	0.0345 U
	Aroclor-1248	MG/KG	0.0433 U	0.0375 U	0.0386 U	0.0462 U	0.0353 U	0.0396 U	0.0361 U	0.0352 U	0.0434 U	0.189
	Aroclor-1254	MG/KG	0.0433 U	0.0375 U	0.0386 U	0.0462 U	0.0353 U	0.0396 U	0.0361 U	0.0352 U	0.0434 U	0.0345 U
	Aroclor-1260	MG/KG	0.0433 U	0.0375 U	0.0386 U	0.0462 U	0.0353 U	0.0396 U	0.0361 U	0.0352 U	0.0434 U	0.0788
	Aroclor-1262	MG/KG	0.0433 U	0.0375 U	0.0386 U	0.0462 U	0.0353 U	0.0396 U	0.0361 U	0.0352 U	0.0434 U	0.0345 U
	Aroclor-1268	MG/KG	0.0433 U	0.0375 U	0.0386 U	0.0462 U	0.0353 U	0.0396 U	0.0361 U	0.0352 U	0.0434 U	0.0345 U
	Total Aroclors (CALC)	MG/KG	0.0433 U	0.0375 U	0.0386 U	0.0462 U	0.0353 U	0.0396 U	0.0361 U	0.0352 U	0.0434 U	0.267
PCB Homologs	Cl10-BZ#209	MG/KG	0.0433 U	0.0375 U	0.0386 U	0.0462 U	0.0353 U	0.0396 U	0.0361 U	0.0352 U	0.0434 U	0.0345 U
	Decachlorobiphenyl (total)	MG/KG	0.00865 U	0.00749 U	0.00772 U	0.00924 U	0.00707 U	0.00793 U	0.00723 U	0.00705 U	0.00867 U	0.0069 U
	Dichlorobiphenyl (total)	MG/KG	0.026 U	0.0225 U	0.0232 U	0.0277 U	0.0212 U	0.0238 U	0.0217 U	0.0211 U	0.026 U	0.0442
	Heptachlorobiphenyl (total)	MG/KG	0.0173 U	0.015 U	0.0154 U	0.0185 U	0.0141 U	0.0159 U	0.0145 U	0.0141 U	0.0173 U	0.0518
	Hexachlorobiphenyl (total)	MG/KG	0.00865 U	0.00749 U	0.00772 U	0.00924 U	0.00707 U	0.00793 U	0.00723 U	0.00705 U	0.00867 U	0.0069 U
	Monochlorobiphenyl (total)	MG/KG	0.0433 U	0.0375 U	0.0386 U	0.0462 U	0.0353 U	0.0396 U	0.0361 U	0.0352 U	0.0434 U	0.0345 U
	Nonachlorobiphenyl (total)	MG/KG	0.026 U	0.0225 U	0.0232 U	0.0277 U	0.0212 U	0.0238 U	0.0217 U	0.0211 U	0.026 U	0.0207 U
	Octachlorobiphenyl (total)	MG/KG	0.0173 U	0.015 U	0.0154 U	0.0185 U	0.0141 U	0.0159 U	0.0145 U	0.0141 U	0.0173 U	0.0876
	Pentachlorobiphenyl (total)	MG/KG	0.0173 U	0.0262	0.0154 U	0.0185 U	0.0141 U	0.0159 U	0.0145 U	0.0141 U	0.0173 U	0.531
	Tetrachlorobiphenyl (total)	MG/KG	0.00865 U	0.0434	0.00772 U	0.00924 U	0.00707 U	0.00793 U	0.00723 U	0.00705 U	0.00867 U	0.0069 U
	Trichlorobiphenyl (total)	MG/KG	0.108 U	0.152	0.096 U	0.116 U	0.088 U	0.099 U	0.090 U	0.088 U	0.108 U	0.770
Metals	Antimony	MG/KG	1.73 U	1.5 U	1.54 U	1.85 U	1.41 U	1.59 U	1.76 J	1.41 U	1.73 U	1.38 U
	Arsenic*	MG/KG	5.56	5.15	3.28	3.92	2.4	2.96	2.5	3.94	3.35	6.72
	Cadmium*	MG/KG	0.865 U	0.927	0.772 U	0.924 U	0.707 U	0.793 U	0.723 U	0.705 U	0.867 U	5.83
	Chromium*	MG/KG	51	94	17	43	11	19	16	76	74	298
	Copper*	MG/KG	215	284	10	129	7	48	21	207	223	538
	Lead*	MG/KG	24.1	42.5	5.18	27.6	3.19	11.9	5.68	43	40	88.7
	Manganese	MG/KG	256	239	198	230	141	171	170	254	256	309
	Mercury*	MG/KG		0.0494 U		0.061 U		0.0523 U		0.0465 U		0.0455 U
	Nickel*	MG/KG	18.8	29.8	12.6	15.3	9	11.8	11.8	24.5	21.5	78.8
	Selenium	MG/KG	1.73 U	1.5 U	1.54 U	1.85 U	1.41 U	1.59 U	1.45 U	1.41 U	1.73 U	1.38 U
	Silver	MG/KG	1.73 U	1.93	1.54 U	1.85 U	1.41 U	1.59 U	1.45 U	1.41 U	1.73 U	12.1
	Zinc*	MG/KG	157 J	197	42.8 J	115	31.4	81	52.8	171	166	334
Average ERM-Q (8 Metals)	NA	0.27	0.41	0.09	0.21	0.07	0.13	0.10	0.29	0.29	1.19	
Cyanide	Cyanide, Total	MG/KG	0.865 UJ	0.749 U	0.772 UJ	0.924 U	0.707 UJ	0.793 U	0.723 UJ	0.705 U	0.867 UJ	0.69 U
PAHs	Acenaphthene	MG/KG										
	Acenaphthylene	MG/KG										
	Anthracene	MG/KG										
	Benzo(a)anthracene	MG/KG										
	Benzo(a)pyrene	MG/KG										
	Benzo(b)fluoranthene	MG/KG										
	Benzo(ghi)perylene	MG/KG										
	Benzo(k)fluoranthene	MG/KG										
	Chrysene	MG/KG										
	Dibenz(a,h)anthracene	MG/KG										
	Fluoranthene	MG/KG										
	Fluorene	MG/KG										
	Indeno(1,2,3-cd)pyrene	MG/KG										
	Naphthalene	MG/KG										
	Phenanthrene	MG/KG										
Pyrene	MG/KG											

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-F2 SD14TFF201FS 4/28/14 1 - 2	SD2014-TF-F3 SD14TFF300FS 4/25/14 0 - 0.5	SD2014-TF-F3 SD14TFF301FS 4/29/14 1 - 2	SD2014-TF-F4 SD14TFF400FS 5/1/14 0 - 0.5	SD2014-TF-F4 SD14TFF401FS 5/1/14 1 - 2	SD2014-TF-F5 SD14TFF500FS 5/1/14 0 - 0.5	SD2014-TF-F5 SD14TFF501FS 4/30/14 1 - 2	SD2014-TF-F6 SD14TFF600FS 5/1/14 0 - 0.5	SD2014-TF-F6 SD14TFF601FS 5/1/14 1 - 2	SD2014-TF-G1 SD14TFG100FS 4/21/14 0 - 0.5									
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual							
PCB Congeners	CI10-BZ#209	MG/KG																			
	CI2-BZ#8	MG/KG																			
	CI3-BZ#18	MG/KG																			
	CI3-BZ#28	MG/KG																			
	CI4-BZ#44	MG/KG																			
	CI4-BZ#49	MG/KG																			
	CI4-BZ#52	MG/KG																			
	CI4-BZ#66	MG/KG																			
	CI4-BZ#77	MG/KG																			
	CI5-BZ#101	MG/KG																			
	CI5-BZ#105	MG/KG																			
	CI5-BZ#118	MG/KG																			
	CI5-BZ#126	MG/KG																			
	CI5-BZ#128	MG/KG																			
	CI5-BZ#87	MG/KG																			
	CI6-BZ#138	MG/KG																			
	CI6-BZ#153	MG/KG																			
	CI6-BZ#170	MG/KG																			
	CI7-BZ#180	MG/KG																			
	CI7-BZ#183	MG/KG																			
CI7-BZ#184	MG/KG																				
CI7-BZ#187	MG/KG																				
CI8-BZ#195	MG/KG																				
CI9-BZ#206	MG/KG																				
SVOCs	3 & 4 Methylphenol	MG/KG	0.433 U		0.375 U		0.386 U		R		0.353 U		0.396 UJ		0.361 U		0.352 U		0.434 U		0.345 U
	Acenaphthene	MG/KG	0.00865 U		0.0375 U		0.00772 U		R		0.00707 U		R		0.0145 U		0.0511 J		0.0173 U		0.069 U
	Acenaphthylene	MG/KG	0.00865 U		0.0562		0.00772 U		R		0.00707 U		R		0.0145 U		0.0687 J		0.0234		0.069 U
	Anthracene	MG/KG	0.00865 U		0.0674		0.00772 U		0.00924 U		0.00707 U		0.0159 U		0.0145 U		0.044		0.0416		0.069 U
	Benzo(a)anthracene	MG/KG	0.0156		0.36		0.00772 U		0.0148		0.0166		0.0159 U		0.0145 U		0.113		0.128		0.141
	Benzo(a)pyrene	MG/KG	0.0143		0.339		0.00772 U		0.0157		0.0152		0.0159 U		0.0145 U		0.132		0.114		0.162
	Benzo(b)fluoranthene	MG/KG	0.0164		0.232		0.00772 U		0.0143 J		0.0237		0.0159 UJ		0.0145 U		0.0881		0.163		0.148 J
	Benzo(ghi)perylene	MG/KG	0.00952		0.189		0.00772 U		0.00924 U		0.00954		0.0159 U		0.0145 U		0.0899		0.065		0.0725
	Benzo(k)fluoranthene	MG/KG	0.0117		0.285		0.00772 U		0.0162		0.0138		0.0159 U		0.0145 U		0.102		0.0885		0.159
	Bis(2-Ethylhexyl)phthalate	MG/KG	0.433 U		0.375 U		0.386 U		R		0.353 UJ		0.396 UJ		0.361 U		0.352 U		0.434 U		0.345 U
	Carbazole	MG/KG	0.433 U		0.375 U		0.386 U		R		0.353 U		0.396 UJ		0.361 U		0.352 U		0.434 U		0.345 U
	Chrysene	MG/KG	0.0125		0.328		0.00772 U		0.0134		0.012		0.0159 U		0.0145 U		0.123		0.0919		0.159
	Dibenz(a,h)anthracene	MG/KG	0.00865 U		0.0431		0.00772 U		0.00924 U		0.00707 U		0.0159 U		0.0145 U		0.0388		0.0347		0.069 U
	Fluoranthene	MG/KG	0.0186		0.637		0.00772 U		0.0249		0.0237		0.0238		0.0145 U		0.201		0.227		0.183
	Fluorene	MG/KG	0.00865 U		0.0375 U		0.00772 U		0.00924 UJ		0.00707 U		0.0159 UJ		0.0145 U		0.0476		0.0199		0.069 U
	Indeno(1,2,3-cd)pyrene	MG/KG	0.00865 U		0.204		0.00772 U		0.00924		0.00954		0.0159 U		0.0145 U		0.0793		0.0702		0.069 U
	Naphthalene	MG/KG	0.00865 U		0.0375 U		0.00772 U		R		0.00707 UJ		R		0.0145 U		0.044 J		0.0173 U		0.069 U
Phenanthrene	MG/KG	0.00865		0.348		0.00772 U		0.0162		0.0113		0.0159 U		0.0145 U		0.0899		0.163		0.0759	
Pyrene	MG/KG	0.0242		0.584		0.00772 U		0.0268		0.0237		0.023		0.0145 U		0.192		0.199		0.245	
TOC	Total Organic Carbon	MG/KG	12,700 J		14,000		8,900 J		8,380		4,540 J		7,350		5,090 J		11,500 E		8,450 J		29,500
Solids	Percent Solids	PERCENT	57.8		66.7		64.7		54.1		70.7		63.1		69.2		70.9		57.7		72.5

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-G1 SD14TFG101FS 4/21/14 1 - 2	SD2014-TF-G1 SD14TFG102FS 4/3/15 2 - 3	SD2014-TF-G2 SD14TFG200FS 4/21/14 0 - 0.5	SD2014-TF-G2 SD14TFG201FS 4/21/14 1 - 2	SD2014-TF-G3 SD14TFG300FS 4/21/14 0 - 0.5	SD2014-TF-G3 SD14TFG301FS 4/21/14 1 - 2	SD2014-TF-G4 SD14TFG400FS 4/28/14 0 - 0.5	SD2014-TF-G4 SD14TFG401FS 4/28/14 1 - 2	SD2014-TF-G5 SD14TFG500FS 5/1/14 0 - 0.5	SD2014-TF-G5 SD14TFG501FS 5/1/14 1 - 2
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.0368 UJ	0.026 U	0.0361 U	R	0.0321 U	0.0404 UJ	0.0328 U	0.0375 U	0.042 UJ	0.06 U
	Aroclor-1232	MG/KG	0.0368 UJ	0.026 U	0.0361 U	R	0.0321 U	0.0404 UJ	0.0328 U	0.0375 U	0.042 UJ	0.06 U
	Aroclor-1242	MG/KG	0.0368 UJ	0.026 U	0.0361 U	R	0.0321 U	0.0404 UJ	0.0328 U	0.0375 U	0.042 UJ	0.06 U
	Aroclor-1248	MG/KG	0.0368 UJ	0.026 U	0.12	R	0.725	0.0404 UJ	0.0328 U	0.0375 U	0.042 UJ	0.06 U
	Aroclor-1254	MG/KG	0.0368 UJ	0.026 U	0.0361 U	R	0.0321 U	0.0404 UJ	0.0328 U	0.0375 U	0.042 UJ	0.06 U
	Aroclor-1260	MG/KG	0.0368 UJ	0.026 U	0.0473	R	0.066	0.0404 UJ	0.0328 U	0.0375 U	0.11 J	0.06 U
	Aroclor-1262	MG/KG	0.0368 UJ	0.026 U	0.0361 U	R	0.0321 U	0.0404 UJ	0.0328 U	0.0375 U	0.042 UJ	0.06 U
	Aroclor-1268	MG/KG	0.0368 UJ	0.026 U	0.0361 U	R	0.0321 U	0.0404 UJ	0.0328 U	0.0375 U	0.042 UJ	0.06 U
	Total Aroclors (CALC)	MG/KG	0.0368 UJ	0.026 U	0.167	R	0.791	0.0404 UJ	0.0328 U	0.0375 U	0.11 J	0.06 U
PCB Homologs	Cl10-BZ#209	MG/KG	0.0368 U		0.0361 U	0.0438 U	0.0321 U	0.0404 U	0.0328 U	0.0375 U	0.042 U	0.06 U
	Decachlorobiphenyl (total)	MG/KG		0.0005 U								
	Dichlorobiphenyl (total)	MG/KG	0.00737 U	0.0025 U	0.00723 U	0.00876 U	0.00771	0.00808 U	0.00656 U	0.0075 U	0.00841 U	0.012 U
	Heptachlorobiphenyl (total)	MG/KG	0.0221 U	0.0037 U	0.0217 U	0.0263 U	0.0584	0.0242 U	0.0197 U	0.0225 U	0.0252 U	0.036 U
	Hexachlorobiphenyl (total)	MG/KG	0.0147 U	0.0043 U	0.0145 U	0.0175 U	0.159	0.0162 U	0.0131 U	0.015 U	0.0168 U	0.0516
	Monochlorobiphenyl (total)	MG/KG	0.00737 U	0.0009 U	0.00723 U	0.00876 U	0.00642 U	0.00808 U	0.00656 U	0.0075 U	0.00841 U	0.012 U
	Nonachlorobiphenyl (total)	MG/KG	0.0368 U	0.0009 U	0.0361 U	0.0438 U	0.0321 U	0.0404 U	0.0328 U	0.0375 U	0.042 U	0.06 U
	Octachlorobiphenyl (total)	MG/KG	0.0221 U	0.0025 U	0.0217 U	0.0263 U	0.0462	0.0242 U	0.0197 UJ	0.0225 U	0.0252 U	0.036 U
	Pentachlorobiphenyl (total)	MG/KG	0.0147 U	0.0047 U	0.0145 U	0.0175 U	0.498	0.0162 U	0.0131 UJ	0.015 U	0.0185	0.024 U
	Tetrachlorobiphenyl (total)	MG/KG	0.0147 U	0.0043 U	0.0145 U	0.0175 U	1.34	0.0162 U	0.0131 U	0.015 U	0.0168 U	0.25
	Trichlorobiphenyl (total)	MG/KG	0.00737 U	0.0025 U	0.013	0.00876 U	0.988	0.00808 U	0.00656 U	0.0075 U	0.00841 U	0.012 U
Total Homolog (PCBs)	MG/KG	0.092 U	0.031 U	0.100	0.109 U	3.133	0.101 U	0.082 UJ	0.094 U	0.115	0.428	
Metals	Antimony	MG/KG	1.47 U		1.45 U	1.75 U	1.28 U	1.62 U	1.65 J	1.5 U	1.68 U	2.4 U
	Arsenic*	MG/KG	7.53	6.17	6.22	3.95	4.63	3.38	2.88	2.36	7.72	8.09
	Cadmium*	MG/KG	4.99	0.5 U	6.07	0.876 U	2.13	0.808 U	0.656 U	0.75 U	8	13.6
	Chromium*	MG/KG	251	31 J	341	23	245	21	34	13	478	372
	Copper*	MG/KG	412	39	641	14	495	15	99	16	980	969
	Lead*	MG/KG	45.2	9.42	88.6	7.25	57	5.98	21.8	4.12	115	139
	Manganese	MG/KG	256		284	282	237	220	164	143	292	412
	Mercury*	MG/KG		0.06	0.0477 U		0.0424 U		0.0433 U		0.0555 U	
	Nickel*	MG/KG	28.6	16.9	144	16.7	64.4	14.6	15.1	8.64	53.2	52.3
	Selenium	MG/KG	1.47 U		1.5	1.75 U	1.28 U	1.62 U	1.47	1.5 U	1.87	2.4 U
	Silver	MG/KG	1.47 U	0.5 U	16.1	1.75 U	5.28	1.62 U	1.31 U	1.5 U	19.9	29.8
Zinc*	MG/KG	334	66.2	351	57.4	272	53	79.8	34.9 J	509	465	
Average ERM-Q (8 Metals)	NA	0.58	0.13	1.55	0.12	0.80	0.11	0.16	0.08	1.76	2.12	
Cyanide	Cyanide, Total	MG/KG	0.737 UJ		0.723 U	0.876 UJ	0.642 U	0.808 UJ	0.656 U	0.75 UJ	0.841 U	1.2 UJ
PAHs	Acenaphthene	MG/KG		0.01 U								
	Acenaphthylene	MG/KG		0.01 U								
	Anthracene	MG/KG		0.01 U								
	Benzo(a)anthracene	MG/KG		0.01 U								
	Benzo(a)pyrene	MG/KG		0.01 U								
	Benzo(b)fluoranthene	MG/KG		0.01 U								
	Benzo(ghi)perylene	MG/KG		0.01 U								
	Benzo(k)fluoranthene	MG/KG		0.01 U								
	Chrysene	MG/KG		0.01 U								
	Dibenz(a,h)anthracene	MG/KG		0.01 U								
	Fluoranthene	MG/KG		0.012								
	Fluorene	MG/KG		0.01 U								
	Indeno(1,2,3-cd)pyrene	MG/KG		0.01 U								
	Naphthalene	MG/KG		0.01 U								
	Phenanthrene	MG/KG		0.01 U								
Pyrene	MG/KG		0.014									

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-G1 SD14TFG101FS 4/21/14 1 - 2		SD2014-TF-G1 SD14TFG102FS 4/3/15 2 - 3		SD2014-TF-G2 SD14TFG200FS 4/21/14 0 - 0.5		SD2014-TF-G2 SD14TFG201FS 4/21/14 1 - 2		SD2014-TF-G3 SD14TFG300FS 4/21/14 0 - 0.5		SD2014-TF-G3 SD14TFG301FS 4/21/14 1 - 2		SD2014-TF-G4 SD14TFG400FS 4/28/14 0 - 0.5		SD2014-TF-G4 SD14TFG401FS 4/28/14 1 - 2		SD2014-TF-G5 SD14TFG500FS 5/1/14 0 - 0.5		SD2014-TF-G5 SD14TFG501FS 5/1/14 1 - 2		
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result
PCB Congeners	CI10-BZ#209	MG/KG			0.0001																		
	CI2-BZ#8	MG/KG			0.0001 U																		
	CI3-BZ#18	MG/KG			0.0001 U																		
	CI3-BZ#28	MG/KG			0.0001 U																		
	CI4-BZ#44	MG/KG			0.0001 U																		
	CI4-BZ#49	MG/KG			0.0001 U																		
	CI4-BZ#52	MG/KG			0.00014																		
	CI4-BZ#66	MG/KG			0.0001 U																		
	CI4-BZ#77	MG/KG			0.0001 U																		
	CI5-BZ#101	MG/KG			0.00015																		
	CI5-BZ#105	MG/KG			0.0001 U																		
	CI5-BZ#118	MG/KG			0.0001 U																		
	CI5-BZ#126	MG/KG			0.0001 U																		
	CI5-BZ#128	MG/KG			0.0001 U																		
	CI5-BZ#87	MG/KG			0.0001 U																		
	CI6-BZ#138	MG/KG			0.00013																		
	CI6-BZ#153	MG/KG			0.00011																		
	CI6-BZ#170	MG/KG			0.0001 U																		
	CI7-BZ#180	MG/KG			0.00009 J																		
	CI7-BZ#183	MG/KG			0.0001 U																		
	CI7-BZ#184	MG/KG			0.0001 U																		
	CI7-BZ#187	MG/KG			0.00017																		
	CI8-BZ#195	MG/KG			0.0001 U																		
	CI9-BZ#206	MG/KG			0.00014																		
SVOCs	3 & 4 Methylphenol	MG/KG	0.368 U				0.361 U	0.438 U	0.321 U	0.404 U	0.328 U	0.375 U	0.42 U	0.6 U									
	Acenaphthene	MG/KG	0.0368 U			0.0723 U	0.00876 U	0.0642 U	0.00808 U	0.0328 UJ	0.0075 U	0.042 UJ	0.0997										
	Acenaphthylene	MG/KG	0.0387			0.0867	0.00876 U	0.0674	0.00808 U	0.0328 UJ	0.0075 U	0.0652 J	0.0324										
	Anthracene	MG/KG	0.0368 U			0.163	0.00876 U	0.222	0.00808 U	0.102	0.0075 U	0.122	0.162										
	Benzo(a)anthracene	MG/KG	0.153			0.394	0.00876 U	0.382	0.00808 U	0.27	0.0075 U	0.349	0.871										
	Benzo(a)pyrene	MG/KG	0.118			0.412	0.00876 U	0.446	0.00808 U	0.303	0.0075 U	0.393	0.426										
	Benzo(b)fluoranthene	MG/KG	0.188			0.398 J	0.00876 U	0.401 J	0.00808 U	0.193	0.0075 U	0.17	0.871										
	Benzo(ghi)perylene	MG/KG	0.0424			0.275	0.00876 U	0.267	0.00808 U	0.208	0.0075 U	0.252	0.263										
	Benzo(k)fluoranthene	MG/KG	0.103			0.408	0.00876 U	0.472	0.00808 U	0.275	0.0075 U	0.366	0.425										
	Bis(2-Ethylhexyl)phthalate	MG/KG	0.368 U			0.361 U	0.438 U	0.68 J	0.404 U	0.328 U	0.375 U	0.42 U	0.625										
	Carbazole	MG/KG	0.368 U			0.361 U	0.438 U	0.321 U	0.404 U	0.328 U	0.375 U	0.42 U	0.6 U										
	Chrysene	MG/KG	0.109			0.369	0.00876 U	0.398	0.00808 U	0.284	0.0075 U	0.372	0.394										
	Dibenz(a,h)anthracene	MG/KG	0.0368 U			0.112	0.00876 U	0.122	0.00808 U	0.0885	0.0075 U	0.107	0.15										
	Fluoranthene	MG/KG	0.21			0.491	0.00876 U	0.777	0.00808 U	0.552	0.0075 U	0.669	1.29										
	Fluorene	MG/KG	0.0368 U			0.0723 U	0.0114	0.0835	0.0105	0.0344	0.0075 U	0.0631	0.167										
	Indeno(1,2,3-cd)pyrene	MG/KG	0.0424			0.21	0.00876 U	0.238	0.00808 U	0.187	0.0075 U	0.225	0.295										
	Naphthalene	MG/KG	0.0368 U			0.0723 U	0.00876 U	0.0642 U	0.00808 U	R	0.0075 U	R	0.213										
	Phenanthrene	MG/KG	0.0939			0.206	0.00876 U	0.421	0.00808 U	0.274	0.0075 U	0.229	1.17										
	Pyrene	MG/KG	0.228			0.701	0.00876 U	0.745	0.00808 U	0.466	0.0075 U	0.608	1.23										
TOC	Total Organic Carbon	MG/KG	16,700 J		18,000	25,100	15,800 J	22,400	11,400 J	10,000	5,430 J	40,000 E	27,500 J										
Solids	Percent Solids	PERCENT	67.9			69.2	57.1	77.8	61.9	76.3	66.7	59.5	41.6										

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-G5 SD14TFG502FS 4/2/15 2 - 3	SD2014-TF-G5 SD14TFG503FSH 4/2/15 3 - 4	SD2014-TF-GH1 SD14TFGH100FS 4/16/14 0 - 0.5	SD2014-TF-GH1 SD14TFGH101FS 4/16/14 1 - 2	SD2014-TF-GH1 SD14TFGH103FS 4/6/15 3 - 4	SD2014-TF-H2 SD14TFH200FS 4/16/14 0 - 0.5	SD2014-TF-H2 SD14TFH201FS 4/16/14 1 - 2	SD2014-TF-H2 SD14TFH203FS 4/2/15 3 - 4	SD2014-TF-H3 SD14TFH300FS 5/1/14 0 - 0.5	SD2014-TF-H3 SD14TFH301FS 5/1/14 1 - 2
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.25 U	0.025 U	0.0328 U	0.0342 U	0.025 U	0.0437 U	0.0416 U	0.025 U	0.0427 U	0.0399 U
	Aroclor-1232	MG/KG	0.25 U	0.025 U	0.0328 U	0.0342 U	0.025 U	0.0437 U	0.0416 U	0.025 U	0.0427 U	0.0399 U
	Aroclor-1242	MG/KG	0.25 U	0.025 U	0.0328 U	0.0342 U	0.025 U	0.0437 U	0.0416 U	0.025 U	0.0427 U	0.0399 U
	Aroclor-1248	MG/KG	0.25 U	0.025 U	0.0328 U	0.0342 U	0.025 U	0.0437 U	0.0416 U	0.025 U	0.0427 U	0.0399 U
	Aroclor-1254	MG/KG	0.25 U	0.025 U	0.22	0.0342 U	0.025 U	0.0437 U	0.0416 U	0.025 U	0.0427 U	0.0399 U
	Aroclor-1260	MG/KG	0.65	0.025 U	0.0328 U	0.0661	0.025 U	0.0437 U	0.0416 U	0.025 U	0.0427 U	0.0399 U
	Aroclor-1262	MG/KG	4.9	0.025 U	0.0328 U	0.0342 U	0.025 U	0.191	0.0416 U	0.025 U	0.0427 U	0.0399 U
	Aroclor-1268	MG/KG	0.25 U	0.025 U	0.772	0.0342 U	0.025 U	0.0437 U	0.0416 U	0.025 U	0.0427 U	0.0399 U
	Total Aroclors (CALC)	MG/KG	5.55	0.025 U	0.992	0.0661	0.025 U	0.191	0.0416 U	0.025 U	0.0427 U	0.0399 U
PCB Homologs	Cl10-BZ#209	MG/KG			0.0328 U	0.0342 U		0.0437 U	0.0416 U		0.0427 U	0.0399 U
	Decachlorobiphenyl (total)	MG/KG	0.0089	0.0005 U			0.00051 U			0.0005 U		
	Dichlorobiphenyl (total)	MG/KG	0.0084	0.0024 U	0.00657 U	0.00683 U	0.0024 U	0.00875 U	0.00833 U	0.0024 U	0.00854 U	0.00797 U
	Heptachlorobiphenyl (total)	MG/KG	0.14	0.0037 U	0.0847	0.0389	0.0037	0.0262 U	0.025 U	0.0037 U	0.0256 U	0.0239 U
	Hexachlorobiphenyl (total)	MG/KG	0.12	0.0043 U	0.0959	0.0547	0.0042 UJ	0.0175 U	0.0167 U	0.0043 U	0.0171 U	0.0159 U
	Monochlorobiphenyl (total)	MG/KG	0.00045 U	0.0009 U	0.00657 U	0.00683 U	0.00091 UJ	0.00875 U	0.00833 U	0.0009 U	0.00854 U	0.00797 U
	Nonachlorobiphenyl (total)	MG/KG	0.065	0.0009 U	0.0328 U	0.0342 U	0.00091 U	0.0437 U	0.0416 U	0.0009 U	0.0427 U	0.0399 U
	Octachlorobiphenyl (total)	MG/KG	0.27	0.0024 U	0.0545	0.0403	0.0024 U	0.0262 U	0.025 U	0.0024 U	0.0256 U	0.0239 U
	Pentachlorobiphenyl (total)	MG/KG	0.13	0.0047 U	0.0525	0.0875	0.0046 UJ	0.0175 U	0.0167 U	0.0047 U	0.0171 U	0.0159 U
	Tetrachlorobiphenyl (total)	MG/KG	0.038	0.0043 U	0.0131 U	0.0137 U	0.0042 U	0.0175 U	0.0167 U	0.0043 U	0.0171 U	0.0159 U
	Trichlorobiphenyl (total)	MG/KG	0.01	0.0024 U	0.00657 U	0.00683 U	0.0024 U	0.00875 U	0.00833 U	0.0024 U	0.00854 U	0.00797 U
Total Homolog (PCBs)	MG/KG	0.800	0.031 U	0.337	0.273	0.030 U	0.109 U	0.104 U	0.031 U	0.107 U	0.100 U	
Metals	Antimony	MG/KG			1.31 U	1.37 U		1.75 U	1.67 U		1.71 U	1.59 U
	Arsenic*	MG/KG	9.56	5.32	3.49	4.41	4.54	6.48	6.83	4.95	7.67	4.24
	Cadmium*	MG/KG	4.92	0.5 U	0.768	1.54	0.5 U	2.71	1.87	0.5 U	2.44	0.797 U
	Chromium*	MG/KG	436	22 J	135	121	37 J	516	204	22	327	93
	Copper*	MG/KG	1,140 J	13	42	123	14	469	592	12	829	174
	Lead*	MG/KG	130	6.25	30	30.6	7.05	65.4	59.7	6.49	77.6	25.8
	Manganese	MG/KG			398	205		609	628		264	240
	Mercury*	MG/KG	0.81	0.05 U	0.0434 U		0.05 U	0.0577 U		0.05 U	0.0564 U	
	Nickel*	MG/KG	46.4	17	113	121	22.9	75.8	32.5	16	65.2	44.5
	Selenium	MG/KG			1.31 U	1.37 U		1.75 U	1.67 U		1.85	1.59 U
	Silver	MG/KG	7.64	0.5 U	1.31 U	1.37 U	0.5 U	8.91	4.96	0.5 U	3.42	1.59 U
Zinc*	MG/KG	626	60.3	98.1	123	52.4	355	365	60.9	486	142	
Average ERM-Q (8 Metals)	NA	1.39	0.11	0.42	0.50	0.13	1.07	0.77	0.11	1.01	0.32	
Cyanide	Cyanide, Total	MG/KG			0.657 U	0.683 UJ		1.22	0.833 UJ		0.854 U	0.797 UJ
PAHs	Acenaphthene	MG/KG	0.53	0.01 U								
	Acenaphthylene	MG/KG	0.29	0.01 U								
	Anthracene	MG/KG	1.4	0.01 U								
	Benzo(a)anthracene	MG/KG	3	0.011								
	Benzo(a)pyrene	MG/KG	2.3	0.01 U								
	Benzo(b)fluoranthene	MG/KG	2.1	0.01 U								
	Benzo(ghi)perylene	MG/KG	1.2	0.01 U								
	Benzo(k)fluoranthene	MG/KG	2.3	0.01 U								
	Chrysene	MG/KG	3.7	0.013								
	Dibenz(a,h)anthracene	MG/KG	0.25 J	0.01 U								
	Fluoranthene	MG/KG	7.1	0.03								
	Fluorene	MG/KG	1	0.009 J								
	Indeno(1,2,3-cd)pyrene	MG/KG	1.3	0.01 U								
	Naphthalene	MG/KG	2.7	0.052 J								
	Phenanthrene	MG/KG	6.3	0.061 U								
Pyrene	MG/KG	6.2	0.024									

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-G5 SD14TFG502FS 4/2/15 2 - 3	SD2014-TF-G5 SD14TFG503FSH 4/2/15 3 - 4	SD2014-TF-GH1 SD14TFGH100FS 4/16/14 0 - 0.5	SD2014-TF-GH1 SD14TFGH101FS 4/16/14 1 - 2	SD2014-TF-GH1 SD14TFGH103FS 4/6/15 3 - 4	SD2014-TF-H2 SD14TFH200FS 4/16/14 0 - 0.5	SD2014-TF-H2 SD14TFH201FS 4/16/14 1 - 2	SD2014-TF-H2 SD14TFH203FS 4/2/15 3 - 4	SD2014-TF-H3 SD14TFH300FS 5/1/14 0 - 0.5	SD2014-TF-H3 SD14TFH301FS 5/1/14 1 - 2
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Congeners	CI10-BZ#209	MG/KG	0.0061		0.00051							
	CI2-BZ#8	MG/KG	0.0005 U		0.0002 U							
	CI3-BZ#18	MG/KG	0.0005 U		0.0002 U							
	CI3-BZ#28	MG/KG	0.0005 U		0.0002 U							
	CI4-BZ#44	MG/KG	0.01		0.0002 U							
	CI4-BZ#49	MG/KG	0.017		0.0002 U							
	CI4-BZ#52	MG/KG	0.0074		0.0002 U							
	CI4-BZ#66	MG/KG	0.012		0.0002 U							
	CI4-BZ#77	MG/KG	0.0005 U		0.0002 U							
	CI5-BZ#101	MG/KG	0.07		0.0002 J							
	CI5-BZ#105	MG/KG	0.0005 U		0.0002 U							
	CI5-BZ#118	MG/KG	0.037		0.00017 J							
	CI5-BZ#126	MG/KG	0.0005 U		0.0002 U							
	CI5-BZ#128	MG/KG	0.0005 U		0.0002 U							
	CI5-BZ#87	MG/KG	0.017		0.0002 U							
	CI6-BZ#138	MG/KG	0.055		0.00049							
	CI6-BZ#153	MG/KG	0.12		0.0003							
	CI6-BZ#170	MG/KG	0.04		0.00032							
	CI7-BZ#180	MG/KG	0.12		0.00088							
	CI7-BZ#183	MG/KG	0.03		0.00037							
CI7-BZ#184	MG/KG	0.0013		0.0002 U								
CI7-BZ#187	MG/KG	0.086		0.00063								
CI8-BZ#195	MG/KG	0.016		0.0002 U								
CI9-BZ#206	MG/KG	0.037		0.0003								
SVOCs	3 & 4 Methylphenol	MG/KG			0.329 U		0.342 U		R	0.416 U		0.427 U
	Acenaphthene	MG/KG			0.593 J		0.27		1.81 J	0.0425		R
	Acenaphthylene	MG/KG			0.329 UJ		0.0683 U		0.666 J	0.0633		R
	Anthracene	MG/KG			1.4		0.605		3.65	0.0275		0.158
	Benzo(a)anthracene	MG/KG			3.05		2.25		5.4	0.106		0.427
	Benzo(a)pyrene	MG/KG			2.93		1.36		5.07	0.106		0.346
	Benzo(b)fluoranthene	MG/KG			3.21		2.05		4.38	0.219		0.35 J
	Benzo(ghi)perylene	MG/KG			1.3		0.577		1.75	0.0625		0.179
	Benzo(k)fluoranthene	MG/KG			3.31		1.51		0.877	0.0908		0.436
	Bis(2-Ethylhexyl)phthalate	MG/KG			0.329 U		0.342 U		R	0.416 U		0.427 U
	Carbazole	MG/KG			0.519		0.342 U		R	0.416 U		0.427 U
	Chrysene	MG/KG			3.16		1.24		2.02	0.0808		0.367
	Dibenz(a,h)anthracene	MG/KG			0.609		0.352		0.93	0.0316		0.0854 U
	Fluoranthene	MG/KG			5.83		3.76		4.43	0.166		0.611
	Fluorene	MG/KG			0.543		0.301		1.63	0.0375		0.0854 UJ
	Indeno(1,2,3-cd)pyrene	MG/KG			1.25		0.69		1.82	0.065		0.192
	Naphthalene	MG/KG			0.329 UJ		0.0854		0.754 J	0.035		R
Phenanthrene	MG/KG			4.92		3.01		3.11	0.107		0.436	
Pyrene	MG/KG			6.22		3.35		3.95	0.196		0.675	
TOC	Total Organic Carbon	MG/KG	12,000		68,000		9,280		17,600 J		19,800	
Solids	Percent Solids	PERCENT					76.1		73.2		57.2	
											60	
											58.5	
												10,200 J
												62.7

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-H4 SD14TFH400FS 5/1/14 0 - 0.5	SD2014-TF-H4 SD14TFH401FS 5/1/14 1 - 2	SD2014-TF-H5 SD14TFH500FS 5/1/14 0 - 0.5	SD2014-TF-H5 SD14TFH501FS 5/1/14 1 - 2	SD2014-TF-H5 SD14TFH502FS 4/2/15 2 - 3	SD2014-TF-H5 SD14TFH503FSH 4/2/15 3 - 4	SD2014-TF-HJ1 SD14TFHJ100FS 4/16/14 0 - 0.5	SD2014-TF-HJ1 SD14TFHJ101FS 4/16/14 1 - 2	SD2014-TF-HJ1 SD14TFHJ103FS 4/2/15 3 - 4	SD2014-TF-HJ1 SD14TFHJ105FS 4/2/15 5 - 6
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.0424 U	0.0378 U	0.043 U	0.0436 U	0.025 U	0.025 U	0.032 U	0.0305 U	0.025 U	0.024 U
	Aroclor-1232	MG/KG	0.0424 U	0.0378 U	0.043 U	0.0436 U	0.025 U	0.025 U	0.032 U	0.0305 U	0.025 U	0.024 U
	Aroclor-1242	MG/KG	0.0424 U	0.0378 U	0.043 U	0.0436 U	0.025 U	0.025 U	0.032 U	0.0305 U	0.025 U	0.024 U
	Aroclor-1248	MG/KG	0.0424 U	0.0378 U	0.043 U	0.0436 U	0.025 U	0.025 U	0.152	0.0305 U	0.025 U	0.024 U
	Aroclor-1254	MG/KG	0.0424 U	0.0378 U	0.043 U	0.0436 U	0.025 U	0.025 U	0.032 U	0.0305 U	0.025 U	0.024 U
	Aroclor-1260	MG/KG	0.0424 U	0.0378 U	0.105	0.0436 U	0.025 U	0.025 U	0.0579	0.0305 U	0.025 U	0.024 U
	Aroclor-1262	MG/KG	0.0424 U	0.0378 U	0.043 U	0.0436 U	0.025 U	0.025 U	0.032 U	0.0305 U	0.025 U	0.024 U
	Aroclor-1268	MG/KG	0.0424 U	0.0378 U	0.043 U	0.0436 U	0.025 U	0.025 U	0.032 U	0.0305 U	0.025 U	0.024 U
	Total Aroclors (CALC)	MG/KG	0.0424 U	0.0378 U	0.105	0.0436 U	0.025 U	0.025 U	0.21	0.0305 U	0.025 U	0.024 U
PCB Homologs	Cl10-BZ#209	MG/KG	0.0424 U	0.0378 U	0.043 U	0.0436 U			0.032 U	0.0305 U		
	Decachlorobiphenyl (total)	MG/KG					0.0031	0.0005 U			0.0008	0.0005
	Dichlorobiphenyl (total)	MG/KG	0.00848 U	0.00757 U	0.00859 U	0.00871 U	0.0024 U	0.0024 U	0.00641 U	0.0061 U	0.0024 UJ	0.0023 UJ
	Heptachlorobiphenyl (total)	MG/KG	0.0254 U	0.0227 U	0.0258 U	0.0261 U	0.0036 U	0.0037 U	0.0192 U	0.0183 U	0.005	0.0039
	Hexachlorobiphenyl (total)	MG/KG	0.017 U	0.0151 U	0.0172 U	0.0558	0.0042 U	0.0043 U	0.0128 U	0.0122 U	0.0048	0.0041 U
	Monochlorobiphenyl (total)	MG/KG	0.00848 U	0.00757 U	0.00859 U	0.00871 U	0.00089 U	0.0009 U	0.00641 U	0.0061 U	0.0009 UJ	0.0009 UJ
	Nonachlorobiphenyl (total)	MG/KG	0.0424 U	0.0378 U	0.043 U	0.0436 U	0.0022	0.0009 U	0.032 U	0.0305 U	0.0014	0.0011
	Octachlorobiphenyl (total)	MG/KG	0.0254 U	0.0227 U	0.0258 U	0.0261 U	0.0024 U	0.0024 U	0.0192 U	0.0183 U	0.0046	0.0027
	Pentachlorobiphenyl (total)	MG/KG	0.017 U	0.0151 U	0.0172 U	0.112	0.0046 U	0.0047 U	0.0128 U	0.0122 U	0.0055 J	0.0094 J
	Tetrachlorobiphenyl (total)	MG/KG	0.017 U	0.0151 U	0.0172 U	0.0174 U	0.0042 U	0.0043 U	0.0128 U	0.0122 U	0.0042 U	0.0041 U
	Trichlorobiphenyl (total)	MG/KG	0.00848 U	0.00757 U	0.00859 U	0.00871 U	0.0024 U	0.0024 U	0.00641 U	0.0061 U	0.0024 UJ	0.0023 UJ
Total Homolog (PCBs)	MG/KG	0.106 U	0.095 U	0.107 U	0.259	0.030 U	0.031 U	0.080 U	0.076 U	0.030 U	0.029 U	
Metals	Antimony	MG/KG	1.7 U	1.51 U	1.72 U	1.77			1.28 U	1.22 U		
	Arsenic*	MG/KG	5.88	3.73	9.92	6.85	10.2	7.41	1.59	1.22 U	5.55	6.37
	Cadmium*	MG/KG	1.62	0.757 U	3.69	3.17	1.51	1.2	0.641 U	0.61 U	0.55	0.5 U
	Chromium*	MG/KG	228	98	668	452	152	71 J	67	61	61	35
	Copper*	MG/KG	521	219	1,800	805	1,820	898	47	23	141	34
	Lead*	MG/KG	73.1	27.6	153	129	180	112	16.8	6.85	15.5 J	6.35 J
	Manganese	MG/KG	284	205	313	278			126	84.4		
	Mercury*	MG/KG	0.056 U		0.0567 U		2.36	0.94	0.0423 U		0.48 J	0.23 J
	Nickel*	MG/KG	40	33.8	58.3	43.6	35.6	23.3	65.6	23.7	17.1	19.6
	Selenium	MG/KG	1.75	1.51 U	2.38	1.74 U			1.28 U	1.22 U		
	Silver	MG/KG	2.51	1.51 U	4.52	7.8	1.02	0.5 U	1.28 U	1.22 U	0.5 U	0.5 U
	Zinc*	MG/KG	347	149	884	491	728	525	65.8	37.2	118	49.7
	Average ERM-Q (8 Metals)	NA	0.68	0.31	1.78	1.17	1.38	0.77	0.26	0.13	0.21	0.13
Cyanide	Cyanide, Total	MG/KG	0.848 U	0.757 UJ	0.859 U	0.871 UJ			0.641 U	0.61 UJ		
PAHs	Acenaphthene	MG/KG					0.2 U	0.043				
	Acenaphthylene	MG/KG					0.19 J	0.11				
	Anthracene	MG/KG					0.32	0.29				
	Benzo(a)anthracene	MG/KG					1.4	1.1				
	Benzo(a)pyrene	MG/KG					1.2	0.91				
	Benzo(b)fluoranthene	MG/KG					1.1	0.91				
	Benzo(ghi)perylene	MG/KG					0.76	0.54				
	Benzo(k)fluoranthene	MG/KG					1	0.89				
	Chrysene	MG/KG					1.4	1.2				
	Dibenz(a,h)anthracene	MG/KG					0.16 J	0.18				
	Fluoranthene	MG/KG					2.6	2.1				
	Fluorene	MG/KG					0.11 J	0.11				
	Indeno(1,2,3-cd)pyrene	MG/KG					0.8	0.53				
	Naphthalene	MG/KG					0.14 J	0.16 J				
	Phenanthrene	MG/KG					0.64	0.64				
Pyrene	MG/KG					2.9	2.1					

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-H4 SD14TFH400FS 5/1/14 0 - 0.5		SD2014-TF-H4 SD14TFH401FS 5/1/14 1 - 2		SD2014-TF-H5 SD14TFH500FS 5/1/14 0 - 0.5		SD2014-TF-H5 SD14TFH501FS 5/1/14 1 - 2		SD2014-TF-H5 SD14TFH502FS 4/2/15 2 - 3		SD2014-TF-H5 SD14TFH503FSH 4/2/15 3 - 4		SD2014-TF-HJ1 SD14TFHJ100FS 4/16/14 0 - 0.5		SD2014-TF-HJ1 SD14TFHJ101FS 4/16/14 1 - 2		SD2014-TF-HJ1 SD14TFHJ103FS 4/2/15 3 - 4		SD2014-TF-HJ1 SD14TFHJ105FS 4/2/15 5 - 6	
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Congeners	CI10-BZ#209	MG/KG									0.0012		0.0002 U									
	CI2-BZ#8	MG/KG									0.0005 U		0.0002 U									
	CI3-BZ#18	MG/KG									0.0005 U		0.0002 U									
	CI3-BZ#28	MG/KG									0.0005 U		0.0002 U									
	CI4-BZ#44	MG/KG									0.0005 U		0.0015									
	CI4-BZ#49	MG/KG									0.0005 U		0.0002 U									
	CI4-BZ#52	MG/KG									0.0005 U		0.0002 U									
	CI4-BZ#66	MG/KG									0.0005 U		0.001									
	CI4-BZ#77	MG/KG									0.0005 U		0.0002 U									
	CI5-BZ#101	MG/KG									0.0005 U		0.0002 U									
	CI5-BZ#105	MG/KG									0.0005 U		0.0002 U									
	CI5-BZ#118	MG/KG									0.0005 U		0.0002 U									
	CI5-BZ#126	MG/KG									0.0005 U		0.0002 U									
	CI5-BZ#128	MG/KG									0.0005 U		0.0002 U									
	CI5-BZ#87	MG/KG									0.0005 U		0.0002 U									
	CI6-BZ#138	MG/KG									0.0005 U		0.0002 U									
	CI6-BZ#153	MG/KG									0.0005 U		0.0002 U									
	CI6-BZ#170	MG/KG									0.0005 U		0.0002 U									
	CI7-BZ#180	MG/KG									0.0005 U		0.0002 U									
	CI7-BZ#183	MG/KG									0.0005 U		0.0002 U									
CI7-BZ#184	MG/KG									0.0005 U		0.0002 U										
CI7-BZ#187	MG/KG									0.0005 U		0.0002 U										
CI8-BZ#195	MG/KG									0.0005 U		0.0002 U										
CI9-BZ#206	MG/KG									0.00054		0.0002 U										
SVOCs	3 & 4 Methylphenol	MG/KG	0.423 U		0.377 U		R		0.436 U						0.573		0.305 U					
	Acenaphthene	MG/KG		R	0.0151 U		0.221 J		0.667						0.16 UJ		0.061 U					
	Acenaphthylene	MG/KG		R	0.0166		0.245 J		0.0958						0.16 UJ		0.061 U					
	Anthracene	MG/KG	0.761		0.0189		0.904		1.4						0.312		0.0763					
	Benzo(a)anthracene	MG/KG	2.11		0.0966		2.62		1.74 U						1.02		0.25					
	Benzo(a)pyrene	MG/KG	1.42		0.0815		2.58		1.74 U						1.07		0.211					
	Benzo(b)fluoranthene	MG/KG	1.67 J		0.102		1.46		1.74 U						1.11		0.455					
	Benzo(ghi)perylene	MG/KG	0.677		0.0491		1.5		1.18						0.472		0.101					
	Benzo(k)fluoranthene	MG/KG	2.3		0.08		2.96		1.74 U						1.36		0.259					
	Bis(2-Ethylhexyl)phthalate	MG/KG	0.423 U		0.377 UJ			R	0.436 U						0.32 U		0.305 U					
	Carbazole	MG/KG	0.423 U		0.377 U			R	0.557						0.32 U		0.305 U					
	Chrysene	MG/KG	1.71		0.0679		2.36		1.74 U						1.08		0.198					
	Dibenz(a,h)anthracene	MG/KG	0.423 U		0.0272		0.541		0.736						0.208		0.061 U					
	Fluoranthene	MG/KG	4.06		0.149		5.97		3.49						2.04		0.482					
	Fluorene	MG/KG	0.423 UJ		0.0151 U		0.292		0.566						0.16 U		0.061 U					
	Indeno(1,2,3-cd)pyrene	MG/KG	0.74		0.0513		1.29		1.42						0.456		0.119					
	Naphthalene	MG/KG		R	0.0151 UJ		0.0859 J		0.0958						0.16 UJ		0.061 U					
Phenanthrene	MG/KG	2.5		0.0898		2.66		1.83						0.713		0.226						
Pyrene	MG/KG	3.76		0.138		5.16		3.66						1.99		0.381						
TOC	Total Organic Carbon	MG/KG	15,600		8,040 J		43,000 E		19,400 J		34,000		11,000		7,560		528 J					
Solids	Percent Solids	PERCENT	59		66.1		58.2		57.4					78		81.9						

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-J2 SD14TFJ200FS 4/17/14 0 - 0.5	SD2014-TF-J2 SD14TFJ201FS 4/17/14 1 - 2	SD2014-TF-J2 SD14TFJ202FS 4/2/15 2 - 3	SD2014-TF-J3 SD14TFJ300FS 4/17/14 0 - 0.5	SD2014-TF-J3 SD14TFJ301FS 4/17/14 1 - 2	SD2014-TF-J4 SD14TFJ400FS 5/1/14 0 - 0.5	SD2014-TF-J4 SD14TFJ401FS 5/1/14 1 - 2	SD2014-TF-J5 SD14TFJ500FS 4/17/14 0 - 0.5	SD2014-TF-J5 SD14TFJ501FS 4/17/14 1 - 2	SD2014-TF-K2 SD14TFK200FS 4/24/14 0 - 0.5
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.0313 UJ	0.0403 UJ	0.024 U	0.0345 UJ	0.0376 UJ	0.0363 U	0.0392 U	0.0348 U	0.0408 UJ	0.0342 U
	Aroclor-1232	MG/KG	0.0313 UJ	0.0403 UJ	0.024 U	0.0345 UJ	0.0376 UJ	0.0363 U	0.0392 U	0.0348 U	0.0408 UJ	0.0342 U
	Aroclor-1242	MG/KG	0.0313 UJ	0.0403 UJ	0.024 U	0.0345 UJ	0.0376 UJ	0.0363 U	0.0392 U	0.0348 U	0.0408 UJ	0.0342 U
	Aroclor-1248	MG/KG	0.0313 UJ	0.0403 UJ	0.024 U	0.0345 UJ	0.0376 UJ	0.0363 U	0.0392 U	0.0348 U	0.0408 UJ	0.0342 U
	Aroclor-1254	MG/KG	0.0313 UJ	0.0403 UJ	0.024 U	0.0345 UJ	0.0376 UJ	0.0363 U	0.0392 U	0.0348 U	0.0408 UJ	0.0342 U
	Aroclor-1260	MG/KG	0.0313 UJ	0.0403 UJ	0.024 U	0.0345 UJ	0.0376 UJ	0.0363 U	0.0392 U	0.0348 U	0.0408 UJ	0.0342 U
	Aroclor-1262	MG/KG	0.106 J	0.0403 UJ	0.024 U	0.0345 UJ	0.0376 UJ	0.0363 U	0.0392 U	0.0348 U	0.0408 UJ	0.0342 U
	Aroclor-1268	MG/KG	0.0313 UJ	0.0403 UJ	0.024 U	0.0345 UJ	0.0376 UJ	0.0363 U	0.0392 U	0.0348 U	0.0408 UJ	0.0342 U
	Total Aroclors (CALC)	MG/KG	0.106 J	0.0403 UJ	0.024 U	0.0345 UJ	0.0376 UJ	0.0363 U	0.0392 U	0.0348 U	0.0408 UJ	0.0342 U
PCB Homologs	Cl10-BZ#209	MG/KG	0.0313 U	0.0403 U		0.0345 U	0.0376 U	0.0363 U	0.0392 U	0.0348 U	0.0408 U	0.0342 U
	Decachlorobiphenyl (total)	MG/KG			0.0005 U							
	Dichlorobiphenyl (total)	MG/KG	0.00627 U	0.00806 U	0.0023 UJ	0.0069 U	0.00753 U	0.00726 U	0.00785 U	0.00697 U	0.00816 U	0.00683 U
	Heptachlorobiphenyl (total)	MG/KG	0.0307	0.0242 U	0.0035 U	0.0207 U	0.0226 U	0.0218 U	0.0235 U	0.0209 U	0.0245 U	0.0205 U
	Hexachlorobiphenyl (total)	MG/KG	0.0301	0.0161 U	0.0041 U	0.0138 U	0.0151 U	0.0145 U	0.0157 U	0.0293	0.0163 U	0.0137 U
	Monochlorobiphenyl (total)	MG/KG	0.00627 U	0.00806 U	0.0009 UJ	0.0069 U	0.00753 U	0.00726 U	0.00785 U	0.00697 U	0.00816 U	0.00683 U
	Nonachlorobiphenyl (total)	MG/KG	0.0313 U	0.0403 U	0.0009 U	0.0345 U	0.0376 U	0.0363 U	0.0392 U	0.0348 U	0.0408 U	0.0342 U
	Octachlorobiphenyl (total)	MG/KG	0.0188 U	0.0242 U	0.0023 U	0.0207 U	0.0226 U	0.0218 U	0.0235 U	0.0209 U	0.0245 U	0.0205 U
	Pentachlorobiphenyl (total)	MG/KG	0.0351	0.0161 U	0.0045 UJ	0.0138 U	0.0151 U	0.0145 U	0.0157 U	0.0272	0.0163 U	0.0137 U
	Tetrachlorobiphenyl (total)	MG/KG	0.0125 U	0.0161 U	0.0041 U	0.0138 U	0.0151 U	0.0145 U	0.0157 U	0.0139 U	0.0163 U	0.0137 U
	Trichlorobiphenyl (total)	MG/KG	0.00627 U	0.00806 U	0.0023 UJ	0.0069 U	0.00753 U	0.00726 U	0.00785 U	0.00697 U	0.00816 U	0.00683 U
Total Homolog (PCBs)	MG/KG	0.152	0.101 U	0.029 U	0.086 U	0.094 U	0.091 U	0.098 U	0.130	0.102 U	0.086 U	
Metals	Antimony	MG/KG	1.25 U	1.61 U		1.38 U	1.51 U	1.45 U	1.57 U	1.39 U	1.63 U	1.37 U
	Arsenic*	MG/KG	5.25	8.72	5.46	4.61	3.6	4.49	3.63	5.86	4.92	21
	Cadmium*	MG/KG	1.68	3.37	0.5 U	0.981	0.753 U	0.979	0.785 U	2.14	1.68	0.683 U
	Chromium*	MG/KG	307	344	22	143	42	126	59	277	158	15
	Copper*	MG/KG	289	838	11	245	49	269	66	578	402	9
	Lead*	MG/KG	42.7	72.8	6.07 J	32.1	10.5	41	11.2	72.2	49.8	4.69
	Manganese	MG/KG	301	1220		214	228	233	217	307	318	192
	Mercury*	MG/KG	0.0414 U		0.05 U	0.0455 U		0.0479 U		0.046 U		0.0451 U
	Nickel*	MG/KG	57.7	33.2	16.9	28.2	15.2	27.8	21.4	30.9	26.8	21.5
	Selenium	MG/KG	1.25 U	1.61 U		1.38 U	1.51 U	1.45 U	1.57 U	1.5	1.63 U	1.37 U
	Silver	MG/KG	3.59	34.3	0.5 U	1.76	1.51 U	1.45 U	1.57 U	3.15	1.63 U	1.37 U
	Zinc*	MG/KG	226	556	56.5	176	68.7	206	85	342	259	50.8
Average ERM-Q (8 Metals)	NA	0.62	2.01	0.11	0.38	0.14	0.37	0.17	0.73	0.47	0.14	
Cyanide	Cyanide, Total	MG/KG	0.627 UJ	0.806 UJ		0.69 UJ	0.753 UJ	0.726 U	0.785 UJ	0.975 J	0.816 UJ	0.683 U
PAHs	Acenaphthene	MG/KG										
	Acenaphthylene	MG/KG										
	Anthracene	MG/KG										
	Benzo(a)anthracene	MG/KG										
	Benzo(a)pyrene	MG/KG										
	Benzo(b)fluoranthene	MG/KG										
	Benzo(ghi)perylene	MG/KG										
	Benzo(k)fluoranthene	MG/KG										
	Chrysene	MG/KG										
	Dibenz(a,h)anthracene	MG/KG										
	Fluoranthene	MG/KG										
	Fluorene	MG/KG										
	Indeno(1,2,3-cd)pyrene	MG/KG										
	Naphthalene	MG/KG										
	Phenanthrene	MG/KG										
Pyrene	MG/KG											

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-J2 SD14TFJ200FS 4/17/14 0 - 0.5		SD2014-TF-J2 SD14TFJ201FS 4/17/14 1 - 2		SD2014-TF-J2 SD14TFJ202FS 4/2/15 2 - 3		SD2014-TF-J3 SD14TFJ300FS 4/17/14 0 - 0.5		SD2014-TF-J3 SD14TFJ301FS 4/17/14 1 - 2		SD2014-TF-J4 SD14TFJ400FS 5/1/14 0 - 0.5		SD2014-TF-J4 SD14TFJ401FS 5/1/14 1 - 2		SD2014-TF-J5 SD14TFJ500FS 4/17/14 0 - 0.5		SD2014-TF-J5 SD14TFJ501FS 4/17/14 1 - 2		SD2014-TF-K2 SD14TFK200FS 4/24/14 0 - 0.5	
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Congeners	CI10-BZ#209	MG/KG																				
	CI2-BZ#8	MG/KG																				
	CI3-BZ#18	MG/KG																				
	CI3-BZ#28	MG/KG																				
	CI4-BZ#44	MG/KG																				
	CI4-BZ#49	MG/KG																				
	CI4-BZ#52	MG/KG																				
	CI4-BZ#66	MG/KG																				
	CI4-BZ#77	MG/KG																				
	CI5-BZ#101	MG/KG																				
	CI5-BZ#105	MG/KG																				
	CI5-BZ#118	MG/KG																				
	CI5-BZ#126	MG/KG																				
	CI5-BZ#128	MG/KG																				
	CI5-BZ#87	MG/KG																				
	CI6-BZ#138	MG/KG																				
	CI6-BZ#153	MG/KG																				
	CI6-BZ#170	MG/KG																				
	CI7-BZ#180	MG/KG																				
	CI7-BZ#183	MG/KG																				
CI7-BZ#184	MG/KG																					
CI7-BZ#187	MG/KG																					
CI8-BZ#195	MG/KG																					
CI9-BZ#206	MG/KG																					
SVOCs	3 & 4 Methylphenol	MG/KG		R		0.403 U				0.345 U		0.376 U		0.363 U		0.391 U		0.348 U		0.408 U		R
	Acenaphthene	MG/KG		0.125 U		0.0806 U				0.069 U		0.0376 U		R		0.0157 U		0.0697 U		0.0408 U		R
	Acenaphthylene	MG/KG		0.125 U		0.133				0.069 U		0.0376 U		0.0799 J		0.0157 U		0.094		0.0408 U		R
	Anthracene	MG/KG		0.37		0.0806				0.107		0.0414		0.189		0.0157 U		0.289		0.0408 U		0.0342 U
	Benzo(a)anthracene	MG/KG		0.614		0.363				0.259		0.156		0.396		0.0446		0.522		0.124		0.094
	Benzo(a)pyrene	MG/KG		0.696		0.314				0.259		0.122		0.414		0.0368		0.55		0.0938		0.0632
	Benzo(b)fluoranthene	MG/KG		0.539 J		0.238				0.3 J		0.218		0.465 J		0.0548		0.533 J		0.137		0.0786 J
	Benzo(ghi)perylene	MG/KG		0.42		0.109				0.152		0.0452		0.225		0.0227		0.352		0.0408 U		0.0444
	Benzo(k)fluoranthene	MG/KG		0.545		0.266				0.234		0.137		0.458		0.0274		0.616		0.0918		0.0718
	Bis(2-Ethylhexyl)phthalate	MG/KG		R		0.403 U				R		0.376 U		0.363 U		0.391 UJ		0.348 UJ		0.408 U		R
	Carbazole	MG/KG		R		0.403 U				R		0.376 U		0.363 U		0.391 U		0.348 UJ		0.408 U		R
	Chrysene	MG/KG		0.614		0.27				0.228		0.102		0.399		0.0329		0.547		0.0897		0.0666
	Dibenz(a,h)anthracene	MG/KG		0.182		0.0806 U				0.069 U		0.0376 U		0.0726 U		0.0157 U		0.157		0.0408 U		0.0342 U
	Fluoranthene	MG/KG		1.25		0.415				0.421		0.239		0.741		0.0705		0.996		0.163		0.14
	Fluorene	MG/KG		0.125 U		0.0806 U				0.069 U		0.0376 U		0.0726 UJ		0.0157 U		0.101		0.0408 U		0.0342 UJ
	Indeno(1,2,3-cd)pyrene	MG/KG		0.376		0.125				0.134		0.0546		0.236		0.0227		0.306		0.0408		0.0444
	Naphthalene	MG/KG		0.125 U		0.0806 U				0.069 U		0.0376 U		R		0.0157 UJ		0.0697 U		0.0408 U		R
Phenanthrene	MG/KG		0.608		0.218				0.19		0.134		0.519		0.0485		0.474		0.0714		0.0786	
Pyrene	MG/KG		1.27		0.637				0.448		0.215		0.734		0.0697		0.993		0.188		0.142	
TOC	Total Organic Carbon	MG/KG		10,900		17,700 J				10,200		13,000 J		14,000		5,700 J		33,700		25,800 J		10,400
Solids	Percent Solids	PERCENT		79.8		62.1				72.5		66.4		68.8		63.7		71.8		61.3		73.2

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-K2 SD14TFK201FS 4/24/14 1 - 2	SD2014-TF-K3 SD14TFK300FS 5/1/14 0 - 0.5	SD2014-TF-K3 SD14TFK301FS 5/1/14 1 - 2	SD2014-TF-K4 SD14TFK400FS 5/1/14 0 - 0.5	SD2014-TF-K4 SD14TFK401FS 5/1/14 1 - 2	SD2014-TF-K5 SD14TFK500FS 5/1/14 0 - 0.5	SD2014-TF-K5 SD14TFK501FS 5/1/14 1 - 2	SD2014-TF-L3 SD14TFL300FS 5/1/14 0 - 0.5	SD2014-TF-L3 SD14TFL301FS 5/1/14 1 - 2	SD2014-TF-L3 SD14TFL302FS 4/2/15 2 - 3	
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	
PCB Aroclors	Aroclor-1016	MG/KG	0.0335 UJ	0.0397 U	0.0372 UJ	0.0346 U			0.0363 U	0.0411 U	0.0502 U	0.0517 U	0.025 U
	Aroclor-1232	MG/KG	0.0335 UJ	0.0397 U	0.0372 UJ	0.0346 U			0.0363 U	0.0411 U	0.0502 U	0.0517 U	0.025 U
	Aroclor-1242	MG/KG	0.0335 UJ	0.0397 U	0.0372 UJ	0.0346 U			0.0363 U	0.0411 U	0.0502 U	0.0517 U	0.46
	Aroclor-1248	MG/KG	0.0335 UJ	0.0397 U	0.0372 UJ	0.0346 U			0.0363 U	0.0411 U	0.0502 U	0.0517 U	0.59
	Aroclor-1254	MG/KG	0.0335 UJ	0.0397 U	0.0372 UJ	0.0346 U			0.0363 U	0.0411 U	0.0502 U	0.0517 U	0.31
	Aroclor-1260	MG/KG	0.0335 UJ	0.0397 U	0.0372 UJ	0.0346 U			0.0363 U	0.0411 U	0.119	0.0517 U	0.33
	Aroclor-1262	MG/KG	0.0335 UJ	0.0397 U	0.0372 UJ	0.0346 U			0.0363 U	0.0411 U	0.0502 U	0.0517 U	0.29
	Aroclor-1268	MG/KG	0.0335 UJ	0.0397 U	0.0372 UJ	0.0346 U			0.0363 U	0.0411 U	0.0502 U	0.0517 U	0.046
	Total Aroclors (CALC)	MG/KG	0.0335 UJ	0.0397 U	0.0372 UJ	0.0346 U			0.0363 U	0.0411 U	0.119	0.0517 U	2.026
PCB Homologs	Cl10-BZ#209	MG/KG	0.0335 U	0.0397 U	0.0372 U	0.0346 U			0.0363 U	0.0411 U	0.0502 U	0.0517 U	
	Decachlorobiphenyl (total)	MG/KG											0.0068
	Dichlorobiphenyl (total)	MG/KG	0.0067 U	0.00795 U	0.00744 U	0.00692 U			0.00726 U	0.00821 U	0.01 U	0.0103 U	0.0082
	Heptachlorobiphenyl (total)	MG/KG	0.0201 U	0.0238 U	0.0223 U	0.0208 U			0.0218 U	0.0246 U	0.0301 U	0.031 U	0.22
	Hexachlorobiphenyl (total)	MG/KG	0.0134 U	0.0159 U	0.0149 U	0.0138 U			0.0145 U	0.0164 U	0.0201 U	0.0558	0.21
	Monochlorobiphenyl (total)	MG/KG	0.0067 U	0.00795 U	0.00744 U	0.00692 U			0.00726 U	0.00821 U	0.01 U	0.0103 U	0.0009 U
	Nonachlorobiphenyl (total)	MG/KG	0.0335 U	0.0397 U	0.0372 U	0.0346 U			0.0363 U	0.0411 U	0.0502 U	0.0517 U	0.047
	Octachlorobiphenyl (total)	MG/KG	0.0201 U	0.0238 U	0.0223 U	0.0208 U			0.0218 U	0.0246 U	0.0301 U	0.031 U	0.22
	Pentachlorobiphenyl (total)	MG/KG	0.0134 U	0.0159 U	0.0149 U	0.0138 U			0.0145 U	0.0164 U	0.0201 U	0.0827	0.51
	Tetrachlorobiphenyl (total)	MG/KG	0.0134 U	0.0159	0.0149 U	0.0138 U			0.0145 U	0.0164 U	0.0201 U	0.0207 U	0.46
	Trichlorobiphenyl (total)	MG/KG	0.0067 U	0.0675	0.00744 U	0.00692 U			0.00726 U	0.00821 U	0.01 U	0.0103 U	0.22
Total Homolog (PCBs)	MG/KG	0.084 U	0.171	0.093 U	0.086 U			0.091 U	0.103 U	0.125 U	0.247	1.900	
Metals	Antimony	MG/KG	1.34 U	1.59 U	1.49 U	1.38 U		1.39 U	1.45 U	1.64 U	2.01 U	2.07 U	
	Arsenic*	MG/KG	26.3	4.25	3.42	2.84		2.09	3.21	4.3	8.78	8.73	12.7
	Cadmium*	MG/KG	0.67 U	0.795 U	0.744 U	0.692 U		0.695 U	0.726 U	0.821 U	5.52	2.78	4.77
	Chromium*	MG/KG	16	81	55	53		30	31	26	1,230	569	994
	Copper*	MG/KG	14	163	127	51		44	54	39	905	826	1,310
	Lead*	MG/KG	4.31	70.7	16.5	8.03		6.86	14.8	12.2	108	94.9	151
	Manganese	MG/KG	165	210	167	137		125	254	249	419	663	
	Mercury*	MG/KG		0.0524 U		R			0.0479 U		0.0663 U		1.51
	Nickel*	MG/KG	35.2	24.9	20	14.3		11	14.6	15.5	123	56.9	61.2
	Selenium	MG/KG	1.34 U	1.59 U	1.49 U	1.38 U		1.39 U	1.45 U	1.64 U	2.23	2.07 U	
	Silver	MG/KG	1.34 U	1.59 U	1.49 U	1.38 U		1.39 U	1.45 U	1.64 U	9.03	5.03	7.95
Zinc*	MG/KG	36.5	143	104	53.9		48.4	90.2	69.7	518	493	600	
Average ERM-Q (8 Metals)	NA	0.18	0.29	0.20	0.13		0.11	0.14	0.13	1.74	1.14	1.71	
Cyanide	Cyanide, Total	MG/KG	0.67 UJ	0.795 U	0.744 UJ			0.726 U	0.821 UJ	1 U	1.03 J		
PAHs	Acenaphthene	MG/KG											0.16
	Acenaphthylene	MG/KG											0.25
	Anthracene	MG/KG											0.74
	Benzo(a)anthracene	MG/KG											2.1
	Benzo(a)pyrene	MG/KG											2.1
	Benzo(b)fluoranthene	MG/KG											2.3
	Benzo(ghi)perylene	MG/KG											1.2
	Benzo(k)fluoranthene	MG/KG											1.6
	Chrysene	MG/KG											2.4
	Dibenz(a,h)anthracene	MG/KG											0.27
	Fluoranthene	MG/KG											4.5
	Fluorene	MG/KG											0.38
	Indeno(1,2,3-cd)pyrene	MG/KG											1.2
	Naphthalene	MG/KG											0.15
	Phenanthrene	MG/KG											2.9
Pyrene	MG/KG											4.6	

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-K2 SD14TFK201FS 4/24/14 1 - 2	SD2014-TF-K3 SD14TFK300FS 5/1/14 0 - 0.5	SD2014-TF-K3 SD14TFK301FS 5/1/14 1 - 2	SD2014-TF-K4 SD14TFK400FS 5/1/14 0 - 0.5	SD2014-TF-K4 SD14TFK401FS 5/1/14 1 - 2	SD2014-TF-K5 SD14TFK500FS 5/1/14 0 - 0.5	SD2014-TF-K5 SD14TFK501FS 5/1/14 1 - 2	SD2014-TF-L3 SD14TFL300FS 5/1/14 0 - 0.5	SD2014-TF-L3 SD14TFL301FS 5/1/14 1 - 2	SD2014-TF-L3 SD14TFL302FS 4/2/15 2 - 3
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Congeners	CI10-BZ#209	MG/KG										0.007
	CI2-BZ#8	MG/KG										0.00079 U
	CI3-BZ#18	MG/KG										0.037
	CI3-BZ#28	MG/KG										0.058
	CI4-BZ#44	MG/KG										0.093
	CI4-BZ#49	MG/KG										0.1
	CI4-BZ#52	MG/KG										0.14
	CI4-BZ#66	MG/KG										0.073
	CI4-BZ#77	MG/KG										0.0039
	CI5-BZ#101	MG/KG										0.13
	CI5-BZ#105	MG/KG										0.026
	CI5-BZ#118	MG/KG										0.083
	CI5-BZ#126	MG/KG										0.00079 U
	CI5-BZ#128	MG/KG										0.018
	CI5-BZ#87	MG/KG										0.024
	CI6-BZ#138	MG/KG										0.067
	CI6-BZ#153	MG/KG										0.083
	CI6-BZ#170	MG/KG										0.018
	CI7-BZ#180	MG/KG										0.063
	CI7-BZ#183	MG/KG										0.015
CI7-BZ#184	MG/KG										0.00079 U	
CI7-BZ#187	MG/KG										0.054	
CI8-BZ#195	MG/KG										0.011	
CI9-BZ#206	MG/KG										0.04	
SVOCs	3 & 4 Methylphenol	MG/KG	0.336 U	0.397 U	0.372 U			R	0.411 U	R	0.517 U	
	Acenaphthene	MG/KG	0.00672 U	R	0.0744 U			0.0363 UJ	0.00821 U	0.0502 UJ	0.0517 U	
	Acenaphthylene	MG/KG	0.00672 U	R	0.0744 U			0.0363 UJ	0.00821 U	0.1 J	0.0672	
	Anthracene	MG/KG	0.00672 U	0.155	0.0856			0.0363 U	0.00821 U	0.216	0.101	
	Benzo(a)anthracene	MG/KG	0.00773	0.369	0.26			0.0363	0.00821 U	0.548	0.367	
	Benzo(a)pyrene	MG/KG	0.00672 U	0.365	0.193			0.105	0.00821 U	0.681	0.339	
	Benzo(b)fluoranthene	MG/KG	0.00672 U	0.373 J	0.454			0.0799	0.0115	0.329	0.424	
	Benzo(ghi)perylene	MG/KG	0.00672 U	0.199	0.104			0.0654	0.00821 U	0.354	0.176	
	Benzo(k)fluoranthene	MG/KG	0.00672 U	0.477	0.305			0.0944	0.00821 U	0.49	0.328	
	Bis(2-Ethylhexyl)phthalate	MG/KG	0.336 U	0.397 U	0.372 UJ			0.593 J	0.411 U	R	0.517 U	
	Carbazole	MG/KG	0.336 U	0.397 U	0.372 U			R	0.411 U	R	0.517 U	
	Chrysene	MG/KG	0.00672 U	0.326	0.182			0.0908	0.00821 U	1.05	0.297	
	Dibenz(a,h)anthracene	MG/KG	0.00672 U	0.0795 U	0.0744 U			0.0363 U	0.00821 U	0.163	0.0956	
	Fluoranthene	MG/KG	0.0094	0.806	0.495			0.169	0.0185	0.955	0.633	
	Fluorene	MG/KG	0.0107	0.0795 UJ	0.0744 U			0.0363 U	0.00821 U	0.0779	0.0517	
	Indeno(1,2,3-cd)pyrene	MG/KG	0.00672 U	0.211	0.115			0.0581	0.00821 U	0.324	0.191	
	Naphthalene	MG/KG	0.00672 U	R	0.0744 UJ			R	0.00821 U	R	0.0517 U	
	Phenanthrene	MG/KG	0.00672 U	0.528	0.461			0.0726	0.0152	0.432	0.398	
Pyrene	MG/KG	0.0104	0.767	0.413			0.145	0.0156	1.02	0.633		
TOC	Total Organic Carbon	MG/KG	6,040 J	9,280	5,610 J			19,400 E	10,900 J	22,200 E	16,300 J	36,000
Solids	Percent Solids	PERCENT	74.6	62.9	67.2	72.3	72	68.8	60.9	49.8	48.4	

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-L3 SD14TFL303FSH 4/2/15 3 - 4	SD2014-TF-L4 SD14TFL400FS 5/1/14 0 - 0.5	SD2014-TF-L4 SD14TFL401FS 5/1/14 1 - 2	SD2014-TF-L5 SD14TFL500FS 5/1/14 0 - 0.5	SD2014-TF-L5 SD14TFL501FS 5/1/14 1 - 2	SD2014-TF-ZA45 SD14TFZA4500FS 4/22/14 0 - 0.5	SD2014-TF-ZA45 SD14TFZA4501FS 4/22/14 1 - 2	SD2014-TF-ZA45 SD14TFZA4502FS 4/6/15 5 - 6	SD2014-TF-ZA56 SD14TFZA5600FS 4/22/14 0 - 0.5	SD2014-TF-ZA56 SD14TFZA5601FS 4/22/14 1 - 2	
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	
PCB Aroclors	Aroclor-1016	MG/KG	0.025 U		0.0349 U		0.0431 UJ	0.0381 U	R	0.0607 UJ	0.024 U	0.0697 U	0.0509 UJ
	Aroclor-1232	MG/KG	0.025 U		0.0349 U		0.0431 UJ	0.0381 U	R	0.0607 UJ	0.024 U	0.0697 U	0.0509 UJ
	Aroclor-1242	MG/KG	0.025 U		0.0349 U		0.0431 UJ	0.0381 U	R	0.0607 UJ	0.024 U	0.0697 U	0.0509 UJ
	Aroclor-1248	MG/KG	0.025 U		0.0349 U		0.0431 UJ	0.0381 U	R	0.0607 UJ	0.024 U	0.0697 U	0.0509 UJ
	Aroclor-1254	MG/KG	0.025 U		0.0349 U		0.0431 UJ	0.0381 U	R	0.0607 UJ	0.024 U	0.0697 U	0.0509 UJ
	Aroclor-1260	MG/KG	0.22		0.0349 U		0.0431 UJ	0.0381 U	R	0.0607 UJ	0.024 U	0.0697 U	0.0509 UJ
	Aroclor-1262	MG/KG	0.025 U		0.0349 U		0.0431 UJ	0.0381 U	R	0.0607 UJ	0.024 U	0.0697 U	0.0509 UJ
	Aroclor-1268	MG/KG	0.025 U		0.0349 U		0.0431 UJ	0.0381 U	R	0.0607 UJ	0.024 U	0.0697 U	0.0509 UJ
	Total Aroclors (CALC)	MG/KG	0.22		0.0349 U		0.0431 UJ	0.0381 U	R	0.0607 UJ	0.024 U	0.0697 U	0.0509 UJ
PCB Homologs	Cl10-BZ#209	MG/KG			0.0349 U		0.0431 U	0.0381 U	R	0.0607 U		0.0697 U	0.0509 U
	Decachlorobiphenyl (total)	MG/KG	0.0063				0.00861 U	0.00762 U	R	0.0121 U	0.0005 U	0.0139 U	0.0102 U
	Dichlorobiphenyl (total)	MG/KG	0.0024 U		0.00699 U		0.0258 U	0.0229 U	R	0.0364 U	0.0035 U	0.0418 U	0.0305 U
	Heptachlorobiphenyl (total)	MG/KG	0.12		0.021 U		0.0172 U	0.0152 U	R	0.0243 U	0.0041 U	0.0279 U	0.0203 U
	Hexachlorobiphenyl (total)	MG/KG	0.13		0.014 U		0.0172 U	0.0152 U	R	0.0243 U	0.0041 U	0.0279 U	0.0203 U
	Monochlorobiphenyl (total)	MG/KG	0.0009 U		0.00699 U		0.00861 U	0.00762 U	R	0.0121 U	0.0009 U	0.0139 U	0.0102 U
	Nonachlorobiphenyl (total)	MG/KG	0.024		0.0349 U		0.0431 U	0.0381 U	R	0.0607 U	0.0009 U	0.0697 U	0.0509 U
	Octachlorobiphenyl (total)	MG/KG	0.076		0.021 U		0.0258 U	0.0229 U	R	0.0364 U	0.0023 U	0.0418 U	0.0305 U
	Pentachlorobiphenyl (total)	MG/KG	0.15		0.014 U		0.0172 U	0.0297	R	0.0243 U	0.0045 U	0.0279 U	0.0203 U
	Tetrachlorobiphenyl (total)	MG/KG	0.024		0.014 U		0.0172 U	0.0152 U	R	0.0243 U	0.0041 U	0.0279 U	0.0203 U
	Trichlorobiphenyl (total)	MG/KG	0.0046		0.00699 U		0.00861 U	0.00762 U	R	0.0121 U	0.0023 U	0.0139 U	0.0102 U
Total Homolog (PCBs)	MG/KG	0.540		0.087 U		0.108 U	0.117	R	0.152 U	0.029 U	0.174 U	0.127 U	
Metals	Antimony	MG/KG			1.4 U		1.59	1.72 U	1.52 U	R	2.43 U	2.79 U	2.03 U
	Arsenic*	MG/KG	8.33		3.12		3.1	4.19	2.09	12.2 J	9.81	6.45	10.2
	Cadmium*	MG/KG	3.45		0.699 U		0.681 U	0.861 U	0.762 U	R	3.21	0.5 U	1.1
	Chromium*	MG/KG	277 J		23		21	22	60	211 J	744	24	337
	Copper*	MG/KG	856		23		13	15	221	535 J	1,530	32	872
	Lead*	MG/KG	134		6.17		5.52	6.56	25.6	115 J	162	12.5	130
	Manganese	MG/KG			198		216	290	121	530 J	356		505
	Mercury*	MG/KG	2		R			0.0568 U		R		0.07	0.092 U
	Nickel*	MG/KG	40.2		12.6		12.9	16.7	10.6	38.1 J	49.7	16.9	50.1
	Selenium	MG/KG			1.4 U		1.36 U	1.72 U	1.52 U	4.03 J	2.43 U		2.79 U
	Silver	MG/KG	3.93		1.4 U		1.36 U	1.72 U	1.52 U	R	7.61	0.5 U	4.22
	Zinc*	MG/KG	551		47.1		48	73.9	121	297 J	544	62.7	439
Average ERM-Q (8 Metals)	NA	1.02		0.10		0.10	0.12	0.23	0.59	1.66	0.12	1.04	
Cyanide	Cyanide, Total	MG/KG					0.861 U	0.762 UJ	R	1.21 UJ		1.39 U	1.02 UJ
PAHs	Acenaphthene	MG/KG	0.14								0.01 U		
	Acenaphthylene	MG/KG	0.25								0.01 U		
	Anthracene	MG/KG	0.43								0.012		
	Benzo(a)anthracene	MG/KG	1.4								0.061		
	Benzo(a)pyrene	MG/KG	1.3								0.065		
	Benzo(b)fluoranthene	MG/KG	1.3								0.052		
	Benzo(ghi)perylene	MG/KG	0.77								0.039		
	Benzo(k)fluoranthene	MG/KG	1.1								0.053		
	Chrysene	MG/KG	1.8								0.064		
	Dibenz(a,h)anthracene	MG/KG	0.17								0.012		
	Fluoranthene	MG/KG	2.7								0.11		
	Fluorene	MG/KG	0.3								0.01 U		
	Indeno(1,2,3-cd)pyrene	MG/KG	0.74								0.037		
	Naphthalene	MG/KG	0.22 J								0.01 U		
	Phenanthrene	MG/KG	2								0.038		
Pyrene	MG/KG	3								0.12			

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-L3 SD14TFL303FSH 4/2/15 3 - 4	SD2014-TF-L4 SD14TFL400FS 5/1/14 0 - 0.5	SD2014-TF-L4 SD14TFL401FS 5/1/14 1 - 2	SD2014-TF-L5 SD14TFL500FS 5/1/14 0 - 0.5	SD2014-TF-L5 SD14TFL501FS 5/1/14 1 - 2	SD2014-TF-ZA45 SD14TFZA4500FS 4/22/14 0 - 0.5	SD2014-TF-ZA45 SD14TFZA4501FS 4/22/14 1 - 2	SD2014-TF-ZA45 SD14TFZA4502FS 4/6/15 5 - 6	SD2014-TF-ZA56 SD14TFZA5600FS 4/22/14 0 - 0.5	SD2014-TF-ZA56 SD14TFZA5601FS 4/22/14 1 - 2						
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual						
PCB Congeners	CI10-BZ#209	MG/KG	0.01 U								0.0002 U							
	CI2-BZ#8	MG/KG	0.0002 U								0.0002 U							
	CI3-BZ#18	MG/KG	0.0045								0.0002 U							
	CI3-BZ#28	MG/KG	0.0017								0.0002 U							
	CI4-BZ#44	MG/KG	0.016								0.0002 U							
	CI4-BZ#49	MG/KG	0.013								0.0002 U							
	CI4-BZ#52	MG/KG	0.021								0.0002 U							
	CI4-BZ#66	MG/KG	0.0087								0.0002 U							
	CI4-BZ#77	MG/KG	0.004								0.0002 U							
	CI5-BZ#101	MG/KG	0.04								0.0002 U							
	CI5-BZ#105	MG/KG	0.029								0.0002 U							
	CI5-BZ#118	MG/KG	0.021								0.0002 U							
	CI5-BZ#126	MG/KG	0.002 U								0.0002 U							
	CI5-BZ#128	MG/KG	0.011 U								0.0002 U							
	CI5-BZ#87	MG/KG	0.0091								0.0002 U							
	CI6-BZ#138	MG/KG	0.039 U								0.0002 U							
	CI6-BZ#153	MG/KG	0.063								0.0002 U							
	CI6-BZ#170	MG/KG	0.023 U								0.0002 U							
	CI7-BZ#180	MG/KG	0.038 U								0.0002 U							
	CI7-BZ#183	MG/KG	0.017 U								0.0002 U							
CI7-BZ#184	MG/KG	0.0058								0.0002 U								
CI7-BZ#187	MG/KG	0.031 U								0.0002 U								
CI8-BZ#195	MG/KG	0.0094 U								0.0002 U								
CI9-BZ#206	MG/KG	0.022 U								0.0002 U								
SVOCs	3 & 4 Methylphenol	MG/KG				0.431 U		0.381 U		R	0.606 U		0.697 U		0.507 U			
	Acenaphthene	MG/KG				0.0431 UJ		0.0236		R	0.0606 U		0.0279 UJ		0.0203 U			
	Acenaphthylene	MG/KG				0.0431 UJ		0.0663		R	0.0757		0.0418 J		0.0264			
	Anthracene	MG/KG				0.0431 U		0.0709		R	0.0606 U		0.0753		0.0203 U			
	Benzo(a)anthracene	MG/KG				0.0431 U		0.3		0.0621 J	0.245		0.13		0.0852			
	Benzo(a)pyrene	MG/KG				0.0431 U		0.242		0.0749 J	0.227		0.172		0.0913			
	Benzo(b)fluoranthene	MG/KG				0.0431 U		0.213		0.0384 J	0.309		0.149		0.0599			
	Benzo(ghi)perylene	MG/KG				0.0431 U		0.134		0.0475 J	0.142		0.102		0.0609			
	Benzo(k)fluoranthene	MG/KG				0.0431 U		0.175		0.0713 J	0.191		0.158		0.0619			
	Bis(2-Ethylhexyl)phthalate	MG/KG				0.431 U		0.381 U		R	0.606 U		0.697 U		0.507 U			
	Carbazole	MG/KG				0.431 U		0.381 U		R	0.606 U		0.697 U		0.507 U			
	Chrysene	MG/KG				0.0431 U		0.194		0.0713 J	0.209		0.148		0.069			
	Dibenz(a,h)anthracene	MG/KG				0.0431 U		0.0747		R	0.0606		0.0432		0.0264			
	Fluoranthene	MG/KG				0.0495		0.358		0.17 J	0.4		0.293		0.121			
	Fluorene	MG/KG				0.0431 U		0.0434		R	0.0606 U		0.0279 U		0.0203 U			
	Indeno(1,2,3-cd)pyrene	MG/KG				0.0431 U		0.145		0.0439 J	0.139		0.0906		0.0568			
	Naphthalene	MG/KG				R		0.0274		R	0.0606 U		R		0.0203 U			
Phenanthrene	MG/KG				0.0431 U		0.276		0.0804 J	0.215		0.146		0.0517				
Pyrene	MG/KG				0.0431 U		0.369		0.15 J	0.448		0.296		0.14				
TOC	Total Organic Carbon	MG/KG	3,700			26,300		8,050 J		55,500		46,000 J		25,000		44,500		28,100 J
Solids	Percent Solids	PERCENT		71.6	73.4	58.1	65.6	27.4	41.2		35.9	49.2						

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-ZA56 SD14TFZA5603FS 4/6/15 6 - 7	SD2014-TF-ZA67 SD14TFZA6700FS 4/23/14 0 - 0.5	SD2014-TF-ZA67 SD14TFZA6701FS 4/23/14 1 - 2	SD2015-TF-A01 SD15TFA0103FS 4/6/15 3 - 4	SD2015-TF-A01 SD15TFA0105FS 4/6/15 5 - 6	SD2015-TF-AB1 SD15TFAB103FS 4/6/15 3 - 4	SD2015-TF-AB1 SD15TFAB105FS 4/6/15 5 - 6	SD2015-TF-AB1 SD15TFAB107FS 4/6/15 7 - 8	SD2015-TF-AB12 SD15TFAB1203FS 4/6/15 3 - 4	SD2015-TF-AB12 SD15TFAB1205FS 4/6/15 5 - 6
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.025 U	0.0506 U	0.0472 UJ	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.024 U	0.025 U
	Aroclor-1232	MG/KG	0.025 U	0.0506 U	0.0472 UJ	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.024 U	0.025 U
	Aroclor-1242	MG/KG	0.025 U	0.0506 U	0.0472 UJ	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.024 U	0.025 U
	Aroclor-1248	MG/KG	0.025 U	0.0506 U	0.0472 UJ	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.024 U	0.025 U
	Aroclor-1254	MG/KG	0.025 U	0.0506 U	0.0472 UJ	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.024 U	0.025 U
	Aroclor-1260	MG/KG	0.025 U	0.0506 U	0.0472 UJ	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.024 U	0.025 U
	Aroclor-1262	MG/KG	0.025 U	0.0506 U	0.0472 UJ	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.024 U	0.025 U
	Aroclor-1268	MG/KG	0.025 U	0.0506 U	0.0472 UJ	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.024 U	0.025 U
	Total Aroclors (CALC)	MG/KG	0.025 U	0.0506 U	0.0472 UJ	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.024 U	0.025 U
PCB Homologs	Cl10-BZ#209	MG/KG		0.0506 U	0.0472 U							
	Decachlorobiphenyl (total)	MG/KG	0.0005 U			0.0005 U	0.0005 U	0.00051 U	0.00049 U	0.0005 U	0.0005 U	0.0005 U
	Dichlorobiphenyl (total)	MG/KG	0.0024 U	0.0101 U	0.00944 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0023 U	0.0024 U
	Heptachlorobiphenyl (total)	MG/KG	0.0036 U	0.0304 U	0.0283 U	0.0036 U	0.0035 U	0.0036 U	0.0036 U	0.0036 U	0.0035 U	0.0036 U
	Hexachlorobiphenyl (total)	MG/KG	0.0042 U	0.0202 U	0.0189 U	0.0042 U	0.0041 U	0.0043 U	0.0041 U	0.0042 U	0.0041 U	0.0042 U
	Monochlorobiphenyl (total)	MG/KG	0.0009 U	0.0101 U	0.00944 U	0.0009 U	0.0009 U	0.00091 U	0.00089 U	0.0009 U	0.0009 U	0.0009 U
	Nonachlorobiphenyl (total)	MG/KG	0.0009 U	0.0506 U	0.0472 U	0.0009 U	0.0009 U	0.00091 U	0.00089 U	0.0009 U	0.0009 U	0.0009 U
	Octachlorobiphenyl (total)	MG/KG	0.0024 U	0.0304 U	0.0283 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0023 U	0.0024 U
	Pentachlorobiphenyl (total)	MG/KG	0.0046 U	0.0202 U	0.0189 U	0.0046 U	0.0045 U	0.0047 U	0.0045 U	0.0046 U	0.0045 U	0.0047 U
	Tetrachlorobiphenyl (total)	MG/KG	0.0042 U	0.0202 U	0.0189 U	0.0042 U	0.0041 U	0.0043 U	0.0041 U	0.0042 U	0.0041 U	0.0042 U
	Trichlorobiphenyl (total)	MG/KG	0.0024 U	0.0101 U	0.00944 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0023 U	0.0024 U
Total Homolog (PCBs)	MG/KG	0.030 U	0.126 U	0.118 U	0.030 U	0.029 U	0.030 U	0.030 U	0.030 U	0.029 U	0.030 U	
Metals	Antimony	MG/KG		2.02 U	1.89 U							
	Arsenic*	MG/KG	6.93	8.17	11.4	7	8.53	6.33	5.96	7.46	7.09	9
	Cadmium*	MG/KG	0.5 U	2.2	2.29	0.5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.6
	Chromium*	MG/KG	27	276	229	23	27	25	23	24	27	31
	Copper*	MG/KG	22	703	2,140	12	18	12	12	12	13	18
	Lead*	MG/KG	11	110	208	6.89	6.64	7.04	7.04	6.68	8.36	10.5
	Manganese	MG/KG		412	377							
	Mercury*	MG/KG	0.05 U	0.0668 U		0.05 U	0.05 U	0.05 U	0.06	0.05 U	0.05 U	0.05 U
	Nickel*	MG/KG	20	44.2	49.5	16.7	15.8	18.2	17.6	17.7	19.5	23.8
	Selenium	MG/KG		2.02 U	1.89 U							
	Silver	MG/KG	0.5 U	3.05	1.89 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Zinc*	MG/KG	68	428	925	61.3	64.8	62.1	62.7	60.8	68.3	81.2	
Average ERM-Q (8 Metals)	NA	0.13	0.87	1.67	0.11	0.12	0.12	0.11	0.12	0.12	0.15	
Cyanide	Cyanide, Total	MG/KG		1.01 U	0.944 UJ							
PAHs	Acenaphthene	MG/KG						0.01 U	0.01 U	0.01 U		
	Acenaphthylene	MG/KG						0.01 U	0.01 U	0.01 U		
	Anthracene	MG/KG						0.01 U	0.01 U	0.01 U		
	Benzo(a)anthracene	MG/KG						0.01 U	0.01 U	0.01 U		
	Benzo(a)pyrene	MG/KG						0.01 U	0.01 U	0.01 U		
	Benzo(b)fluoranthene	MG/KG						0.01 U	0.01 U	0.01 U		
	Benzo(ghi)perylene	MG/KG						0.01 U	0.01 U	0.01 U		
	Benzo(k)fluoranthene	MG/KG						0.01 U	0.01 U	0.01 U		
	Chrysene	MG/KG						0.01 U	0.01 U	0.01 U		
	Dibenz(a,h)anthracene	MG/KG						0.01 U	0.01 U	0.01 U		
	Fluoranthene	MG/KG						0.01 U	0.01 U	0.006 J		
	Fluorene	MG/KG						0.01 U	0.01 U	0.01 U		
	Indeno(1,2,3-cd)pyrene	MG/KG						0.01 U	0.01 U	0.01 U		
	Naphthalene	MG/KG						0.01 U	0.01 U	0.01 U		
	Phenanthrene	MG/KG						0.006 J	0.008 J	0.01 J		
Pyrene	MG/KG						0.01 U	0.01 U	0.006 J			

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-TF-ZA56 SD14TFZA5603FS 4/6/15 6 - 7	SD2014-TF-ZA67 SD14TFZA6700FS 4/23/14 0 - 0.5	SD2014-TF-ZA67 SD14TFZA6701FS 4/23/14 1 - 2	SD2015-TF-A01 SD15TFA0103FS 4/6/15 3 - 4	SD2015-TF-A01 SD15TFA0105FS 4/6/15 5 - 6	SD2015-TF-AB1 SD15TFAB103FS 4/6/15 3 - 4	SD2015-TF-AB1 SD15TFAB105FS 4/6/15 5 - 6	SD2015-TF-AB1 SD15TFAB107FS 4/6/15 7 - 8	SD2015-TF-AB12 SD15TFAB1203FS 4/6/15 3 - 4	SD2015-TF-AB12 SD15TFAB1205FS 4/6/15 5 - 6
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Congeners	CI10-BZ#209	MG/KG							0.0002 U	0.0001 U	0.0001 U	
	CI2-BZ#8	MG/KG							0.0002 U	0.0001 U	0.0001 U	
	CI3-BZ#18	MG/KG							0.0002 U	0.0001 U	0.0001 U	
	CI3-BZ#28	MG/KG							0.0002 U	0.0001 U	0.0001 U	
	CI4-BZ#44	MG/KG							0.00015 J	0.0001 U	0.0001 U	
	CI4-BZ#49	MG/KG							0.0002 U	0.0001 U	0.0001 U	
	CI4-BZ#52	MG/KG							0.0002 U	0.0001 U	0.00009 J	
	CI4-BZ#66	MG/KG							0.0002 U	0.0001 U	0.0001 U	
	CI4-BZ#77	MG/KG							0.0002 U	0.0001 U	0.0001 U	
	CI5-BZ#101	MG/KG							0.0002 U	0.0001 U	0.00009 J	
	CI5-BZ#105	MG/KG							0.0002 U	0.0001 U	0.0001 U	
	CI5-BZ#118	MG/KG							0.0002 U	0.0001 U	0.0001 U	
	CI5-BZ#126	MG/KG							0.0002 U	0.0001 U	0.0001 U	
	CI5-BZ#128	MG/KG							0.0002 U	0.0001 U	0.0001 U	
	CI5-BZ#87	MG/KG							0.0002 U	0.0001 U	0.0001 U	
	CI6-BZ#138	MG/KG							0.0002 U	0.0001 U	0.0001 U	
	CI6-BZ#153	MG/KG							0.0002 U	0.0001 U	0.00008 J	
	CI6-BZ#170	MG/KG							0.0002 U	0.0001 U	0.0001 U	
	CI7-BZ#180	MG/KG							0.0002 U	0.0001 U	0.0001 U	
	CI7-BZ#183	MG/KG							0.0002 U	0.0001 U	0.0001 U	
CI7-BZ#184	MG/KG							0.0002 U	0.0001 U	0.0001 U		
CI7-BZ#187	MG/KG							0.0002 U	0.0001 U	0.0001 U		
CI8-BZ#195	MG/KG							0.0002 U	0.0001 U	0.0001 U		
CI9-BZ#206	MG/KG							0.0002 U	0.0001 U	0.0001 U		
SVOCs	3 & 4 Methylphenol	MG/KG		0.506 U	0.472 U							
	Acenaphthene	MG/KG		0.101 UJ	0.0189 U							
	Acenaphthylene	MG/KG		0.101 UJ	0.0387							
	Anthracene	MG/KG		0.101 U	0.0189							
	Benzo(a)anthracene	MG/KG		0.137	0.11							
	Benzo(a)pyrene	MG/KG		0.121	0.107							
	Benzo(b)fluoranthene	MG/KG		0.101 U	0.0718							
	Benzo(ghi)perylene	MG/KG		0.101 U	0.0586							
	Benzo(k)fluoranthene	MG/KG		0.116	0.0803							
	Bis(2-Ethylhexyl)phthalate	MG/KG		0.506 U	0.472 UJ							
	Carbazole	MG/KG		0.506 U	0.472 UJ							
	Chrysene	MG/KG		0.126	0.0888							
	Dibenz(a,h)anthracene	MG/KG		0.101 U	0.0302							
	Fluoranthene	MG/KG		0.197	0.157							
	Fluorene	MG/KG		0.101 U	0.0189 U							
	Indeno(1,2,3-cd)pyrene	MG/KG		0.101 U	0.0614							
	Naphthalene	MG/KG		R	0.0189 UJ							
Phenanthrene	MG/KG		0.101 U	0.068								
Pyrene	MG/KG		0.243	0.167								
TOC	Total Organic Carbon	MG/KG		32,700	29,600 J			26,000	28,000	30,000		
Solids	Percent Solids	PERCENT		49.4	52.9							

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2015-TF-AB12 SD15TFAB1207FS 4/6/15 7 - 8	SD2015-TF-B12 SD15TFB1203FS 4/3/15 3 - 4	SD2015-TF-B12 SD15TFB1205FS 4/3/15 5 - 6	SD2015-TF-B12 SD15TFB1207FS 4/3/15 7 - 8	SD2015-TF-D0 SD15TFD003FS 4/3/15 3 - 4	SD2015-TF-D0 SD15TFD005FS 4/3/15 5 - 6	SD2015-TF-D0 SD15TFD007FS 4/3/15 7 - 8	SD2015-TF-DE01 SD15TFDE0103FS 4/3/15 3 - 4	SD2015-TF-DE01 SD15TFDE0105FS 4/3/15 5 - 6	SD2015-TF-DE01 SD15TFDE0107FS 4/3/15 7 - 8
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.025 U	0.025 U	0.025 U	0.025 U	0.035	0.025 U	0.25	0.026 U	0.026 U	0.025 U
	Aroclor-1232	MG/KG	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.14	0.026 U	0.026 U	0.025 U
	Aroclor-1242	MG/KG	0.025 U	0.025 U	0.025 U	0.025 U	0.073	0.085	1.7	0.026 U	0.026 U	0.025 U
	Aroclor-1248	MG/KG	0.025 U	0.025 U	0.025 U	0.025 U	0.51	0.052	1.1	0.026 U	0.026 U	0.025 U
	Aroclor-1254	MG/KG	0.025 U	0.025 U	0.025 U	0.025 U	0.089	0.025 U	0.039	0.026 U	0.026 U	0.025 U
	Aroclor-1260	MG/KG	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.054	0.026 U	0.026 U	0.025 U
	Aroclor-1262	MG/KG	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.036	0.026 U	0.026 U	0.025 U
	Aroclor-1268	MG/KG	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.026 U	0.026 U	0.025 U
	Total Aroclors (CALC)	MG/KG	0.025 U	0.025 U	0.025 U	0.025 U	0.707	0.137	3.319	0.026 U	0.026 U	0.025 U
PCB Homologs	Cl10-BZ#209	MG/KG										
	Decachlorobiphenyl (total)	MG/KG	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.00051 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	Dichlorobiphenyl (total)	MG/KG	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0046	0.0024 U	0.019	0.0025 U	0.0025 U	0.0024 U
	Heptachlorobiphenyl (total)	MG/KG	0.0036 U	0.0037 U	0.0036 U	0.0036 U	0.01	0.0036 U	0.023	0.0037 U	0.0037 U	0.0035 U
	Hexachlorobiphenyl (total)	MG/KG	0.0042 U	0.0043 U	0.0042 U	0.0042 U	0.017	0.0042 U	0.042	0.0043 U	0.0043 U	0.0041 U
	Monochlorobiphenyl (total)	MG/KG	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.00091 U	0.00091 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U
	Nonachlorobiphenyl (total)	MG/KG	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.00091 U	0.00091 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U
	Octachlorobiphenyl (total)	MG/KG	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0042	0.0024 U	0.0081	0.0025 U	0.0025 U	0.0024 U
	Pentachlorobiphenyl (total)	MG/KG	0.0045 U	0.0047 U	0.0046 U	0.0046 U	0.12	0.022	0.29	0.0047 U	0.0047 U	0.0045 U
	Tetrachlorobiphenyl (total)	MG/KG	0.0042 U	0.0043 U	0.0042 U	0.0055	0.41	0.068	0.9	0.0043 U	0.0043 U	0.0041 U
	Trichlorobiphenyl (total)	MG/KG	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.2	0.04	0.48	0.0025 U	0.0025 U	0.0024 U
Total Homolog (PCBs)	MG/KG	0.030 U	0.030 U	0.030 U	0.030 U	0.770	0.140	1.800	0.031 U	0.031 U	0.029 U	
Metals	Antimony	MG/KG										
	Arsenic*	MG/KG	8.11	5.98	6.07	8.15	5.64	5.97	6.6	5.58	6.55	6.94
	Cadmium*	MG/KG	0.51	0.5 U	0.5 U	0.65	0.5 U	0.5 U	0.6	0.5 U	0.5 U	0.6
	Chromium*	MG/KG	26	26	24	29	27	27	33	22 J	24 J	27 J
	Copper*	MG/KG	13	14	13	16	20	11	19	10	13	15
	Lead*	MG/KG	7.87	7.99	7.5	9.56	8.64	7.7	9.6	6.18	7.53	8.72
	Manganese	MG/KG										
	Mercury*	MG/KG	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
	Nickel*	MG/KG	19.3	19.5	18.8	22.3	21.3	19.7	28.5	15.9	18	20.4
	Selenium	MG/KG										
	Silver	MG/KG	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Zinc*	MG/KG	67.5	68.8	65.8	74.1	59.5	62.6	74.3	53.5	61.1	65.8	
Average ERM-Q (8 Metals)	NA	0.12	0.12	0.12	0.14	0.13	0.12	0.15	0.10	0.12	0.13	
Cyanide	Cyanide, Total	MG/KG										
PAHs	Acenaphthene	MG/KG								0.01 U	0.01 U	0.01 U
	Acenaphthylene	MG/KG								0.01 U	0.01 U	0.01 U
	Anthracene	MG/KG								0.01 U	0.01 U	0.01 U
	Benzo(a)anthracene	MG/KG								0.01 U	0.01 U	0.01 U
	Benzo(a)pyrene	MG/KG								0.01 U	0.01 U	0.01 U
	Benzo(b)fluoranthene	MG/KG								0.01 U	0.01 U	0.01 U
	Benzo(ghi)perylene	MG/KG								0.01 U	0.01 U	0.01 U
	Benzo(k)fluoranthene	MG/KG								0.01 U	0.01 U	0.01 U
	Chrysene	MG/KG								0.01 U	0.01 U	0.01 U
	Dibenz(a,h)anthracene	MG/KG								0.01 U	0.01 U	0.01 U
	Fluoranthene	MG/KG								0.01 U	0.01 U	0.01 U
	Fluorene	MG/KG								0.01 U	0.01 U	0.01 U
	Indeno(1,2,3-cd)pyrene	MG/KG								0.01 U	0.01 U	0.01 U
	Naphthalene	MG/KG								0.01 U	0.01 U	0.01 U
	Phenanthrene	MG/KG								0.01 U	0.01 U	0.01 U
Pyrene	MG/KG								0.01 U	0.01 U	0.01 U	

**TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

			SD2015-TF-AB12 SD15TFAB1207FS 4/6/15 7 - 8		SD2015-TF-B12 SD15TFB1203FS 4/3/15 3 - 4		SD2015-TF-B12 SD15TFB1205FS 4/3/15 5 - 6		SD2015-TF-B12 SD15TFB1207FS 4/3/15 7 - 8		SD2015-TF-D0 SD15TFD003FS 4/3/15 3 - 4		SD2015-TF-D0 SD15TFD005FS 4/3/15 5 - 6		SD2015-TF-D0 SD15TFD007FS 4/3/15 7 - 8		SD2015-TF-DE01 SD15TFDE0103FS 4/3/15 3 - 4		SD2015-TF-DE01 SD15TFDE0105FS 4/3/15 5 - 6		SD2015-TF-DE01 SD15TFDE0107FS 4/3/15 7 - 8	
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Congeners	CI10-BZ#209	MG/KG																0.0001 U	0.0001 U	0.0001 U		
	CI2-BZ#8	MG/KG																0.0001 U	0.0001 U	0.0001 U		
	CI3-BZ#18	MG/KG																0.0001 U	0.0001 U	0.0001 U		
	CI3-BZ#28	MG/KG																0.00018	0.00018	0.0001 U		
	CI4-BZ#44	MG/KG																0.00022	0.00021	0.0001 U		
	CI4-BZ#49	MG/KG																0.00017	0.00017	0.0001 U		
	CI4-BZ#52	MG/KG																0.00031	0.00031	0.00015		
	CI4-BZ#66	MG/KG																0.00015	0.00014	0.0001 U		
	CI4-BZ#77	MG/KG																0.0001 U	0.0001 U	0.0001 U		
	CI5-BZ#101	MG/KG																0.00022	0.00022	0.0001 U		
	CI5-BZ#105	MG/KG																0.0001 U	0.0001 U	0.0001 U		
	CI5-BZ#118	MG/KG																0.0001 J	0.0001 J	0.0001 U		
	CI5-BZ#126	MG/KG																0.0001 U	0.0001 U	0.0001 U		
	CI5-BZ#128	MG/KG																0.0001 U	0.0001 U	0.0001 U		
	CI5-BZ#87	MG/KG																0.0001 J	0.00009 J	0.0001 U		
	CI6-BZ#138	MG/KG																0.00012	0.00012	0.0001 U		
	CI6-BZ#153	MG/KG																0.00009 J	0.00009 J	0.0001 U		
	CI6-BZ#170	MG/KG																0.0001 U	0.0001 U	0.0001 U		
	CI7-BZ#180	MG/KG																0.0001 U	0.0001 U	0.0001 U		
	CI7-BZ#183	MG/KG																0.0001 U	0.0001 U	0.0001 U		
CI7-BZ#184	MG/KG																0.0001 U	0.0001 U	0.0001 U			
CI7-BZ#187	MG/KG																0.0001 U	0.0001 U	0.0001 U			
CI8-BZ#195	MG/KG																0.0001 U	0.0001 U	0.0001 U			
CI9-BZ#206	MG/KG																0.0001 U	0.0001 U	0.0001 U			
SVOCs	3 & 4 Methylphenol	MG/KG																				
	Acenaphthene	MG/KG																				
	Acenaphthylene	MG/KG																				
	Anthracene	MG/KG																				
	Benzo(a)anthracene	MG/KG																				
	Benzo(a)pyrene	MG/KG																				
	Benzo(b)fluoranthene	MG/KG																				
	Benzo(ghi)perylene	MG/KG																				
	Benzo(k)fluoranthene	MG/KG																				
	Bis(2-Ethylhexyl)phthalate	MG/KG																				
	Carbazole	MG/KG																				
	Chrysene	MG/KG																				
	Dibenz(a,h)anthracene	MG/KG																				
	Fluoranthene	MG/KG																				
	Fluorene	MG/KG																				
	Indeno(1,2,3-cd)pyrene	MG/KG																				
Naphthalene	MG/KG																					
Phenanthrene	MG/KG																					
Pyrene	MG/KG																					
TOC	Total Organic Carbon	MG/KG																26,000	24,000	30,000		
Solids	Percent Solids	PERCENT																				

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2015-TF-E0 SD15TFE003FS 4/3/15 3 - 4	SD2015-TF-E0 SD15TFE005FS 4/3/15 5 - 6	SD2015-TF-E7 SD15TFE700FS 4/2/15 0 - 0.5	SD2015-TF-E7 SD15TFE701FS 4/2/15 1 - 2	SD2015-TF-E7 SD15TFE702FS 4/2/15 2 - 3	SD2015-TF-E7 SD15TFE703FSH 4/2/15 3 - 4	SD2015-TF-EF01 SD15TFEF0103FS 4/3/15 3 - 4	SD2015-TF-EF01 SD15TFEF0105FS 4/3/15 5 - 6	SD2015-TF-EF01 SD15TFEF0107FS 4/3/15 7 - 8	SD2015-TF-EF1 SD15TFEF103FS 4/3/15 3 - 4
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.025 U	0.025 U	0.04	0.066	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	Aroclor-1232	MG/KG	0.025 U	0.025 U	0.025 U	0.026 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	Aroclor-1242	MG/KG	0.025 U	0.025 U	0.025 U	0.026 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	Aroclor-1248	MG/KG	0.025 U	0.025 U	0.069	0.13	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	Aroclor-1254	MG/KG	0.025 U	0.025 U	0.093	0.18	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	Aroclor-1260	MG/KG	0.025 U	0.025 U	0.16	0.17	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	Aroclor-1262	MG/KG	0.025 U	0.025 U	0.074	0.081	0.042	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	Aroclor-1268	MG/KG	0.025 U	0.025 U	0.025 U	0.026 U	0.14	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	Total Aroclors (CALC)	MG/KG	0.025 U	0.025 U	0.436	0.627	0.182	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
PCB Homologs	Cl10-BZ#209	MG/KG										
	Decachlorobiphenyl (total)	MG/KG	0.0005 U	0.0005 U	0.002	0.0028	0.032	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	Dichlorobiphenyl (total)	MG/KG	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U
	Heptachlorobiphenyl (total)	MG/KG	0.0036 U	0.0035 U	0.069	0.058	0.053	0.0036 U	0.0037 U	0.0036 U	0.0036 U	0.0037 U
	Hexachlorobiphenyl (total)	MG/KG	0.0042 U	0.0041 U	0.096	0.1	0.032	0.0042 U	0.0043 U	0.0042 U	0.0042 U	0.0043 U
	Monochlorobiphenyl (total)	MG/KG	0.0009 U	0.0009 U	0.00091 UJ	0.00092 UJ	0.00088 UJ	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U
	Nonachlorobiphenyl (total)	MG/KG	0.0009 U	0.0009 U	0.014	0.013	0.084	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U
	Octachlorobiphenyl (total)	MG/KG	0.0024 U	0.0024 U	0.041	0.033	0.1	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U
	Pentachlorobiphenyl (total)	MG/KG	0.0046 U	0.0045 U	0.16 J	0.18 J	0.0059 J	0.0046 UJ	0.0047 U	0.0045 U	0.0047 U	0.0047 U
	Tetrachlorobiphenyl (total)	MG/KG	0.0042 U	0.0041 U	0.17	0.23	0.0041 U	0.0042 U	0.0043 U	0.0042 U	0.0042 U	0.0043 U
	Trichlorobiphenyl (total)	MG/KG	0.0024 U	0.0024 U	0.066	0.077	0.0052	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U
Total Homolog (PCBs)	MG/KG	0.030 U	0.030 U	0.620	0.690	0.320	0.030 U	0.031 U	0.030 U	0.030 U	0.031 U	
Metals	Antimony	MG/KG										
	Arsenic*	MG/KG	5.67	6.17	9.02	7.45	11.2	15.3	5.28	6.09	8	5.68
	Cadmium*	MG/KG	0.5 U	0.5 U	2.17	2.87	3.67	3.72	0.5 U	0.5 U	0.66	0.5 U
	Chromium*	MG/KG	21	25	192 J	357 J	555 J	400	22	24	30	23
	Copper*	MG/KG	10	13	443	861	2,260	2,400	9	12	16	11
	Lead*	MG/KG	6.57	7.66	106	92	179	307	5.96	7.35	9.74	6.77
	Manganese	MG/KG										
	Mercury*	MG/KG	0.05 U	0.05 U	0.48	0.57	3.64	8.17	0.05 U	0.05 U	0.05 U	0.05 U
	Nickel*	MG/KG	15.4	18.5	43.7	36.7	44.4	45.8	16.2	18.6	22.6	16.5
	Selenium	MG/KG										
	Silver	MG/KG	0.5 U	0.5 U	3.05	2.73	1.28	1.88	0.5 U	0.5 U	0.5 U	0.5 U
Zinc*	MG/KG	52.9	66.2	305	536	856	1540	56.1	67.7	75.2	56.5	
Average ERM-Q (8 Metals)	NA	0.10	0.12	0.68	2.18	1.82	2.14	0.10	0.12	0.14	0.11	
Cyanide	Cyanide, Total	MG/KG										
PAHs	Acenaphthene	MG/KG										
	Acenaphthylene	MG/KG										
	Anthracene	MG/KG										
	Benzo(a)anthracene	MG/KG										
	Benzo(a)pyrene	MG/KG										
	Benzo(b)fluoranthene	MG/KG										
	Benzo(ghi)perylene	MG/KG										
	Benzo(k)fluoranthene	MG/KG										
	Chrysene	MG/KG										
	Dibenz(a,h)anthracene	MG/KG										
	Fluoranthene	MG/KG										
	Fluorene	MG/KG										
	Indeno(1,2,3-cd)pyrene	MG/KG										
	Naphthalene	MG/KG										
	Phenanthrene	MG/KG										
Pyrene	MG/KG											

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2015-TF-E0 SD15TFE003FS 4/3/15 3 - 4		SD2015-TF-E0 SD15TFE005FS 4/3/15 5 - 6		SD2015-TF-E7 SD15TFE700FS 4/2/15 0 - 0.5		SD2015-TF-E7 SD15TFE701FS 4/2/15 1 - 2		SD2015-TF-E7 SD15TFE702FS 4/2/15 2 - 3		SD2015-TF-E7 SD15TFE703FSH 4/2/15 3 - 4		SD2015-TF-EF01 SD15TFEF0103FS 4/3/15 3 - 4		SD2015-TF-EF01 SD15TFEF0105FS 4/3/15 5 - 6		SD2015-TF-EF01 SD15TFEF0107FS 4/3/15 7 - 8		SD2015-TF-EF1 SD15TFEF103FS 4/3/15 3 - 4			
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
PCB Congeners	CI10-BZ#209	MG/KG																						
	CI2-BZ#8	MG/KG																						
	CI3-BZ#18	MG/KG																						
	CI3-BZ#28	MG/KG																						
	CI4-BZ#44	MG/KG																						
	CI4-BZ#49	MG/KG																						
	CI4-BZ#52	MG/KG																						
	CI4-BZ#66	MG/KG																						
	CI4-BZ#77	MG/KG																						
	CI5-BZ#101	MG/KG																						
	CI5-BZ#105	MG/KG																						
	CI5-BZ#118	MG/KG																						
	CI5-BZ#126	MG/KG																						
	CI5-BZ#128	MG/KG																						
	CI5-BZ#87	MG/KG																						
	CI6-BZ#138	MG/KG																						
	CI6-BZ#153	MG/KG																						
	CI6-BZ#170	MG/KG																						
	CI7-BZ#180	MG/KG																						
CI7-BZ#183	MG/KG																							
CI7-BZ#184	MG/KG																							
CI7-BZ#187	MG/KG																							
CI8-BZ#195	MG/KG																							
CI9-BZ#206	MG/KG																							
SVOCs	3 & 4 Methylphenol	MG/KG																						
	Acenaphthene	MG/KG																						
	Acenaphthylene	MG/KG																						
	Anthracene	MG/KG																						
	Benzo(a)anthracene	MG/KG																						
	Benzo(a)pyrene	MG/KG																						
	Benzo(b)fluoranthene	MG/KG																						
	Benzo(ghi)perylene	MG/KG																						
	Benzo(k)fluoranthene	MG/KG																						
	Bis(2-Ethylhexyl)phthalate	MG/KG																						
	Carbazole	MG/KG																						
	Chrysene	MG/KG																						
	Dibenz(a,h)anthracene	MG/KG																						
	Fluoranthene	MG/KG																						
	Fluorene	MG/KG																						
Indeno(1,2,3-cd)pyrene	MG/KG																							
Naphthalene	MG/KG																							
Phenanthrene	MG/KG																							
Pyrene	MG/KG																							
TOC	Total Organic Carbon	MG/KG																						
Solids	Percent Solids	PERCENT																						

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2015-TF-EF1 SD15TFEF105FS 4/3/15 5 - 6	SD2015-TF-F7 SD15TF700FS 4/3/15 0 - 0.5	SD2015-TF-F7 SD15TF701FS 4/3/15 1 - 2	SD2015-TF-F7 SD15TF702FS 4/3/15 2 - 3	SD2015-TF-G6 SD15TFG600FS 4/2/15 0 - 0.5	SD2015-TF-G6 SD15TFG601FS 4/2/15 1 - 2	SD2015-TF-G6 SD15TFG602FS 4/2/15 2 - 3	SD2015-TF-G7 SD15TFG700FS 4/6/15 0 - 0.5	SD2015-TF-G7 SD15TFG702FS 4/6/15 2 - 3	SD2015-TF-GH12 SD15TFGH1203FS 4/2/15 3 - 4
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.025 U	0.025 U	0.025 U	0.025 U	0.026 U	0.025 U	0.025 U	0.025 U	0.024 U	0.026 U
	Aroclor-1232	MG/KG	0.025 U	0.025 U	0.025 U	0.025 U	0.026 U	0.025 U	0.025 U	0.025 U	0.024 U	0.026 U
	Aroclor-1242	MG/KG	0.025 U	0.025 U	0.025 U	0.025 U	0.026 U	0.025 U	0.048	0.025 U	0.024 U	0.026 U
	Aroclor-1248	MG/KG	0.025 U	0.025 U	0.025 U	0.025 U	0.072	0.025 U	0.2	0.025 U	0.024 U	0.026 UJ
	Aroclor-1254	MG/KG	0.025 U	0.025 U	0.025 U	0.025 U	0.064	0.035	0.047	0.025 U	0.024 U	0.19
	Aroclor-1260	MG/KG	0.025 U	0.025 U	0.025 U	0.025 U	0.048	0.082	0.14	0.025 U	0.024 U	0.7
	Aroclor-1262	MG/KG	0.025 U	0.025 U	0.025 U	0.025 U	0.036	0.025 U	0.093	0.025 U	0.024 U	0.58
	Aroclor-1268	MG/KG	0.025 U	0.025 U	0.025 U	0.025 U	0.026 U	0.025 U	0.025 U	0.025 U	0.024 U	0.18
	Total Aroclors (CALC)	MG/KG	0.025 U	0.025 U	0.025 U	0.025 U	0.148	0.117	0.528	0.025 U	0.024 U	1.65
PCB Homologs	CI10-BZ#209	MG/KG										
	Decachlorobiphenyl (total)	MG/KG	0.0005 U	0.0005 U	0.0005 U	0.00051 U	0.0012	0.0011	0.0013	0.0005 U	0.00049 U	0.0051
	Dichlorobiphenyl (total)	MG/KG	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0025 U	0.0024 U	0.0028	0.0024 U	0.0023 U	0.0033 J
	Heptachlorobiphenyl (total)	MG/KG	0.0036 U	0.0036 U	0.0036 U	0.0036 U	0.037	0.03	0.051	0.0036 U	0.0052	0.25
	Hexachlorobiphenyl (total)	MG/KG	0.0043 U	0.0042 U	0.0042 U	0.0042 U	0.049	0.051	0.071	0.0059	0.0058	0.19
	Monochlorobiphenyl (total)	MG/KG	0.0009 U	0.00089 U	0.0009 U	0.00091 U	0.0009 U	0.0009 U	0.0009 U	0.00089 UJ	0.00088 UJ	0.0019 J
	Nonachlorobiphenyl (total)	MG/KG	0.0009 U	0.00089 U	0.0009 U	0.00091 U	0.0056	0.0071	0.011	0.00089 U	0.00088 U	0.055
	Octachlorobiphenyl (total)	MG/KG	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.03	0.016	0.025	0.0024 U	0.0023 U	0.17
	Pentachlorobiphenyl (total)	MG/KG	0.0047 U	0.0046 U	0.0046 U	0.0046 U	0.069	0.065	0.1	0.0075 J	0.007 J	0.17 J
	Tetrachlorobiphenyl (total)	MG/KG	0.0043 U	0.0042 U	0.0042 U	0.0042 U	0.068	0.072	0.091	0.0052	0.0049	0.095
	Trichlorobiphenyl (total)	MG/KG	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.027	0.022	0.044	0.0024 U	0.0023 U	0.046 J
Total Homolog (PCBs)	MG/KG	0.030 U	0.030 U	0.030 U	0.030 U	0.290	0.260	0.400	0.030 U	0.029 U	0.990	
Metals	Antimony	MG/KG										
	Arsenic*	MG/KG	5.68	6.64	6.58	6.52	6.3	7.47	6.33	1.85	2.89	6.26
	Cadmium*	MG/KG	0.5 U	0.76	0.92	0.65	0.75	0.82	1.03	0.5 U	0.5 U	2.15
	Chromium*	MG/KG	23	27	27	26	91 J	108 J	107 J	21 J	37 J	2,360
	Copper*	MG/KG	12	19	18	18	250	298	305	49	91	188
	Lead*	MG/KG	6.98	8.85	8.51	8.71	57.4	68.7	65.3	12.2	22.2	65.4 J
	Manganese	MG/KG										
	Mercury*	MG/KG	0.05 U	0.06	0.05	0.05 U	0.35	0.58	0.37	0.08	0.13	1 J
	Nickel*	MG/KG	17.6	21.8	22	22	24.5	30.6	30.2	7.3	12.1	1160
	Selenium	MG/KG										
	Silver	MG/KG	0.5 U	0.5 U	0.5 U	0.5 U	1.34	1.73	2.03	0.5 U	0.5 U	3.27
Zinc*	MG/KG	64.6	75.5	76.1	78	208	222	235	61	103	187	
Average ERM-Q (8 Metals)	NA	0.11	0.14	0.14	0.14	0.37	0.44	0.45	0.10	0.16	0.33	
Cyanide	Cyanide, Total	MG/KG										
PAHs	Acenaphthene	MG/KG		0.01 U	0.01 U	0.01 U						
	Acenaphthylene	MG/KG		0.01 U	0.01 U	0.01 U						
	Anthracene	MG/KG		0.01 U	0.01 U	0.01 U						
	Benzo(a)anthracene	MG/KG		0.01 U	0.01 U	0.01 U						
	Benzo(a)pyrene	MG/KG		0.01 U	0.01 U	0.01 U						
	Benzo(b)fluoranthene	MG/KG		0.01 U	0.01 U	0.01 U						
	Benzo(ghi)perylene	MG/KG		0.01 U	0.01 U	0.01 U						
	Benzo(k)fluoranthene	MG/KG		0.01 U	0.01 U	0.01 U						
	Chrysene	MG/KG		0.005 J	0.01 U	0.01 U						
	Dibenz(a,h)anthracene	MG/KG		0.01 U	0.01 U	0.01 U						
	Fluoranthene	MG/KG		0.01	0.007 J	0.006 J						
	Fluorene	MG/KG		0.01 U	0.01 U	0.01 U						
	Indeno(1,2,3-cd)pyrene	MG/KG		0.01 U	0.01 U	0.01 U						
	Naphthalene	MG/KG		0.01 U	0.01 U	0.01 U						
	Phenanthrene	MG/KG		0.009 J	0.017	0.015						
	Pyrene	MG/KG		0.01	0.01 U	0.01 U						

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2015-TF-EF1 SD15TFEF105FS 4/3/15 5 - 6	SD2015-TF-F7 SD15TF700FS 4/3/15 0 - 0.5	SD2015-TF-F7 SD15TF701FS 4/3/15 1 - 2	SD2015-TF-F7 SD15TF702FS 4/3/15 2 - 3	SD2015-TF-G6 SD15TFG600FS 4/2/15 0 - 0.5	SD2015-TF-G6 SD15TFG601FS 4/2/15 1 - 2	SD2015-TF-G6 SD15TFG602FS 4/2/15 2 - 3	SD2015-TF-G7 SD15TFG700FS 4/6/15 0 - 0.5	SD2015-TF-G7 SD15TFG702FS 4/6/15 2 - 3	SD2015-TF-GH12 SD15TFGH1203FS 4/2/15 3 - 4
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Congeners	CI10-BZ#209	MG/KG		0.0001 U	0.0001 U	0.0001 U						
	CI2-BZ#8	MG/KG		0.0001 U	0.0001 U	0.0001 U						
	CI3-BZ#18	MG/KG		0.0001 U	0.0001 U	0.0001 U						
	CI3-BZ#28	MG/KG		0.0001 U	0.0001 U	0.0001 U						
	CI4-BZ#44	MG/KG		0.0001 U	0.0001 U	0.0001 U						
	CI4-BZ#49	MG/KG		0.0001 U	0.0001 U	0.0001 U						
	CI4-BZ#52	MG/KG		0.0001 U	0.0001 U	0.0001 U						
	CI4-BZ#66	MG/KG		0.0001 U	0.0001 U	0.0001 U						
	CI4-BZ#77	MG/KG		0.0001 U	0.0001 U	0.0001 U						
	CI5-BZ#101	MG/KG		0.0001 U	0.0001 U	0.0001 U						
	CI5-BZ#105	MG/KG		0.0001 U	0.0001 U	0.0001 U						
	CI5-BZ#118	MG/KG		0.0001 U	0.0001 U	0.0001 U						
	CI5-BZ#126	MG/KG		0.0001 U	0.0001 U	0.0001 U						
	CI5-BZ#128	MG/KG		0.0001 U	0.0001 U	0.0001 U						
	CI5-BZ#87	MG/KG		0.0001 U	0.0001 U	0.0001 U						
	CI6-BZ#138	MG/KG		0.0001 U	0.0001 U	0.0001 U						
	CI6-BZ#153	MG/KG		0.0001 U	0.0001 U	0.0001 U						
	CI6-BZ#170	MG/KG		0.0001 U	0.0001 U	0.0001 U						
	CI7-BZ#180	MG/KG		0.0001 U	0.0001 U	0.0001 U						
CI7-BZ#183	MG/KG		0.0001 U	0.0001 U	0.0001 U							
CI7-BZ#184	MG/KG		0.0001 U	0.0001 U	0.0001 U							
CI7-BZ#187	MG/KG		0.0001 U	0.0001 U	0.0001 U							
CI8-BZ#195	MG/KG		0.0001 U	0.0001 U	0.0001 U							
CI9-BZ#206	MG/KG		0.0001 U	0.0001 U	0.0001 U							
SVOCs	3 & 4 Methylphenol	MG/KG										
	Acenaphthene	MG/KG										
	Acenaphthylene	MG/KG										
	Anthracene	MG/KG										
	Benzo(a)anthracene	MG/KG										
	Benzo(a)pyrene	MG/KG										
	Benzo(b)fluoranthene	MG/KG										
	Benzo(ghi)perylene	MG/KG										
	Benzo(k)fluoranthene	MG/KG										
	Bis(2-Ethylhexyl)phthalate	MG/KG										
	Carbazole	MG/KG										
	Chrysene	MG/KG										
	Dibenz(a,h)anthracene	MG/KG										
	Fluoranthene	MG/KG										
	Fluorene	MG/KG										
Indeno(1,2,3-cd)pyrene	MG/KG											
Naphthalene	MG/KG											
Phenanthrene	MG/KG											
Pyrene	MG/KG											
TOC	Total Organic Carbon	MG/KG		34,000	33,000	39,000						
Solids	Percent Solids	PERCENT										

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2015-TF-GH12 SD15TFGH1205FS 4/2/15 5 - 6	SD2015-TF-GH12 SD15TFGH1207FS 4/2/15 7 - 8	SD2015-TF-GH5 SD15TFGH500FS 4/2/15 0 - 0.5	SD2015-TF-GH5 SD15TFGH502FS 4/2/15 2 - 3	SD2015-TF-GH5 SD15TFGH503FSH 4/2/15 3 - 4	SD2015-TF-GH6 SD15TFGH600FS 4/2/15 0 - 0.5	SD2015-TF-GH6 SD15TFGH601FS 4/2/15 1 - 2	SD2015-TF-GH7 SD15TFGH700FS 4/3/15 0 - 0.5	SD2015-TF-GH7 SD15TFGH701FS 4/3/15 1 - 2	SD2015-TF-GH7 SD15TFGH702FS 4/3/15 2 - 3
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.026 U	0.025 U	5.5	0.027	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	Aroclor-1232	MG/KG	0.026 U	0.025 U	1.4	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	Aroclor-1242	MG/KG	0.026 U	0.025 U	31	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	Aroclor-1248	MG/KG	0.026 U	0.025 U	19	0.038	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	Aroclor-1254	MG/KG	0.026 U	0.025 U	6.1	0.29	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	Aroclor-1260	MG/KG	0.026 U	0.025 U	5.3	0.66	0.028	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	Aroclor-1262	MG/KG	0.026 U	0.025 U	4.7	0.52	0.071	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	Aroclor-1268	MG/KG	0.026 U	0.025 U	1.6	0.025 U	0.12	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	Total Aroclors (CALC)	MG/KG	0.026 U	0.025 U	74.6	1.535	0.219	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
PCB Homologs	CI10-BZ#209	MG/KG										
	Decachlorobiphenyl (total)	MG/KG	0.0005 U	0.0005 U	0.079	0.01	0.04	0.00049 U	0.0005 U	0.0005 U	0.00049 U	0.0005 U
	Dichlorobiphenyl (total)	MG/KG	0.0025 UJ	0.0024 UJ	0.36	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U
	Heptachlorobiphenyl (total)	MG/KG	0.0037 U	0.0036 U	3.2	0.27	0.021	0.0036 U	0.0036 U	0.0051	0.0036 U	0.0036 U
	Hexachlorobiphenyl (total)	MG/KG	0.0043 U	0.0042 U	2.9	0.39	0.016	0.0041 U	0.0042 U	0.0042 U	0.0041 U	0.0042 U
	Monochlorobiphenyl (total)	MG/KG	0.0009 UJ	0.0009 UJ	0.026 J	0.0009 UJ	0.0009 U	0.00089 U	0.0009 U	0.0009 U	0.00089 U	0.0009 U
	Nonachlorobiphenyl (total)	MG/KG	0.0009 U	0.0009 U	0.75	0.043	0.027	0.00089 U	0.0009 U	0.0013	0.00089 U	0.0009 U
	Octachlorobiphenyl (total)	MG/KG	0.0025 U	0.0024 U	1.9	0.2	0.033	0.0024 U	0.0024 U	0.0041	0.0024 U	0.0024 U
	Pentachlorobiphenyl (total)	MG/KG	0.0047 UJ	0.0046 UJ	9.6 J	0.37 J	0.016 J	0.0045 U	0.0046 U	0.0046 U	0.0045 U	0.0046 U
	Tetrachlorobiphenyl (total)	MG/KG	0.0043 U	0.0042 U	25	0.12	0.0043 U	0.0041 U	0.0042 U	0.0042 U	0.0041 U	0.0042 U
	Trichlorobiphenyl (total)	MG/KG	0.0025 UJ	0.0024 UJ	11	0.037	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U
Total Homolog (PCBs)	MG/KG	0.031 U	0.030 U	54.000	1.400	0.150	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	
Metals	Antimony	MG/KG										
	Arsenic*	MG/KG	5.01	5.41	5.85	13.2	5.2	2.48	1.86	5.29	5.58	6.2
	Cadmium*	MG/KG	0.5 U	0.5 U	4.8	4.45	2.87	0.5 U	0.5 U	0.5 U	0.5 U	0.65
	Chromium*	MG/KG	37	24	348 J	694 J	345	15	12 J	22	24	26 J
	Copper*	MG/KG	12	12	559	1,920	1,190	96	102	24	16	19
	Lead*	MG/KG	5.54 J	6.89 J	79.9	173	68.3	14.9	17.2	7.35	7.6	9.48
	Manganese	MG/KG										
	Mercury*	MG/KG	0.05 U	0.05 U	0.57	1.28	0.66	0.09	0.12	0.05 U	0.05 U	0.05 U
	Nickel*	MG/KG	21	18.7	135	58.2	23.5	6.73	6.28	17.5	19	21.1
	Selenium	MG/KG										
Silver	MG/KG	0.5 U	0.5 U	14.6	7.2	0.87	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
Zinc*	MG/KG	52.1	64.7	360	776	442	72.2	77.9	67.3	69.1	73.2	
Average ERM-Q (8 Metals)	NA	0.12	0.12	1.43	1.92	0.97	0.12	0.13	0.12	0.12	0.13	
Cyanide	Cyanide, Total	MG/KG										
PAHs	Acenaphthene	MG/KG								0.01 U	0.01 U	0.01 U
	Acenaphthylene	MG/KG								0.008 J	0.01 U	0.01 U
	Anthracene	MG/KG								0.012	0.01 U	0.01 U
	Benzo(a)anthracene	MG/KG								0.071	0.01 U	0.01 U
	Benzo(a)pyrene	MG/KG								0.078	0.01 U	0.01 U
	Benzo(b)fluoranthene	MG/KG								0.085	0.01 U	0.014
	Benzo(ghi)perylene	MG/KG								0.061	0.01 U	0.01 U
	Benzo(k)fluoranthene	MG/KG								0.063	0.01 U	0.014
	Chrysene	MG/KG								0.088	0.01 U	0.01 U
	Dibenz(a,h)anthracene	MG/KG								0.013	0.01 U	0.01 U
	Fluoranthene	MG/KG								0.14	0.008 J	0.013
	Fluorene	MG/KG								0.007 J	0.01 U	0.01 U
	Indeno(1,2,3-cd)pyrene	MG/KG								0.062	0.01 U	0.01 U
	Naphthalene	MG/KG								0.006 J	0.01 U	0.01 U
	Phenanthrene	MG/KG								0.062	0.008 J	0.012 U
Pyrene	MG/KG								0.15	0.007 J	0.013	

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2015-TF-GH12 SD15TFGH1205FS 4/2/15 5 - 6	SD2015-TF-GH12 SD15TFGH1207FS 4/2/15 7 - 8	SD2015-TF-GH5 SD15TFGH500FS 4/2/15 0 - 0.5	SD2015-TF-GH5 SD15TFGH502FS 4/2/15 2 - 3	SD2015-TF-GH5 SD15TFGH503FSH 4/2/15 3 - 4	SD2015-TF-GH6 SD15TFGH600FS 4/2/15 0 - 0.5	SD2015-TF-GH6 SD15TFGH601FS 4/2/15 1 - 2	SD2015-TF-GH7 SD15TFGH700FS 4/3/15 0 - 0.5	SD2015-TF-GH7 SD15TFGH701FS 4/3/15 1 - 2	SD2015-TF-GH7 SD15TFGH702FS 4/3/15 2 - 3	
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	
PCB Congeners	CI10-BZ#209	MG/KG									0.00018	0.0001 U	0.0001 U
	CI2-BZ#8	MG/KG									0.0001 U	0.0001 U	0.0001 U
	CI3-BZ#18	MG/KG									0.0011	0.0001 U	0.0001 U
	CI3-BZ#28	MG/KG									0.0001 U	0.0001 U	0.0001 U
	CI4-BZ#44	MG/KG									0.00013	0.0001 U	0.0001 U
	CI4-BZ#49	MG/KG									0.00021	0.0001 U	0.0001 U
	CI4-BZ#52	MG/KG									0.00031	0.0001 U	0.0001 U
	CI4-BZ#66	MG/KG									0.00024	0.0001 U	0.0001 U
	CI4-BZ#77	MG/KG									0.0001 U	0.0001 U	0.0001 U
	CI5-BZ#101	MG/KG									0.00048	0.0001 U	0.0001 U
	CI5-BZ#105	MG/KG									0.0001 U	0.0001 U	0.0001 U
	CI5-BZ#118	MG/KG									0.00035	0.0001 U	0.0001 U
	CI5-BZ#126	MG/KG									0.0001 U	0.0001 U	0.0001 U
	CI5-BZ#128	MG/KG									0.00013	0.0001 U	0.0001 U
	CI5-BZ#87	MG/KG									0.00018	0.0001 U	0.0001 U
	CI6-BZ#138	MG/KG									0.00066	0.0001 U	0.0001 U
	CI6-BZ#153	MG/KG									0.00068	0.0001 U	0.0001 U
	CI6-BZ#170	MG/KG									0.00023	0.0001 U	0.0001 U
	CI7-BZ#180	MG/KG									0.00052	0.0001 U	0.0001 U
	CI7-BZ#183	MG/KG									0.00013	0.0001 U	0.0001 U
CI7-BZ#184	MG/KG									0.0001 U	0.0001 U	0.0001 U	
CI7-BZ#187	MG/KG									0.00046	0.0001 U	0.0001 U	
CI8-BZ#195	MG/KG									0.0001 U	0.0001 U	0.0001 U	
CI9-BZ#206	MG/KG									0.0003	0.0001 U	0.0001 U	
SVOCs	3 & 4 Methylphenol	MG/KG											
	Acenaphthene	MG/KG											
	Acenaphthylene	MG/KG											
	Anthracene	MG/KG											
	Benzo(a)anthracene	MG/KG											
	Benzo(a)pyrene	MG/KG											
	Benzo(b)fluoranthene	MG/KG											
	Benzo(ghi)perylene	MG/KG											
	Benzo(k)fluoranthene	MG/KG											
	Bis(2-Ethylhexyl)phthalate	MG/KG											
	Carbazole	MG/KG											
	Chrysene	MG/KG											
	Dibenz(a,h)anthracene	MG/KG											
	Fluoranthene	MG/KG											
	Fluorene	MG/KG											
	Indeno(1,2,3-cd)pyrene	MG/KG											
Naphthalene	MG/KG												
Phenanthrene	MG/KG												
Pyrene	MG/KG												
TOC	Total Organic Carbon	MG/KG									24,000	33,000	58,000
Solids	Percent Solids	PERCENT											

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2015-TF-H01 SD15TFH0103FS 4/2/15 3 - 4	SD2015-TF-H01 SD15TFH0105FS 4/2/15 5 - 6	SD2015-TF-H01 SD15TFH0107FS 4/2/15 7 - 8	SD2015-TF-H1 SD15TFH103FS 4/2/15 3 - 4	SD2015-TF-H1 SD15TFH105FS 4/2/15 5 - 6	SD2015-TF-H1 SD15TFH107FS 4/2/15 7 - 8	SD2015-TF-H12 SD15TFH1203FS 4/2/15 3 - 4	SD2015-TF-H12 SD15TFH1205FS 4/2/15 5 - 6	SD2015-TF-H12 SD15TFH1207FS 4/2/15 7 - 8	SD2015-TF-H6 SD15TFH600FS 4/3/15 0 - 0.5
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.026 U	0.025 U	0.025 U	0.025 U	0.026 U	0.026 U	0.025 U	0.024 U	0.025 U	0.024 U
	Aroclor-1232	MG/KG	0.026 U	0.025 U	0.025 U	0.025 U	0.026 U	0.026 U	0.025 U	0.024 U	0.025 U	0.024 U
	Aroclor-1242	MG/KG	0.026 U	0.025 U	0.025 U	0.025 U	0.026 U	0.026 U	0.025 U	0.024 U	0.025 U	0.024 U
	Aroclor-1248	MG/KG	0.026 U	0.025 U	0.025 U	0.025 U	0.026 U	0.026 U	0.025 U	0.024 U	0.025 U	0.024 U
	Aroclor-1254	MG/KG	0.026 U	0.025 U	0.025 U	0.025 U	0.026 U	0.026 U	0.025 U	0.024 U	0.025 U	0.024 U
	Aroclor-1260	MG/KG	0.026 U	0.025 U	0.025 U	0.11	0.026 U	0.026 U	0.025 U	0.024 U	0.025 U	0.024 U
	Aroclor-1262	MG/KG	0.026 U	0.025 U	0.025 U	0.083	0.026 U	0.026 U	0.025 U	0.024 U	0.025 U	0.024 U
	Aroclor-1268	MG/KG	0.026 U	0.025 U	0.025 U	0.069	0.026 U	0.026 U	0.025 U	0.024 U	0.025 U	0.024 U
	Total Aroclors (CALC)	MG/KG	0.026 U	0.025 U	0.025 U	0.262	0.026 U	0.026 U	0.025 U	0.024 U	0.025 U	0.024 U
PCB Homologs	Cl10-BZ#209	MG/KG										
	Decachlorobiphenyl (total)	MG/KG	0.0005	0.0005 U	0.0005 U	0.016	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	Dichlorobiphenyl (total)	MG/KG	0.0025 U	0.0024 U	0.0024 U	0.0024 U	0.0025 U	0.0025 U	0.0024 U	0.0023 U	0.0024 U	0.0023 U
	Heptachlorobiphenyl (total)	MG/KG	0.0056	0.0037 U	0.0036 U	0.039	0.0037 U	0.0037 U	0.0036 U	0.0035 U	0.0036 U	0.0035
	Hexachlorobiphenyl (total)	MG/KG	0.0043 U	0.0043 U	0.0042 U	0.024	0.0043 U	0.0043 U	0.0042 U	0.0041 U	0.0042 U	0.0041 U
	Monochlorobiphenyl (total)	MG/KG	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U
	Nonachlorobiphenyl (total)	MG/KG	0.0009	0.0009 U	0.0009 U	0.029	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.00094
	Octachlorobiphenyl (total)	MG/KG	0.0034	0.0024 U	0.0024 U	0.047	0.0025 U	0.0025 U	0.0024 U	0.0023 U	0.0024 U	0.0023 U
	Pentachlorobiphenyl (total)	MG/KG	0.0047 U	0.0047 U	0.0046 U	0.021	0.0047 U	0.0047 U	0.0047 U	0.0045 U	0.0046 U	0.0044 U
	Tetrachlorobiphenyl (total)	MG/KG	0.0043 U	0.0043 U	0.0042 U	0.0042 U	0.0043 U	0.0043 U	0.0042 U	0.0041 U	0.0042 U	0.0071
	Trichlorobiphenyl (total)	MG/KG	0.0069	0.0024 U	0.0024 U	0.0067	0.0025 U	0.0025 U	0.0024 U	0.0023 U	0.0024 U	0.0023 U
Total Homolog (PCBs)	MG/KG	0.031 U	0.030 U	0.030 U	0.180	0.031 U	0.031 U	0.030 U	0.029 U	0.030 U	0.029 U	
Metals	Antimony	MG/KG										
	Arsenic*	MG/KG	5.65	5.51	6.41	11.2	5.56	6.89	5.47	6.35	7.21	1.49
	Cadmium*	MG/KG	0.5 U	0.5 U	0.5 U	6.96	0.5 U	0.56	0.5 U	0.5 U	0.53	0.5 U
	Chromium*	MG/KG	48	23	24	873	24	27	20	23	27	8 J
	Copper*	MG/KG	68	12	12	1,200	12	14	10	13	14	8
	Lead*	MG/KG	11.7	7.02	6.89	119	6.86	8.12	5.67	7.29	8.02	3.32
	Manganese	MG/KG										
	Mercury*	MG/KG	0.11	0.05 U	0.05 U	1.76	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
	Nickel*	MG/KG	14.5	16.9	17.2	41.4	17.5	19.9	14.2	18.2	19.9	5.08
	Selenium	MG/KG										
	Silver	MG/KG	0.5 U	0.5 U	0.5 U	9.85	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Zinc*	MG/KG	71.8	61.9	58.8	590	63.6	68.6	46.7	60	66.8	22.2	
Average ERM-Q (8 Metals)	NA	0.14	0.11	0.11	1.64	0.11	0.13	0.10	0.12	0.13	0.05	
Cyanide	Cyanide, Total	MG/KG										
PAHs	Acenaphthene	MG/KG							0.01 U	0.01 U	0.01 U	
	Acenaphthylene	MG/KG							0.01 U	0.01 U	0.01 U	
	Anthracene	MG/KG							0.01 U	0.01 U	0.01 U	
	Benzo(a)anthracene	MG/KG							0.01 U	0.01 U	0.01 U	
	Benzo(a)pyrene	MG/KG							0.01 U	0.01 U	0.01 U	
	Benzo(b)fluoranthene	MG/KG							0.01 U	0.01 U	0.01 U	
	Benzo(ghi)perylene	MG/KG							0.01 U	0.01 U	0.01 U	
	Benzo(k)fluoranthene	MG/KG							0.01 U	0.01 U	0.01 U	
	Chrysene	MG/KG							0.01 U	0.01 U	0.01 U	
	Dibenz(a,h)anthracene	MG/KG							0.01 U	0.01 U	0.01 U	
	Fluoranthene	MG/KG							0.01 J	0.01 U	0.008 J	
	Fluorene	MG/KG							0.01 U	0.01 U	0.01 U	
	Indeno(1,2,3-cd)pyrene	MG/KG							0.01 U	0.01 U	0.01 U	
	Naphthalene	MG/KG							0.01 U	0.01 U	0.01 U	
	Phenanthrene	MG/KG							0.016	0.01 U	0.01 U	
Pyrene	MG/KG							0.01	0.01 U	0.01 U		

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2015-TF-H01 SD15TFH0103FS 4/2/15 3 - 4	SD2015-TF-H01 SD15TFH0105FS 4/2/15 5 - 6	SD2015-TF-H01 SD15TFH0107FS 4/2/15 7 - 8	SD2015-TF-H1 SD15TFH103FS 4/2/15 3 - 4	SD2015-TF-H1 SD15TFH105FS 4/2/15 5 - 6	SD2015-TF-H1 SD15TFH107FS 4/2/15 7 - 8	SD2015-TF-H12 SD15TFH1203FS 4/2/15 3 - 4	SD2015-TF-H12 SD15TFH1205FS 4/2/15 5 - 6	SD2015-TF-H12 SD15TFH1207FS 4/2/15 7 - 8	SD2015-TF-H6 SD15TFH600FS 4/3/15 0 - 0.5	
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	
PCB Congeners	CI10-BZ#209	MG/KG									0.0002 UJ	0.0002 U	0.0002 U
	CI2-BZ#8	MG/KG									0.0002 UJ	0.0002 U	0.0002 U
	CI3-BZ#18	MG/KG									0.0002 UJ	0.0002 U	0.0002 U
	CI3-BZ#28	MG/KG									0.0002 UJ	0.0002 U	0.0002 U
	CI4-BZ#44	MG/KG									0.0002 UJ	0.0002 U	0.0002 U
	CI4-BZ#49	MG/KG									0.0002 UJ	0.0002 U	0.0002 U
	CI4-BZ#52	MG/KG									0.0002 UJ	0.0002 U	0.0002 U
	CI4-BZ#66	MG/KG									0.0002 UJ	0.0002 U	0.0002 U
	CI4-BZ#77	MG/KG									0.0002 UJ	0.0002 U	0.0002 U
	CI5-BZ#101	MG/KG									0.0002 UJ	0.0002 U	0.0002 U
	CI5-BZ#105	MG/KG									0.0002 UJ	0.0002 U	0.0002 U
	CI5-BZ#118	MG/KG									0.0002 UJ	0.0002 U	0.0002 U
	CI5-BZ#126	MG/KG									0.0002 UJ	0.0002 U	0.0002 U
	CI5-BZ#128	MG/KG									0.0002 UJ	0.0002 U	0.0002 U
	CI5-BZ#87	MG/KG									0.0002 UJ	0.0002 U	0.0002 U
	CI6-BZ#138	MG/KG									0.0002 UJ	0.0002 U	0.0002 U
	CI6-BZ#153	MG/KG									0.0002 UJ	0.0002 U	0.0002 U
	CI6-BZ#170	MG/KG									0.0002 UJ	0.0002 U	0.0002 U
	CI7-BZ#180	MG/KG									0.0002 UJ	0.0002 U	0.00027
CI7-BZ#183	MG/KG									0.0002 UJ	0.0002 U	0.0002 U	
CI7-BZ#184	MG/KG									0.0002 UJ	0.0002 U	0.0002 U	
CI7-BZ#187	MG/KG									0.0002 UJ	0.0002 U	0.0002 U	
CI8-BZ#195	MG/KG									0.0002 UJ	0.0002 U	0.0002 U	
CI9-BZ#206	MG/KG									0.0002 UJ	0.0002 U	0.00017 J	
SVOCs	3 & 4 Methylphenol	MG/KG											
	Acenaphthene	MG/KG											
	Acenaphthylene	MG/KG											
	Anthracene	MG/KG											
	Benzo(a)anthracene	MG/KG											
	Benzo(a)pyrene	MG/KG											
	Benzo(b)fluoranthene	MG/KG											
	Benzo(ghi)perylene	MG/KG											
	Benzo(k)fluoranthene	MG/KG											
	Bis(2-Ethylhexyl)phthalate	MG/KG											
	Carbazole	MG/KG											
	Chrysene	MG/KG											
	Dibenz(a,h)anthracene	MG/KG											
	Fluoranthene	MG/KG											
	Fluorene	MG/KG											
Indeno(1,2,3-cd)pyrene	MG/KG												
Naphthalene	MG/KG												
Phenanthrene	MG/KG												
Pyrene	MG/KG												
TOC	Total Organic Carbon	MG/KG									16,000	29,000	27,000
Solids	Percent Solids	PERCENT											

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2015-TF-H6 SD15TFH601FS 4/3/15 1 - 2	SD2015-TF-H6 SD15TFH602FS 4/3/15 2 - 3	SD2015-TF-J1 SD15TFJ103FS 4/2/15 3 - 4	SD2015-TF-J1 SD15TFJ105FS 4/2/15 5 - 6	SD2015-TF-J6 SD15TFJ600FS 4/3/15 0 - 0.5	SD2015-TF-K6 SD15TFK600FS 4/3/15 0 - 0.5	SD2015-TF-K6 SD15TFK601FS 4/3/15 1 - 2	SD2015-TF-L6 SD15TFL600FS 4/6/15 0 - 0.5	SD2015-TF-L6 SD15TFL602FS 4/6/15 2 - 3	SD2015-TF-ZA67 SD15TFZA6702FS 4/6/15 2 - 3
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.024 U	0.024 U	0.024 U	0.024 U	0.026 U	0.026 U	0.025 U	0.025 U	0.025 U	0.025 U
	Aroclor-1232	MG/KG	0.024 U	0.024 U	0.024 U	0.024 U	0.026 U	0.026 U	0.025 U	0.025 U	0.025 U	0.025 U
	Aroclor-1242	MG/KG	0.024 U	0.024 U	0.024 U	0.024 U	0.026 U	0.026 U	0.025 U	0.025 U	0.025 U	0.025 U
	Aroclor-1248	MG/KG	0.024 U	0.024 U	0.024 U	0.024 U	0.026 U	0.026 U	0.025 U	0.025 U	0.025 U	0.025 U
	Aroclor-1254	MG/KG	0.024 U	0.024 U	0.024 U	0.024 U	0.026 U	0.026 U	0.025 U	0.062	0.025 U	0.025 U
	Aroclor-1260	MG/KG	0.024 U	0.024 U	0.024 U	0.024 U	0.026 U	0.026 U	0.025 U	0.11	0.025 U	0.025 U
	Aroclor-1262	MG/KG	0.024 U	0.024 U	0.024 U	0.024 U	0.026 U	0.026 U	0.025 U	0.14	0.025 U	0.025 U
	Aroclor-1268	MG/KG	0.024 U	0.024 U	0.024 U	0.024 U	0.026 U	0.026 U	0.025 U	0.025 U	0.025 U	0.025 U
	Total Aroclors (CALC)	MG/KG	0.024 U	0.024 U	0.024 U	0.024 U	0.026 U	0.026 U	0.025 U	0.312	0.025 U	0.025 U
PCB Homologs	Cl10-BZ#209	MG/KG										
	Decachlorobiphenyl (total)	MG/KG	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0026	0.0005 U	0.0005 U
	Dichlorobiphenyl (total)	MG/KG	0.0023 U	0.0023 U	0.0023 UJ	0.0023 UJ	0.0025 U	0.0025 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U
	Heptachlorobiphenyl (total)	MG/KG	0.0064	0.005	0.0035 U	0.0035 U	0.0037 U	0.0037 U	0.0035 U	0.073	0.0037 U	0.0036 U
	Hexachlorobiphenyl (total)	MG/KG	0.006	0.0041 U	0.0041 U	0.0041 U	0.0043 U	0.0043 U	0.0041 U	0.072	0.0043 U	0.0042 U
	Monochlorobiphenyl (total)	MG/KG	0.0009 U	0.0009 U	0.0009 UJ	0.0009 UJ	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.00089 U
	Nonachlorobiphenyl (total)	MG/KG	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.026	0.0009 U	0.00089 U
	Octachlorobiphenyl (total)	MG/KG	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0025 U	0.0025 U	0.0024 U	0.062	0.0024 U	0.0024 U
	Pentachlorobiphenyl (total)	MG/KG	0.0068	0.0045 U	0.0045 UJ	0.0044 UJ	0.0047 U	0.0047 U	0.0045 U	0.11	0.0047 U	0.0046 U
	Tetrachlorobiphenyl (total)	MG/KG	0.006	0.0041 U	0.0041 U	0.0041 U	0.0043 U	0.0043 U	0.0041 U	0.073	0.0043 U	0.0042 U
	Trichlorobiphenyl (total)	MG/KG	0.0023 U	0.0023 U	0.0023 UJ	0.0023 UJ	0.0025 U	0.0025 U	0.0024 U	0.032	0.0024 U	0.0024 U
Total Homolog (PCBs)	MG/KG	0.029 U	0.029 U	0.029 U	0.029 U	0.031 U	0.031 U	0.030 U	0.450	0.031 U	0.030 U	
Metals	Antimony	MG/KG										
	Arsenic*	MG/KG	2.06	2	4.72	12.2	1.36	1.52	2.96	6.35	5.87	7.29
	Cadmium*	MG/KG	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.91	0.62	0.5 U
	Chromium*	MG/KG	13 J	10 J	17	12	9 J	10 J	12 J	338	25	26
	Copper*	MG/KG	21	7	8	7	15	21	11	611	17	44
	Lead*	MG/KG	5.85	3.24	4.43 J	2.53 J	3.88	6.13	4.67	80.7	8.22	15.4
	Manganese	MG/KG										
	Mercury*	MG/KG	0.05 U	0.05 U	0.05 U	0.05 U	0.38	0.05 U	0.05 U	0.33	0.05 U	0.12
	Nickel*	MG/KG	7.98	6.99	13	87.2	4.55	5.61	9.34	34	20.3	19
	Selenium	MG/KG										
	Silver	MG/KG	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.98	0.5 U	0.5 U
Zinc*	MG/KG	40.9	24.3	38.9	28	27.7	29.4	35.3	355	70.6	76.4	
Average ERM-Q (8 Metals)	NA	0.08	0.06	0.09	0.27	0.06	0.07	0.07	0.74	0.13	0.14	
Cyanide	Cyanide, Total	MG/KG										
PAHs	Acenaphthene	MG/KG						0.01 U	0.01 U			0.01 U
	Acenaphthylene	MG/KG						0.01 U	0.01 U			0.01 U
	Anthracene	MG/KG						0.01 U	0.01 U			0.01 U
	Benzo(a)anthracene	MG/KG						0.045	0.017			0.011
	Benzo(a)pyrene	MG/KG						0.053	0.021			0.01
	Benzo(b)fluoranthene	MG/KG						0.058	0.023			0.011
	Benzo(ghi)perylene	MG/KG						0.03	0.013			0.008 J
	Benzo(k)fluoranthene	MG/KG						0.054	0.023			0.01
	Chrysene	MG/KG						0.053	0.021			0.012
	Dibenz(a,h)anthracene	MG/KG						0.01 U	0.01 U			0.01 U
	Fluoranthene	MG/KG						0.09	0.035			0.02
	Fluorene	MG/KG						0.01 U	0.01 U			0.01 U
	Indeno(1,2,3-cd)pyrene	MG/KG						0.033	0.013			0.008 J
	Naphthalene	MG/KG						0.01 U	0.01 U			0.01 U
	Phenanthrene	MG/KG						0.041	0.015 U			0.013
Pyrene	MG/KG						0.091	0.035			0.023	

**TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

			SD2015-TF-H6 SD15TFH601FS 4/3/15 1 - 2		SD2015-TF-H6 SD15TFH602FS 4/3/15 2 - 3		SD2015-TF-J1 SD15TFJ103FS 4/2/15 3 - 4		SD2015-TF-J1 SD15TFJ105FS 4/2/15 5 - 6		SD2015-TF-J6 SD15TFJ600FS 4/3/15 0 - 0.5		SD2015-TF-K6 SD15TFK600FS 4/3/15 0 - 0.5		SD2015-TF-K6 SD15TFK601FS 4/3/15 1 - 2		SD2015-TF-L6 SD15TFL600FS 4/6/15 0 - 0.5		SD2015-TF-L6 SD15TFL602FS 4/6/15 2 - 3		SD2015-TF-ZA67 SD15TFZA6702FS 4/6/15 2 - 3	
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Congeners	CI10-BZ#209	MG/KG											0.00008 J	0.0001 U							0.0001 U	
	CI2-BZ#8	MG/KG											0.0001 U	0.0001 U							0.0001 U	
	CI3-BZ#18	MG/KG											0.0001 U	0.0001 U							0.0001 U	
	CI3-BZ#28	MG/KG											0.0001 U	0.0001 U							0.0001 U	
	CI4-BZ#44	MG/KG											0.00013	0.0001 U							0.0001 U	
	CI4-BZ#49	MG/KG											0.00019	0.0001 U							0.0001 U	
	CI4-BZ#52	MG/KG											0.00021	0.0001 U							0.0001 U	
	CI4-BZ#66	MG/KG											0.0001 U	0.0001 U							0.0001 U	
	CI4-BZ#77	MG/KG											0.0001 U	0.0001 U							0.0001 U	
	CI5-BZ#101	MG/KG											0.00042	0.00021							0.0001 U	
	CI5-BZ#105	MG/KG											0.00011	0.0001 U							0.0001 U	
	CI5-BZ#118	MG/KG											0.00024	0.0001 U							0.0001 U	
	CI5-BZ#126	MG/KG											0.0001 U	0.0001 U							0.0001 U	
	CI5-BZ#128	MG/KG											0.0001 J	0.00009 J							0.0001 U	
	CI5-BZ#87	MG/KG											0.0001 J	0.0001 U							0.0001 U	
	CI6-BZ#138	MG/KG											0.00062	0.00027							0.0001 U	
	CI6-BZ#153	MG/KG											0.00046	0.00022							0.00008 J	
	CI6-BZ#170	MG/KG											0.00012	0.0001 U							0.0001 U	
	CI7-BZ#180	MG/KG											0.00039	0.00022							0.0001 U	
	CI7-BZ#183	MG/KG											0.00017	0.0001 J							0.0001 U	
CI7-BZ#184	MG/KG											0.0001 U	0.0001 U							0.0001 U		
CI7-BZ#187	MG/KG											0.00035	0.00017							0.0001 U		
CI8-BZ#195	MG/KG											0.0001 U	0.0001 U							0.0001 U		
CI9-BZ#206	MG/KG											0.00013	0.0001 U							0.0001 U		
SVOCs	3 & 4 Methylphenol	MG/KG																				
	Acenaphthene	MG/KG																				
	Acenaphthylene	MG/KG																				
	Anthracene	MG/KG																				
	Benzo(a)anthracene	MG/KG																				
	Benzo(a)pyrene	MG/KG																				
	Benzo(b)fluoranthene	MG/KG																				
	Benzo(ghi)perylene	MG/KG																				
	Benzo(k)fluoranthene	MG/KG																				
	Bis(2-Ethylhexyl)phthalate	MG/KG																				
	Carbazole	MG/KG																				
	Chrysene	MG/KG																				
	Dibenz(a,h)anthracene	MG/KG																				
	Fluoranthene	MG/KG																				
	Fluorene	MG/KG																				
	Indeno(1,2,3-cd)pyrene	MG/KG																				
Naphthalene	MG/KG																					
Phenanthrene	MG/KG																					
Pyrene	MG/KG																					
TOC	Total Organic Carbon	MG/KG											20,000	11,000							24,000	
Solids	Percent Solids	PERCENT																				

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-OF8-01 SD14OF80100FS 4/24/14 0 - 0.5	SD2014-OF8-01 SD14OF80101FS 4/24/14 1 - 2	SD2014-OF8-01 SD14OF0102FS 4/7/15 2 - 3	SD2014-OF8-01 SD14OF0103FSH 4/7/15 3 - 4	SD2014-OF8-02 SD14OF80200FD 4/15/14 0 - 0.5	SD2014-OF8-02 SD14OF80200FS 4/15/14 0 - 0.5	SD2014-OF8-02 SD14OF80201FD 4/15/14 1 - 2	SD2014-OF8-02 SD14OF80201FS 4/15/14 1 - 2	SD2014-OF8-03 SD14OF80300FS 4/24/14 0 - 0.5	SD2014-OF8-03 SD14OF80301FS 4/24/14 1 - 2
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.0371 UJ	0.0388 UJ	0.025 U	0.025 U	0.0428 U	0.0492 U	0.0324 UJ	0.0282 UJ	0.0379 U	0.0349 UJ
	Aroclor-1232	MG/KG	0.0371 UJ	0.0388 UJ	0.025 U	0.025 U	0.0428 U	0.0492 U	0.0324 UJ	0.0282 UJ	0.0379 U	0.0349 UJ
	Aroclor-1242	MG/KG	0.0371 UJ	0.0388 UJ	0.025 U	0.025 U	0.0428 U	0.0492 U	0.0324 UJ	0.0282 UJ	0.0379 U	0.0349 UJ
	Aroclor-1248	MG/KG	0.0371 UJ	0.0388 UJ	0.025 U	0.025 U	0.0428 U	0.0492 U	0.0324 UJ	0.0282 UJ	0.0379 U	0.0349 UJ
	Aroclor-1254	MG/KG	0.0371 UJ	0.0804 J	0.21	0.42	0.215	0.317	0.0324 UJ	0.0282 UJ	0.0611	0.0349 UJ
	Aroclor-1260	MG/KG	0.0371 UJ	0.0871 J	0.28	0.025 U	0.409	0.51	0.0324 UJ	0.0282 UJ	0.0999	0.0349 UJ
	Aroclor-1262	MG/KG	0.0371 UJ	0.0388 UJ	0.15	0.52	0.0428 U	0.0492 U	0.0324 UJ	0.0282 UJ	0.0379 U	0.0349 UJ
	Aroclor-1268	MG/KG	0.0371 UJ	0.0388 UJ	0.025 U	0.025 U	0.0428 U	0.0492 U	0.0324 UJ	0.0282 UJ	0.0379 U	0.0349 UJ
	Total Aroclors (CALC)	MG/KG	0.0371 UJ	0.168 J	0.64	0.94	0.624	0.827	0.0324 UJ	0.0282 UJ	0.161	0.0349 UJ
PCB Homologs	Cl10-BZ#209	MG/KG	0.0371 U	0.0388 U			0.0428 U	0.0492 U	0.0324 U	0.0282 U	0.0379 U	0.0349 U
	Decachlorobiphenyl (total)	MG/KG			0.0005	0.0027						
	Dichlorobiphenyl (total)	MG/KG	0.00742 U	0.00776 U	0.0121 U	0.0119 U	0.00857 U	0.00984 U	0.00647 U	0.00563 U	0.00758 U	0.00698 U
	Heptachlorobiphenyl (total)	MG/KG	0.0223 U	0.0233 U	0.14	0.28	0.0703 J	0.173 J	0.0194 U	0.0169 U	0.0227 U	0.0209 U
	Hexachlorobiphenyl (total)	MG/KG	0.0148 U	0.0155 U	0.17	0.35	0.233	0.387	0.0129 U	0.0113 U	0.0159	0.014 U
	Monochlorobiphenyl (total)	MG/KG	0.00742 U	0.00776 U	0.0045 U	0.0045 U	0.00857 U	0.00984 U	0.00647 U	0.00563 U	0.00758 U	0.00698 U
	Nonachlorobiphenyl (total)	MG/KG	0.0371 U	0.0388 U	0.025	0.039	0.0428 U	0.0492 U	0.0324 U	0.0282 U	0.0379 U	0.0349 U
	Octachlorobiphenyl (total)	MG/KG	0.0223 U	0.0233 U	0.065	0.13	0.0257 U	0.0295 U	0.0194 U	0.0169 U	0.0227 U	0.0209 U
	Pentachlorobiphenyl (total)	MG/KG	0.0148 U	0.0155 U	0.17	0.47	0.105 J	0.221 J	0.0129 U	0.0113 U	0.0243	0.014 U
	Tetrachlorobiphenyl (total)	MG/KG	0.0148 U	0.0155 U	0.062	0.087	0.0171 U	0.0197 U	0.0129 U	0.0113 U	0.0152 U	0.014 U
	Trichlorobiphenyl (total)	MG/KG	0.00742 U	0.00776 U	0.016	0.044	0.00857 U	0.00984 U	0.00647 U	0.00563 U	0.00758 U	0.00698 U
Total Homolog (PCBs)	MG/KG	0.093 U	0.097 U	0.650	1.400	0.485	0.870 J	0.081 U	0.071 U	0.120	0.087 U	
Metals	Antimony	MG/KG	1.48 U	1.55 U			2.17	1.97 U	1.72	1.13 U	1.52 U	1.4 U
	Arsenic*	MG/KG	6.58	6.44	8.11	9.03	4.94	6.23	9.95 J	2.57 J	7.54	12.1
	Cadmium*	MG/KG	2.28	24.7	5.9	14.3	2.72	3.35	1.89	0.563 U	14.2	28.2
	Chromium*	MG/KG	2,540	6,800	5,670	4,110 J	1,580	1,950	1,680 J	236 J	6,780	10,100
	Copper*	MG/KG	1,430	1,820	1,970	521	628	778	430 J	83 J	1,470	1,690
	Lead*	MG/KG	120	138	111 J	194	88.1	105	57 J	18.9 J	143	175
	Manganese	MG/KG	247	1480			194	233	362 J	160 J	528	836
	Mercury*	MG/KG	0.049 U		0.37	0.35	0.0566 U	0.0649 U			0.05 U	
	Nickel*	MG/KG	234	535	470	209	108	133	91.7 J	19.6 J	459	519
	Selenium	MG/KG	1.63	1.55 U			1.71 U	1.97 U	1.29 U	1.13 U	2.26	1.4 U
	Silver	MG/KG	14.7	12.1	6.89	3.93	4.19	5.36	1.86	1.13 U	10.1	19.4
	Zinc*	MG/KG	310	348	291	331	162	182	220 J	66 J	265	330
Average ERM-Q (8 Metals)	NA	2.79	5.36	4.44	2.68		1.69		0.22	4.79	6.70	
Cyanide	Cyanide, Total	MG/KG	3.64	4.89 J			4.37	6.3	0.647 UJ	0.563 UJ	13.9	22.3 J
PAHs	Acenaphthene	MG/KG										
	Acenaphthylene	MG/KG										
	Anthracene	MG/KG										
	Benzo(a)anthracene	MG/KG										
	Benzo(a)pyrene	MG/KG										
	Benzo(b)fluoranthene	MG/KG										
	Benzo(ghi)perylene	MG/KG										
	Benzo(k)fluoranthene	MG/KG										
	Chrysene	MG/KG										
	Dibenz(a,h)anthracene	MG/KG										
	Fluoranthene	MG/KG										
	Fluorene	MG/KG										
	Indeno(1,2,3-cd)pyrene	MG/KG										
	Naphthalene	MG/KG										
	Phenanthrene	MG/KG										
Pyrene	MG/KG											

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-OF8-01 SD14OF80100FS 4/24/14 0 - 0.5	SD2014-OF8-01 SD14OF80101FS 4/24/14 1 - 2	SD2014-OF8-01 SD14OF0102FS 4/7/15 2 - 3	SD2014-OF8-01 SD14OF0103FSH 4/7/15 3 - 4	SD2014-OF8-02 SD14OF80200FD 4/15/14 0 - 0.5	SD2014-OF8-02 SD14OF80200FS 4/15/14 0 - 0.5	SD2014-OF8-02 SD14OF80201FD 4/15/14 1 - 2	SD2014-OF8-02 SD14OF80201FS 4/15/14 1 - 2	SD2014-OF8-03 SD14OF80300FS 4/24/14 0 - 0.5	SD2014-OF8-03 SD14OF80301FS 4/24/14 1 - 2						
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual						
PCB Congeners	CI10-BZ#209	MG/KG																
	CI2-BZ#8	MG/KG																
	CI3-BZ#18	MG/KG																
	CI3-BZ#28	MG/KG																
	CI4-BZ#44	MG/KG																
	CI4-BZ#49	MG/KG																
	CI4-BZ#52	MG/KG																
	CI4-BZ#66	MG/KG																
	CI4-BZ#77	MG/KG																
	CI5-BZ#101	MG/KG																
	CI5-BZ#105	MG/KG																
	CI5-BZ#118	MG/KG																
	CI5-BZ#126	MG/KG																
	CI5-BZ#128	MG/KG																
	CI5-BZ#87	MG/KG																
	CI6-BZ#138	MG/KG																
	CI6-BZ#153	MG/KG																
	CI6-BZ#170	MG/KG																
	CI7-BZ#180	MG/KG																
	CI7-BZ#183	MG/KG																
CI7-BZ#184	MG/KG																	
CI7-BZ#187	MG/KG																	
CI8-BZ#195	MG/KG																	
CI9-BZ#206	MG/KG																	
SVOCs	3 & 4 Methylphenol	MG/KG	0.371 U		0.388 U			R		R	0.323 U		0.282 U		0.379 U		0.35 U	
	Acenaphthene	MG/KG	R		0.0582			0.0859 UJ		0.0986 UJ	0.0646 U		0.0563 U		R		0.035 U	
	Acenaphthylene	MG/KG	R		0.0854			0.0859 UJ		0.0986 UJ	0.0646 U		0.0563 U		R		0.035 U	
	Anthracene	MG/KG	0.0371		0.144			0.185		0.202	0.0742		0.11		0.199		0.035 U	
	Benzo(a)anthracene	MG/KG	0.0612		0.561			0.305		0.301	0.313		0.38		0.322		0.126	
	Benzo(a)pyrene	MG/KG	0.0631		0.404			0.275		0.271	0.236		0.259		0.275		0.105	
	Benzo(b)fluoranthene	MG/KG	0.0779 J		0.497			0.266		0.345	0.207		0.403		0.246 J		0.222	
	Benzo(ghi)perylene	MG/KG	0.0427		0.182			0.18		0.187	0.0968		0.13		0.19 U		0.063	
	Benzo(k)fluoranthene	MG/KG	0.0928		0.39			0.442		0.444	0.29 J		0.225 J		0.398		0.117	
	Bis(2-Ethylhexyl)phthalate	MG/KG	0.371 U		0.671			1.72 U		1.97 U	0.566 J		1.13 UJ		0.379 U		0.35 U	
	Carbazole	MG/KG	0.371 U		0.388 U			1.72 U		1.97 U	0.323 U		0.282 U		0.379 U		0.35 U	
	Chrysene	MG/KG	0.0612		0.398			0.301		0.399	0.216		0.237		0.265		0.098	
	Dibenz(a,h)anthracene	MG/KG	0.0371 U		0.109			0.0859 U		0.0986 U	0.0646 UJ		0.0648 J		0.19 U		0.035 U	
	Fluoranthene	MG/KG	0.145		1.11			0.795		0.838	0.72		0.817		0.872		0.275	
	Fluorene	MG/KG	0.0371 UJ		0.105			0.0859 U		0.0986 U	0.0646 U		0.0563 U		0.19 UJ		0.035 U	
	Indeno(1,2,3-cd)pyrene	MG/KG	0.0445		0.221			0.15		0.148	0.11		0.13		0.19 U		0.07	
	Naphthalene	MG/KG	R		0.0388 U			0.0859 UJ		0.0986 UJ	0.0646 U		0.0563 U		R		0.035 U	
	Phenanthrene	MG/KG	0.0983		0.656			0.318		0.34	0.368		0.493		0.711		0.119	
Pyrene	MG/KG	0.128		0.976			0.683		0.73	0.562		0.642		0.749		0.236		
TOC	Total Organic Carbon	MG/KG	52,600		17,800 J			37,400		33,800		3,400 J		8,720 J		46,400		45,500 J
Solids	Percent Solids	PERCENT	67.4		64.4			58.4		50.8		77.3		88.7		66		71.6

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-OF8-03 SD14OF0302FS 4/7/15 2 - 3	SD2014-OF8-03 SD14OF0303FS 4/7/15 3 - 4	SD2014-OF8-04 SD14OF80400FS 4/24/14 0 - 0.5	SD2014-OF8-04 SD14OF80401FS 4/24/14 1 - 2	SD2014-OF8-04 SD14OF0403FSH 4/7/15 3 - 4	SD2014-OF8-05 SD14OF80500FS 4/15/14 0 - 0.5	SD2014-OF8-05 SD14OF80501FS 4/15/14 1 - 2	SD2014-OF8-05 SD14OF0502FS 4/7/15 2 - 3	SD2014-OF8-05 SD14OF0503FSH 4/7/15 3 - 4	SD2014-OF8-06 SD14OF80600FS 4/15/14 0 - 0.5
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.025 U	0.025 U	0.038 U	0.0354 UJ	0.025 U	0.0359 U	0.0444 U	0.026 U	0.025 U	0.0569 U
	Aroclor-1232	MG/KG	0.025 U	0.025 U	0.038 U	0.0354 UJ	0.025 U	0.0359 U	0.0444 U	0.026 U	0.025 U	0.0569 U
	Aroclor-1242	MG/KG	0.025 U	0.025 U	0.038 U	0.0354 UJ	0.025 U	0.0359 U	0.0444 U	0.026 U	0.025 U	0.0569 U
	Aroclor-1248	MG/KG	0.025 U	0.025 U	0.038 U	0.0354 UJ	0.025 U	0.0359 U	0.0444 U	0.026 U	0.025 U	0.0569 U
	Aroclor-1254	MG/KG	0.025 U	0.025 U	0.109	0.0354 UJ	0.025 U	0.0359 U	0.118	0.2	0.025 U	0.153
	Aroclor-1260	MG/KG	0.025 U	0.025 U	0.156	0.0354 UJ	0.025 U	0.197	0.242	0.95	0.025 U	0.348
	Aroclor-1262	MG/KG	0.025 U	0.025 U	0.038 U	0.0354 UJ	0.025 U	0.0359 U	0.0444 U	0.21 J	0.025 U	0.0569 U
	Aroclor-1268	MG/KG	0.025 U	0.025 U	0.038 U	0.0354 UJ	0.025 U	0.0359 U	0.0444 U	0.026 U	0.025 U	0.0569 U
	Total Aroclors (CALC)	MG/KG	0.025 U	0.025 U	0.265	0.0354 UJ		0.197	0.36	1.36		
PCB Homologs	Cl10-BZ#209	MG/KG			0.038 U	0.0354 U		0.0359 U	0.0444 U			0.0569 U
	Decachlorobiphenyl (total)	MG/KG	0.0005 U	0.0005 U			0.0005 U			0.00096	0.0005 U	
	Dichlorobiphenyl (total)	MG/KG	0.0024 U	0.0024 U	0.0076 U	0.00708 U	0.0024 U	0.00718 U	0.00888 U	0.0025 U	0.0024 U	0.0114 U
	Heptachlorobiphenyl (total)	MG/KG	0.00057 U	0.00088 U	0.0342	0.0212 U	0.0036 U	0.0215 U	0.102	0.42	0.0036 U	0.0398
	Hexachlorobiphenyl (total)	MG/KG	0.00065 U	0.00023 U	0.0509	0.0142 U	0.0042 U	0.0208	0.229	0.67	0.0042 U	0.0945
	Monochlorobiphenyl (total)	MG/KG	0.0009 U	0.00091 U	0.0076 U	0.00708 U	0.0009 UJ	0.00718 U	0.00888 U	0.0009 U	0.0009 UJ	0.0114 U
	Nonachlorobiphenyl (total)	MG/KG	0.0009 U	0.00091 U	0.038 U	0.0354 U	0.0009 U	0.0359 U	0.0444 U	0.017	0.0009 U	0.0569 U
	Octachlorobiphenyl (total)	MG/KG	0.0024 U	0.0024 U	0.0228 U	0.0212 U	0.0024 U	0.0215 U	0.0266 U	0.1	0.0024 U	0.0341 U
	Pentachlorobiphenyl (total)	MG/KG	0.0047	0.00079 U	0.0152 U	0.0227	0.0046 U	0.0144	0.259	0.38	0.0045 U	0.0432
	Tetrachlorobiphenyl (total)	MG/KG	0.00045 U	0.0042 U	0.0152 U	0.0142 U	0.0042 U	0.0144 U	0.0178 U	0.056	0.0042 U	0.0228 U
	Trichlorobiphenyl (total)	MG/KG	0.0024 U	0.0024 U	0.0076 U	0.00708 U	0.0024 U	0.00718 U	0.00888 U	0.0089	0.0024 U	0.0114 U
Total Homolog (PCBs)	MG/KG	0.006 U	0.002 U	0.161	0.104	0.030 U	0.111	0.670	1.600	0.030 U	0.280	
Metals	Antimony	MG/KG			1.52 U	1.42 U		1.44 U	1.78 U			2.28 U
	Arsenic*	MG/KG	6.05	6.36	5.44	6.62	8.67	3.4	5.08	4.23	7.34	9.82
	Cadmium*	MG/KG	0.5 U	0.5 U	3.73	11.7	0.5 U	0.718 U	2.97	2.74	0.5 U	6.85
	Chromium*	MG/KG	33	51	2,180	7,250	43	149	1,290	665	55	3,830
	Copper*	MG/KG	11 J	24 J	876	1,440	17	83	519	263	20	1,110
	Lead*	MG/KG	8.26	10.6	115	134	13.3	27.9	93.3	80.5 J	11.6	111
	Manganese	MG/KG			171	504		139	209			401
	Mercury*	MG/KG	0.05 U	0.05 U	0.0502 U		0.05	0.0474 U		0.09	0.06	0.0751 U
	Nickel*	MG/KG	18.5	23.3	141	441	28.2	24.1	90.4	53	26.4	240
	Selenium	MG/KG			1.94	1.42 U		1.44 U	1.78 U			2.28 U
	Silver	MG/KG	0.5 U	0.5 U	7.55	8.47	0.5 U	1.44 U	3.54	2.97	0.5 U	6.88
	Zinc*	MG/KG	54.3	61.9	164	279	76.2	107	150	92.2	71.5	228
Average ERM-Q (8 Metals)	NA	0.12	0.14	1.91	4.80	0.16	0.23	1.16	0.69	0.16	2.86	
Cyanide	Cyanide, Total	MG/KG			2.51	17.7 J		0.862	3.46 J			7.97
PAHs	Acenaphthene	MG/KG	0.01 U	0.01 U								
	Acenaphthylene	MG/KG	0.01 U	0.01 U								
	Anthracene	MG/KG	0.01 U	0.01 U								
	Benzo(a)anthracene	MG/KG	0.006 J	0.01 U								
	Benzo(a)pyrene	MG/KG	0.007 J	0.01 U								
	Benzo(b)fluoranthene	MG/KG	0.007 J	0.01 U								
	Benzo(ghi)perylene	MG/KG	0.008 J	0.01 U								
	Benzo(k)fluoranthene	MG/KG	0.008 J	0.01 U								
	Chrysene	MG/KG	0.01 U	0.01 U								
	Dibenz(a,h)anthracene	MG/KG	0.007 J	0.01 U								
	Fluoranthene	MG/KG	0.01 U	0.007 J								
	Fluorene	MG/KG	0.01 U	0.01 U								
	Indeno(1,2,3-cd)pyrene	MG/KG	0.008 J	0.01 U								
	Naphthalene	MG/KG	0.01 U	0.01 U								
	Phenanthrene	MG/KG	0.01 U	0.007 J								
Pyrene	MG/KG	0.006 J	0.006 J									

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-OF8-03 SD14OF0302FS 4/7/15 2 - 3	SD2014-OF8-03 SD14OF0303FS 4/7/15 3 - 4	SD2014-OF8-04 SD14OF80400FS 4/24/14 0 - 0.5	SD2014-OF8-04 SD14OF80401FS 4/24/14 1 - 2	SD2014-OF8-04 SD14OF0403FSH 4/7/15 3 - 4	SD2014-OF8-05 SD14OF80500FS 4/15/14 0 - 0.5	SD2014-OF8-05 SD14OF80501FS 4/15/14 1 - 2	SD2014-OF8-05 SD14OF0502FS 4/7/15 2 - 3	SD2014-OF8-05 SD14OF0503FSH 4/7/15 3 - 4	SD2014-OF8-06 SD14OF80600FS 4/15/14 0 - 0.5
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Congeners	CI10-BZ#209	MG/KG	0.00009 J	0.0001 U								
	CI2-BZ#8	MG/KG	0.0001 U	0.00015								
	CI3-BZ#18	MG/KG	0.0001 U	0.0001 U								
	CI3-BZ#28	MG/KG	0.0001 U	0.0001 U								
	CI4-BZ#44	MG/KG	0.00013	0.0001 U								
	CI4-BZ#49	MG/KG	0.0001 U	0.0001 U								
	CI4-BZ#52	MG/KG	0.0001 J	0.0001 U								
	CI4-BZ#66	MG/KG	0.0001 U	0.0001 U								
	CI4-BZ#77	MG/KG	0.0001 U	0.0001 U								
	CI5-BZ#101	MG/KG	0.00095	0.00066								
	CI5-BZ#105	MG/KG	0.0001 U	0.00018								
	CI5-BZ#118	MG/KG	0.00054	0.0003								
	CI5-BZ#126	MG/KG	0.0001 U	0.0001 U								
	CI5-BZ#128	MG/KG	0.00018	0.0002								
	CI5-BZ#87	MG/KG	0.00045	0.0004								
	CI6-BZ#138	MG/KG	0.00083	0.00048								
	CI6-BZ#153	MG/KG	0.00078	0.00046								
	CI6-BZ#170	MG/KG	0.00033	0.00023								
	CI7-BZ#180	MG/KG	0.00044	0.0003								
	CI7-BZ#183	MG/KG	0.00016	0.00009 J								
CI7-BZ#184	MG/KG	0.0001 U	0.0001 U									
CI7-BZ#187	MG/KG	0.00022	0.00014									
CI8-BZ#195	MG/KG	0.0001 U	0.0001 U									
CI9-BZ#206	MG/KG	0.00015	0.00011									
SVOCs	3 & 4 Methylphenol	MG/KG			0.38 U	0.353 U		R	0.444 U			0.569 U
	Acenaphthene	MG/KG			R	0.0353 U		0.18 UJ	0.0888 U			0.114 UJ
	Acenaphthylene	MG/KG			R	0.0389		0.18 UJ	0.0888 U			0.114 UJ
	Anthracene	MG/KG			0.19 U	0.0654		0.539	0.0888 U			0.199
	Benzo(a)anthracene	MG/KG			0.19 U	0.297		0.961	0.0888 U			0.25
	Benzo(a)pyrene	MG/KG			0.19 U	0.249		0.889	0.0888 U			0.199
	Benzo(b)fluoranthene	MG/KG			0.19 UJ	0.383		0.925	0.0888 U			0.273
	Benzo(ghi)perylene	MG/KG			0.19 U	0.145		0.467	0.0888 U			0.12
	Benzo(k)fluoranthene	MG/KG			0.19 U	0.302		1.09	0.0888 U			0.324
	Bis(2-Ethylhexyl)phthalate	MG/KG			1.52 U	0.353 U		0.359 U	0.444 U			0.569 U
	Carbazole	MG/KG			0.38 U	0.353 U		0.359 U	0.444 U			0.569 U
	Chrysene	MG/KG			0.19 U	0.21		0.961	0.0888 U			0.347
	Dibenz(a,h)anthracene	MG/KG			0.19 U	0.083		0.18	0.0888 U			0.114 U
	Fluoranthene	MG/KG			0.19	0.592		2.68	0.16			0.626
	Fluorene	MG/KG			0.19 UJ	0.0371		0.215	0.0888 U			0.114 U
	Indeno(1,2,3-cd)pyrene	MG/KG			0.19 U	0.168		0.431	0.0888 U			0.114 U
	Naphthalene	MG/KG			R	0.0353 U		0.18 UJ	0.0888 U			0.114 UJ
Phenanthrene	MG/KG			0.19 U	0.332		1.3	0.0888 U			0.171	
Pyrene	MG/KG			0.19 U	0.466		2.06	0.151			0.535	
TOC	Total Organic Carbon	MG/KG	18,000	81,000	66,700	23,100 J		14,200	18,300 J			28,300
Solids	Percent Solids	PERCENT			65.8	70.6		69.6	56.3			43.9

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-OF8-06 SD14OF80601FS 4/15/14 1 - 2	SD2014-OF8-06 SD14OF0602FS 4/7/15 2 - 3	SD2014-OF8-06 SD14OF0603FSH 4/7/15 3 - 4	SD2014-OF8-07 SD14OF80700FS 4/24/14 0 - 0.5	SD2014-OF8-07 SD14OF80701FS 4/24/14 1 - 2	SD2014-OF8-07 SD14OF0702FS 4/7/15 2 - 3	SD2014-OF8-07 SD14OF0703FSH 4/7/15 3 - 4	SD2014-OF8-08 SD14OF80800FS 4/24/14 0 - 0.5	SD2014-OF8-08 SD14OF80801FS 4/24/14 1 - 2	SD2014-OF8-08 SD14OF0802FS 4/7/15 2 - 3
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.0347 U	0.025 U	0.025 U	0.0459 U	0.0388 UJ	0.025 U	0.025 U	0.0433 UJ	0.0329 UJ	0.025 U
	Aroclor-1232	MG/KG	0.0347 U	0.037	0.025 U	0.0459 U	0.0388 UJ	0.03	0.025 U	0.0433 UJ	0.0329 UJ	0.025 U
	Aroclor-1242	MG/KG	0.0347 U	0.041	0.025 U	0.0459 U	0.0388 UJ	0.029	0.025 U	0.0433 UJ	0.0329 UJ	0.025 U
	Aroclor-1248	MG/KG	0.0347 U	0.15	0.025 U	0.0459 U	0.0388 UJ	0.025 U	0.025 U	0.0433 UJ	0.0329 UJ	0.025 U
	Aroclor-1254	MG/KG	0.217	0.44	0.025 U	0.131	0.0695 J	1.1	0.025 U	0.0433 UJ	0.0329 UJ	0.025 U
	Aroclor-1260	MG/KG	0.374	1.2	0.025 U	0.238	0.0999 J	1.3	0.038	0.0923 J	0.0329 UJ	0.16
	Aroclor-1262	MG/KG	0.0347 U	0.97	0.025 U	0.0459 U	0.0388 UJ	0.94	0.025 U	0.0433 UJ	0.0329 UJ	0.13
	Aroclor-1268	MG/KG	0.0347 U	0.026	0.025 U	0.0459 U	0.0388 UJ	0.025 U	0.025 U	0.0433 UJ	0.0329 UJ	0.025 U
	Total Aroclors (CALC)	MG/KG	0.591	2.864		0.37	0.169 J	3.399		0.0923 J	0.0329 UJ	0.29
PCB Homologs	Cl10-BZ#209	MG/KG	0.0347 U			0.0459 U	0.0388 U			0.0433 U	0.0329 U	
	Decachlorobiphenyl (total)	MG/KG		0.0033	0.0005 U			0.013	0.0005 U			0.00051
	Dichlorobiphenyl (total)	MG/KG	0.00693 U	0.0024 U	0.0024 U	0.00918 U	0.00776 U	0.038	0.002 U	0.00866 U	0.00659 U	0.025
	Heptachlorobiphenyl (total)	MG/KG	0.0596	0.36	0.015	0.0276 U	0.0233 U	0.4	0.017	0.026 U	0.0198 U	0.091
	Hexachlorobiphenyl (total)	MG/KG	0.114	0.69	0.027	0.0505	0.0155 U	0.79	0.019	0.0831	0.0132 U	0.14
	Monochlorobiphenyl (total)	MG/KG	0.00693 U	0.0009 U	0.0009 U	0.00918 U	0.00776 U	0.0089 U	0.0009 UJ	0.00866 U	0.00659 U	0.00089 U
	Nonachlorobiphenyl (total)	MG/KG	0.0347 U	0.038	0.0009 U	0.0459 U	0.0388 U	0.1	0.0019	0.0433 U	0.0329 U	0.012
	Octachlorobiphenyl (total)	MG/KG	0.0208 U	0.12	0.035	0.0276 U	0.0233 U	0.2	0.005	0.026 U	0.0198 U	0.051
	Pentachlorobiphenyl (total)	MG/KG	0.146	0.54	0.038	0.0588	0.0466	0.72	0.02	0.0883	0.0132 U	0.22
	Tetrachlorobiphenyl (total)	MG/KG	0.0139 U	0.044	0.0041 U	0.0184 U	0.0155 U	0.11	0.0041 U	0.0173 U	0.0132 U	0.023
	Trichlorobiphenyl (total)	MG/KG	0.00693 U	0.0024 U	0.023	0.00918 U	0.00776 U	0.012 U	0.002 U	0.00866 U	0.00659 U	0.024
Total Homolog (PCBs)	MG/KG	0.382	1.800	0.140	0.206	0.136	2.400	0.065	0.262	0.082 U	0.590	
Metals	Antimony	MG/KG	1.39 U			1.84 U	1.55 U			1.73 U	1.32 U	
	Arsenic*	MG/KG	5.07	17.6	4.43	8.68	6.05	13.1	2.2	6.63	3.53	2.7
	Cadmium*	MG/KG	4.4	25.9	0.76	28.5	11.6	20.6	1.05	2.29	1.41	1.31
	Chromium*	MG/KG	1,720	8,510	49 J	8,900	5,830	13,700	560	740	103	434
	Copper*	MG/KG	428	1,240 J	21	1,630	868	1,920	103	268	48	92 J
	Lead*	MG/KG	72.9	168	7.11	174	111	294 J	15.5	72.5	16.1	25.3
	Manganese	MG/KG	168			350	146			205	158	
	Mercury*	MG/KG		0.46	0.05 U	0.0606 U		0.77	0.07	0.0572 U		0.09
	Nickel*	MG/KG	118	436	14.3	413	188	471	25.4	74.1	24.4	24.7
	Selenium	MG/KG	1.39 U			3.57	1.58			1.82	1.32 U	
	Silver	MG/KG	2.05	25	0.5 U	12	56.6	21.1	9.08	2.34	1.32 U	4.85
	Zinc*	MG/KG	113	293	29.6	321	121	352	28.1	121	51.1	34.2
Average ERM-Q (8 Metals)	NA	1.28	7.05	0.11	5.75	5.00	7.94	0.64	0.75	0.19	0.46	
Cyanide	Cyanide, Total	MG/KG	8.39 J			9.46	0.776 UJ			1.47	4.74 J	
PAHs	Acenaphthene	MG/KG		0.054 J	0.016							0.099 U
	Acenaphthylene	MG/KG		0.06 J	0.01 J							0.099 U
	Anthracene	MG/KG		0.11	0.01 U							0.099 U
	Benzo(a)anthracene	MG/KG		0.54	0.035							0.11
	Benzo(a)pyrene	MG/KG		0.48	0.013							0.1
	Benzo(b)fluoranthene	MG/KG		0.61	0.06							0.25
	Benzo(ghi)perylene	MG/KG		0.37	0.041							0.094 J
	Benzo(k)fluoranthene	MG/KG		0.6	0.041							0.25
	Chrysene	MG/KG		0.86	0.11							0.16
	Dibenz(a,h)anthracene	MG/KG		0.06 J	0.012							0.099 U
	Fluoranthene	MG/KG		1.3	0.1							0.24
	Fluorene	MG/KG		0.096 J	0.032							0.099 U
	Indeno(1,2,3-cd)pyrene	MG/KG		0.4	0.033							0.098 J
	Naphthalene	MG/KG		0.1 U	0.01 UJ							0.099 U
	Phenanthrene	MG/KG		0.25	0.027 U							0.079 J
Pyrene	MG/KG		1.2	0.12							0.32	

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-OF8-06 SD14OF80601FS 4/15/14 1 - 2	SD2014-OF8-06 SD14OF0602FS 4/7/15 2 - 3	SD2014-OF8-06 SD14OF0603FSH 4/7/15 3 - 4	SD2014-OF8-07 SD14OF80700FS 4/24/14 0 - 0.5	SD2014-OF8-07 SD14OF80701FS 4/24/14 1 - 2	SD2014-OF8-07 SD14OF0702FS 4/7/15 2 - 3	SD2014-OF8-07 SD14OF0703FSH 4/7/15 3 - 4	SD2014-OF8-08 SD14OF80800FS 4/24/14 0 - 0.5	SD2014-OF8-08 SD14OF80801FS 4/24/14 1 - 2	SD2014-OF8-08 SD14OF0802FS 4/7/15 2 - 3	
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	
PCB Congeners	CI10-BZ#209	MG/KG			0.0047		0.0002 U						0.0022 J
	CI2-BZ#8	MG/KG			0.001 U		0.0002 U						0.00099 UJ
	CI3-BZ#18	MG/KG			0.001 U		0.0002 U						0.0022 J
	CI3-BZ#28	MG/KG			0.001 U		0.0002 U						0.00099 UJ
	CI4-BZ#44	MG/KG			0.024		0.0015						0.012 J
	CI4-BZ#49	MG/KG			0.011		0.0002 U						0.0021 J
	CI4-BZ#52	MG/KG			0.018		0.0002 U						0.00099 UJ
	CI4-BZ#66	MG/KG			0.011		0.0002 U						0.0014 J
	CI4-BZ#77	MG/KG			0.0036		0.0002 U						0.00099 UJ
	CI5-BZ#101	MG/KG			0.15		0.013						0.044 J
	CI5-BZ#105	MG/KG			0.045		0.0002 U						0.011 J
	CI5-BZ#118	MG/KG			0.1		0.011						0.025 J
	CI5-BZ#126	MG/KG			0.001 U		0.0002 U						0.00099 UJ
	CI5-BZ#128	MG/KG			0.031		0.0002 U						0.014 J
	CI5-BZ#87	MG/KG			0.072		0.0057						0.018 J
	CI6-BZ#138	MG/KG			0.24		0.016						0.041 J
	CI6-BZ#153	MG/KG			0.32		0.012						0.036 J
	CI6-BZ#170	MG/KG			0.1		0.0065						0.012 J
	CI7-BZ#180	MG/KG			0.21		0.0063						0.03 J
	CI7-BZ#183	MG/KG			0.045		0.0018						0.0092 J
CI7-BZ#184	MG/KG			0.001 U		0.0002 U						0.00099 UJ	
CI7-BZ#187	MG/KG			0.1		0.0037						0.016 J	
CI8-BZ#195	MG/KG			0.022		0.0002 U						0.0035 J	
CI9-BZ#206	MG/KG			0.049		0.0002 U						0.0099 J	
SVOCs	3 & 4 Methylphenol	MG/KG	0.347 U				0.459 U		0.388 U		0.433 U		0.329 U
	Acenaphthene	MG/KG	0.139 U				R		0.0388 U		R		0.00659 U
	Acenaphthylene	MG/KG	0.139 U				R		0.0388 U		R		0.00659 U
	Anthracene	MG/KG	0.139 U				0.126		0.0388 U		0.0433 U		0.00659 U
	Benzo(a)anthracene	MG/KG	0.624				0.223		0.0466		0.0736		0.00659 U
	Benzo(a)pyrene	MG/KG	0.187				0.161		0.0466		0.0476		0.00659 U
	Benzo(b)fluoranthene	MG/KG	0.27				0.142 J		0.0582		0.052 J		0.00659 U
	Benzo(ghi)perylene	MG/KG	0.139 U				0.0987		0.0388 U		0.0433 U		0.00659 U
	Benzo(k)fluoranthene	MG/KG	0.263				0.216		0.0563		0.0715		0.00659 U
	Bis(2-Ethylhexyl)phthalate	MG/KG	0.7				0.459 UJ		0.388 U		0.433 U		0.329 U
	Carbazole	MG/KG	0.347 U				0.459 UJ		0.388 U		0.433 U		0.329 U
	Chrysene	MG/KG	0.263				0.216		0.0427		0.0628		0.00659 U
	Dibenz(a,h)anthracene	MG/KG	0.139 U				0.0459 U		0.0388 U		0.0433 U		0.00659 U
	Fluoranthene	MG/KG	0.651				0.507		0.0971		0.175		0.00659 U
	Fluorene	MG/KG	0.139 U				0.0459 UJ		0.0388 U		0.0433 UJ		0.0105
	Indeno(1,2,3-cd)pyrene	MG/KG	0.139 U				0.108		0.0388 U		0.0433 U		0.00659 U
	Naphthalene	MG/KG	0.139 U				R		0.0388 U		R		0.00659 U
Phenanthrene	MG/KG	0.194				0.608		0.0563		0.0953		0.00659 U	
Pyrene	MG/KG	0.541				0.356		0.0932		0.13		0.00659 U	
TOC	Total Organic Carbon	MG/KG	10,900 J		27,000		30,000		46,300		36,900 J		71,100
Solids	Percent Solids	PERCENT	72.1				54.4		64.4				57.7
													75.9

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-OF8-09 SD14OF80900FS 4/15/14 0 - 0.5	SD2014-OF8-09 SD14OF80901FS 4/15/14 1 - 2	SD2014-OF8-09 SD14OF0902FS 4/7/15 2 - 3	SD2014-OF8-09 SD14OF0903FSH 4/7/15 3 - 4	SD2014-OF8-10 SD14OF81000FS 4/24/14 0 - 0.5	SD2014-OF8-10 SD14OF81001FS 4/24/14 0 - 0.5	SD2014-OF8-10 SD14OF1002FS 4/7/15 2 - 3	SD2014-OF8-10 SD14OF1003FSH 4/7/15 3 - 4	SD2014-OF8-11 SD14OF81100FS 4/24/14 0 - 0.5	SD2014-OF8-11 SD14OF81101FS 4/24/14 1 - 2
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.0817 U	R	0.025 U	0.025 U	0.0426 U	0.0558 U	0.025 U	0.025 U	0.0446 U	0.0463 UJ
	Aroclor-1232	MG/KG	0.0817 U	R	0.025 U	0.025 U	0.0426 U	0.0558 U	0.025 U	0.025 U	0.0446 U	0.0463 UJ
	Aroclor-1242	MG/KG	0.0817 U	R	0.025 U	0.025 U	0.0426 U	0.0558 U	0.025 U	0.025 U	0.0446 U	0.0463 UJ
	Aroclor-1248	MG/KG	0.0817 U	R	0.025 U	0.025 U	0.0426 U	0.0558 U	0.16	0.025 U	0.0446 U	0.0463 UJ
	Aroclor-1254	MG/KG	0.0817 U	R	0.53	0.025 U	0.0426 U	0.0558 U	0.53	0.31	0.0446 U	0.0463 UJ
	Aroclor-1260	MG/KG	0.147	R	0.65	0.18	0.0931	0.0558 U	1.2	0.46 J	0.0446 U	0.0463 UJ
	Aroclor-1262	MG/KG	0.0817 U	R	0.57	0.025 U	0.0426 U	0.0558 U	0.75	0.13	0.0446 U	0.0463 UJ
	Aroclor-1268	MG/KG	0.0817 U	R	0.31	0.025 U	0.0426 U	0.0558 U	0.15	0.025 U	0.0446 U	0.0463 UJ
	Total Aroclors (CALC)	MG/KG	0.147	R	2.06		0.0931	0.0558 U	2.79	0.9	0.0446 U	0.0463 UJ
PCB Homologs	Cl10-BZ#209	MG/KG	0.0817 U	R			0.0426 U	0.0558 U			0.0446 U	0.0463 U
	Decachlorobiphenyl (total)	MG/KG			0.0005 U	0.0025 U			0.016	0.0014 J		
	Dichlorobiphenyl (total)	MG/KG	0.0163 U	R	0.087	0.055	0.00852 U	0.0112 U	0.031	0.024 UJ	0.00891 U	0.00927 U
	Heptachlorobiphenyl (total)	MG/KG	0.049 U	R	0.0035 U	0.076	0.0256 U	0.0335 U	0.62	0.17 J	0.0267 U	0.0278 U
	Hexachlorobiphenyl (total)	MG/KG	0.0327 U	R	0.37	0.11	0.017 U	0.0368	0.96	0.35 J	0.0187	0.0185 U
	Monochlorobiphenyl (total)	MG/KG	0.0163 U	R	0.0089 U	0.0046 UJ	0.00852 U	0.0112 U	0.016	0.009 UJ	0.00891 U	0.00927 U
	Nonachlorobiphenyl (total)	MG/KG	0.0817 U	R	0.027	0.0093	0.0426 U	0.0558 U	0.14	0.02 J	0.0446 U	0.0463 U
	Octachlorobiphenyl (total)	MG/KG	0.049 U	R	0.068	0.033	0.0256 U	0.0335 U	0.34	0.081 J	0.0267 U	0.0278 U
	Pentachlorobiphenyl (total)	MG/KG	0.0327 U	R	0.44	0.17	0.017	0.0747	0.77	0.37 J	0.0178 U	0.0185 U
	Tetrachlorobiphenyl (total)	MG/KG	0.0327 U	R	0.021 U	0.0214 U	0.017 U	0.0223 U	0.086	0.066 J	0.0178 U	0.0185 U
	Trichlorobiphenyl (total)	MG/KG	0.0163 U	R	0.028	0.1	0.00852 U	0.0112 U	0.028	0.024 UJ	0.00891 U	0.00927 U
Total Homolog (PCBs)	MG/KG	0.204 U		0.214 U	1.000	0.570	0.115	3.000	1.100 J	0.121	0.116 U	
Metals	Antimony	MG/KG	3.27 U	R			1.7 U	2.23 U			1.78 U	1.85 U
	Arsenic*	MG/KG	16.4	17.1 J	8.87	8.34	6.01	6.72	47.3	6.3	7.13	7.61
	Cadmium*	MG/KG	24.1	62.7 J	13.9	3.14	1.43	7.09	58.8	4.86	1.47	9.09
	Chromium*	MG/KG	14,800	31,700 J	5,850	854	823	5,010	53,600	1,720	1,040	6,710
	Copper*	MG/KG	2,430	4,110 J	1,040	153	417	920	5,830	249	548	1,570
	Lead*	MG/KG	247	376 J	170 J	37.1	97.5	87.8	496 J	24.8	105	149
	Manganese	MG/KG	584	661 J			219	157			255	214
	Mercury*	MG/KG	0.108 U		0.43	0.12	0.0563 U		1.54	0.1	0.0588 U	
	Nickel*	MG/KG	676	1130 J	255	65.4	51.2	203	1990	89.3	62.5	356
	Selenium	MG/KG	4.51	5.31 J			1.74	2.23 U			1.94	1.85 U
	Silver	MG/KG	11.2	15 J	11.7	4.4	3.89	3.33	16.8	7.24	4.74	7.52
	Zinc*	MG/KG	478	808 J	288	76.7	176	187	1390	47.9	182	259
	Average ERM-Q (8 Metals)	NA	8.77	17.17	3.85	0.77	0.87	2.93	9.53	1.26	1.06	4.41
Cyanide	Cyanide, Total	MG/KG	14.4	47.8 J			1.36	7.81 J			1.87	6.67 J
PAHs	Acenaphthene	MG/KG										
	Acenaphthylene	MG/KG										
	Anthracene	MG/KG										
	Benzo(a)anthracene	MG/KG										
	Benzo(a)pyrene	MG/KG										
	Benzo(b)fluoranthene	MG/KG										
	Benzo(ghi)perylene	MG/KG										
	Benzo(k)fluoranthene	MG/KG										
	Chrysene	MG/KG										
	Dibenz(a,h)anthracene	MG/KG										
	Fluoranthene	MG/KG										
	Fluorene	MG/KG										
	Indeno(1,2,3-cd)pyrene	MG/KG										
	Naphthalene	MG/KG										
	Phenanthrene	MG/KG										
Pyrene	MG/KG											

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-OF8-09 SD14OF80900FS 4/15/14 0 - 0.5	SD2014-OF8-09 SD14OF80901FS 4/15/14 1 - 2	SD2014-OF8-09 SD14OF0902FS 4/7/15 2 - 3	SD2014-OF8-09 SD14OF0903FSH 4/7/15 3 - 4	SD2014-OF8-10 SD14OF81000FS 4/24/14 0 - 0.5	SD2014-OF8-10 SD14OF81001FS 4/24/14 0 - 0.5	SD2014-OF8-10 SD14OF1002FS 4/7/15 2 - 3	SD2014-OF8-10 SD14OF1003FSH 4/7/15 3 - 4	SD2014-OF8-11 SD14OF81100FS 4/24/14 0 - 0.5	SD2014-OF8-11 SD14OF81101FS 4/24/14 1 - 2	
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	
PCB Congeners	CI10-BZ#209	MG/KG											
	CI2-BZ#8	MG/KG											
	CI3-BZ#18	MG/KG											
	CI3-BZ#28	MG/KG											
	CI4-BZ#44	MG/KG											
	CI4-BZ#49	MG/KG											
	CI4-BZ#52	MG/KG											
	CI4-BZ#66	MG/KG											
	CI4-BZ#77	MG/KG											
	CI5-BZ#101	MG/KG											
	CI5-BZ#105	MG/KG											
	CI5-BZ#118	MG/KG											
	CI5-BZ#126	MG/KG											
	CI5-BZ#128	MG/KG											
	CI5-BZ#87	MG/KG											
	CI6-BZ#138	MG/KG											
	CI6-BZ#153	MG/KG											
	CI6-BZ#170	MG/KG											
	CI7-BZ#180	MG/KG											
	CI7-BZ#183	MG/KG											
CI7-BZ#184	MG/KG												
CI7-BZ#187	MG/KG												
CI8-BZ#195	MG/KG												
CI9-BZ#206	MG/KG												
SVOCs	3 & 4 Methylphenol	MG/KG	3.28 U		R			0.426 U		0.558 U		0.446 U	0.462 U
	Acenaphthene	MG/KG	0.164 UJ		R			0.0179 J		0.0223 U		R	0.0185 U
	Acenaphthylene	MG/KG	0.164 UJ		0.0895 J			0.0153 J		0.0223 U		R	0.0185 U
	Anthracene	MG/KG	0.164		R			0.0226		0.0223 U		0.0557	0.0185
	Benzo(a)anthracene	MG/KG	0.262		0.371 J			0.0162		0.0223 U		0.1	0.0869
	Benzo(a)pyrene	MG/KG	0.238		0.315 J			0.0115		0.0223 U		0.0936	0.073
	Benzo(b)fluoranthene	MG/KG	0.213		0.635 J			0.00938 J		0.0223 U		0.118 J	0.074
	Benzo(ghi)perylene	MG/KG	0.164 U		0.149 J			0.00852 U		0.0223 U		0.0668	0.0518
	Benzo(k)fluoranthene	MG/KG	0.328		0.418 J			0.0158		0.0223 U		0.0802	0.0693
	Bis(2-Ethylhexyl)phthalate	MG/KG	3.28 U		R			0.426 UJ		0.558 U		0.446 UJ	0.462 U
	Carbazole	MG/KG	3.28 U		R			0.426 UJ		0.558 U		0.446 UJ	0.462 U
	Chrysene	MG/KG	0.287		0.294 J			0.0153		0.0223 U		0.1	0.0629
	Dibenz(a,h)anthracene	MG/KG	0.164 U		0.0852 J			0.00852 U		0.0223 U		0.0446 U	0.0231
	Fluoranthene	MG/KG	0.606		0.656 J			0.0401		0.048		0.214	0.165
	Fluorene	MG/KG	0.164 U		R			0.0217 J		0.0223 U		0.0446 UJ	0.0185 U
	Indeno(1,2,3-cd)pyrene	MG/KG	0.164 U		0.166 J			0.00852 U		0.0223 U		0.0691	0.0527
	Naphthalene	MG/KG	0.164 UJ		R			0.0115 J		0.0223 U		R	0.0185 U
	Phenanthrene	MG/KG	0.287		0.256 J			0.0482		0.0346		0.143	0.14
Pyrene	MG/KG	0.606		0.558 J			0.0332		0.0424		0.216	0.149	
TOC	Total Organic Carbon	MG/KG	40,800		51,700 J			62,600		29,100 J		63,900	52,000 J
Solids	Percent Solids	PERCENT	30.6		29.3			58.7				56.1	53.9

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-OF8-11 SD14OF1102FS 4/7/15 2 - 3	SD2014-OF8-11 SD14OF1103FSH 4/7/15 3 - 4	SD2014-OF8-12 SD14OF81200FS 4/24/14 0 - 0.5	SD2014-OF8-12 SD14OF81201FS 4/24/14 1 - 2	SD2014-OF8-12 SD14OF1202FS 4/7/15 2 - 3	SD2014-OF8-12 SD14OF1203FSH 4/7/15 3 - 4	SD2014-OF8-13 SD14OF81300FS 4/23/14 0 - 0.5	SD2014-OF8-13 SD14OF81301FS 4/23/14 1 - 2	SD2014-OF8-13 SD14OF1302FS 4/7/15 2 - 3	SD2014-OF8-13 SD14OF1303FSH 4/7/15 3 - 4
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.025 U	0.025 U	0.0358 U	0.0492 UJ	0.025 U	0.025 U	0.0474 UJ	0.0745 U	0.025 U	0.025 U
	Aroclor-1232	MG/KG	0.025 U	0.025 U	0.0358 U	0.0492 UJ	0.025 U	0.025 U	0.0474 UJ	0.0745 U	0.025 U	0.025 U
	Aroclor-1242	MG/KG	0.025 U	0.025 U	0.0358 U	0.0492 UJ	0.025 U	0.025 U	0.0474 UJ	0.0745 U	0.025 U	0.025 U
	Aroclor-1248	MG/KG	0.025 U	0.025 U	0.0358 U	0.0492 UJ	0.057	0.025 U	0.0474 UJ	0.0745 U	0.025 U	0.025 U
	Aroclor-1254	MG/KG	0.025 U	0.025 U	0.0358 U	0.0492 UJ	0.19	0.025 U	0.0474 UJ	0.0745 U	0.025 U	0.16
	Aroclor-1260	MG/KG	0.025 U	0.025 U	0.0358 U	0.0492 UJ	0.37	0.025 U	0.0474 UJ	0.0745 U	0.095	0.3
	Aroclor-1262	MG/KG	0.025 U	0.025 U	0.0358 U	0.0492 UJ	0.77	0.025 U	0.0474 UJ	0.0745 U	0.38	0.76
	Aroclor-1268	MG/KG	0.025 U	0.025 U	0.0358 U	0.0492 UJ	0.14	0.025 U	0.826 J	0.0745 U	0.23	0.16
	Total Aroclors (CALC)	MG/KG	0.025 U	0.025 U	0.0358 U	0.0492 UJ	1.527	0.025 U	0.826 J	0.0745 U	0.705	1.38
PCB Homologs	Cl10-BZ#209	MG/KG			0.0358 U	0.0492 U			0.0474 U	0.0745 U		
	Decachlorobiphenyl (total)	MG/KG	0.0005 U	0.0005 U			0.015	0.0005 U			0.046	0.001
	Dichlorobiphenyl (total)	MG/KG	0.0024 U	0.0032	0.00715 U	0.00984 U	0.031	0.0024 U	0.00948 U	0.0149 U	0.0016 U	0.0048 U
	Heptachlorobiphenyl (total)	MG/KG	0.0036 U	0.004 U	0.0215 U	0.0295 U	0.28	0.0036 U	0.0284 U	0.0447 U	0.91	0.45
	Hexachlorobiphenyl (total)	MG/KG	0.0042 U	0.005	0.0143 U	0.0197 U	0.37	0.0042 U	0.019 U	0.0298 U	0.15	0.24
	Monochlorobiphenyl (total)	MG/KG	0.0009 U	0.0009 U	0.00715 U	0.00984 U	0.009 U	0.0009 U	0.00948 U	0.0149 U	0.0015	0.0018 U
	Nonachlorobiphenyl (total)	MG/KG	0.0009 U	0.0009 U	0.0358 U	0.0492 U	0.15	0.0024	0.0474 U	0.0745 U	0.55	0.34
	Octachlorobiphenyl (total)	MG/KG	0.0024 U	0.0024 U	0.0215 U	0.0295 U	0.3	0.0042	0.0284 U	0.0447 U	1.1	0.97
	Pentachlorobiphenyl (total)	MG/KG	0.0046 U	0.0073	0.0143 U	0.0197 U	0.39	0.0046 UJ	0.019 U	0.0298 U	0.13	0.22
	Tetrachlorobiphenyl (total)	MG/KG	0.0042 U	0.0041 U	0.0143 U	0.0197 U	0.11	0.0042 U	0.019 U	0.0298 U	0.022	0.032
	Trichlorobiphenyl (total)	MG/KG	0.0024 U	0.0024 U	0.00715 U	0.00984 U	0.019	0.0024 U	0.00948 U	0.0149 U	0.0021 U	0.022
Total Homolog (PCBs)	MG/KG	0.030 U	0.029 U	0.089 U	0.123 U	1.700	0.030 U	0.119 U		2.900	2.300	
Metals	Antimony	MG/KG			1.83 J	1.97 U			1.9 U	3.1		
	Arsenic*	MG/KG	2.96	1.91	5.12	9.36	8.89	6.51	6.55	9.37	13.4	14.9
	Cadmium*	MG/KG	0.5 U	0.5 U	0.941	5.4	6.85	0.79	1.28	2.19	1.88	4.98
	Chromium*	MG/KG	43	13 J	507	6,120	2,810	352	737	4,210	3,580	8,370 J
	Copper*	MG/KG	17 J	7	319	1,640	744	87	630	3,690	3,530 J	4,130
	Lead*	MG/KG	5.79	4.46	70.4	218	360 J	29.7	169	293	931	337
	Manganese	MG/KG			165	342			214	329		
	Mercury*	MG/KG	0.05 U	0.05 U	0.0472 U		0.26	0.07	0.0626 U		0.45	0.77
	Nickel*	MG/KG	8.83	7.35	39.4	311	123	32.4	56.4	264	284	533
	Selenium	MG/KG			1.43 U	1.97 U			1.95	2.98 U		
	Silver	MG/KG	0.5 U	0.5 U	2.45	3.18	9.61	1.09	4.37	20.4	14.9	5.26
	Zinc*	MG/KG	19.8	18.1	141	319	242	56.3	189	298	360	412
Average ERM-Q (8 Metals)	NA	0.08	0.06	0.60	4.00	2.30	0.33	1.01	4.76	4.73	6.62	
Cyanide	Cyanide, Total	MG/KG			0.715 U	5.41 J			0.948 U	15.8 J		
PAHs	Acenaphthene	MG/KG	0.01 U	0.01 U							0.056 J	0.087
	Acenaphthylene	MG/KG	0.01 U	0.01 U							0.056 J	0.17
	Anthracene	MG/KG	0.01 U	0.01 U							0.13	0.19
	Benzo(a)anthracene	MG/KG	0.01 U	0.01 U							0.58	1.5
	Benzo(a)pyrene	MG/KG	0.01 U	0.01 U							0.68	1.7
	Benzo(b)fluoranthene	MG/KG	0.01 U	0.01 U							1.4	1.8
	Benzo(ghi)perylene	MG/KG	0.01 U	0.01 U							0.48	1.1
	Benzo(k)fluoranthene	MG/KG	0.01 U	0.01 U							1.4	1.6
	Chrysene	MG/KG	0.01 U	0.01 U							0.7	1.9
	Dibenz(a,h)anthracene	MG/KG	0.01 U	0.01 U							0.21	0.37
	Fluoranthene	MG/KG	0.012	0.0096 J							1.4	3
	Fluorene	MG/KG	0.01 U	0.01 U							0.072 J	0.11
	Indeno(1,2,3-cd)pyrene	MG/KG	0.01 U	0.01 U							0.5	1
	Naphthalene	MG/KG	0.01 U	0.01 UJ							0.1 U	0.078 J
	Phenanthrene	MG/KG	0.01 J	0.018 U							0.63	1
	Pyrene	MG/KG	0.01 J	0.01 U							1.1	2.5

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-OF8-11 SD14OF1102FS 4/7/15 2 - 3	SD2014-OF8-11 SD14OF1103FSH 4/7/15 3 - 4	SD2014-OF8-12 SD14OF81200FS 4/24/14 0 - 0.5	SD2014-OF8-12 SD14OF81201FS 4/24/14 1 - 2	SD2014-OF8-12 SD14OF1202FS 4/7/15 2 - 3	SD2014-OF8-12 SD14OF1203FSH 4/7/15 3 - 4	SD2014-OF8-13 SD14OF81300FS 4/23/14 0 - 0.5	SD2014-OF8-13 SD14OF81301FS 4/23/14 1 - 2	SD2014-OF8-13 SD14OF1302FS 4/7/15 2 - 3	SD2014-OF8-13 SD14OF1303FSH 4/7/15 3 - 4
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Congeners	CI10-BZ#209	MG/KG	0.0001 U	0.0002 U							0.12	0.024 J
	CI2-BZ#8	MG/KG	0.0001 U	0.0002 U							0.01 U	0.0002 U
	CI3-BZ#18	MG/KG	0.0001 U	0.0002 U							0.01 U	0.0002 U
	CI3-BZ#28	MG/KG	0.0001 U	0.0002 U							0.01 U	0.0002 U
	CI4-BZ#44	MG/KG	0.0001 U	0.0002 U							0.01 U	0.0061 J
	CI4-BZ#49	MG/KG	0.0001 U	0.0002 U							0.01 U	0.0048 J
	CI4-BZ#52	MG/KG	0.0001 U	0.0002 U							0.014	0.011 J
	CI4-BZ#66	MG/KG	0.0001 U	0.0002 U							0.01 U	0.0051 J
	CI4-BZ#77	MG/KG	0.0001 U	0.0002 U							0.01 U	0.0002 U
	CI5-BZ#101	MG/KG	0.00018	0.0002 U							0.049	0.035 J
	CI5-BZ#105	MG/KG	0.0001 U	0.0002 U							0.01 U	0.01 J
	CI5-BZ#118	MG/KG	0.0001 U	0.0002 U							0.022	0.021 J
	CI5-BZ#126	MG/KG	0.0001 U	0.0002 U							0.0083 J	0.0002 U
	CI5-BZ#128	MG/KG	0.0001 U	0.0002 U							0.014	0.014 J
	CI5-BZ#87	MG/KG	0.0001 U	0.0002 U							0.017	0.017 J
	CI6-BZ#138	MG/KG	0.00026	0.0002 U							0.067	0.056 J
	CI6-BZ#153	MG/KG	0.00022	0.0002 U							0.098	0.075 J
	CI6-BZ#170	MG/KG	0.0001 U	0.0002 U							0.04	0.028 J
	CI7-BZ#180	MG/KG	0.00021	0.0002 U							0.31	0.11 J
	CI7-BZ#183	MG/KG	0.00011	0.0002 U							0.062	0.023 J
CI7-BZ#184	MG/KG	0.0001 U	0.0002 U							0.01 U	0.0002 U	
CI7-BZ#187	MG/KG	0.00017	0.0002 U							0.3	0.09 J	
CI8-BZ#195	MG/KG	0.0001 U	0.0002 U							0.066	0.02 J	
CI9-BZ#206	MG/KG	0.00024	0.0002 U							0.96	0.19 J	
SVOCs	3 & 4 Methylphenol	MG/KG			0.358 U	0.492 U			0.475 U	0.745 U		
	Acenaphthene	MG/KG			R	0.0492 U			0.0951 UJ	0.0298 U		
	Acenaphthylene	MG/KG			R	0.0492 U			0.0951 UJ	0.0298 U		
	Anthracene	MG/KG			0.0572	0.0492 U			0.0951 U	0.0298 U		
	Benzo(a)anthracene	MG/KG			0.154	0.231			0.119	0.0358		
	Benzo(a)pyrene	MG/KG			0.148	0.197			0.0998	0.0313		
	Benzo(b)fluoranthene	MG/KG			0.156 J	0.251			0.0951 U	0.0447		
	Benzo(ghi)perylene	MG/KG			0.106	0.126			0.0951 U	0.0313		
	Benzo(k)fluoranthene	MG/KG			0.181	0.192			0.128	0.0298		
	Bis(2-Ethylhexyl)phthalate	MG/KG			0.358 UJ	0.492 U			0.475 UJ	0.745 U		
	Carbazole	MG/KG			0.358 UJ	0.492 U			0.475 UJ	0.745 U		
	Chrysene	MG/KG			0.136	0.167			0.105	0.0298 U		
	Dibenz(a,h)anthracene	MG/KG			0.0358 U	0.0664			0.0951 U	0.0298 U		
	Fluoranthene	MG/KG			0.358	0.438			0.219	0.0671		
	Fluorene	MG/KG			0.0358 UJ	0.0492 U			0.0951 U	0.0298 U		
	Indeno(1,2,3-cd)pyrene	MG/KG			0.109	0.133			0.0951 U	0.0298 U		
	Naphthalene	MG/KG			R	0.0492 U			R	0.0298 U		
Phenanthrene	MG/KG			0.207	0.266			0.114	0.0447			
Pyrene	MG/KG			0.313	0.394			0.2	0.0596			
TOC	Total Organic Carbon	MG/KG	26,000	24,000	45,900	30,400 J			64,500	34,200 J	6,100	26,000
Solids	Percent Solids	PERCENT			69.9	50.8			52.7			

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-OF8-14 SD14OF81400FS 4/23/14 0 - 0.5	SD2014-OF8-14 SD14OF81401FS 4/23/14 1 - 2	SD2014-OF8-14 SD14OF1402FS 4/7/15 2 - 3	SD2014-OF8-14 SD14OF1403FSH 4/7/15 3 - 4	SD2014-OF8-15 SD14OF81500FS 4/23/14 0 - 0.5	SD2014-OF8-15 SD14OF81501FS 4/23/14 1 - 2	SD2014-OF8-15 SD14OF1502FS 4/7/15 2 - 3	SD2014-OF8-15 SD14OF1503FSH 4/7/15 3 - 4	SD2014-OF8-16 SD14OF81600FS 4/23/14 0 - 0.5	SD2014-OF8-16 SD14OF81601FS 4/23/14 1 - 2
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.0517 UJ	0.0694 UJ	0.025 U	0.025 U	0.0412 U	0.0692 UJ	0.025 U	0.025 U	0.0444 U	0.0415 UJ
	Aroclor-1232	MG/KG	0.0517 UJ	0.0694 UJ	0.025 U	0.025 U	0.0412 U	0.0692 UJ	0.025 U	0.025 U	0.0444 U	0.0415 UJ
	Aroclor-1242	MG/KG	0.0517 UJ	0.0694 UJ	0.025 U	0.025 U	0.0412 U	0.0692 UJ	0.025 U	0.025 U	0.0444 U	0.0415 UJ
	Aroclor-1248	MG/KG	0.0517 UJ	0.0694 UJ	0.039	0.025 U	0.0412 U	0.0692 UJ	0.025 U	0.025 U	0.0444 U	0.0415 UJ
	Aroclor-1254	MG/KG	0.0517 UJ	0.0694 UJ	0.15	0.025 U	0.0412 U	0.0692 UJ	0.025 U	0.025 U	0.0444 U	0.0415 UJ
	Aroclor-1260	MG/KG	0.0517 UJ	0.0694 UJ	0.52	0.025 U	0.0412 U	0.0692 UJ	0.036	0.025 U	0.0444 U	0.0415 UJ
	Aroclor-1262	MG/KG	0.0517 UJ	0.0694 UJ	1.9	0.025 U	0.0412 U	0.0692 UJ	0.055	0.025 U	0.0444 U	0.0415 UJ
	Aroclor-1268	MG/KG	0.0517 UJ	0.0694 UJ	0.58	0.025 U	0.0412 U	0.0692 UJ	0.025 U	0.025 U	0.0444 U	0.0415 UJ
	Total Aroclors (CALC)	MG/KG	0.0517 UJ	0.0694 UJ	3.189	0.025 U	0.0412 U	0.0692 UJ	0.091	0.025 U	0.0444 U	0.0415 UJ
PCB Homologs	Cl10-BZ#209	MG/KG	0.0517 U	0.0694 U			0.0412 U	0.0692 U			0.0444 U	0.0415 U
	Decachlorobiphenyl (total)	MG/KG			0.097	0.0005 U			0.001	0.0175 U		
	Dichlorobiphenyl (total)	MG/KG	0.0103 U	0.0139 U	0.024 U	0.0024 U	0.00825 U	0.0138 U	0.0024 U	0.0048 U	0.00888 U	0.0083 U
	Heptachlorobiphenyl (total)	MG/KG	0.031 U	0.0417 U	0.95	0.0038	0.0247 U	0.0415 U	0.022	0.1437 U	0.0266 U	0.0249 U
	Hexachlorobiphenyl (total)	MG/KG	0.0207 U	0.0278 U	0.37	0.0042 U	0.0165 U	0.0277 U	0.019	0.0723 U	0.0178 U	0.0166 U
	Monochlorobiphenyl (total)	MG/KG	0.0103 U	0.0139 U	0.009 U	0.0009 U	0.00825 U	0.0138 U	0.0009 U	0.0018 U	0.00888 U	0.0083 U
	Nonachlorobiphenyl (total)	MG/KG	0.0517 U	0.0694 U	1.1	0.0009 U	0.0412 U	0.0692 U	0.011	0.0789 U	0.0444 U	0.0415 U
	Octachlorobiphenyl (total)	MG/KG	0.031 U	0.0417 U	1.9	0.0024 U	0.0247 U	0.0415 U	0.031	0.1624 U	0.0266 U	0.0249 U
	Pentachlorobiphenyl (total)	MG/KG	0.0207 U	0.0278 U	0.27	0.0046 UJ	0.0165 U	0.0277 U	0.021	0.0567 UJ	0.0178 U	0.0166 U
	Tetrachlorobiphenyl (total)	MG/KG	0.0207 U	0.0278 U	0.088	0.0042 U	0.0165 U	0.0277 U	0.007	0.0125 U	0.0178 U	0.0166 U
	Trichlorobiphenyl (total)	MG/KG	0.0103 U	0.0139 U	0.026	0.0024 U	0.00825 U	0.0138 U	0.0024 U	0.0048 U	0.00888 U	0.0083 U
Total Homolog (PCBs)	MG/KG	0.129 U	0.174 U	4.800	0.030 U	0.103 U	0.173 U	0.110	0.560 U	0.111 U	0.104 U	
Metals	Antimony	MG/KG	2.07 U	2.78 U			1.65 U	2.77 U			2.66 J	1.66 U
	Arsenic*	MG/KG	8.34	12.3	12.5	8.1	5.31	10.7	3.08	8.01	5.14	3.06
	Cadmium*	MG/KG	2.16	14	72.2	1.28	1.16	5.26	1.82	0.5 U	1.03	0.83 U
	Chromium*	MG/KG	1,000	15,500	5,920	270	278	2,370	675	53	120	131
	Copper*	MG/KG	856	2,610	2,430	160	442	1,320	190	19	399	150
	Lead*	MG/KG	183	341	1100 J	89.9	198	272	61.7 J	11.5	250	78
	Manganese	MG/KG	286	532			191	303			242	225
	Mercury*	MG/KG	0.0682 U		0.41	0.07	0.0544 U		0.08	0.06	0.0586 U	
	Nickel*	MG/KG	75.8	688	419	35.3	31	132	39.9	20.7	21.9	21.9
	Selenium	MG/KG	2.07 U	2.78 U			1.65 U	2.77 U			2.18	1.66 U
	Silver	MG/KG	4.58	5.25	3.4	0.5 U	2.27	2.77 U	0.5 U	0.5 U	1.78 U	1.66 U
	Zinc*	MG/KG	264	540	444	89.8	185	361	69.3	61.3	182	116
Average ERM-Q (8 Metals)	NA	1.30	8.85	5.98	0.38	0.64	2.13	0.52	0.14	0.53	0.29	
Cyanide	Cyanide, Total	MG/KG	1.03 U	16 J			0.825 U	11.5 J			0.888 U	0.83 UJ
PAHs	Acenaphthene	MG/KG										
	Acenaphthylene	MG/KG										
	Anthracene	MG/KG										
	Benzo(a)anthracene	MG/KG										
	Benzo(a)pyrene	MG/KG										
	Benzo(b)fluoranthene	MG/KG										
	Benzo(ghi)perylene	MG/KG										
	Benzo(k)fluoranthene	MG/KG										
	Chrysene	MG/KG										
	Dibenz(a,h)anthracene	MG/KG										
	Fluoranthene	MG/KG										
	Fluorene	MG/KG										
	Indeno(1,2,3-cd)pyrene	MG/KG										
	Naphthalene	MG/KG										
	Phenanthrene	MG/KG										
Pyrene	MG/KG											

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-OF8-14 SD14OF81400FS 4/23/14 0 - 0.5	SD2014-OF8-14 SD14OF81401FS 4/23/14 1 - 2	SD2014-OF8-14 SD14OF1402FS 4/7/15 2 - 3	SD2014-OF8-14 SD14OF1403FSH 4/7/15 3 - 4	SD2014-OF8-15 SD14OF81500FS 4/23/14 0 - 0.5	SD2014-OF8-15 SD14OF81501FS 4/23/14 1 - 2	SD2014-OF8-15 SD14OF1502FS 4/7/15 2 - 3	SD2014-OF8-15 SD14OF1503FSH 4/7/15 3 - 4	SD2014-OF8-16 SD14OF81600FS 4/23/14 0 - 0.5	SD2014-OF8-16 SD14OF81601FS 4/23/14 1 - 2	
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	
PCB Congeners	CI10-BZ#209	MG/KG											
	CI2-BZ#8	MG/KG											
	CI3-BZ#18	MG/KG											
	CI3-BZ#28	MG/KG											
	CI4-BZ#44	MG/KG											
	CI4-BZ#49	MG/KG											
	CI4-BZ#52	MG/KG											
	CI4-BZ#66	MG/KG											
	CI4-BZ#77	MG/KG											
	CI5-BZ#101	MG/KG											
	CI5-BZ#105	MG/KG											
	CI5-BZ#118	MG/KG											
	CI5-BZ#126	MG/KG											
	CI5-BZ#128	MG/KG											
	CI5-BZ#87	MG/KG											
	CI6-BZ#138	MG/KG											
	CI6-BZ#153	MG/KG											
	CI6-BZ#170	MG/KG											
	CI7-BZ#180	MG/KG											
	CI7-BZ#183	MG/KG											
CI7-BZ#184	MG/KG												
CI7-BZ#187	MG/KG												
CI8-BZ#195	MG/KG												
CI9-BZ#206	MG/KG												
SVOCs	3 & 4 Methylphenol	MG/KG	0.517 U		0.691 U			0.412 U		0.693 U		0.444 U	0.797
	Acenaphthene	MG/KG	0.103 UJ		0.0276 U			0.0825 UJ		0.0277 U		0.0888 UJ	0.083 U
	Acenaphthylene	MG/KG	0.103 UJ		0.0276 U			0.0825 UJ		0.0277 U		0.0888 UJ	0.108
	Anthracene	MG/KG	0.103 U		0.0276 U			0.107		0.0277 U		0.142	0.083 U
	Benzo(a)anthracene	MG/KG	0.139		0.0539			0.153		0.0818		0.342	0.423
	Benzo(a)pyrene	MG/KG	0.176		0.0456			0.173		0.0638		0.382	0.336
	Benzo(b)fluoranthene	MG/KG	0.103		0.0649			0.153		0.104		0.355	0.465
	Benzo(ghi)perylene	MG/KG	0.103 U		0.0276 U			0.115		0.0374		0.244	0.183
	Benzo(k)fluoranthene	MG/KG	0.196		0.0442			0.181		0.0652		0.448	0.303
	Bis(2-Ethylhexyl)phthalate	MG/KG	0.517 U		0.691 UJ			0.412 U		0.693 UJ		0.444 UJ	0.415 UJ
	Carbazole	MG/KG	0.517 U		0.691 UJ			0.412 U		0.693 U		0.444 UJ	0.415 U
	Chrysene	MG/KG	0.16		0.0415			0.165		0.0582		0.346	0.315
	Dibenz(a,h)anthracene	MG/KG	0.103 U		0.0276 U			0.0825 U		0.0277 U		0.107	0.0872
	Fluoranthene	MG/KG	0.382		0.0926			0.371		0.162		0.71	0.759
	Fluorene	MG/KG	0.103 U		0.0276 U			0.0825 U		0.0277 U		0.0888 U	0.083 U
	Indeno(1,2,3-cd)pyrene	MG/KG	0.103 U		0.029			0.103		0.0388		0.218	0.199
	Naphthalene	MG/KG	R		0.0276 UJ			R		0.0277 UJ		R	0.083 UJ
Phenanthrene	MG/KG	0.134		0.0636			0.181		0.119		0.218	0.411	
Pyrene	MG/KG	0.377		0.0898			0.363		0.134		0.71	0.685	
TOC	Total Organic Carbon	MG/KG	41,200		43,500 J			39,200		33,000 J		64,100	14,000 J
Solids	Percent Solids	PERCENT	48.4		36			60.6		36.2		56.3	60.2

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-OF8-16 SD14OF1602FS 4/7/15 2 - 3	SD2014-OF8-16 SD14OF1603FSH 4/7/15 3 - 4	SD2014-OF8-17 SD14OF81700FS 4/23/14 0 - 0.5	SD2014-OF8-17 SD14OF81701FS 4/23/14 1 - 2	SD2014-OF8-17 SD14OF1702FS 4/7/15 2 - 3	SD2014-OF8-17 SD14OF1703FSH 4/7/15 3 - 4	SD2014-OF8-18 SD14OF81800FS 4/22/14 0 - 0.5	SD2014-OF8-18 SD14OF81801FS 4/22/14 1 - 2	SD2014-OF8-18 SD14OF1802FS 4/7/15 2 - 3	SD2014-OF8-18 SD14OF1803FSH 4/7/15 3 - 4
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.025 U	0.025 U	0.0388 U	0.0507 UJ	0.025 U	0.025 U	0.0605 UJ	0.0353 U	0.025 U	0.025 U
	Aroclor-1232	MG/KG	0.025 U	0.025 U	0.0388 U	0.0507 UJ	0.025 U	0.025 U	0.0605 UJ	0.0353 U	0.025 U	0.025 U
	Aroclor-1242	MG/KG	0.025 U	0.025 U	0.0388 U	0.0507 UJ	0.025 U	0.025 U	0.0605 UJ	0.0353 U	0.025 U	0.025 U
	Aroclor-1248	MG/KG	0.026	0.025 U	0.0388 U	0.0507 UJ	0.025 U	0.025 U	0.0605 UJ	0.0353 U	0.025 U	0.025 U
	Aroclor-1254	MG/KG	0.084	0.025 U	0.0388 U	0.0507 UJ	0.05	0.042	0.0605 UJ	0.0353 U	0.025 U	0.025 U
	Aroclor-1260	MG/KG	0.53	0.025 U	0.0388 U	0.0507 UJ	0.55	0.27	0.0605 UJ	0.0353 U	0.082	0.025 U
	Aroclor-1262	MG/KG	0.38	0.025 U	0.0388 U	0.0507 UJ	0.4	1.1	0.0605 UJ	0.0353 U	0.067	0.025 U
	Aroclor-1268	MG/KG	0.21	0.025 U	0.0388 U	0.0507 UJ	0.23	0.24	0.0605 UJ	0.0353 U	0.025 U	0.025 U
	Total Aroclors (CALC)	MG/KG	1.23	0.025 U	0.0388 U	0.0507 UJ	1.23	1.652	0.0605 UJ	0.0353 U	0.149	0.025 U
PCB Homologs	Cl10-BZ#209	MG/KG			0.0388 U	0.0507 U			0.0605 U	0.0353 U		
	Decachlorobiphenyl (total)	MG/KG	0.046	0.001 U			0.022	0.036			0.0025 U	0.0005 U
	Dichlorobiphenyl (total)	MG/KG	0.0024 U	0.0048 U	0.00777 U	0.0101 U	0.0024 U	0.0024 U	0.0121 U	0.00706 U	0.0122 U	0.0024 U
	Heptachlorobiphenyl (total)	MG/KG	0.72	0.0072 U	0.0233 U	0.0304 U	0.29	0.39	0.0363 U	0.0212 U	0.053	0.0035 U
	Hexachlorobiphenyl (total)	MG/KG	0.11	0.0084 U	0.0155 U	0.0203 U	0.091	0.21	0.0411	0.0141 U	0.068	0.0041 U
	Monochlorobiphenyl (total)	MG/KG	0.0009 U	0.0018 U	0.00777 U	0.0101 U	0.00091 U	0.0009 U	0.0121 U	0.00706 U	0.0046 U	0.0009 U
	Nonachlorobiphenyl (total)	MG/KG	0.49	0.0018 U	0.0388 U	0.0507 U	0.25	0.41	0.0605 U	0.0353 U	0.016	0.0009 U
	Octachlorobiphenyl (total)	MG/KG	0.94	0.0048 U	0.0233 U	0.0304 U	0.47	0.7	0.0363 U	0.0212 U	0.036	0.0024 U
	Pentachlorobiphenyl (total)	MG/KG	0.1	0.0092 U	0.0155 U	0.0203 U	0.095	0.25	0.0339	0.0141 U	0.058	0.0045 U
	Tetrachlorobiphenyl (total)	MG/KG	0.026	0.0084 U	0.0155 U	0.0203 U	0.012	0.072	0.0242 U	0.0141 U	0.0213 U	0.0041 U
	Trichlorobiphenyl (total)	MG/KG	0.0024 U	0.0048 U	0.00777 U	0.0101 U	0.0064	0.0069	0.0121 U	0.00706 U	0.026	0.0024 U
Total Homolog (PCBs)	MG/KG	2.400	0.060 U	0.097 U	0.127 U	1.200	2.100	0.202	0.088 U	0.280	0.029 U	
Metals	Antimony	MG/KG			1.55 U	2.03 U			2.42 U	1.41 U		
	Arsenic*	MG/KG	13.9	16.9	4.09	2.03 U	9.64	10.9	4.91	1.51	3.39	3.92
	Cadmium*	MG/KG	7.33	6.33	0.777 U	1.01 U	7.61	23.1	1.3	0.706 U	1.1	0.5 U
	Chromium*	MG/KG	7,240	8,820 J	125	37	3,920	7,100 J	807	142	208	19 J
	Copper*	MG/KG	1,620 J	4,470	125	48	1,180 J	1,500	567	134	155	15
	Lead*	MG/KG	401	2060	47.6	38.6	220	473	103	33.6	68.4 J	6.48
	Manganese	MG/KG			146	184			222	100		
	Mercury*	MG/KG	0.66	0.57	0.0513 U		0.36	0.45	0.0799 U		0.16	0.05 U
	Nickel*	MG/KG	291	1110	19.6	17	216	334	70.2	15.1	19.5	12.2
	Selenium	MG/KG			1.55 U	2.03 U			2.42 U	1.41 U		
	Silver	MG/KG	2.53	2.68	1.55 U	2.03 U	2.17	2.97	3.88	1.41 U	0.58	0.5 U
	Zinc*	MG/KG	422	575	99.3	89.4	258	333	196	58.2	99.4	42.3
Average ERM-Q (8 Metals)	NA	5.24	9.30	0.24	0.17	2.79	4.70	0.98	0.21	0.30		
Cyanide	Cyanide, Total	MG/KG			0.777 U	1.01 UJ			1.45	0.706 UJ		
PAHs	Acenaphthene	MG/KG	0.084 J	0.26			2 U	0.2				0.01 U
	Acenaphthylene	MG/KG	0.12	0.73			1	0.2				0.01 U
	Anthracene	MG/KG	0.18	2			3.5	0.4				0.01 U
	Benzo(a)anthracene	MG/KG	1.3	5.1			17	2				0.029
	Benzo(a)pyrene	MG/KG	1.4	4			12	2.1				0.034
	Benzo(b)fluoranthene	MG/KG	1.6	3.6			10	2.4				0.034
	Benzo(ghi)perylene	MG/KG	1.1	1.8			5.1	1.2				0.033
	Benzo(k)fluoranthene	MG/KG	1.2	3.1			11	1.7				0.031
	Chrysene	MG/KG	1.6	5.3			16	2.5				0.037
	Dibenz(a,h)anthracene	MG/KG	0.24	0.46			1.9 J	0.35				0.01 U
	Fluoranthene	MG/KG	3.5	8.1			37	4.5				0.052
	Fluorene	MG/KG	0.095 J	0.71			1.8 J	0.3				0.01 U
	Indeno(1,2,3-cd)pyrene	MG/KG	0.92	1.9			5.7	1.2				0.027
	Naphthalene	MG/KG	0.1 U	0.38 J			2 U	0.1 J				0.01 UJ
	Phenanthrene	MG/KG	0.91	3.9			16	1.9				0.046 U
	Pyrene	MG/KG	2.9	8.6			34	4				0.074

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-OF8-16 SD14OF1602FS 4/7/15 2 - 3	SD2014-OF8-16 SD14OF1603FSH 4/7/15 3 - 4	SD2014-OF8-17 SD14OF81700FS 4/23/14 0 - 0.5	SD2014-OF8-17 SD14OF81701FS 4/23/14 1 - 2	SD2014-OF8-17 SD14OF1702FS 4/7/15 2 - 3	SD2014-OF8-17 SD14OF1703FSH 4/7/15 3 - 4	SD2014-OF8-18 SD14OF81800FS 4/22/14 0 - 0.5	SD2014-OF8-18 SD14OF81801FS 4/22/14 1 - 2	SD2014-OF8-18 SD14OF1802FS 4/7/15 2 - 3	SD2014-OF8-18 SD14OF1803FSH 4/7/15 3 - 4							
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual							
PCB Congeners	CI10-BZ#209	MG/KG	0.0097		0.0019				0.0071		0.051		0.0002 U						
	CI2-BZ#8	MG/KG	0.001 U		0.0015				0.001 U		0.0002 U		0.0002 U						
	CI3-BZ#18	MG/KG	0.0018		0.001 U				0.001 U		0.0002 U		0.0002 U						
	CI3-BZ#28	MG/KG	0.0027		0.001 U				0.001 U		0.0079		0.0002 U						
	CI4-BZ#44	MG/KG	0.0024		0.001 U				0.0013		0.0062		0.0002 U						
	CI4-BZ#49	MG/KG	0.0023		0.001 U				0.0011		0.013		0.0002 U						
	CI4-BZ#52	MG/KG	0.0071		0.001 U				0.0019		0.016		0.0002 U						
	CI4-BZ#66	MG/KG	0.0023		0.001 U				0.0019		0.01		0.0002 U						
	CI4-BZ#77	MG/KG	0.001 U		0.001 U				0.001 U		0.0011		0.0002 U						
	CI5-BZ#101	MG/KG	0.017		0.001 U				0.011		0.074		0.00072						
	CI5-BZ#105	MG/KG	0.001 U		0.001 U				0.0015		0.02		0.0002 U						
	CI5-BZ#118	MG/KG	0.013		0.001 U				0.0053		0.052		0.00045						
	CI5-BZ#126	MG/KG	0.001 U		0.001 U				0.001 U		0.006 U		0.0002 U						
	CI5-BZ#128	MG/KG	0.0062		0.001 U				0.003		0.021 U		0.0002 U						
	CI5-BZ#87	MG/KG	0.0061		0.001 U				0.0044		0.029		0.00017 J						
	CI6-BZ#138	MG/KG	0.026		0.001 U				0.015		0.11		0.0009 J						
	CI6-BZ#153	MG/KG	0.026		0.0012				0.015		0.1		0.00071 J						
	CI6-BZ#170	MG/KG	0.0098		0.001 U				0.0066		0.046		0.00022						
	CI7-BZ#180	MG/KG	0.05		0.004				0.032		0.24		0.00034 J						
	CI7-BZ#183	MG/KG	0.011		0.001 U				0.0065		0.055		0.00019 J						
CI7-BZ#184	MG/KG	0.001 U		0.001 U				0.001 U		0.0002 U		0.0002 U							
CI7-BZ#187	MG/KG	0.04		0.002				0.025		0.24		0.00035 J							
CI8-BZ#195	MG/KG	0.0081		0.001 U				0.0053		0.029		0.0002 U							
CI9-BZ#206	MG/KG	0.077		0.0064				0.059		0.4		0.00017 J							
SVOCs	3 & 4 Methylphenol	MG/KG			0.387 U		0.507 U				2.42 U		0.353 U						
	Acenaphthene	MG/KG			0.62 UJ		0.0203 U				0.121 UJ		0.0353 U						
	Acenaphthylene	MG/KG			0.62 UJ		0.0203 U				0.157 J		0.0353						
	Anthracene	MG/KG			0.961		0.0203 U				0.387		0.0353						
	Benzo(a)anthracene	MG/KG			2.6		0.0365				0.92		0.17						
	Benzo(a)pyrene	MG/KG			2.79		0.0294				0.944		0.148						
	Benzo(b)fluoranthene	MG/KG			2.73		0.0507				0.92		0.283						
	Benzo(ghi)perylene	MG/KG			1.52		0.0203 U				0.466		0.102						
	Benzo(k)fluoranthene	MG/KG			2.79		0.0284				1.03		0.138						
	Bis(2-Ethylhexyl)phthalate	MG/KG			0.387 UJ		0.507 UJ				2.42 U		0.353 U						
	Carbazole	MG/KG			0.387 UJ		0.507 U				2.42 U		0.353 U						
	Chrysene	MG/KG			2.67		0.0274				0.932		0.129						
	Dibenz(a,h)anthracene	MG/KG			0.62		0.0203 U				0.206		0.0459						
	Fluoranthene	MG/KG			4.9		0.0568				1.78		0.304						
	Fluorene	MG/KG			0.62 U		0.0203 U				0.127		0.0353 U						
	Indeno(1,2,3-cd)pyrene	MG/KG			1.4		0.0203 U				0.424		0.104						
Naphthalene	MG/KG			R		0.0203 UJ				0.121 UJ		0.0353 U							
Phenanthrene	MG/KG			0.806		0.0254				0.859		0.189							
Pyrene	MG/KG			5.18		0.0548				1.8		0.291							
TOC	Total Organic Carbon	MG/KG	16,000		18,000		20,500		43,300 J		13,000		11,000		28,000		14,000 J		19,000
Solids	Percent Solids	PERCENT					64.4		49.3				41.3		70.8				

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-OF8-19 SD14OF81900FS 4/23/14 0 - 0.5		SD2014-OF8-19 SD14OF81901FS 4/23/14 1 - 2		SD2014-OF8-19 SD14OF1903FS 4/7/15 3 - 4	
			Result	Qual	Result	Qual	Result	Qual
PCB Aroclors	Aroclor-1016	MG/KG	0.055 UJ		0.0531 UJ		0.025 U	
	Aroclor-1232	MG/KG	0.055 UJ		0.0531 UJ		0.025 U	
	Aroclor-1242	MG/KG	0.055 UJ		0.0531 UJ		0.025 U	
	Aroclor-1248	MG/KG	0.055 UJ		0.0531 UJ		0.025 U	
	Aroclor-1254	MG/KG	0.055 UJ		0.0531 UJ		0.66	
	Aroclor-1260	MG/KG	0.055 UJ		0.0531 UJ		0.37	
	Aroclor-1262	MG/KG	0.055 UJ		0.0531 UJ		0.3	
	Aroclor-1268	MG/KG	0.055 UJ		0.135 J		0.11	
	Total Aroclors (CALC)	MG/KG	0.055 UJ		0.135 J		1.44	
PCB Homologs	Cl10-BZ#209	MG/KG	0.055 U		0.0531 U			
	Decachlorobiphenyl (total)	MG/KG					0.0025 U	
	Dichlorobiphenyl (total)	MG/KG	0.011 U		0.0106 U		0.01189 U	
	Heptachlorobiphenyl (total)	MG/KG	0.033 U		0.034		0.11	
	Hexachlorobiphenyl (total)	MG/KG	0.022 U		0.0213 U		0.23	
	Monochlorobiphenyl (total)	MG/KG	0.011 U		0.0106 U		0.0045 U	
	Nonachlorobiphenyl (total)	MG/KG	0.055 U		0.0531 U		0.013	
	Octachlorobiphenyl (total)	MG/KG	0.033 U		0.0723		0.062	
	Pentachlorobiphenyl (total)	MG/KG	0.022 U		0.0223		0.38	
	Tetrachlorobiphenyl (total)	MG/KG	0.022 U		0.0213 U		0.024	
	Trichlorobiphenyl (total)	MG/KG	0.011 U		0.0106 U		0.045	
Total Homolog (PCBs)	MG/KG	0.138 U		0.219		0.880		
Metals	Antimony	MG/KG	2.2 U		2.13 U			
	Arsenic*	MG/KG	5.82		5.14		6.41	
	Cadmium*	MG/KG	1.12		4.91		3.84	
	Chromium*	MG/KG	135		2,790		901	
	Copper*	MG/KG	218		724		246	
	Lead*	MG/KG	113		248		56.7 J	
	Manganese	MG/KG	244		299			
	Mercury*	MG/KG	0.0726 U				0.15	
	Nickel*	MG/KG	24.3		137		69.4	
	Selenium	MG/KG	2.2 U		2.13 U			
	Silver	MG/KG	2.2 U		3.08		4.26	
	Zinc*	MG/KG	204		308		163	
Average ERM-Q (8 Metals)	NA	0.39		2.02		0.87		
Cyanide	Cyanide, Total	MG/KG	1.1 U		1.06 UJ			
PAHs	Acenaphthene	MG/KG						
	Acenaphthylene	MG/KG						
	Anthracene	MG/KG						
	Benzo(a)anthracene	MG/KG						
	Benzo(a)pyrene	MG/KG						
	Benzo(b)fluoranthene	MG/KG						
	Benzo(ghi)perylene	MG/KG						
	Benzo(k)fluoranthene	MG/KG						
	Chrysene	MG/KG						
	Dibenz(a,h)anthracene	MG/KG						
	Fluoranthene	MG/KG						
	Fluorene	MG/KG						
	Indeno(1,2,3-cd)pyrene	MG/KG						
	Naphthalene	MG/KG						
	Phenanthrene	MG/KG						
Pyrene	MG/KG							

TABLE 3-1
ANALYTICAL RESULTS FOR 2014 AND 2015 SEDIMENT SAMPLES

SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

			SD2014-OF8-19 SD14OF81900FS 4/23/14 0 - 0.5		SD2014-OF8-19 SD14OF81901FS 4/23/14 1 - 2		SD2014-OF8-19 SD14OF1903FS 4/7/15 3 - 4	
			Result	Qual	Result	Qual	Result	Qual
PCB Congeners	CI10-BZ#209	MG/KG						
	CI2-BZ#8	MG/KG						
	CI3-BZ#18	MG/KG						
	CI3-BZ#28	MG/KG						
	CI4-BZ#44	MG/KG						
	CI4-BZ#49	MG/KG						
	CI4-BZ#52	MG/KG						
	CI4-BZ#66	MG/KG						
	CI4-BZ#77	MG/KG						
	CI5-BZ#101	MG/KG						
	CI5-BZ#105	MG/KG						
	CI5-BZ#118	MG/KG						
	CI5-BZ#126	MG/KG						
	CI5-BZ#128	MG/KG						
	CI5-BZ#87	MG/KG						
	CI6-BZ#138	MG/KG						
	CI6-BZ#153	MG/KG						
	CI6-BZ#170	MG/KG						
	CI7-BZ#180	MG/KG						
	CI7-BZ#183	MG/KG						
CI7-BZ#184	MG/KG							
CI7-BZ#187	MG/KG							
CI8-BZ#195	MG/KG							
CI9-BZ#206	MG/KG							
SVOCs	3 & 4 Methylphenol	MG/KG	0.55 U		0.531 U			
	Acenaphthene	MG/KG	0.11 UJ		0.0531 U			
	Acenaphthylene	MG/KG	0.11 UJ		0.0531 U			
	Anthracene	MG/KG	0.11 U		0.0531 U			
	Benzo(a)anthracene	MG/KG	0.11 U		0.141			
	Benzo(a)pyrene	MG/KG	0.11 U		0.0956			
	Benzo(b)fluoranthene	MG/KG	0.11		0.149			
	Benzo(ghi)perylene	MG/KG	0.11 U		0.0531 U			
	Benzo(k)fluoranthene	MG/KG	0.11 U		0.093			
	Bis(2-Ethylhexyl)phthalate	MG/KG	0.55 U		0.531 UJ			
	Carbazole	MG/KG	0.55 U		0.531 U			
	Chrysene	MG/KG	0.11 U		0.093			
	Dibenz(a,h)anthracene	MG/KG	0.11 U		0.0531 U			
	Fluoranthene	MG/KG	0.215		0.3			
	Fluorene	MG/KG	0.11 U		0.0531 U			
	Indeno(1,2,3-cd)pyrene	MG/KG	0.11 U		0.0558			
	Naphthalene	MG/KG	R		0.0531 UJ			
	Phenanthrene	MG/KG	0.11 U		0.205			
	Pyrene	MG/KG	0.215		0.25			
	TOC	Total Organic Carbon	MG/KG	54,800		37,600 J		
Solids	Percent Solids	PERCENT	45.5		47			

Notes:

ERM-Q - effects range median quotient for eight metals (value is an average of the ERM-Qs for the eight metals in each sample)

*- metal used in calculation of ERM-Q

Red/bold font indicates average ERM-Q > 0.5, which requires remediation

Data in the table is for analytes detected at least once in the 2014-15 sediment sampling program

FD - field duplicate

MG/KG - milligrams per kilogram (equivalent to parts per million)

R - rejected result

U - not detected

J - estimated value

The average ERM-Q for the eight metals for each sample was calculated as follows:

- dividing the actual sediment metal concentration (for non-detects, the detection limit numeric value was used) at each sample location by the published Effects Range-Medium (ER-M) value (Long, et al. 1995) for the metal; and
- calculating the average of the ER-M ratios for the eight metals at each sample location to derive an average ERM-Q for that sample.

As an example, the following table provides the data and ERM-Q calculations for each metal, as well as the average of the ERM-Q for the 8 metals for sample SD14TFA100FS:

Metal	Concentration (mg/kg)	ER-M Value	Individual Metal ERM-Q*
Arsenic	5.82	70	0.08
Cadmium	1.8	9.6	0.19
Chromium	227	370	0.61
Copper	440	270	1.63
Lead	47.5	218	0.22
Nickel	26.5	51.6	0.51
Silver	1.94	3.7	0.52
Zinc	197	410	0.48
Average ERM-Q for 8 Metals:			0.53

* - calculated by dividing concentration of the metal by the ER-M value

**TABLE 3-2
AVERAGE ERM-Q CALCULATED VALUES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

Area	Location ID	Field Sample ID	Top Depth (ft, bgs)	Bottom Depth (ft,bgs)	Metals Concentrations (mg/kg)								Average ERM-Q
					Arsenic	Cadmium	Chromium	Copper	Lead	Nickel	Silver	Zinc	
Tidal Flats	SD2014-TF-A1	SD14TFA100FS	0	0.5	5.82	1.80	227	440	47.5	26.5	1.94	197	0.53
Tidal Flats	SD2014-TF-A1	SD14TFA101FS	1	2	7.81	1.10	407	1,550	165	31	0.985	331	1.19
Tidal Flats	SD2014-TF-A1	SD14TFA103FS	3	4	5.98	0.5	21.6	12.5	6.61	16.1	0.5	61.8	0.11
Tidal Flats	SD2014-TF-A1	SD14TFA105FS	5	6	6.52	0.5	20.5	12.1	5.65	15.5	0.5	56.1	0.11
Tidal Flats	SD2014-TF-A1	SD14TFA107FS	7	8	6.66	0.5	24.2	14	6.58	18.7	0.5	70.1	0.12
Tidal Flats	SD2014-TF-A2	SD14TFA200FS	0	0.5	9.52	5.19	388	713	84	36.9	3.9	412	0.94
Tidal Flats	SD2014-TF-A2	SD14TFA201FS	1	2	19.4	12.20	1,350	3,290	207	69.3	1.33	1,290	2.90
Tidal Flats	SD2014-TF-A2	SD14TFA202FS	2	3	5.6	0.5	22	11.1	7.24	16	0.5	53.2	0.11
Tidal Flats	SD2014-TF-A2	SD14TFA502FS	2	3	6.94	0.5	24.8	51.9	17.7	17.9	0.5	78.2	0.15
Tidal Flats	SD2014-TF-A3	SD14TFA300FS	0	0.5	5.19	1.6	177	637	60.7	18.3	0.505	260	0.56
Tidal Flats	SD2014-TF-A3	SD14TFA301FS	1	2	6.85	1.13	107	272	29.5	27.6	1.005	185	0.36
Tidal Flats	SD2014-TF-A4	SD14TFA400FS	0	0.5	11	2.91	349	1,560	166	45.8	2.83	631	1.39
Tidal Flats	SD2014-TF-A4	SD14TFA401FS	1	2	5.41	0.441	31.4	110	27.4	24	0.88	137	0.22
Tidal Flats	SD2014-TF-A5	SD14TFA500FS	0	0.5	8.54	1.6	196	562	109	40.6	2.76	356	0.73
Tidal Flats	SD2014-TF-A5	SD14TFA501FS	1	2	6.01	1.7	224	561	97.9	34.1	2.69	306	0.69
Tidal Flats	SD2014-TF-A6	SD14TFA600FS	0	0.5	9.61	3.36	406	1,760	177	46.5	2.12	809	1.55
Tidal Flats	SD2014-TF-A6	SD14TFA601FS	1	2	7.41	3.45	457	1,510	142	43.6	2.53	724	1.40
Tidal Flats	SD2014-TF-A6	SD14TFA602FS	2	3	5.94	0.5	21	60.9	16.7	16	0.5	96.9	0.15
Tidal Flats	SD2014-TF-A7	SD14TFA700FS	0	0.5	4.83	1.33	216	689	73.2	26.8	0.665	360	0.66
Tidal Flats	SD2014-TF-A7	SD14TFA701FS	1	2	9.96	2.44	324	1,950	195	39.6	0.92	838	1.56
Tidal Flats	SD2014-TF-A7	SD14TFA702FS	2	3	6.74	0.5	29.3	259	65.1	21.5	0.5	196	0.31
Tidal Flats	SD2014-TF-B1	SD14TFB100FS	0	0.5	6.58	1.43	169	275	65.9	87	7.32	232	0.78
Tidal Flats	SD2014-TF-B1	SD14TFB101FS	1	2	9.98	8.61	518	1,000	129	50.1	80.7	523	3.85
Tidal Flats	SD2014-TF-B1	SD14TFB103FS	3	4	5.9	0.5	23.7	11.7	6.73	16.6	0.5	59.4	0.11
Tidal Flats	SD2014-TF-B1	SD14TFB105FS	5	6	6.47	0.5	24.8	13.1	8.07	18.5	0.5	66.1	0.12
Tidal Flats	SD2014-TF-B1	SD14TFB107FS	7	8	7.5	0.51	27.4	15.3	9.18	20.7	0.5	72.4	0.13
Tidal Flats	SD2014-TF-B2	SD14TFB200FS	0	0.5	9.18	2.7	312	979	105	46.3	8.47	467	1.21
Tidal Flats	SD2014-TF-B2	SD14TFB201FS	1	2	10	3.17	287	2,060	191	46.2	1.08	793	1.61
Tidal Flats	SD2014-TF-B2	SD14TFB202FS	2	3	4.9	0.5	19.6	9.09	6.03	14.9	0.5	52.4	0.10
Tidal Flats	SD2014-TF-B3	SD14TFB300FS	0	0.5	9.96	2.12	277	1,130	122	46.4	2.74	493	1.09
Tidal Flats	SD2014-TF-B3	SD14TFB301FS	1	2	6.76	0.414	34.7	292	55.3	22.2	0.83	223	0.35
Tidal Flats	SD2014-TF-B4	SD14TFB400FS	0	0.5	10.4	2.32	252	1,200	151	45.1	3.05	582	1.17
Tidal Flats	SD2014-TF-B4	SD14TFB401FS	1	2	5.51	0.414	36.5	294	59.4	25.4	0.83	226	0.36
Tidal Flats	SD2014-TF-B5	SD14TFB500FS	0	0.5	7.75	1.54	199	927	115	45.1	0.805	436	0.87
Tidal Flats	SD2014-TF-B5	SD14TFB501FS	1	2	6.7	0.42	45.1	429	76	26.6	0.84	281	0.45
Tidal Flats	SD2014-TF-B6	SD14TFB600FS	0	0.5	8.22	1.46	163	848	114	39	0.95	426	0.80
Tidal Flats	SD2014-TF-B6	SD14TFB601FS	1	2	2.75	0.365	14	33.8	9.71	10.3	0.73	70.8	0.11

**TABLE 3-2
AVERAGE ERM-Q CALCULATED VALUES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

Area	Location ID	Field Sample ID	Top Depth (ft, bgs)	Bottom Depth (ft,bgs)	Metals Concentrations (mg/kg)								Average ERM-Q
					Arsenic	Cadmium	Chromium	Copper	Lead	Nickel	Silver	Zinc	
Tidal Flats	SD2014-TF-B7	SD14TFB700FS	0	0.5	4.98	1.41	207	647	69.2	25.6	0.665	349	0.63
Tidal Flats	SD2014-TF-B7	SD14TFB701FS	1	2	8.96	1.8	179	1,460	177	33.9	0.835	698	1.20
Tidal Flats	SD2014-TF-B7	SD14TFB703FS	3	4	8.32	0.96	47.5	644	155	26.4	0.58	387	0.63
Tidal Flats	SD2014-TF-C1	SD14TFC100FS	0	0.5	11.3	1.97	763	165	47.1	138	2.97	236	0.91
Tidal Flats	SD2014-TF-C1	SD14TFC101FS	1	2	10.1	2.51	548	143	47	50.2	4.76	197	0.67
Tidal Flats	SD2014-TF-C1	SD14TFC102FS	2	3	5.54	0.5	21.9	10.2	6.29	16.8	0.5	58	0.11
Tidal Flats	SD2014-TF-C2	SD14TFC200FS	0	0.5	7.75	3.42	307	879	94	39.6	50.1	467	2.55
Tidal Flats	SD2014-TF-C2	SD14TFC201FS	1	2	7.19	4.29	427	1,120	90.6	37.6	14.5	555	1.53
Tidal Flats	SD2014-TF-C2	SD14TFC202FS	2	3	5.95	0.5	21.7	9.45	6.19	15.9	0.5	55	0.10
Tidal Flats	SD2014-TF-C3	SD14TFC300FS	0	0.5	7.58	1.56	150	621	88.6	31.8	2.81	349	0.70
Tidal Flats	SD2014-TF-C3	SD14TFC301FS	1	2	4.67	0.4175	24	31.7	10.6	17.1	0.835	67.1	0.13
Tidal Flats	SD2014-TF-C4	SD14TFC400FS	0	0.5	7.15	1.88	210	781	92.9	32.9	1.89	415	0.79
Tidal Flats	SD2014-TF-C4	SD14TFC401FS	1	2	6.31	1.97	325	412	57.3	46	7.09	309	0.82
Tidal Flats	SD2014-TF-C4	SD14TFC402FS	2	3	4.5	0.5	16.8	7.64	4.67	12.8	0.5	46.3	0.09
Tidal Flats	SD2014-TF-C5	SD14TFC500FS	0	0.5	7.98	1.42	156	839	114	31.7	0.835	415	0.77
Tidal Flats	SD2014-TF-C5	SD14TFC501FS	1	2	7.21	0.4615	40.2	548	175	25.5	0.925	308	0.57
Tidal Flats	SD2014-TF-C5	SD14TFC502FS	2	3	3.89	0.5	14.3	39.9	13.1	10.5	0.5	71.5	0.11
Tidal Flats	SD2014-TF-C6	SD14TFC600FS	0	0.5	5.96	0.4305	56.6	419	76.6	21.6	0.86	252	0.43
Tidal Flats	SD2014-TF-C6	SD14TFC601FS	1	2	3.05	0.375	13.1	55.5	19.7	11	0.75	91.6	0.13
Tidal Flats	SD2014-TF-C7	SD14TFC700FS	0	0.5	5.8	1.29	157	452	64.8	30.5	2.11	281	0.56
Tidal Flats	SD2014-TF-C7	SD14TFC701FS	1	2	9.48	4.4	611	2,310	173	52.6	0.9	1,080	1.94
Tidal Flats	SD2014-TF-C7	SD14TFC702FS	2	3	3.37	0.5	13.9	81.7	23	9.49	0.5	72.2	0.13
Tidal Flats	SD2014-TF-D1	SD14TFD100FS	0	0.5	6.21	3.99	207	231	40.6	46.1	2.46	197	0.52
Tidal Flats	SD2014-TF-D1	SD14TFD101FS	1	2	2.74	2.33	186	343	34.2	16	0.845	199	0.40
Tidal Flats	SD2014-TF-D1	SD14TFD102FS	2	3	5.41	0.5	20.8	10.4	6.66	15.6	0.5	54	0.10
Tidal Flats	SD2014-TF-D2	SD14TFD200FS	0	0.5	8.26	3.22	285	907	92.2	41.2	5.77	483	1.07
Tidal Flats	SD2014-TF-D2	SD14TFD201FS	1	2	6.86	0.432	53.9	236	35.8	23	0.865	192	0.31
Tidal Flats	SD2014-TF-D3	SD14TFD300FS	0	0.5	9.28	2.71	345	1,150	119	53.1	5.33	555	1.25
Tidal Flats	SD2014-TF-D3	SD14TFD301FS	1	2	4.4	0.4665	21.7	16.8	7.22	16.5	0.935	60	0.12
Tidal Flats	SD2014-TF-D4	SD14TFD400FS	0	0.5	6.47	2.08	192	604	84.7	40.1	2.54	388	0.73
Tidal Flats	SD2014-TF-D4	SD14TFD401FS	1	2	3.7	0.3745	16.3	138	31.4	13.3	0.75	137	0.20
Tidal Flats	SD2014-TF-D5	SD14TFD500FS	0	0.5	7.92	1.06	118	579	102	30.7	0.85	337	0.60
Tidal Flats	SD2014-TF-D5	SD14TFD501FS	1	2	5.18	0.377	24	160	32.8	23.3	0.755	175	0.25
Tidal Flats	SD2014-TF-D6	SD14TFD600FS	0	0.5	7.78	1.01	88.1	806	121	29.2	0.92	433	0.73
Tidal Flats	SD2014-TF-D6	SD14TFD601FS	1	2	5.57	0.3665	33.4	466	114	18.5	0.735	282	0.46
Tidal Flats	SD2014-TF-D7	SD14TFD700FS	0	0.5	6.52	1.71	156	471	69.2	30.4	0.885	359	0.56
Tidal Flats	SD2014-TF-D7	SD14TFD701FS	1	2	9.41	4.38	718	2,400	192	50	1	1,200	2.06

**TABLE 3-2
AVERAGE ERM-Q CALCULATED VALUES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

Area	Location ID	Field Sample ID	Top Depth (ft, bgs)	Bottom Depth (ft,bgs)	Metals Concentrations (mg/kg)								Average ERM-Q
					Arsenic	Cadmium	Chromium	Copper	Lead	Nickel	Silver	Zinc	
Tidal Flats	SD2014-TF-D7	SD14TFD702FS	2	3	9.87	4.04	396	2170	203	43.7	1.28	1120	1.82
Tidal Flats	SD2014-TF-DE0	SD14TFDE000FS	0	0.5	5.14	4.6	352	318	78.4	663	5.71	276	2.26
Tidal Flats	SD2014-TF-DE0	SD14TFDE001FS	1	2	7.26	2.37	206	141	24	79.6	0.715	133	0.45
Tidal Flats	SD2014-TF-DE0	SD14TFDE003FS	3	4	5.1	0.5	21.7	11.9	6.72	16.1	0.5	59.4	0.11
Tidal Flats	SD2014-TF-DE0	SD14TFDE005FS	5	6	6.21	0.5	22.4	12.6	7.18	17.8	0.5	59.1	0.11
Tidal Flats	SD2014-TF-E1	SD14TFE100FS	0	0.5	8.59	4.59	404	654	97.6	102	5.82	497	1.17
Tidal Flats	SD2014-TF-E1	SD14TFE101FS	1	2	6.52	6.05	464	1,160	110	37.8	0.94	603	1.15
Tidal Flats	SD2014-TF-E1	SD14TFE107FS	7	8	5.27	0.5	21.8	9.38	5.86	15.5	0.5	52.9	0.10
Tidal Flats	SD2014-TF-E2	SD14TFE200FS	0	0.5	5.33	1.91	199	271	70.4	57.1	2.81	207	0.56
Tidal Flats	SD2014-TF-E2	SD14TFE201FS	1	2	5.27	0.442	46.1	276	26.5	19.2	0.885	189	0.31
Tidal Flats	SD2014-TF-E3	SD14TFE300FS	0	0.5	5.91	0.424	69.1	171	35.4	26.8	0.85	152	0.28
Tidal Flats	SD2014-TF-E3	SD14TFE301FS	1	2	3.77	0.39	18.1	10.4	5.27	13.9	0.78	49.4	0.10
Tidal Flats	SD2014-TF-E4	SD14TFE400FS	0	0.5	5.45	0.4155	60.6	278	48.9	21.5	0.83	220	0.34
Tidal Flats	SD2014-TF-E4	SD14TFE401FS	1	2	3.91	0.355	61.2	247	43.8	26.7	0.71	170	0.31
Tidal Flats	SD2014-TF-E5	SD14TFE500FS	0	0.5	2.17	0.397	18.2	79.2	18.3	8.29	0.795	77.5	0.13
Tidal Flats	SD2014-TF-E5	SD14TFE501FS	1	2	2.51	0.344	11.8	101	25.8	9.05	0.69	99.6	0.15
Tidal Flats	SD2014-TF-E6	SD14TFE600FS	0	0.5	6.85	2.9	210	741	107	39.1	2.58	502	0.86
Tidal Flats	SD2014-TF-E6	SD14TFE601FS	1	2	10.4	5.92	678	1,770	181	62.7	10	1,020	2.04
Tidal Flats	SD2014-TF-E6	SD14TFE602FS	2	3	12.2	19.3	1450	2030	187	48.7	2.84	1360	2.44
Tidal Flats	SD2014-TF-EF0	SD14TFEF000FS	0	0.5	6.41	1.39	146	204	58.9	104	4.6	238	0.69
Tidal Flats	SD2014-TF-EF0	SD14TFEF001FS	1	2	3.07	5.04	29.5	19.7	6.15	14.9	0.735	51.7	0.17
Tidal Flats	SD2014-TF-EF0	SD14TFEF003FS	3	4	5.66	0.5	23.8	10.4	6.65	17.1	0.5	58.5	0.11
Tidal Flats	SD2014-TF-EF0	SD14TFEF005FS	5	6	5.73	0.5	24.7	12.6	7.64	18.6	0.5	67.5	0.12
Tidal Flats	SD2014-TF-EF0	SD14TFEF007FS	7	8	7.01	0.56	26.6	14.7	8.59	20.3	0.5	70.1	0.13
Tidal Flats	SD2014-TF-F1	SD14TFF100FS	0	0.5	4.51	3.04	133	195	44.9	40.7	5.44	168	0.54
Tidal Flats	SD2014-TF-F1	SD14TFF101FS	1	2	6.55	3.65	322	746	62.6	34.4	1.75	394	0.81
Tidal Flats	SD2014-TF-F1	SD14TFF102FS	2	3	5.1	0.5	19.1	8.58	5.46	14	0.5	48.7	0.09
Tidal Flats	SD2014-TF-F2	SD14TFF200FS	0	0.5	7.47	2.61	346	603	80.2	64.4	6.9	371	0.99
Tidal Flats	SD2014-TF-F2	SD14TFF201FS	1	2	5.56	0.4325	50.6	215	24.1	18.8	0.865	157	0.27
Tidal Flats	SD2014-TF-F3	SD14TFF300FS	0	0.5	5.15	0.927	94.1	284	42.5	29.8	1.93	197	0.41
Tidal Flats	SD2014-TF-F3	SD14TFF301FS	1	2	3.28	0.386	16.5	9.56	5.18	12.6	0.77	42.8	0.09
Tidal Flats	SD2014-TF-F4	SD14TFF400FS	0	0.5	3.92	0.462	43.1	129	27.6	15.3	0.925	115	0.21
Tidal Flats	SD2014-TF-F4	SD14TFF401FS	1	2	2.4	0.3535	11.2	6.5	3.19	9	0.705	31.4	0.07
Tidal Flats	SD2014-TF-F5	SD14TFF500FS	0	0.5	2.96	0.3965	18.9	48.4	11.9	11.8	0.795	81	0.13
Tidal Flats	SD2014-TF-F5	SD14TFF501FS	1	2	2.5	0.3615	15.8	20.6	5.68	11.8	0.725	52.8	0.10
Tidal Flats	SD2014-TF-F6	SD14TFF600FS	0	0.5	3.94	0.3525	76.4	207	43	24.5	0.705	171	0.29
Tidal Flats	SD2014-TF-F6	SD14TFF601FS	1	2	3.35	0.4335	74.2	223	40	21.5	0.865	166	0.29

**TABLE 3-2
AVERAGE ERM-Q CALCULATED VALUES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

Area	Location ID	Field Sample ID	Top Depth (ft, bgs)	Bottom Depth (ft,bgs)	Metals Concentrations (mg/kg)								Average ERM-Q
					Arsenic	Cadmium	Chromium	Copper	Lead	Nickel	Silver	Zinc	
Tidal Flats	SD2014-TF-G1	SD14TFG100FS	0	0.5	6.72	5.83	298	538	88.7	78.8	12.1	334	1.19
Tidal Flats	SD2014-TF-G1	SD14TFG101FS	1	2	7.53	4.99	251	412	45.2	28.6	0.735	334	0.58
Tidal Flats	SD2014-TF-G1	SD14TFG102FS	2	3	6.17	0.5	30.5	38.7	9.42	16.9	0.5	66.2	0.13
Tidal Flats	SD2014-TF-G2	SD14TFG200FS	0	0.5	6.22	6.07	341	641	88.6	144	16.1	351	1.55
Tidal Flats	SD2014-TF-G2	SD14TFG201FS	1	2	3.95	0.438	22.8	14.2	7.25	16.7	0.875	57.4	0.12
Tidal Flats	SD2014-TF-G3	SD14TFG300FS	0	0.5	4.63	2.13	245	495	57	64.4	5.28	272	0.80
Tidal Flats	SD2014-TF-G3	SD14TFG301FS	1	2	3.38	0.404	20.5	15.3	5.98	14.6	0.81	53	0.11
Tidal Flats	SD2014-TF-G4	SD14TFG400FS	0	0.5	2.88	0.328	33.7	98.9	21.8	15.1	0.655	79.8	0.16
Tidal Flats	SD2014-TF-G4	SD14TFG401FS	1	2	2.36	0.375	12.9	15.9	4.12	8.64	0.75	34.9	0.08
Tidal Flats	SD2014-TF-G5	SD14TFG500FS	0	0.5	7.72	8	478	980	115	53.2	19.9	509	1.76
Tidal Flats	SD2014-TF-G5	SD14TFG501FS	1	2	8.09	13.6	372	969	139	52.3	29.8	465	2.12
Tidal Flats	SD2014-TF-G5	SD14TFG502FS	2	3	9.56	4.92	436	1140	130	46.4	7.64	626	1.39
Tidal Flats	SD2014-TF-GH1	SD14TFGH100FS	0	0.5	3.49	0.768	135	41.9	30	113	0.655	98.1	0.42
Tidal Flats	SD2014-TF-GH1	SD14TFGH101FS	1	2	4.41	1.54	121	123	30.6	121	0.685	123	0.50
Tidal Flats	SD2014-TF-GH1	SD14TFGH103FS	3	4	4.54	0.5	37	13.9	7.05	22.9	0.5	52.4	0.13
Tidal Flats	SD2014-TF-H2	SD14TFH200FS	0	0.5	6.48	2.71	516	469	65.4	75.8	8.91	355	1.07
Tidal Flats	SD2014-TF-H2	SD14TFH201FS	1	2	6.83	1.87	204	592	59.7	32.5	4.96	365	0.77
Tidal Flats	SD2014-TF-H2	SD14TFH203FS	3	4	4.95	0.5	22.3	12.4	6.49	16	0.5	60.9	0.11
Tidal Flats	SD2014-TF-H3	SD14TFH300FS	0	0.5	7.67	2.44	327	829	77.6	65.2	3.42	486	1.01
Tidal Flats	SD2014-TF-H3	SD14TFH301FS	1	2	4.24	0.3985	92.9	174	25.8	44.5	0.795	142	0.32
Tidal Flats	SD2014-TF-H4	SD14TFH400FS	0	0.5	5.88	1.62	228	521	73.1	40	2.51	347	0.68
Tidal Flats	SD2014-TF-H4	SD14TFH401FS	1	2	3.73	0.3785	98.3	219	27.6	33.8	0.755	149	0.31
Tidal Flats	SD2014-TF-H5	SD14TFH500FS	0	0.5	9.92	3.69	668	1,800	153	58.3	4.52	884	1.78
Tidal Flats	SD2014-TF-H5	SD14TFH501FS	1	2	6.85	3.17	452	805	129	43.6	7.8	491	1.17
Tidal Flats	SD2014-TF-H5	SD14TFH502FS	2	3	10.2	1.51	152	1820	180	35.6	1.02	728	1.38
Tidal Flats	SD2014-TF-HJ1	SD14TFHJ100FS	0	0.5	1.59	0.3205	66.8	47.4	16.8	65.6	0.64	65.8	0.26
Tidal Flats	SD2014-TF-HJ1	SD14TFHJ101FS	1	2	0.61	0.305	61.2	22.5	6.85	23.7	0.61	37.2	0.13
Tidal Flats	SD2014-TF-HJ1	SD14TFHJ103FS	3	4	5.55	0.55	61.2	141	15.5	17.1	0.5	118	0.21
Tidal Flats	SD2014-TF-HJ1	SD14TFHJ105FS	5	6	6.37	0.5	35.1	33.7	6.35	19.6	0.5	49.7	0.13
Tidal Flats	SD2014-TF-J2	SD14TFJ200FS	0	0.5	5.25	1.68	307	289	42.7	57.7	3.59	226	0.62
Tidal Flats	SD2014-TF-J2	SD14TFJ201FS	1	2	8.72	3.37	344	838	72.8	33.2	34.3	556	2.01
Tidal Flats	SD2014-TF-J2	SD14TFJ202FS	2	3	5.46	0.5	22.2	10.5	6.07	16.9	0.5	56.5	0.11
Tidal Flats	SD2014-TF-J3	SD14TFJ300FS	0	0.5	4.61	0.981	143	245	32.1	28.2	1.76	176	0.38
Tidal Flats	SD2014-TF-J3	SD14TFJ301FS	1	2	3.6	0.3765	41.8	49.3	10.5	15.2	0.755	68.7	0.14
Tidal Flats	SD2014-TF-J4	SD14TFJ400FS	0	0.5	4.49	0.979	126	269	41	27.8	0.725	206	0.37
Tidal Flats	SD2014-TF-J4	SD14TFJ401FS	1	2	3.63	0.3925	58.8	65.9	11.2	21.4	0.785	85	0.17
Tidal Flats	SD2014-TF-J5	SD14TFJ500FS	0	0.5	5.86	2.14	277	578	72.2	30.9	3.15	342	0.73

**TABLE 3-2
AVERAGE ERM-Q CALCULATED VALUES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

Area	Location ID	Field Sample ID	Top Depth (ft, bgs)	Bottom Depth (ft,bgs)	Metals Concentrations (mg/kg)							Average ERM-Q	
					Arsenic	Cadmium	Chromium	Copper	Lead	Nickel	Silver		Zinc
Tidal Flats	SD2014-TF-J5	SD14TFJ501FS	1	2	4.92	1.68	158	402	49.8	26.8	0.815	259	0.47
Tidal Flats	SD2014-TF-K2	SD14TFK200FS	0	0.5	21	0.3415	15	9.36	4.69	21.5	0.685	50.8	0.14
Tidal Flats	SD2014-TF-K2	SD14TFK201FS	1	2	26.3	0.335	16.4	14.1	4.31	35.2	0.67	36.5	0.18
Tidal Flats	SD2014-TF-K3	SD14TFK300FS	0	0.5	4.25	0.3975	81.4	163	70.7	24.9	0.795	143	0.29
Tidal Flats	SD2014-TF-K3	SD14TFK301FS	1	2	3.42	0.372	54.8	127	16.5	20	0.745	104	0.20
Tidal Flats	SD2014-TF-K4	SD14TFK400FS	0	0.5	2.84	0.346	53	50.6	8.03	14.3	0.69	53.9	0.13
Tidal Flats	SD2014-TF-K4	SD14TFK401FS	1	2	2.09	0.3475	30.1	44.3	6.86	11	0.695	48.4	0.11
Tidal Flats	SD2014-TF-K5	SD14TFK500FS	0	0.5	3.21	0.363	30.7	53.5	14.8	14.6	0.725	90.2	0.14
Tidal Flats	SD2014-TF-K5	SD14TFK501FS	1	2	4.3	0.4105	25.6	38.9	12.2	15.5	0.82	69.7	0.13
Tidal Flats	SD2014-TF-L3	SD14TFL300FS	0	0.5	8.78	6	1,230	905	108	123	9.03	518	1.74
Tidal Flats	SD2014-TF-L3	SD14TFL301FS	1	2	8.73	2.78	569	826	94.9	56.9	5.03	493	1.14
Tidal Flats	SD2014-TF-L3	SD14TFL302FS	2	3	12.7	4.77	994	1310	151	61.2	7.95	600	1.71
Tidal Flats	SD2014-TF-L4	SD14TFL400FS	0	0.5	3.12	0.3495	22.9	23	6.17	12.6	0.7	47.1	0.10
Tidal Flats	SD2014-TF-L4	SD14TFL401FS	1	2	3.1	0.3405	21.1	13.2	5.52	12.9	0.68	48	0.10
Tidal Flats	SD2014-TF-L5	SD14TFL500FS	0	0.5	4.19	0.4305	22	14.7	6.56	16.7	0.86	73.9	0.12
Tidal Flats	SD2014-TF-L5	SD14TFL501FS	1	2	2.09	0.381	60.3	221	25.6	10.6	0.76	121	0.23
Tidal Flats	SD2014-TF-ZA45	SD14TFZA4500FS	0	0.5	12.2	0	211	535	115	38.1	0	297	0.59
Tidal Flats	SD2014-TF-ZA45	SD14TFZA4501FS	1	2	9.81	3.21	744	1,530	162	49.7	7.61	544	1.66
Tidal Flats	SD2014-TF-ZA45	SD14TFZA4502FS	2	3	6.45	0.5	23.5	31.7	12.5	16.9	0.5	62.7	0.12
Tidal Flats	SD2014-TF-ZA56	SD14TFZA5600FS	0	0.5	10.4	2.25	337	872	130	50.1	4.22	439	1.04
Tidal Flats	SD2014-TF-ZA56	SD14TFZA5601FS	1	2	10.2	1.1	136	1,130	192	35.3	1.015	497	0.98
Tidal Flats	SD2014-TF-ZA56	SD14TFZA5603FS	3	4	6.93	0.5	26.8	22.1	11	20	0.5	68	0.13
Tidal Flats	SD2014-TF-ZA67	SD14TFZA6700FS	0	0.5	8.17	2.2	276	703	110	44.2	3.05	428	0.87
Tidal Flats	SD2014-TF-ZA67	SD14TFZA6701FS	1	2	11.4	2.29	229	2,140	208	49.5	0.945	925	1.67
Tidal Flats	SD2015-TF-A01	SD15TFA0103FS	3	4	7	0.5	23.3	11.7	6.89	16.7	0.5	61.3	0.11
Tidal Flats	SD2015-TF-A01	SD15TFA0105FS	5	6	8.53	0.65	26.8	17.6	6.64	15.8	0.5	64.8	0.12
Tidal Flats	SD2015-TF-AB1	SD15TFAB103FS	3	4	6.33	0.5	25.1	12.3	7.04	18.2	0.5	62.1	0.12
Tidal Flats	SD2015-TF-AB1	SD15TFAB105FS	5	6	5.96	0.5	23.1	12	7.04	17.6	0.5	62.7	0.11
Tidal Flats	SD2015-TF-AB1	SD15TFAB107FS	7	8	7.46	0.5	23.5	12.3	6.68	17.7	0.5	60.8	0.12
Tidal Flats	SD2015-TF-AB12	SD15TFAB1203FS	3	4	7.09	0.5	27.2	13	8.36	19.5	0.5	68.3	0.12
Tidal Flats	SD2015-TF-AB12	SD15TFAB1205FS	5	6	9	0.6	31.3	17.8	10.5	23.8	0.5	81.2	0.15
Tidal Flats	SD2015-TF-AB12	SD15TFAB1207FS	7	8	8.11	0.51	25.5	13.2	7.87	19.3	0.5	67.5	0.12
Tidal Flats	SD2015-TF-B12	SD15TFB1203FS	3	4	5.98	0.5	25.6	13.8	7.99	19.5	0.5	68.8	0.12
Tidal Flats	SD2015-TF-B12	SD15TFB1205FS	5	6	6.07	0.5	24.2	12.8	7.5	18.8	0.5	65.8	0.12
Tidal Flats	SD2015-TF-B12	SD15TFB1207FS	7	8	8.15	0.65	29.1	15.9	9.56	22.3	0.5	74.1	0.14
Tidal Flats	SD2015-TF-D0	SD15TFD003FS	3	4	5.64	0.5	26.8	20.4	8.64	21.3	0.5	59.5	0.13
Tidal Flats	SD2015-TF-D0	SD15TFD005FS	5	6	5.97	0.5	26.6	11.4	7.7	19.7	0.5	62.6	0.12

**TABLE 3-2
AVERAGE ERM-Q CALCULATED VALUES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

Area	Location ID	Field Sample ID	Top Depth (ft, bgs)	Bottom Depth (ft,bgs)	Metals Concentrations (mg/kg)							Average ERM-Q	
					Arsenic	Cadmium	Chromium	Copper	Lead	Nickel	Silver		Zinc
Tidal Flats	SD2015-TF-D0	SD15TFD007FS	7	8	6.6	0.6	33	19.3	9.6	28.5	0.5	74.3	0.15
Tidal Flats	SD2015-TF-DE01	SD15TFDE0103FS	3	4	5.58	0.5	21.5	9.97	6.18	15.9	0.5	53.5	0.10
Tidal Flats	SD2015-TF-DE01	SD15TFDE0105FS	5	6	6.55	0.5	23.5	12.6	7.53	18	0.5	61.1	0.12
Tidal Flats	SD2015-TF-DE01	SD15TFDE0107FS	7	8	6.94	0.6	26.9	14.9	8.72	20.4	0.5	65.8	0.13
Tidal Flats	SD2015-TF-E0	SD15TFE003FS	3	4	5.67	0.5	21	9.9	6.57	15.4	0.5	52.9	0.10
Tidal Flats	SD2015-TF-E0	SD15TFE005FS	5	6	6.17	0.5	25	13	7.66	18.5	0.5	66.2	0.12
Tidal Flats	SD2015-TF-E7	SD15TFE700FS	0	0.5	9.02	2.17	192	443	106	43.7	3.05	305	0.68
Tidal Flats	SD2015-TF-E7	SD15TFE701FS	1	2	18.55	6.52	909	1818	270	80.8	4	1388	2.18
Tidal Flats	SD2015-TF-EF01	SD15TFEF0103FS	3	4	5.28	0.5	22.4	9.48	5.96	16.2	0.5	56.1	0.10
Tidal Flats	SD2015-TF-EF01	SD15TFEF0105FS	5	6	6.09	0.5	24.2	12.4	7.35	18.6	0.5	67.7	0.12
Tidal Flats	SD2015-TF-EF01	SD15TFEF0107FS	7	8	8	0.66	30.1	15.7	9.74	22.6	0.5	75.2	0.14
Tidal Flats	SD2015-TF-EF1	SD15TFEF103FS	3	4	5.68	0.5	22.8	10.6	6.77	16.5	0.5	56.5	0.11
Tidal Flats	SD2015-TF-EF1	SD15TFEF105FS	5	6	5.68	0.5	23.1	11.6	6.98	17.6	0.5	64.6	0.11
Tidal Flats	SD2015-TF-F7	SD15TFF700FS	0	0.5	6.64	0.76	26.8	18.6	8.85	21.8	0.5	75.5	0.14
Tidal Flats	SD2015-TF-F7	SD15TFF701FS	1	2	6.58	0.92	27.2	17.8	8.51	22	0.5	76.1	0.14
Tidal Flats	SD2015-TF-F7	SD15TFF702FS	2	3	6.52	0.65	26.4	18.2	8.71	22	0.5	78	0.14
Tidal Flats	SD2015-TF-G6	SD15TFG600FS	0	0.5	6.3	0.75	91.3	250	57.4	24.5	1.34	208	0.37
Tidal Flats	SD2015-TF-G6	SD15TFG601FS	1	2	7.47	0.82	108	298	68.7	30.6	1.73	222	0.44
Tidal Flats	SD2015-TF-G6	SD15TFG602FS	2	3	6.33	1.03	107	305	65.3	30.2	2.03	235	0.45
Tidal Flats	SD2015-TF-G7	SD15TFG700FS	0	0.5	1.85	0.5	21.3	48.7	12.2	7.3	0.5	61	0.10
Tidal Flats	SD2015-TF-G7	SD15TFG702FS	2	3	2.89	0.5	36.7	90.6	22.2	12.1	0.5	103	0.16
Tidal Flats	SD2015-TF-GH12	SD15TFGH1203FS	3	4	6.26	2.15		188	65.4		3.27	187	0.33
Tidal Flats	SD2015-TF-GH12	SD15TFGH1205FS	5	6	5.01	0.5	36.9	12.3	5.54	21	0.5	52.1	0.12
Tidal Flats	SD2015-TF-GH12	SD15TFGH1207FS	7	8	5.41	0.5	24.1	12.3	6.89	18.7	0.5	64.7	0.12
Tidal Flats	SD2015-TF-GH5	SD15TFGH500FS	0	0.5	5.85	4.8	348	559	79.9	135	14.6	360	1.43
Tidal Flats	SD2015-TF-GH5	SD15TFGH502FS	2	3	13.2	4.45	694	1920	173	58.2	7.2	776	1.92
Tidal Flats	SD2015-TF-GH6	SD15TFGH600FS	0	0.5	2.48	0.5	14.9	95.6	14.9	6.73	0.5	72.2	0.12
Tidal Flats	SD2015-TF-GH6	SD15TFGH601FS	1	2	1.86	0.5	12	102	17.2	6.28	0.5	77.9	0.13
Tidal Flats	SD2015-TF-GH7	SD15TFGH700FS	0	0.5	5.29	0.5	22.2	24.1	7.35	17.5	0.5	67.3	0.12
Tidal Flats	SD2015-TF-GH7	SD15TFGH701FS	1	2	5.58	0.5	23.5	15.6	7.6	19	0.5	69.1	0.12
Tidal Flats	SD2015-TF-GH7	SD15TFGH702FS	2	3	6.2	0.65	25.8	18.6	9.48	21.1	0.5	73.2	0.13
Tidal Flats	SD2015-TF-H01	SD15TFH0103FS	3	4	5.65	0.5	47.9	67.8	11.7	14.5	0.5	71.8	0.14
Tidal Flats	SD2015-TF-H01	SD15TFH0105FS	5	6	5.51	0.5	23	12	7.02	16.9	0.5	61.9	0.11
Tidal Flats	SD2015-TF-H01	SD15TFH0107FS	7	8	6.41	0.5	23.5	12.4	6.89	17.2	0.5	58.8	0.11
Tidal Flats	SD2015-TF-H1	SD15TFH103FS	3	4	11.2	6.96	873	1200	119	41.4	9.85	590	1.64
Tidal Flats	SD2015-TF-H1	SD15TFH105FS	5	6	5.56	0.5	23.6	11.8	6.86	17.5	0.5	63.6	0.11
Tidal Flats	SD2015-TF-H1	SD15TFH107FS	7	8	6.89	0.56	27.4	14.3	8.12	19.9	0.5	68.6	0.13

**TABLE 3-2
AVERAGE ERM-Q CALCULATED VALUES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

Area	Location ID	Field Sample ID	Top Depth (ft, bgs)	Bottom Depth (ft,bgs)	Metals Concentrations (mg/kg)								Average ERM-Q
					Arsenic	Cadmium	Chromium	Copper	Lead	Nickel	Silver	Zinc	
Tidal Flats	SD2015-TF-H12	SD15TFH1203FS	3	4	5.47	0.5	19.9	9.86	5.67	14.2	0.5	46.7	0.10
Tidal Flats	SD2015-TF-H12	SD15TFH1205FS	5	6	6.35	0.5	23.3	12.6	7.29	18.2	0.5	60	0.12
Tidal Flats	SD2015-TF-H12	SD15TFH1207FS	7	8	7.21	0.53	26.8	14.4	8.02	19.9	0.5	66.8	0.13
Tidal Flats	SD2015-TF-H6	SD15TFH600FS	0	0.5	1.49	0.5	7.54	8.49	3.32	5.08	0.5	22.2	0.05
Tidal Flats	SD2015-TF-H6	SD15TFH601FS	1	2	2.06	0.5	12.9	20.7	5.85	7.98	0.5	40.9	0.08
Tidal Flats	SD2015-TF-H6	SD15TFH602FS	2	3	2	0.5	10	7.02	3.24	6.99	0.5	24.3	0.06
Tidal Flats	SD2015-TF-J1	SD15TFJ103FS	3	4	4.72	0.5	16.5	7.99	4.43	13	0.5	38.9	0.09
Tidal Flats	SD2015-TF-J1	SD15TFJ105FS	5	6	12.2	0.5	12	6.7	2.53	87.2	0.5	28	0.27
Tidal Flats	SD2015-TF-J6	SD15TFJ600FS	0	0.5	1.36	0.5	8.58	14.7	3.88	4.55	0.5	27.7	0.06
Tidal Flats	SD2015-TF-K6	SD15TFK600FS	0	0.5	1.52	0.5	10.2	20.7	6.13	5.61	0.5	29.4	0.07
Tidal Flats	SD2015-TF-K6	SD15TFK601FS	1	2	2.96	0.5	12.3	10.7	4.67	9.34	0.5	35.3	0.07
Tidal Flats	SD2015-TF-L6	SD15TFL600FS	0	0.5	6.35	1.91	338	611	80.7	34	1.98	355	0.74
Tidal Flats	SD2015-TF-L6	SD15TFL602FS	2	3	5.87	0.62	24.7	16.6	8.22	20.3	0.5	70.6	0.13
Tidal Flats	SD2015-TF-ZA67	SD15TFZA6702FS	2	3	7.29	0.5	26.2	44.4	15.4	19	0.5	76.4	0.14
Outfall 008	SD2014-OF-01	SD14OF0102FS	2	3	8.11	5.9	5670	1970	111	470	6.89	291	4.44
Outfall 008	SD2014-OF-01	SD14OF0103FSH	3	4	9.03	14.3	4110	521	194	209	3.93	331	2.68
Outfall 008	SD2014-OF-03	SD14OF0303FS	3	4	6.36	0.5	51.4	23.9	10.6	23.3	0.5	61.9	0.14
Outfall 008	SD2014-OF-05	SD14OF0502FS	2	3	4.23	2.74	665	263	80.5	53	2.97	92.2	0.69
Outfall 008	SD2014-OF-06	SD14OF0602FS	2	3	17.6	25.9	8510	3720	168	436	25	293	7.05
Outfall 008	SD2014-OF-07	SD14OF0702FS	2	3	13.1	20.6	13700	1920	294	471	21.1	352	7.94
Outfall 008	SD2014-OF-08	SD14OF0802FS	2	3	2.7	1.31	434	91.5	25.3	24.7	4.85	34.2	0.46
Outfall 008	SD2014-OF-09	SD14OF0902FS	2	3	8.87	13.9	5850	1040	170	255	11.7	288	3.85
Outfall 008	SD2014-OF-10	SD14OF1002FS	2	3	47.3	58.8		5580	496	1990	16.8	1390	9.53
Outfall 008	SD2014-OF-11	SD14OF1102FS	2	3	2.96	0.5	43.1	16.7	5.79	8.83	0.5	19.8	0.08
Outfall 008	SD2014-OF8-01	SD14OF80100FS	0	0.5	6.58	2	2,540	1,430	120	234	14.7	310	2.79
Outfall 008	SD2014-OF8-01	SD14OF80101FS	1	2	6.44	25	6,800	1,820	138	535	12.1	348	5.36
Outfall 008	SD2014-OF8-02	SD14OF80200FS	0	0.5	6.23	3.35	1,950	778	105	133	5.36	182	1.69
Outfall 008	SD2014-OF8-02	SD14OF80201FS	1	2	2.57	0.2815	236	82.9	18.9	19.6	0.565	66	0.22
Outfall 008	SD2014-OF8-03	SD14OF80300FS	0	0.5	7.54	14.2	6,780	1,470	143	459	10.1	265	4.79
Outfall 008	SD2014-OF8-03	SD14OF80301FS	1	2	12.1	28.2	10,100	1,690	175	519	19.4	330	6.70
Outfall 008	SD2014-OF8-04	SD14OF80400FS	0	0.5	5.44	3.73	2,180	876	115	141	7.55	164	1.91
Outfall 008	SD2014-OF8-04	SD14OF80401FS	1	2	6.62	11.7	7,250	1,440	134	441	8.47	279	4.80
Outfall 008	SD2014-OF8-05	SD14OF80500FS	0	0.5	3.4	0.359	149	83.2	27.9	24.1	0.72	107	0.23
Outfall 008	SD2014-OF8-05	SD14OF80501FS	1	2	5.08	3.0	1,290	519	93.3	90.4	3.54	150	1.16
Outfall 008	SD2014-OF8-06	SD14OF80600FS	0	0.5	9.82	6.9	3,830	1,110	111	240	6.88	228	2.86
Outfall 008	SD2014-OF8-06	SD14OF80601FS	1	2	5.07	4.4	1,720	428	72.9	118	2.05	113	1.28
Outfall 008	SD2014-OF8-07	SD14OF80700FS	0	0.5	8.68	28.5	8,900	1,630	174	413	12	321	5.75

**TABLE 3-2
AVERAGE ERM-Q CALCULATED VALUES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

Area	Location ID	Field Sample ID	Top Depth (ft, bgs)	Bottom Depth (ft,bgs)	Metals Concentrations (mg/kg)							Average ERM-Q	
					Arsenic	Cadmium	Chromium	Copper	Lead	Nickel	Silver		Zinc
Outfall 008	SD2014-OF8-07	SD14OF80701FS	1	2	6.05	11.6	5,830	868	111	188	56.6	121	5.00
Outfall 008	SD2014-OF8-08	SD14OF80800FS	0	0.5	6.63	2.29	740	268	72.5	74.1	2.34	121	0.75
Outfall 008	SD2014-OF8-08	SD14OF80801FS	1	2	3.53	1.41	103	47.5	16.1	24.4	0.66	51.1	0.19
Outfall 008	SD2014-OF8-09	SD14OF80900FS	0	0.5	16.4	24.1	14,800	2,430	247	676	11.2	478	8.77
Outfall 008	SD2014-OF8-09	SD14OF80901FS	1	2	17.1	62.7	31,700	4,110	376	1,130	15	808	17.17
Outfall 008	SD2014-OF8-10	SD14OF81000FS	0	0.5	6.01	1.43	823	417	97.5	51.2	3.89	176	0.87
Outfall 008	SD2014-OF8-10	SD14OF81001FS	1	2	6.72	7.09	5,010	920	87.8	203	3.33	187	2.93
Outfall 008	SD2014-OF8-11	SD14OF81100FS	0	0.5	7.13	1.47	1,040	548	105	62.5	4.74	182	1.06
Outfall 008	SD2014-OF8-11	SD14OF81101FS	1	2	7.61	9.09	6,710	1,570	149	356	7.52	259	4.41
Outfall 008	SD2014-OF8-12	SD14OF81200FS	0	0.5	5.12	0.941	507	319	70.4	39.4	2.45	141	0.60
Outfall 008	SD2014-OF8-12	SD14OF81201FS	1	2	9.36	5.40	6,120	1,640	218	311	3.18	319	4.00
Outfall 008	SD2014-OF8-12	SD14OF1202FS	2	3	8.89	6.85	2810	744	360	123	9.61	242	2.30
Outfall 008	SD2014-OF8-13	SD14OF81300FS	0	0.5	6.55	1.28	737	630	169	56.4	4.37	189	1.01
Outfall 008	SD2014-OF8-13	SD14OF81301FS	1	2	9.37	2.19	4,210	3,690	293	264	20.4	298	4.76
Outfall 008	SD2014-OF8-13	SD14OF0302FS	2	3	6.05	0.5	33.2	11.1	8.26	18.5	0.5	54.3	0.12
Outfall 008	SD2014-OF8-13	SD14OF1302FS	2	3	13.4	1.88	3580	3530	931	284	14.9	360	4.73
Outfall 008	SD2014-OF8-14	SD14OF81400FS	0	0.5	8.34	2.16	1,000	856	183	75.8	4.58	264	1.30
Outfall 008	SD2014-OF8-14	SD14OF81401FS	1	2	12.3	14.0	15,500	2,610	341	688	5.25	540	8.85
Outfall 008	SD2014-OF8-14	SD14OF1402FS	2	3	12.5	72.2	5920	2430	1100	419	3.4	444	5.98
Outfall 008	SD2014-OF8-15	SD14OF81500FS	0	0.5	5.31	1.16	278	442	198	31	2.27	185	0.64
Outfall 008	SD2014-OF8-15	SD14OF81501FS	1	2	10.7	5.26	2,370	1,320	272	132	1.385	361	2.13
Outfall 008	SD2014-OF8-15	SD14OF1502FS	2	3	3.08	1.82	675	190	61.7	39.9	0.5	69.3	0.52
Outfall 008	SD2014-OF8-16	SD14OF81600FS	0	0.5	5.14	1.03	120	399	250	21.9	0.89	182	0.53
Outfall 008	SD2014-OF8-16	SD14OF81601FS	1	2	3.06	0.415	131	150	78	21.9	0.83	116	0.29
Outfall 008	SD2014-OF8-16	SD14OF1602FS	2	3	13.9	7.33	7240	3300	401	291	2.53	422	5.24
Outfall 008	SD2014-OF8-17	SD14OF81700FS	0	0.5	4.09	0.3885	125	125	47.6	19.6	0.775	99.3	0.24
Outfall 008	SD2014-OF8-17	SD14OF81701FS	1	2	1.015	0.505	37.2	47.5	38.6	17	1.015	89.4	0.17
Outfall 008	SD2014-OF8-17	SD14OF1702FS	2	3	9.64	7.61	3920	1180	220	216	2.17	258	2.79
Outfall 008	SD2014-OF8-18	SD14OF81800FS	0	0.5	4.91	1.30	807	567	103	70.2	3.88	196	0.98
Outfall 008	SD2014-OF8-18	SD14OF81801FS	1	2	1.51	0.353	142	134	33.6	15.1	0.705	58.2	0.21
Outfall 008	SD2014-OF8-18	SD14OF1802FS	2	3	3.39	1.1	208	155	68.4	19.5	0.58	99.4	0.30
Outfall 008	SD2014-OF8-19	SD14OF81900FS	0	0.5	5.82	1.12	135	218	113	24.3	1.1	204	0.39
Outfall 008	SD2014-OF8-19	SD14OF81901FS	1	2	5.14	4.91	2,790	724	248	137	3.08	308	2.02
Outfall 008	SD2014-OF8-19	SD14OF1903FS	3	4	6.41	3.84	901	246	56.7	69.4	4.26	163	0.87
ER-M Values					70	9.6	370	270	218	51.6	3.7	410	

**TABLE 3-2
AVERAGE ERM-Q CALCULATED VALUES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

Area	Location ID	Field Sample ID	Top Depth (ft, bgs)	Bottom Depth (ft,bgs)	Metals Concentrations (mg/kg)								Average ERM-Q
					Arsenic	Cadmium	Chromium	Copper	Lead	Nickel	Silver	Zinc	

Notes: ER-M - effects range median (Long and Morgan, 1990)

ERM-Q - effects range median quotient for eight metals (value is an average of the individual ERM-Qs for the eight metals in each sample)

Red/bold font indicates average ERM-Q > 0.5, which requires remediation

mg/kg - milligrams per kilogram (equivalent to parts per million)

Data in the table is from the 2014-15 sediment sampling program only

The average ERM-Q for the eight metals for each sample was calculated as follows:

- dividing the actual sediment metal concentration (for non-detects, the detection limit numeric value was used) at each sample location by the published Effects Range-Medium (ER-M) value (Long, et al. 1995) for the metal; and
- calculating the average of the ER-M ratios for the eight metals at each sample location to derive an average ERM-Q for that sample.

As an example, the following table provides the data and ERM-Q calculations for each metal, as well as the average of the ERM-Q for the 8 metals for sample SD14TFA100FS:

Metal	Concentration (mg/kg)	ER-M Value	Individual Metal ERM-Q*
Arsenic	5.82	70	0.08
Cadmium	1.8	9.6	0.19
Chromium	227	370	0.61
Copper	440	270	1.63
Lead	47.5	218	0.22
Nickel	26.5	51.6	0.51
Silver	1.94	3.7	0.52
Zinc	197	410	0.48
Average ERM-Q for 8 Metals:			0.53

* - calculated by dividing concentration of the metal by the ER-M value

APPENDIX A
SEDIMENT SAMPLE FIELD DATA RECORDS

A-1
2014 SEDIMENT SAMPLE FIELD DATA RECORDS

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 4/24/14
 LOCATION ID: OFB-1 ACTIVITY TIME START 1520 END 1540 BOTTLE TIME 1535
 SAMPLE ID: SD140F80100FS

SURFACE WATER DATA: WATER DEPTH AT LOCATION 3.5' FT
 WATER QUALITY PARAMETERS:
 TEMPERATURE 13.67 C
 SPEC. COND. 5.101 mS/cm
 PH 7.92
 ORP 59.6 mV
 DO 7.79 mg/L
 SALINITY 2.76 ppt
 TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:
 ORGANIC
 SAND
 GRAVEL
 silt
 CLAY
 OTHER

EQUIPMENT FOR COLLECTION OF FLUIDS USED:
 HAND CORER
 DI WATER
 S.S. SPOON
 LIQUINOX
 ALUMINUM PAN
 S.S. SPATULA
 OTHER

GPS Coordinates:
 X - Coordinate _____
 Y - Coordinate _____

DID NOT
 GPS. figure
 Allowed enough
 Reference to
 get on location
 with
 confidence

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/6082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

all to YAL

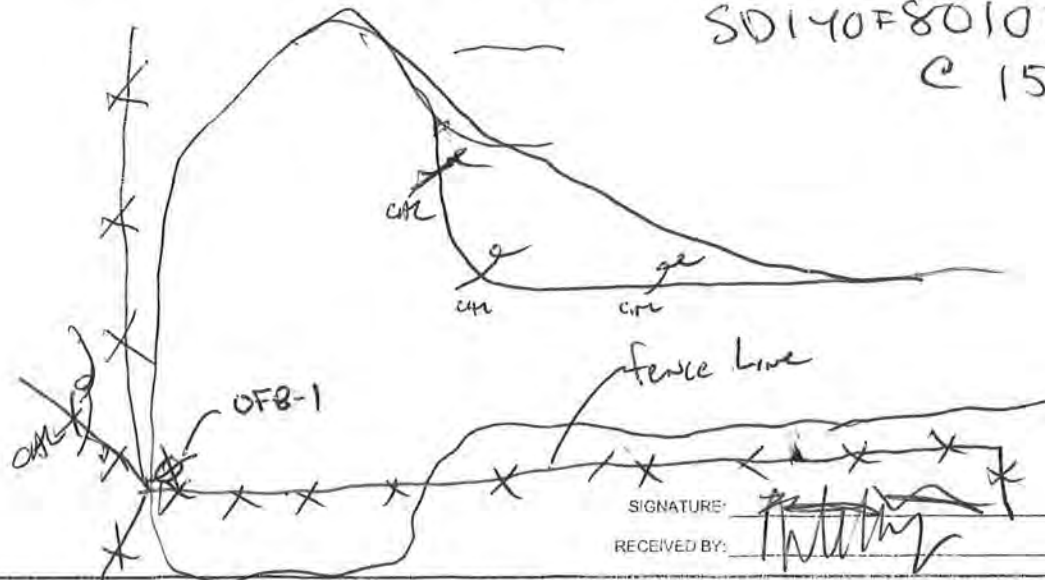
(3) 8oz 0-6"
 (2) 8oz 1'-2' hold and freeze

Notes:
 YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:
 YSI 556 -

collected 1-2' sample per hold and freeze

SD140F80100FS
 @ 1535



FIELD DATA RECORD - SEDIMENT SAMPLING

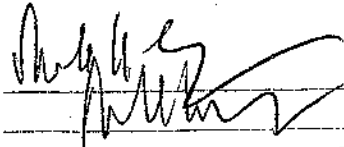
PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 11/14/14
 LOCATION ID: OF8-02 ACTIVITY TIME START 1030 END 1130 BOTTLE TIME 1041
 SAMPLE ID: ~~SDA014-0208-0200~~ SDA0F80200FS

SURFACE WATER DATA		SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION/DECON FLUIDS USED	
WATER DEPTH AT LOCATION	<u>3</u> FT	<input checked="" type="checkbox"/> ORGANIC	<input checked="" type="checkbox"/> SAND	<input checked="" type="checkbox"/> HAND CORER	<input checked="" type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:		<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE	<u>14.92</u> C	<input type="checkbox"/> ALUMINIUM PAN	<input type="checkbox"/> OTHER _____	<input type="checkbox"/> S.S. SPATULA	<input type="checkbox"/> OTHER _____
SPEC. COND.	<u>3.514</u> mS/cm	<input checked="" type="checkbox"/> OTHER _____			
PH	<u>7.03</u>				
ORP	<u>24.8</u> mV	GPS Coordinates:			
DO	<u>5.94</u> mg/L	X - Coordinate	<input type="text"/>		
SALINITY	<u>1.82</u> ppt	Y - Coordinate	<input type="text"/>		
TURBIDITY	NM NTUs				

ANALYTICAL PARAMETERS		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED	
LAB	ANALYSIS	METHOD	REQUIRED		
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	2 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8002	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

• 2 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USACE ERDC
 • 1 32oz particle size, 0-0.5' bgs to YAL
 • 2 8oz jars, AGS, 1-2' to YAL (hold)

Notes:
 YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD = US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS) 1-2'
 Equipment: Collect 0.75 Foot Sample for Hold at LAB
 YSI 556 - 322
 A.P.S.D. 2014-0F820T - ms/msal sup -
 SDIA0F80201FD/MS/MD 1055
 and SD140F80200FS (second pail)

SIGNATURE: 
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044 02.XXXX

DATE 4/29/14

LOCATION ID: OFB-3

ACTIVITY TIME START 1540 END 1550

BOTTLE TIME 1545

SAMPLE ID: SD140F80300FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION 4 FT

WATER QUALITY PARAMETERS:

TEMPERATURE 13.16 C

SPEC. COND. 5.593 mS/cm

PH 6.98

ORP -142.7 mV

DO 5.71 mg/L

SALINITY 6.27 ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

silt

CLAY

OTHER

EQUIPMENT FOR COLLECTION OF FLUIDS USED

HAND CORER

S.S. SPOON

^{S.S. Bowl} ALUMINIUM PAN

S.S. SPATULA

OTHER

DI WATER

LIQUINOX

OTHER

GPS Coordinates:

X - Coordinate

Y - Coordinate

*DID NOT
GPS location;
able to get
location using
site features
shown on figure 2*

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/	
LAB	ANALYSIS	ANALYSIS ID	METHOD	VOLUME	SAMPLE
				REQUIRED	COLLECTED
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	^{1/2} 1X 8 oz	<input checked="" type="checkbox"/>

*(3) 0-6" B02
(2) 1-2' B02 hold and freeze*

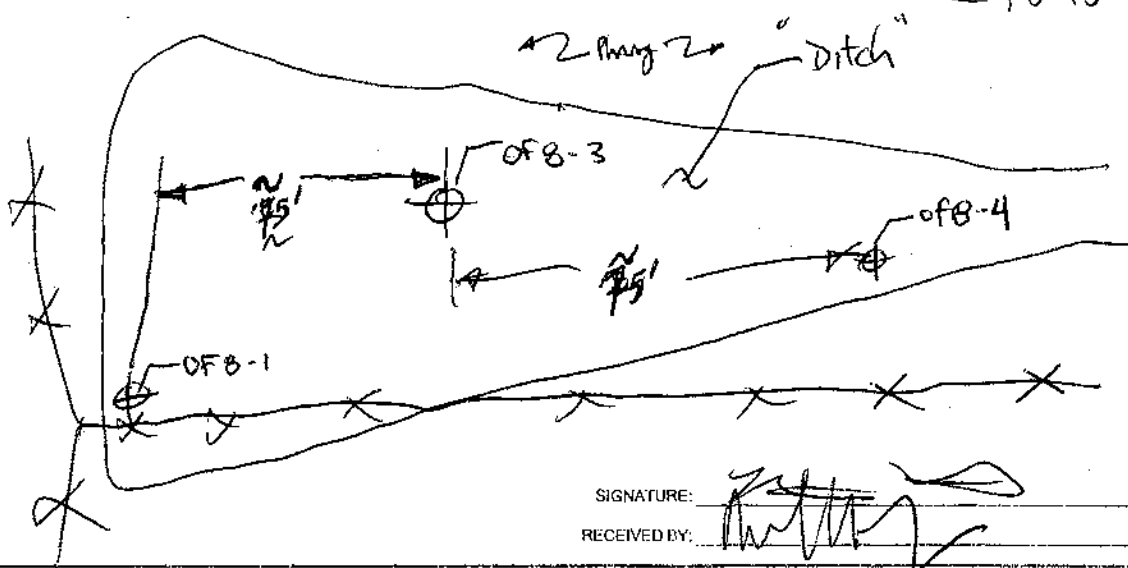
Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

*collected 1-2' sample for
hold and freeze
SD140F80300FS
@ 1545*



SIGNATURE: _____

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT: Stratford Army Engine Plant

JOB NUMBER: 3616130044.02.XXXX

DATE: 4/25/14

LOCATION ID: OFB-4

ACTIVITY TIME: START 1550 END 1600

BOTTLE TIME: 1555

SAMPLE ID: SD140F80400FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION: 2.5' FT

WATER QUALITY PARAMETERS:

TEMPERATURE: 14.22°C

SPEC. COND.: 4.98 mS/cm

PH: 7.88

ORP: 8.7 mV

DO: 8.72 mg/L

SALINITY: 2.6 ppt

TURBIDITY: NM NTUS

SEDIMENT DATA:

TYPE OF SEDIMENT:

ORGANIC

SAND (trace)

GRAVEL

silt

CLAY

OTHER

EQUIPMENT FOR COLLECTION DECONTAMINATION FLUIDS USED

HAND CORER

S.S. SPOON

SS BOWL

ALUMINUM PAN

S.S. SPATULA

OTHER

GPS Coordinates:

X - Coordinate

Y - Coordinate

did not GPS locate, used site features shown as figure to get an location

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/ VOLUME REQUIRED	SAMPLE COLLECTED
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

(3) 8oz 0-6"
(2) 8oz 1-2' hold and freeze

Notes:

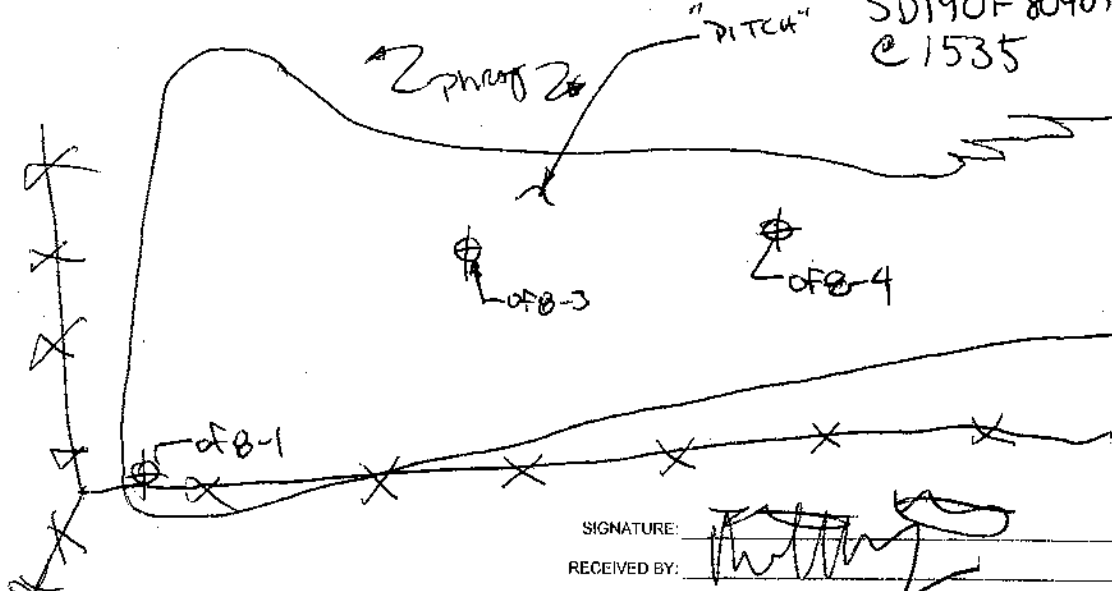
YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

collected 1-2' sample for hold and freeze

SD140F80400FS @ 1535



SIGNATURE: [Signature]
RECEIVED BY: [Signature]

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 4/18/14

LOCATION ID: OF8-06

ACTIVITY TIME START 1230 END 1200

BOTTLE TIME 1840

SAMPLE ID: SO2014-OF8-0600

SURFACE WATER DATA

WATER DEPTH AT LOCATION 3 FT

WATER QUALITY PARAMETERS:

TEMPERATURE 15.64 c

SPEC. COND. 420 mS/cm

PH 6.9

ORP 28.9 mV

DO 5.27 mg/L

SALINITY 2.26 ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

CLAY

OTHER

EQUIPMENT FOR COLLECTION OF FLUIDS USED

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER

DI WATER

LIQUINOX

OTHER

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/ VOLUME REQUIRED	SAMPLE COLLECTED
ERD	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Notes:
 1 2-gallon ² jar, toxicity, 0-0.5' bgs, shipped to USACE ERDC
 1 32oz jar, particle size, 0-0.5' bgs, to YAL
 2 8oz jars, Ags, 1-2 bgs to YAL (hold)

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 - 322

1-2' ^{1-2'} Sample for hold
 SO2014-OF8-0601 1350

SIGNATURE: _____

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 4/24/14

LOCATION ID: OF8-7

ACTIVITY TIME START 1455 END 1500

BOTTLE TIME 1505

SAMPLE ID: SD140F80701F5

SURFACE WATER DATA

WATER DEPTH AT LOCATION 3.0' FT

WATER QUALITY PARAMETERS:

TEMPERATURE 13.16 C

SPEC. COND. 4.73 mS/cm

PH 7.61

ORP 50.4 mV

DO 9.15 mg/L

SALINITY 2.55 ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

silt

CLAY

OTHER

EQUIPMENT FOR COLLECTION/DECON FLUIDS USED

HAND CORER

S.S. SPOON

SS bowl ALUMINIUM PAN

S.S. SPATULA

DI WATER

LIQUINOX

OTHER

GPS Coordinates:

X - Coordinate

Y - Coordinate

} GPS location

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME		SAMPLE	
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED		
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>		
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>		
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>		
YAL <input checked="" type="checkbox"/>	Metals/ (Mercury/Cyanide)	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>		
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SHM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>		

(3) 8oz 0-6" uncol

(2) 8oz 1-2' ^{MUCKY SAND} _{gravelly} hold and freeze

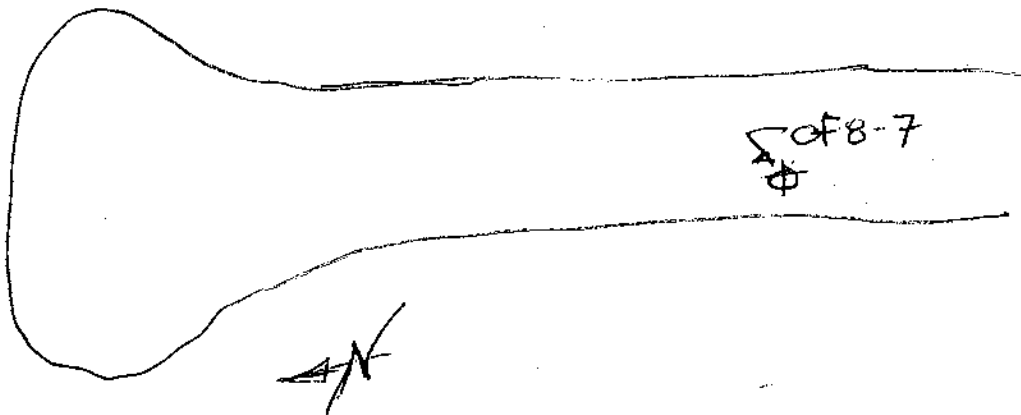
Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

*collected 1-2' sample per hold and freeze
SD140F80701F5 @1505*



SIGNATURE: *[Signature]*

RECEIVED BY: *[Signature]*

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 4/24/14
 LOCATION ID: OFB-8 ACTIVITY TIME START 1435 END 14 BOTTLE TIME 1440
 SAMPLE ID: SD140F80801FS

SURFACE WATER DATA		SEDIMENT DATA: TYPE OF SEDIMENT:		EQUIPMENT FOR COLLECTION/DECON FLUIDS USED	
WATER DEPTH AT LOCATION	<u>14.17</u> FT ^{at} <u>1.5'</u>	<input checked="" type="checkbox"/> ORGANIC	<input checked="" type="checkbox"/> SAND (<u>trace</u>)	<input checked="" type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:		<input type="checkbox"/> GRAVEL	<input checked="" type="checkbox"/> SILT CLAY	<input checked="" type="checkbox"/> S.S. SPOON	<input type="checkbox"/> LIQUINOX
TEMPERATURE	<u>14.17</u> C	<input type="checkbox"/> OTHER _____		<input checked="" type="checkbox"/> ALUMINUM PAN ^{SS bowl}	OTHER _____
SPEC. COND.	<u>4.508</u> mS/cm			<input type="checkbox"/> S.S. SPATULA	
PH	<u>7.67</u>			<input type="checkbox"/> OTHER _____	
ORP	<u>75.6</u> mV	GPS Coordinates:			
DO	<u>9.69</u> mg/L	X - Coordinate	<u> </u>		
SALINITY	<u>2.42</u> ppt	Y - Coordinate	<u> </u>		
TURBIDITY	<u>NM</u> NTUs	} <u>GPS location</u>			

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/	SAMPLE
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

(3) 8oz 0-6"
 (2) 8oz 1-2' hold and freeze

Notes:

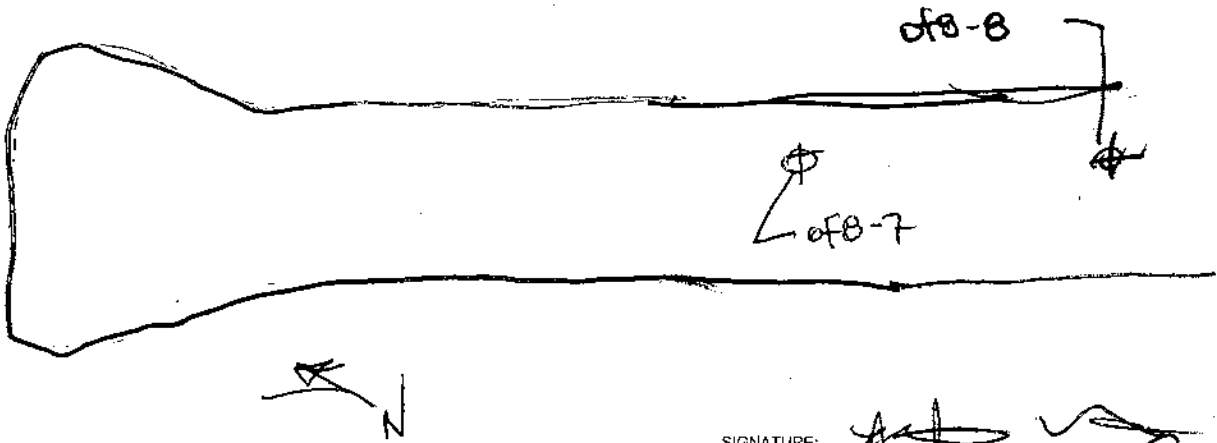
YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Sed = No sig. conc

Equipment:

YSI 556 -

collected 1-2' sample per hold and freeze SD140F80801FS @ 1440



SIGNATURE: [Signature]
 RECEIVED BY: [Signature]

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Statford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 4/15/14

LOCATION ID: OF8-09

ACTIVITY TIME START 1405 END 1425

BOTTLE TIME 1410

SAMPLE ID: SD140F80900PS

SURFACE WATER DATA

SEDIMENT DATA: TYPE OF SEDIMENT:

EQUIPMENT FOR COLLECTION DECON FLUIDS USED

WATER DEPTH AT LOCATION FT

ORGANIC

HAND CORER

DI WATER

SAND

S.S. SPOON

LIQUINOX

WATER QUALITY PARAMETERS:

GRAVEL

ALUMINIUM PAN

OTHER _____

TEMPERATURE C

CLAY

S.S. SPATULA

SPEC. COND. mS/cm

OTHER _____

OTHER _____

PH

GPS Coordinates:

X - Coordinate

Y - Coordinate

ORP mV

DO mg/L

SAUNITY ppt

TURBIDITY NM NTUs

not measured

ANALYTICAL PARAMETERS

Sediment		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE
LAB	ANALYSIS	METHOD	REQUIRED	COLLECTED
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C 1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C 1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C 1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	60207/471/B012	4 DEG C 1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/660/8082	4 DEG C 1X 8 oz	<input checked="" type="checkbox"/>

- 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USACE ERDC
- 1 32 oz jar, particle size, 0-0.5' bgs to YAL
- 2 8 oz jars, AGs, 1-2' bgs, to YAL (hold)

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

*Collected 1-2' sample Per Hold
SD140F80901FS 1420*

SIGNATURE: *[Signature]*
RECEIVED BY: *[Signature]*

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 4/24/14
 LOCATION ID: OFB-10 ACTIVITY TIME START 1420 END 1430 BOTTLE TIME 1425
 SAMPLE ID: SD140F81001FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION 5' FT

WATER QUALITY PARAMETERS:

TEMPERATURE 13.24 C

SPEC. COND. 4.438 mS/cm

PH 7.52

ORP 62.7 mV

DO 8.28 mg/L

SALINITY 2.38 ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

- ORGANIC
- SAND
- GRAVEL
- silt
- CLAY
- OTHER _____

EQUIPMENT FOR COLLECTION OF FLUIDS USED

- HAND CORER
- DI WATER
- S.S. SPOON
- LIQUINOX
- ^{55 bowl} ALUMINUM PAN
- OTHER _____
- S.S. SPATULA
- OTHER _____

GPS Coordinates:

X - Coordinate _____
 Y - Coordinate _____

} (GPS) from West Bank (No offset exist w/ GPS point)

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCD Aroclors	8270D SIM/680/8082	4 DEG C	^{1x 8 oz} 5	<input checked="" type="checkbox"/>

(3) Box 0"-6"
 (2) Box 1'-2' hold and freeze

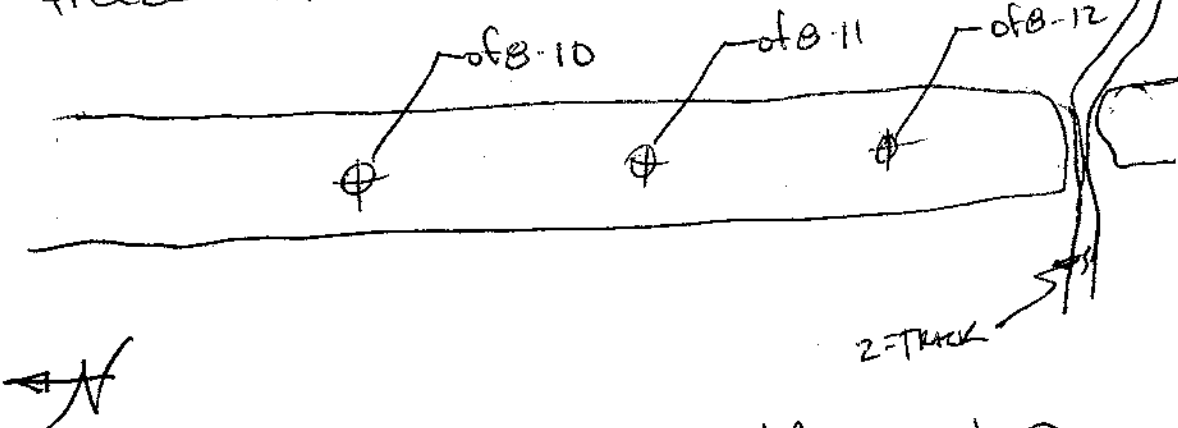
Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

SED = Sulfuric oxide
 Collected 1-2' sample for hold and freeze SD140F81001FS @ 1425



SIGNATURE: _____
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 4/24/14
 LOCATION ID: OFB-11 ACTIVITY TIME START 1405 END 1420 BOTTLE TIME 1410
 SAMPLE ID: SD14 OF81101FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION: 4.5' FT

WATER QUALITY PARAMETERS:

TEMPERATURE: 13.01 C

SPEC. COND.: 4.425 mS/cm

PH: 7.53

ORP: 56.9 mV

DO: 8.27 mg/L

SALINITY: 2.37 ppt

TURBIDITY: NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC
 SAND
 GRAVEL
 SILT
 CLAY
 OTHER

EQUIPMENT FOR COLLECTION OF FLUIDS USED:

HAND CORER
 DI WATER
 LIQUINOX
 S.S. SPOON 35.6oz
 ALUMINUM PAN
 S.S. SPATULA
 OTHER

GPS Coordinates:

X - Coordinate: _____
 Y - Coordinate: _____
 } GPS location

ANALYTICAL PARAMETERS

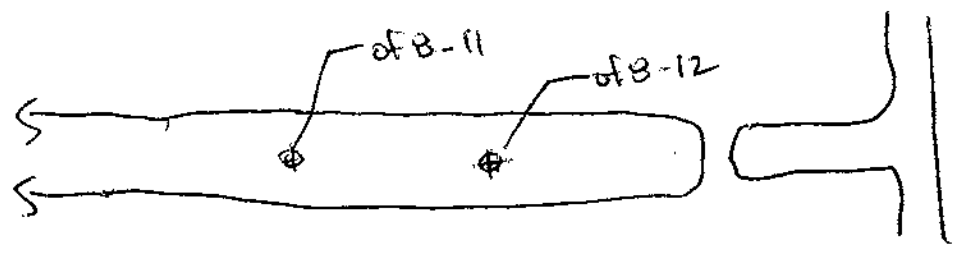
LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/ VOLUME REQUIRED	SAMPLE COLLECTED
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/0082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

for 8 oz see below
 (3) 8 oz 0-6"
 (2) 8 oz 1'-2' hold and freeze

Notes:
 YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:
 YSI 556 -

collected 1-2' sample for hold and freeze SD14 OF81101FS C1410



4/24

SIGNATURE: _____
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT: Stratford Army Engine Plant JOB NUMBER: 3816136044.02.XXXX DATE: 4/24/14

LOCATION ID: OFB-12 ACTIVITY TIME: START 1345 END 1400 BOTTLE TIME: 1355

SAMPLE ID: SD140F81200 FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION: 3' FT

WATER QUALITY PARAMETERS:

TEMPERATURE: 12.55 C

SPEC. COND.: 4.515 mS/cm

PH: 7.70

ORP: 38.4 mV

DO: 10.6 mg/L *Post eq. with brackish water*

SALINITY: 2.412 ppt

TURBIDITY: NM NTUs

28 mg/L Algae

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC
 SAND
 GRAVEL
 SILT
 CLAY
 OTHER

EQUIPMENT FOR COLLECTION/DECON FLUIDS USED

HAND CORER
 S.S. SPOON
 ALUMINIUM PAN
 S.S. SPATULA
 DI WATER
 LIQUINOX
 OTHER

GPS Coordinates:

X - Coordinate: _____
 Y - Coordinate: _____

GPS location

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/ VOLUME		SAMPLE	
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED		
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>		
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>		
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>		
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/S012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>		
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/6082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>		

1/8 (SEE below)

Notes:

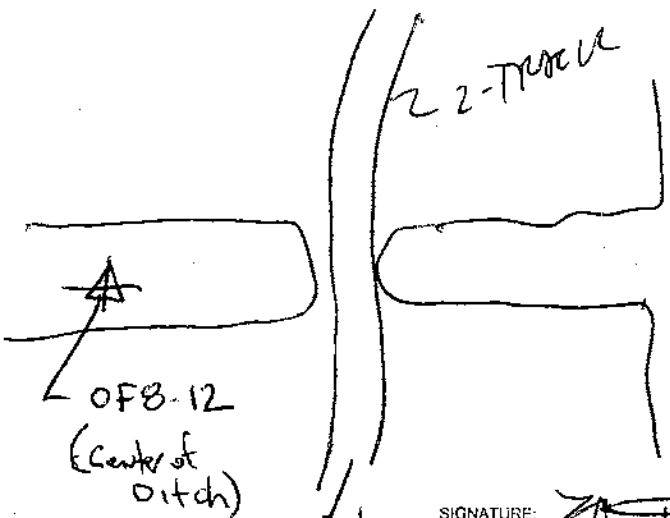
YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

Collected: (3) 8oz 0-6" = mud
 (2) 8oz 1'-2' = MUD w/ hold and freeze trace gravel.
 (SD140F81201 FS @ 1355)

Sed => sulfid odor



SIGNATURE: _____
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 9/23/14
 LOCATION ID: SD140F813 ACTIVITY TIME START 1440 END 1500 BOTTLE TIME 1450
 SAMPLE ID: SD140F81300FS

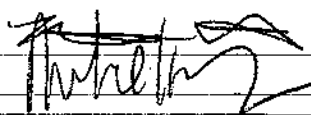
SURFACE WATER DATA		SEDIMENT DATA:		TYPE OF SEDIMENT:		EQUIPMENT FOR COLLECTION OF CON FLUIDS USED	
WATER DEPTH AT LOCATION	<u>—</u> FT	<input type="checkbox"/> ORGANIC	<input checked="" type="checkbox"/> SAND	<input checked="" type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER	<input checked="" type="checkbox"/> S.S. SPOON	<input type="checkbox"/> LIQUINOX
WATER QUALITY PARAMETERS:		<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input type="checkbox"/> ALUMINIUM PAN	OTHER _____		
TEMPERATURE	<u>11.0</u> c	<input type="checkbox"/> OTHER _____	<input type="checkbox"/> OTHER _____	<input type="checkbox"/> S.S. SPATULA			
SPEC. COND.	<u>39.35</u> mS/cm	GPS Coordinates:					
PH	<u>8.5</u>	X - Coordinate	<u>—</u>				
ORP	<u>15.5</u> mV	Y - Coordinate	<u>—</u>				
DO	<u>13.5</u> mg/L						
SALINITY	<u>25.0</u> ppt						
TURBIDITY	<u>—</u> NM NTUs						

ANALYTICAL PARAMETERS				BOTTLE TYPE/	SAMPLE
Sediment	ANALYSIS	ANALYSIS ID	PRESERVATION	VOLUME	COLLECTED
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

- 1 8oz amber, TOC, 0-0.5' bgs, to YAL
- 1 8oz amber, metals, 0-0.5' bgs, to YAL
- 1 8oz amber, SVOCs, 0-0.5' bgs, to YAL
- 2 8oz amber, 1-2' bgs, hold and freeze, to YAL

Notes: green filamentous algae in water

Equipment: YSI 556 - collected 1-2' sample per hold and freeze SD140F81301FS @ 1450

SIGNATURE: 
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 4/23/14
 LOCATION ID: SD140F814 ACTIVITY TIME START 1400 END 1420 BOTTLE TIME 1410
 SAMPLE ID: SD140F81400FS

SURFACE WATER DATA		SEDIMENT DATA: TYPE OF SEDIMENT:		EQUIPMENT FOR COLLECTIO DECON FLUIDS USED	
WATER DEPTH AT LOCATION	<u> </u> FT	<input type="checkbox"/> ORGANIC	<input checked="" type="checkbox"/> SAND	<input checked="" type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:		<input checked="" type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> S.S. SPOON	<input type="checkbox"/> LIQUINOX
TEMPERATURE	<u>10.1</u> c	<input type="checkbox"/> OTHER	<input type="checkbox"/> OTHER	<input type="checkbox"/> ALUMINIUM PAN	OTHER _____
SPEC. COND.	<u>40.07</u> mS/cm	GPS Coordinates: X - Coordinate <u> </u> Y - Coordinate <u> </u>			
PH	<u>8.4</u>				
ORP	<u>71.6</u> mV				
DO	<u>13.4</u> mg/L				
SALINITY	<u>25.5</u> ppt				
TURBIDITY	<u> </u> NM NTUs				

ANALYTICAL PARAMETERS				BOTTLE TYPE/	
Sediment	ANALYSIS	ANALYSIS ID	PRESERVATION	VOLUME	SAMPLE
LAR			METHOD	REQUIRED	COLLECTED
<input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
<input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
<input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

• 1 8oz amber, TOC, 0-0.5' bgs, to YAL
 • 1 8oz amber, Metals, 0-0.5' bgs, to YAL
 • 1 8oz amber, SVOCs, 0-0.5' bgs, to YAL
 • 2 8oz amber, 1-2' bgs, hold and freeze, to YAL

Notes: green filamentous algae in water

Equipment: YSI 556 - Collected 1-2' sample for hold and freeze
 SD140F81401FS @ 1410

SIGNATURE: [Signature]
 RECEIVED BY: [Signature]

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 6/23/14

LOCATION ID: SD140F 815

ACTIVITY TIME START 1340 END 1400

BOTTLE TIME 1350

SAMPLE ID: SD140F81500FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE 10.49 c

SPEC. COND. 3889 mS/cm

PH 7.97

ORP 48.6 mV

DO 6.62 mg/L

SALINITY 24.83 ppt

TURBIDITY NM NTUs

SEDIMENT DATA:

TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

CLAY

OTHER

EQUIPMENT FOR COLLECTION OF DECON FLUIDS USED

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER

DI WATER

LIQUINOX

OTHER

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME		SAMPLE	
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED		
ERD	<input type="checkbox"/> Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>		
YAL	<input type="checkbox"/> Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>		
YAL	<input checked="" type="checkbox"/> TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>		
YAL	<input checked="" type="checkbox"/> Metals/ Mercury/Cyanide	6020/7471/8012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>		
YAL	<input checked="" type="checkbox"/> SVOCs/PCB Homologs/PCB Arodors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>		

- 1 8oz amber, TOC, 0-0.5' bgs, to YAL
- 1 8oz amber, Metals, 0-0.5' bgs, to YAL
- 1 8oz amber, SVOCs, 0-0.5' bgs, to YAL
- 2 8oz amber, 1-2' bgs, hold and freeze, to YAL

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

green filamentous algae in water

Equipment:

YSI 556 -

collected 1-2' sample for hold and freeze

SD140F81501 FS @ 1350

SIGNATURE: *[Signature]*
 RECEIVED BY: *[Signature]*

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT: Stratford Army Engine Plant JOB NUMBER: 3616130041.02.XXXX DATE: 4/23/14

LOCATION ID: SD140F816 ACTIVITY TIME: START 1320 END 1340 BOTTLE TIME: 1330

SAMPLE ID: SD140F81600FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION: — FT

WATER QUALITY PARAMETERS:

TEMPERATURE: 10.87 C

SPEC. COND.: 39.07 mS/cm

PH: 7.96

ORP: 166.1 mV

DO: 7.39 mg/L

SALINITY: 24.83 ppt

TURBIDITY: — NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC SAND GRAVEL CLAY OTHER _____

EQUIPMENT FOR COLLECTION OF DECON FLUIDS USED

HAND CORER DI WATER LIQUINOX ALUMINIUM PAN S.S. SPATULA OTHER _____

GPS Coordinates:

X - Coordinate: —

Y - Coordinate: —

ANALYTICAL PARAMETERS				BOTTLE TYPE/	SAMPLE
Sediment		PRESERVATION	VOLUME	REQUIRED	COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD		
ERD <input type="checkbox"/>	Toxicity	EPA800/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/660/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

• 1 8oz amber, TOC, 0-0.5' bgs, to YAL
 • 1 8oz amber, Metals, 0-0.5' bgs, to YAL
 • 1 8oz amber, SVOCs, 0-0.5' bgs, to YAL
 • 2 8oz amber, 1-2' bgs, hold and freeze, to YAL

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment: YSI 556 -

green filamentous algae in water
 collected 1-2' sample for hold and freeze
 SD140F81601FS @ 1330

SIGNATURE: [Signature]

RECEIVED BY: [Signature]

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 4/23/14

LOCATION ID: SD140F817

ACTIVITY TIME START 1300 END 1320

BOTTLE TIME 1315

SAMPLE ID: SD140F81700FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION — FT

WATER QUALITY PARAMETERS:

TEMPERATURE 9.9 C

SPEC. COND. 40.2 mS/cm

PH 8.3

ORP 179.1 mV

DO 8.54 mg/L

SALINITY 25.6 ppt

TURBIDITY — NM — NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

CLAY

OTHER

EQUIPMENT FOR COLLECTION DECON FLUIDS USED

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER

DI WATER

LIQUINOX

OTHER

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

- 1 8oz amber, TOC, 0-0.5' bgs, to YAL
- 1 8oz amber, Metals, 0-0.5' bgs, to YAL
- 1 8oz amber, SVOCs, 0-0.5' bgs, to YAL
- 2 8oz amber, 1-2' bgs, hold and freeze, to YAL

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

green filamentous algae in water

Equipment:

YSI 556 -

Collected 1-2' sample for hold and freeze
SD140F81701FS @ 1315

SIGNATURE:

RECEIVED BY:

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 4/22/14
 LOCATION ID: SD140F08 ACTIVITY TIME START 1300 END 1330 BOTTLE TIME 1315
 SAMPLE ID: SD140F0800FS

SURFACE WATER DATA **SEDIMENT DATA: TYPE OF SEDIMENT:** **EQUIPMENT FOR COLLECTION/DECON FLUIDS USED**

WATER DEPTH AT LOCATION — FT
 WATER QUALITY PARAMETERS:
 TEMPERATURE 12.95 C
 SPEC. COND. 38.14 mS/cm
 PH 8.54
 ORP 29.6 mV
 DO 14.49 mg/L *algae in water*
 SALINITY 24.29 ppt
 TURBIDITY — NM NTUs

green algae filamentous
strong sulphide odor

ORGANIC black silt
 SAND
 GRAVEL
 CLAY
 OTHER

HAND CORER
 S.S. SPOON
 ALUMINIUM PAN
 S.S. SPATULA
 OTHER

DI WATER
 LIQUINOX
 OTHER _____

GPS Coordinates:
 X - Coordinate —
 Y - Coordinate —

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME		SAMPLE	
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED		
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>		
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>		
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>		
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>		
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>		

• 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USACE ERDC
• 1 32oz jar, particle size, 0-0.5' bgs, to YAL
• 2 8oz jars (amber), AGS, 1-2' bgs, hold and freeze, to YAL

Notes:
 YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:
 YSI 556 - *Collected 1-2' sample for hold and freeze SD140F081801FS @ 1315*

SIGNATURE: *[Signature]*
 RECEIVED BY: *[Signature]*

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616130044.02.XXXX

DATE 4/23/14

LOCATION ID: SD140F819

ACTIVITY TIME START 1420 END 1440

BOTTLE TIME 1430

SAMPLE ID: SD140F81900FS

SURFACE WATER DATA

SEDIMENT DATA: TYPE OF SEDIMENT:

EQUIPMENT FOR COLLECTION DECON FLUIDS USED

WATER DEPTH AT LOCATION FT

ORGANIC *very soft, mch, loose, strong H2S odor*

HAND CORER

DI WATER

SAND

S.S. SPOON

LIQUINOX

GRAVEL

ALUMINIUM PAN

OTHER

CLAY

S.S. SPATULA

OTHER

OTHER

WATER QUALITY PARAMETERS:

TEMPERATURE: 11.5 c

SPEC. COND. 39.93 mS/cm

PH 7.5

ORP -58 mV

DO 4.0 mg/L

SALINITY 25.4 ppt

TURBIDITY NM NTUs

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

- 1 8oz amber, TOC, 0-0.5' bgs, to YAL
- 1 8oz amber, metals, 0-0.5' bgs, to YAL
- 1 8oz amber, SVOCs, 0-0.5' bgs, to YAL
- 2 8oz amber, 1-2' bgs, hold and freeze, to YAL

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

green filamentous algae in water

Equipment:

YSI 556 -

*Collected 1-2' sample for hold and freeze
SD140F81901FS @ 1430*

SIGNATURE: *[Signature]*
RECEIVED BY: *[Signature]*

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 5/14/14
 LOCATION ID: S020014 - 02EF - 01 ACTIVITY TIME START 1005 END 1015 BOTTLE TIME 1005
 SAMPLE ID: S01402EF0100R3

SURFACE WATER DATA		SEDIMENT DATA:		TYPE OF SEDIMENT:		EQUIPMENT FOR COLLECTION/DECON FLUIDS USED	
WATER DEPTH AT LOCATION	<u> </u> FT	<input type="checkbox"/> ORGANIC	<input checked="" type="checkbox"/> SAND	<input checked="" type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER	<input type="checkbox"/> S.S. SPOON	<input type="checkbox"/> LIQUINOX
WATER QUALITY PARAMETERS:		<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input type="checkbox"/> ALUMINIUM PAN	OTHER _____		
TEMPERATURE	<u>10.97</u> C	<input type="checkbox"/> OTHER _____	<input type="checkbox"/> OTHER _____	<input type="checkbox"/> S.S. SPATULA			
SPEC. COND.	<u>0.528</u> mS/cm	GPS Coordinates:					
PH	<u>7.55</u>	X - Coordinate <u> </u>					
ORP	<u>721</u> mV	Y - Coordinate <u> </u>					
DO	<u>2.7</u> mg/L						
SALINITY	<u>0.26</u> ppt						
TURBIDITY	<u> </u> NM NTUs						

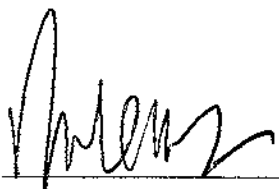
ANALYTICAL PARAMETERS			PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAG	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED
<input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
<input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
<input type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
<input type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/6012	4 DEG C	1X 8 oz	<input type="checkbox"/>
<input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/6082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

SIGNATURE: 
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 4/17/19

LOCATION ID: SD-2014-REF- JS001A ACTIVITY TIME START 1040 END 1110

BOTTLE TIME 1100

SAMPLE ID: SD14REFUS100FS

SURFACE WATER DATA

SEDIMENT DATA: TYPE OF SEDIMENT:

EQUIPMENT FOR COLLECTION OF FLUIDS USED

WATER DEPTH AT LOCATION FT

- ORGANIC *Black silt w/ some fine sand*
- SAND
- GRAVEL
- CLAY
- OTHER _____

- HAND CORER
- S.S. SPOON
- ALUMINIUM PAN
- S.S. SPATULA
- OTHER _____

WATER QUALITY PARAMETERS:

TEMPERATURE 9.35 C

SPEC. COND. 0.894 uS/cm

PH 7.34

ORP 43.7 mV

DO 8.18 mg/L

SALINITY 0.45 ppt

TURBIDITY NM NTUs

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
ERD <input checked="" type="checkbox"/>	Toxicity	EPA600/R-01/020	4 DEG C	<u>2</u> X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/8012	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/560/8082	4 DEG C	1X 8 oz	<input type="checkbox"/>

*• 2 2-gallon pails collected for shipment to USACE ERDC,
• 1 32oz jar collected for particle size 0.0-0.5/0.0-0.5' bgs
ys to YAL*

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment: 322

YSI 556 -

SIGNATURE: [Signature]
RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 4/18/14

LOCATION ID: SD2014-REF-02

ACTIVITY TIME START 0850 END 0900

BOTTLE TIME 0855

SAMPLE ID: SD14REF0200FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

CLAY

OTHER _____

EQUIPMENT FOR COLLECTION OF FLUIDS USED

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER _____

DI WATER

LIQUINOX

OTHER _____

GPS Coordinates:

X - Coordinate

Y - Coordinate

No water at this location

ANALYTICAL PARAMETERS

Sediment		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	METHOD	REQUIRED	
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	2 X 2 Gallons <input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz <input checked="" type="checkbox"/>
YAL <input type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 6 oz <input type="checkbox"/>
YAL <input type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz <input type="checkbox"/>
YAL <input type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	6270D SIM/680/8082	4 DEG C	1X 8 oz <input type="checkbox"/>

*2 2-gallon pails, toxicity, 0-0.5' bgs, shipped to USACE ERDC
1 32oz jar, particle size, 0-0.5' bgs, to YAL*

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment: 322

YSI 556 -

Saw one worm and a few clams

SIGNATURE: _____
RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT: Stratford Army Engine Plant JOB NUMBER: 3616136044.02.XXXX DATE: 4/18/14
 LOCATION ID: SD2014-REF-03 ACTIVITY TIME: START 0800 END 0840 BOTTLE TIME: 0830
 SAMPLE ID: SD14REF0300FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION: FT
 WATER QUALITY PARAMETERS:
 TEMPERATURE: 8.01 C
 SPEC. COND.: 3.988 mS/cm
 PH: 7.63
 ORP: 17.2 mV
 DO: 7.44 mg/L
 SALINITY: 2.11 ppt
 TURBIDITY: NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC *black*
 SAND *Silty*
 GRAVEL
 CLAY
 OTHER _____

EQUIPMENT FOR COLLECTION OF DECON FLUIDS USED

HAND CORER DI WATER
 S.S. SPOON LIQUINOX
 ALUMINIUM PAN OTHER _____
 S.S. SPATULA OTHER _____

GPS Coordinates:

X - Coordinate:
 Y - Coordinate:

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	2 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input type="checkbox"/>

• 2 2-gallon pails, toxicity, 0-0.5' bgs, shipped to USA CE ERDC
 • 1 32oz jar, particle size, 0-0.5' bgs, to YAL

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

SIGNATURE: [Signature]
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

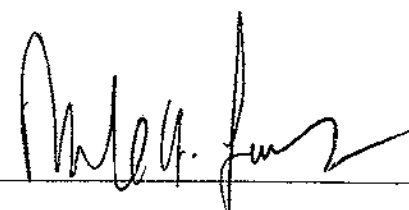
PROJECT Stratford Army Engine Plant JOB NUMBER 3818136044.02.XXXX DATE 5/11/14
 LOCATION ID: S02014-REF-945 003A ACTIVITY TIME START 11:57 END 11:50 BOTTLE TIME 11:20
 SAMPLE ID: S014 REF 360 AS

SURFACE WATER DATA		SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION DECON FLUIDS USED
WATER DEPTH AT LOCATION	<u>1</u> FT	<input type="checkbox"/> ORGANIC	<input checked="" type="checkbox"/> SAND	<input checked="" type="checkbox"/> HAND CORER
WATER QUALITY PARAMETERS:		<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input type="checkbox"/> DI WATER
TEMPERATURE	<u>10.56</u> C	<input type="checkbox"/> OTHER		<input checked="" type="checkbox"/> S.S. SPOON
SPEC. COND.	<u>0.453</u> mS/cm			<input type="checkbox"/> ALUMINIUM PAN
PH	<u>7.56</u>			<input type="checkbox"/> S.S. SPATULA
ORP	<u>699</u> mV			OTHER _____
DO	<u>9.91</u> mg/L			
SALINITY	<u>0.22</u> ppt			
TURBIDITY	NM NTUs			

GPS Coordinates:
 X - Coordinate 7
 Y - Coordinate _____

ANALYTICAL PARAMETERS		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED	
LAB	ANALYSIS	METHOD	REQUIRED		
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	TDC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 800	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	Metals/ /Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Notes:
 YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)
Equipment:
 YSI 556 -

SIGNATURE: 
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 5/1/14

LOCATION ID: SDJG14-REF-04

ACTIVITY TIME START 845 END 900

BOTTLE TIME 850

SAMPLE ID: SD14REF0400 FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

Same as REF-05 SDJG14

SEDIMENT DATA:

TYPE OF SEDIMENT:

- ORGANIC
- SAND
- GRAVEL
- CLAY
- OTHER

EQUIPMENT FOR COLLECTION DECONTAMINANTS USED

- HAND CORER
- S.S. SPOON
- ALUMINIUM PAN
- S.S. SPATULA
- DI WATER
- LIQUINOX
- OTHER

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons.	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	<u>SVOCs/PCB Homologs/PBB Aroclors</u>	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

SIGNATURE: *[Signature]*

RECEIVED BY:

M

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT: Stratford Army Engine Plant JOB NUMBER: 3616138044.02.XXXX DATE: 4/18/14
LOCATION ID: SD2014-REF-05 ACTIVITY TIME: START 0920 END 0950 BOTTLE TIME: 0940
SAMPLE ID: SD14REF050075

SURFACE WATER DATA: WATER DEPTH AT LOCATION: FT. WATER QUALITY PARAMETERS: TEMPERATURE: 9.33 C. SPEC. COND.: 0.880 mS/cm. PH: 7.74. ORP: 65.7 mV. DO: 7.51 mg/L. SALINITY: 0.43 ppt. TURBIDITY: NM NTUs.
SEDIMENT DATA: TYPE OF SEDIMENT: [X] ORGANIC, [X] SAND, [] GRAVEL, [] CLAY, [] OTHER. EQUIPMENT FOR COLLECTION: [] HAND CORER, [] S.S. SPOON, [] ALUMINIUM PAN, [] S.S. SPATULA, [] DI WATER, [] LIQUINOX, OTHER: .

taken from river mouth near sample location

black silty

ANALYTICAL PARAMETERS table with columns: Sediment, ANALYSIS, ANALYSIS ID, METHOD, PRESERVATION, BOTTLE TYPE/VOLUME, SAMPLE COLLECTED. Includes rows for Toxicity, Particle size, TOC/Asbestos, Metals, and SVOCs/PCB.

3 2-gallon pails, toxicity, 0-0.5' bgs, shipped to USACE ERDC
1 32oz jar, particle size, 0-0.5' bgs, to YAL

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment: YSI 556 - MS/MSD collected (third pail)

SIGNATURE: [Signature] RECEIVED BY:

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 5/16/14

LOCATION ID: SD2014-QRF-06

ACTIVITY TIME START 900 END 915

BOTTLE TIME 910

SAMPLE ID: SD14QRF0609SS

SURFACE WATER DATA

SEDIMENT DATA:

TYPE OF SEDIMENT:

EQUIPMENT FOR COLLECTION OF CON FLUIDS USED

WATER DEPTH AT LOCATION FT

ORGANIC

HAND CORER

DI WATER

SAND

S.S. SPOON

LIQUINOX

GRAVEL

ALUMINIUM PAN

OTHER

CLAY

S.S. SPATULA

OTHER

OTHER

WATER QUALITY PARAMETERS:

TEMPERATURE C

SAME AS

SPEC. COND. mS/cm

SD2014-QRF-01

PH

GPS Coordinates:

ORP mV

X - Coordinate

DO mg/L

Y - Coordinate

SALINITY ppt

TURBIDITY NM NTUs

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED
ERD <input type="checkbox"/>	Toxicity	EPA/800/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs (PCB Homologs/PCB Aroclors)	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

SIGNATURE: *Michael R. [Signature]*

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 5/1/14

LOCATION ID: S02014-REF-01

ACTIVITY TIME START 9:20 END 9:30

BOTTLE TIME 9:25

SAMPLE ID: S01M REPO700 PJ

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

same as S02014-REF-01

SEDIMENT DATA:

TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

CLAY

OTHER

EQUIPMENT FOR COLLECTION/DECON FLUIDS USED

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER

DI WATER

LIQUINOX

OTHER

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-83	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	TOC/ Asbestos (Chrysolite only)	Lloyd Kehn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Notes:

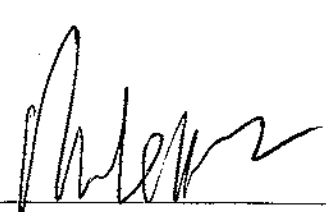
YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

SIGNATURE: _____

RECEIVED BY: _____



FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 8/1/15

LOCATION ID: S02014-REF-04 ACTIVITY TIME START 9:35 END 9:50

BOTTLE TIME 9:45

SAMPLE ID: S014 REF 0900 F1

SURFACE WATER DATA

SEDIMENT DATA: TYPE OF SEDIMENT:

EQUIPMENT FOR COLLECTION DECON FLUIDS USED

WATER DEPTH AT LOCATION FT

ORGANIC

HAND CORER

DI WATER

WATER QUALITY PARAMETERS:

SAND

S.S. SPOON

LIQUINOX

TEMPERATURE C

GRAVEL

ALUMINIUM PAN

OTHER

SPEC. COND. mS/cm

CLAY

S.S. SPATULA

PH

OTHER

OTHER

ORP mV

GPS Coordinates:

X - Coordinate

DO mg/L

Y - Coordinate

SALINITY ppt

TURBIDITY NM NTUs

SAME AS S014-REF-25

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOC/PCE Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

SIGNATURE: *[Signature]*
RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 5/1/14

LOCATION ID: SDJ014-RBF-10 ACTIVITY TIME

START 945 END 1000

BOTTLE TIME 950

SAMPLE ID: SD14(RBF1001F)

SURFACE WATER DATA

SEDIMENT DATA:

TYPE OF SEDIMENT:

EQUIPMENT FOR COLLECTION OF DECON FLUIDS USED

WATER DEPTH AT LOCATION FT

ORGANIC

HAND CORER

DI WATER

SAND

S.S. SPOON

LIQUINOX

GRAVEL

ALUMINIUM PAN

OTHER

CLAY

S.S. SPATULA

OTHER

OTHER

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

Handwritten note:
SAND AS SD14-RBF-21

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	Metals/ /Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	<u>SVOCs/PCB Homologs/PCB Aroclors</u>	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

SIGNATURE: *[Signature]*

RECEIVED BY:

FIELD DATA RECORD - SEDIMENT SAMPLING

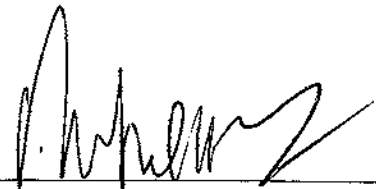
PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 5/14/10
 LOCATION ID: S02014-WBF-11 ACTIVITY TIME START 1105 END 1115 BOTTLE TIME 1110
 SAMPLE ID: S014RBF1100FS

SURFACE WATER DATA		SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION DECON FLUIDS USED	
WATER DEPTH AT LOCATION	<u> </u> FT		<input type="checkbox"/> ORGANIC	<input checked="" type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:			<input checked="" type="checkbox"/> SAND	<input checked="" type="checkbox"/> S.S. SPOON	<input type="checkbox"/> LIQUINOX
TEMPERATURE	<u>11.03</u> C		<input type="checkbox"/> GRAVEL	<input type="checkbox"/> ALUMINIUM PAN	OTHER <u> </u>
SPEC. COND.	<u>0.700</u> mS/cm		<input type="checkbox"/> CLAY	<input type="checkbox"/> S.S. SPATULA	
PH	<u>7.68</u>		<input type="checkbox"/> OTHER <u> </u>	<input type="checkbox"/> OTHER <u> </u>	
ORP	<u>86.5</u> mV	GPS Coordinates:			
DO	<u>10.1</u> mg/L	X - Coordinate	<u> </u>		
SALINITY	<u>0.34</u> ppt	Y - Coordinate	<u> </u>		
TURBIDITY	<u> </u> NM NTUs				

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/	
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs <u>PCB Homologs</u> PCB Aroclors	8270D SIM/660/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Notes:
 YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:
 YSI 556 -

SIGNATURE: 
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 5/11/14

LOCATION ID: S02014-RBF-15

ACTIVITY TIME START 1200 END 0115

BOTTLE TIME 1010

SAMPLE ID: S014 RBF 15 00 123

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE 10.74 C

SPEC. COND. 0.550 mS/cm

PH 7.62

ORP 63.07 mV

DO 9.79 mg/L

SALINITY 0.27 ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT.

ORGANIC

SAND

GRAVEL

CLAY

OTHER

EQUIPMENT FOR COLLECTION/DECONTAMINATION FLUIDS USED

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER

DI WATER

LIQUINOX

OTHER

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/	
				VOLUME REQUIRED	SAMPLE COLLECTED
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs (PCB Homologs) PCB Aroclors	8270D SIM/860/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

SIGNATURE: *[Signature]*
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616126034.02.XXXX

DATE 4/18/14

LOCATION ID: SD14REF18

ACTIVITY TIME START 1200 END 1235

BOTTLE TIME: 1230

SAMPLE ID: SD14REF1800FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE 11.69 °C

SPEC. COND. 1.091 mS/cm

PH 7.87

ORP 5.6 mV

DO 7.63 mg/L

SALINITY 0.55 ppt

TURBIDITY NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

- ORGANIC
- SAND
- GRAVEL
- CLAY
- OTHER _____

EQUIPMENT FOR COLLECTION OF CON FLUIDS USED

- HAND CORER
- S.S. SPOON
- ALUMINIUM PAN
- S.S. SPATULA
- DI WATER
- LIQUINOX
- OTHER _____

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED
ERDC <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 800	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input type="checkbox"/>

• 2 2-gallon pails, toxicity, 0-0.5' bgs, shipped to USACE ERDC
 • 1 32 oz jar, particle size, 0-0.5' bgs, to YAL

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment: 332

YSI 556 -

SIGNATURE: [Signature]

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 5/1/14

LOCATION ID: S014-REF-19

ACTIVITY TIME START 1621 END 1040

BOTTLE TIME 1030

SAMPLE ID: S014 REF19 00 AS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

SAME AS S014-REF-21

SEDIMENT DATA:

TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

CLAY

OTHER _____

EQUIPMENT FOR COLLECTION OF DECONTAMINATED FLUIDS USED

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER _____

DI WATER

LIQUINOX

OTHER _____

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/	
LAB	ANALYSIS	ANALYSIS ID	METHOD	VOLUME	SAMPLE
				REQUIRED	COLLECTED
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-83	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	Metals/ Mercury/ Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

SIGNATURE: 

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

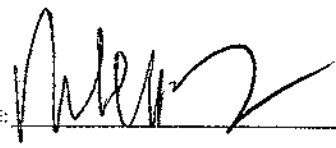
PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 5/11/14
 LOCATION ID: SD14-ABF-23 ACTIVITY TIME START 1000 END 1000 BOTTLE TIME 1000
 SAMPLE ID:

SURFACE WATER DATA		SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION DECONTAMINATION FLUIDS USED		
WATER DEPTH AT LOCATION	<u> </u> FT		<input type="checkbox"/> ORGANIC	<input checked="" type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER	
WATER QUALITY PARAMETERS:			<input checked="" type="checkbox"/> SAND	<input checked="" type="checkbox"/> S.S. SPOON	<input type="checkbox"/> LIQUINOX	
TEMPERATURE	<u> </u> C	} SAME AS SD14-ABF-21	<input type="checkbox"/> GRAVEL	<input type="checkbox"/> ALUMINIUM PAN	OTHER <u> </u>	
SPEC. COND.	<u> </u> mS/cm		<input type="checkbox"/> CLAY	<input type="checkbox"/> S.S. SPATULA		
PH	<u> </u>		<input type="checkbox"/> OTHER	<input type="checkbox"/> OTHER		
ORP	<u> </u> mV		GPS Coordinates:			
DO	<u> </u> mg/L		X - Coordinate	<u> </u>		
SALINITY	<u> </u> ppt		Y - Coordinate	<u> </u>		
TURBIDITY	<u> </u> NM <u> </u> NTUs					

ANALYTICAL PARAMETERS			PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	Metals/ /Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIW680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Notes:
 YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:
 YSI 556 -

SIGNATURE: 
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 5/1/14

LOCATION ID: 502014-RBF-26 ACTIVITY TIME

START 1200 END 1200

BOTTLE TIME 1230

SAMPLE ID: 5014 RBF2600 PS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE 16.1 C

SPEC. COND. 0.431 mS/cm

PH 7.73

ORP 92.1 mV

DO 10.1 mg/L

SALINITY 0.21 ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

CLAY

OTHER

EQUIPMENT FOR COLLECTION DECON FLUIDS USED

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER

DI WATER

LIQUINOX

OTHER

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	Metals/ /Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	<u>SVOCs/PCB Homologs/PCB Aroclors</u>	8270D SIN/680/6082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

SIGNATURE: 

RECEIVED BY:

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3816136044.02.XXXX

DATE 5/1/14

LOCATION ID: S02014-02B-25

ACTIVITY TIME START 1100 END 1130

BOTTLE TIME 1120

SAMPLE ID: S01402B2500 B

SURFACE WATER DATA

SEDIMENT DATA:

TYPE OF SEDIMENT:

EQUIPMENT FOR COLLECTION OF CONCENTRATED FLUIDS USED

WATER DEPTH AT LOCATION FT

ORGANIC

HAND CORER

DI WATER

SAND

S.S. SPOON

LIQUINOX

GRAVEL

ALUMINIUM PAN

OTHER _____

CLAY

S.S. SPATULA

OTHER _____

OTHER _____

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

SAME AS S02014-02B-25

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/ VOLUME REQUIRED	SAMPLE COLLECTED
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	<u>SVOCs/PCB Homologs/PCB Aroclors</u>	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 558 -

SIGNATURE: [Signature]
RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 5/11/14

LOCATION ID: S02014-ABF-29

ACTIVITY TIME START 1145 END 1200

BOTTLE TIME 1150

SAMPLE ID: S014ABF2901FS

SURFACE WATER DATA

SEDIMENT DATA: TYPE OF SEDIMENT:

EQUIPMENT FOR COLLECTION DECON FLUIDS USED

WATER DEPTH AT LOCATION 1 FT

ORGANIC

HAND CORER

DI WATER

WATER QUALITY PARAMETERS:

SAND

B.S. SPOON

LIQUINOX

TEMPERATURE C

GRAVEL

ALUMINIUM PAN

OTHER

SPEC. CONU. mS/cm

CLAY

S.S. SPATULA

OTHER

OTHER

PH

GPS Coordinates:

ORP mV

X - Coordinate

DO mg/L

Y - Coordinate

SALINITY ppt

TURBIDITY NM NTUs

Handwritten note: Same as S0204-ABF-45007A

ANALYTICAL PARAMETERS

Sediment		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	METHOD	REQUIRED	
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C 1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C 1X 32 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	TDC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C 1X 8 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	Metals/ /Mercury/Cyanide	6020/7471/9012	4 DEG C 1X 8 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs (PCB Homologs) PCB Aroclors	8270D SIM/680/8082	4 DEG C 1X 8 oz	<input checked="" type="checkbox"/>

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

SIGNATURE: [Signature]

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 4/22/14

LOCATION ID: SDI4TFA45

ACTIVITY TIME START 1055 END 1120

BOTTLE TIME 1115

SAMPLE ID: SDI4TFA4500FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

- ORGANIC *black silt*
- SAND
- GRAVEL
- CLAY
- OTHER _____

EQUIPMENT FOR COLLECTION OF DECON FLUIDS USED

- HAND CORER
- S.S. SPOON
- ALUMINIUM PAN
- S.S. SPATULA
- OTHER _____
- DI WATER
- LIQUINOX
- OTHER _____

no standing water at location

GPS Coordinates:

X - Coordinate
Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

- 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USACE
- 1 32oz jar, particle size 0-0.5' bgs, to YAL ERDC
- 2 8oz amber, ARS, 1-2' bgs, hold and freeze, to YAL

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Lots of worms and roots

Equipment:

YSI 556 -

Collected 1-2' sample for hold and freeze

SDI4TFA4501FS @ 1115

SIGNATURE: [Signature]

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT: Stratford Army Engine Plant JOB NUMBER: 3616136044.02.XXXX DATE: 4/22/14
 LOCATION ID: SDI4TFA56 ACTIVITY TIME: START 1030 END 1050 BOTTLE TIME: 1045
 SAMPLE ID: SDI4TFA5601FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION: FT
 WATER QUALITY PARAMETERS:
 TEMPERATURE: C
 SPEC. COND.: mS/cm
 PH:
 ORP: mV
 DO: mg/L
 SALINITY: ppt
 TURBIDITY: NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC *black silt* HAND CORER DI WATER
 SAND S.S. SPOON LIQUINOX
 GRAVEL ALUMINIUM PAN OTHER _____
 CLAY S.S. SPATULA
 OTHER _____ OTHER _____

no standing water at location

GPS Coordinates:

X - Coordinate:
 Y - Coordinate:

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Notes:
 • 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USACE ERDC
 • 1 32oz jar, particle size, 0-0.5' bgs, to YAL
 • 2 8oz amber, AGS, 1-2' bgs, hold and freeze, to YAL

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

*Lots of worms and roots
 collected 1-2' sample per hold and freeze
 SDI4TFA5601FS*

SIGNATURE: 

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 4/23/14

LOCATION ID: SDI4TFA67

ACTIVITY TIME START 0915 END 1010

BOTTLE TIME 0950

SAMPLE ID: SDI4TFA6700FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

CLAY

OTHER

EQUIPMENT FOR COLLECTION/DECON FLUIDS USED

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER

DI WATER

LIQUINOX

OTHER

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

• 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to ~~YAL~~ USACE ERDC
 • 1 32oz jar, particle size, 0-0.5' bgs, to YAL
 • 2 8oz amber, 1-2' bgs, hold and freeze, to YAL

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

Collected 1-2' sample for hold and freeze

SDI4TFA6701FS @ 0950

SIGNATURE: [Signature]

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 4/28/14
 LOCATION ID: SD14TF41 ACTIVITY TIME START 1250 END 1310 BOTTLE TIME 1300
 SAMPLE ID: SD14TF4100FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT
 WATER QUALITY PARAMETERS:
 TEMPERATURE 9.12 C
 SPEC. COND. 40.26 mS/cm
 PH 7.93
 ORP -12.4 mV
 DO 6.49 mg/L
 SALINITY 25.57 ppt
 TURBIDITY NM NTUs

SEDIMENT DATA:

TYPE OF SEDIMENT:
 ORGANIC
 SAND *Silty*
 GRAVEL
 CLAY
 OTHER _____
 EQUIPMENT FOR COLLECTION OF DECON FLUIDS USED:
 HAND CORER
 S.S. SPOON
 ALUMINUM PAN
 S.S. SPATULA
 OTHER _____
 DI WATER
 LIQUINOX
 OTHER _____

GPS Coordinates:

X - Coordinate
 Y - Coordinate

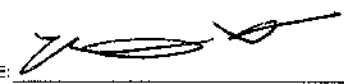
ANALYTICAL PARAMETERS

LAB	ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/	
				VOLUME REQUIRED	SAMPLE COLLECTED
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

• 1 8oz jar, metals + cyanide, 0-0.5' bgs, to YAL
 • 1 8oz jar, TOC + asbestos, 0-0.5' bgs, to YAL
 • 1 8oz jar, SVOCs + PCBs, 0-0.5' bgs, to YAL
 • 2 8oz amber, 1-2 bgs, hold and freeze, to YAL

Notes:
 YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD = US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:
 YSI 556 -
 collected sample from 1-2' for hold and freeze
 SD14TF4101FS @ 1300

SIGNATURE: 
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 4/22/14

LOCATION ID: SD1M-TP-A2

ACTIVITY TIME START 0800 END 0840

BOTTLE TIME 0835

SAMPLE ID: SD1MTPA200FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE 8.42 c

SPEC. COND. 40.56 mS/cm

PH 7.94

ORP 80.3 mV

DO 7.31 mg/L

SALINITY 25.72 ppt

TURBIDITY NM NTUs

SEDIMENT DATA:

TYPE OF SEDIMENT: 0-0.5'

EQUIPMENT FOR COLLECTION OF DECON FLUIDS USED

- ORGANIC black silt
- SAND black silt sand 1-2'
- GRAVEL
- CLAY
- OTHER
- HAND CORER
- S.S. SPOON
- ALUMINIUM PAN
- S.S. SPATULA
- OTHER
- DI WATER
- LIQUINOX
- OTHER

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/ VOLUME REQUIRED	SAMPLE COLLECTED
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

- 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USA CE ERDC
- 1 32 oz jar, particle size, 0-0.5' bgs, to YAL
- 2 8oz amber, AGS, 1-2', hold and freeze, to YAL

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

lots of clams in sample
collected 1-2' sample for hold and freeze
SD1MTPA200FS

SIGNATURE: 

RECEIVED BY:

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 4/23/14

LOCATION ID: SDI4TF A3

ACTIVITY TIME START 0920 END 0940

BOTTLE TIME 0935

SAMPLE ID: SDI4TF A301FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE 11.11 C

SPEC. COND. 40.71 mS/cm

PH 7.85

ORP 143.2 mV

DO 7.33 mg/L

SALINITY 25.73 ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

- ORGANIC black silt
- SAND
- GRAVEL
- CLAY
- OTHER

EQUIPMENT FOR COLLECTION OF DECON FLUIDS USED

- HAND CORER
- DI WATER
- S.S. SPOON
- LIQUINOX
- ALUMINIUM PAN
- OTHER
- S.S. SPATULA
- OTHER

GPS Coordinates:

X - Coordinate
Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Notes:

- 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USACE ERDC
- 1 32oz jar, particle size, 0-0.5' bgs, to YAL
- 2 8oz amber, AGS, 1-2' bgs, hold and freeze, to YAL

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

collected 1-2' sample for hold and freeze
SDI4TF A301FS @ 0935

SIGNATURE: [Signature]

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT: Stratford Army Engine Plant JOB NUMBER: 3616136044.02.XXXX DATE: 4/23/14
 LOCATION ID: SD1MTEA4 ACTIVITY TIME: START 020 END 1100 BOTTLE TIME: 1050
 SAMPLE ID: SD1MTEA400FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION: FT

WATER QUALITY PARAMETERS:

TEMPERATURE: C

SPEC. COND.: mS/cm

PH:

ORP: mV

DO: mg/L

SALINITY: ppt

TURBIDITY: NM NTUs

SEDIMENT DATA:

TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

CLAY

OTHER

EQUIPMENT FOR COLLECTION/DECON FLUIDS USED

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER

DI WATER

LIQUINOX

OTHER

GPS Coordinates:

X - Coordinate:

Y - Coordinate:

ANALYTICAL PARAMETERS

Sediment		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAR	ANALYSIS	METHOD	REQUIRED	
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	1X 8 oz	<input checked="" type="checkbox"/>

Notes:
 • 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to VSTE ERDC
 • 1 32 oz jar, particle size, 0-0.5' bgs, to YAL
 • 2 8oz amber, AGs, 1-2' bgs, hold and freeze, to YAL

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

collected 1-2' sample for hold and freeze
 SD1MTEA401FS @ 1050

SIGNATURE: 

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3618136044.02.XXXX

DATE 4/24/14

LOCATION ID: SO2014-TP-45

ACTIVITY TIME START 830 END 915

BOTTLE TIME 900

SAMPLE ID: SO14TP-A500 PS

SURFACE WATER DATA

WATER DEPTH AT LOCATION 2 FT

WATER QUALITY PARAMETERS:

TEMPERATURE 7.48 C

SPEC. COND. 41.51 mS/cm

PH 7.85

ORP 120 mV

DO 13.68 mg/L

SALINITY 26.38 ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

CLAY

OTHER Silt

EQUIPMENT FOR COLLECTION OF DECON FLUIDS USED

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

DI WATER

LIQUINOX

OTHER _____

GPS Coordinates:

X - Coordinate -

Y - Coordinate -

ANALYTICAL PARAMETERS

Sediment		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED	
LAB	ANALYSIS	METHOD	REQUIRED		
ERD <input checked="" type="checkbox"/>	Toxicity - 2 gallons collected for analysis	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SHW/690/8082	4 DEG C	1X 8 oz	<input type="checkbox"/>

Collected 1-2" sample for hold for analysis

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

SIGNATURE: [Signature]
RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 4/24/09

LOCATION ID: S01M14-TR-AG

ACTIVITY TIME START 8:20 END 1:00

BOTTLE TIME 9:45

SAMPLE ID: S01M14-AG0015

SURFACE WATER DATA

SEDIMENT DATA: TYPE OF SEDIMENT:

EQUIPMENT FOR COLLECTION OF DECON FLUIDS USED

WATER DEPTH AT LOCATION 2 FT

ORGANIC

HAND CORER

DI WATER

SAND

S.S. SPOON

LIQUINOX

WATER QUALITY PARAMETERS:

GRAVEL

ALUMINIUM PAN

OTHER _____

TEMPERATURE 7.51 C

CLAY

S.S. SPATULA

SPEC. COND. 46.12 mS/cm

OTHER Silt

OTHER _____

PH 7.89

GPS Coordinates:

ORP 72.9 mV

X - Coordinate _____

DO 7.81 mg/L

Y - Coordinate _____

SALINITY 26.05 ppt

TURBIDITY NM NTUs

50

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	Metals/ /Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input type="checkbox"/>

Collect 1-2' sample for hold for analysis.

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

SIGNATURE: _____

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 4/22/14

LOCATION ID: SDI4TF A7

ACTIVITY TIME START 1600 END 1630

BOTTLE TIME 1625

SAMPLE ID: SDI4TF A701FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE 9.20 C

SPEC. COND. 37.84 mS/cm

PH 7.99

ORP 154 mV

DO 8.16 mg/L

SALINITY 23.98 ppt

TURBIDITY NM NTUs

SEDIMENT DATA:

TYPE OF SEDIMENT:

- ORGANIC *black silt*
- SAND
- GRAVEL *strong sulfur odor*
- CLAY
- OTHER

EQUIPMENT FOR COLLECTION OF DECON FLUIDS USED

- HAND CORER
- S.S. SPOON
- ALUMINIUM PAN
- S.S. SPATULA
- DI WATER
- LIQUINOX
- OTHER
- OTHER

GPS Coordinates:

X - Coordinate
Y - Coordinate


ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

• 1 2gallon pail, toxicity, 0-0.5' bgs, shipped to USACE ERDC
 • 1 32oz jar, particle size, 0-0.5' bgs, to YAL
 • 2 8oz amber, AGS, 1-2' bgs, hold and freeze, to YAL

Notes:
 YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:
 YSI 556 -
 Collected 1-2' sample for hold and freeze
 SDI4TF A701FS @ 1625

SIGNATURE: 
 RECEIVED BY:

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 4/16/14

LOCATION SD14TF-01

ACTIVITY TIME START 1015 END 1045

BOTTLE TIME 1030

SAMPLE ID: SD14TFB100FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION — FT

WATER QUALITY PARAMETERS:

TEMPERATURE 10.43 C

SPEC. COND. 2.236 mS/cm

PH 8.16

ORP 101.1 mV

DO 9.33 mg/L

SALINITY 1.21 ppt

TURBIDITY NM NTUs

SEDIMENT DATA:

Density Collected at 1030 P.M.

TYPE OF SEDIMENT:

- ORGANIC
- SAND/SILT
- GRAVEL
- CLAY
- OTHER

EQUIPMENT FOR COLLECTION/DECON FLUIDS USED

- HAND CORER
- 1/8 S. SPOON
- ALUMINIUM PAN
- S.S. SPATULA
- DI WATER
- LIQUINOX
- OTHER _____

GPS Coordinates:

X - Coordinate —
Y - Coordinate —

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED
ERD	<input checked="" type="checkbox"/> Toxicity	EPA/600/R-01/020	4 DEG C	2 X 2 Gallons	<input checked="" type="checkbox"/>
YAL	<input checked="" type="checkbox"/> Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL	<input checked="" type="checkbox"/> TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL	<input checked="" type="checkbox"/> Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL	<input checked="" type="checkbox"/> SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

- 2 2-gallon pails, toxicity, 0-0.5' bgs
- 1 32 oz, particle size, 0-0.5', to YAL
- 2 8oz jars, AGS, 1-2', to YAL (hold)

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 - 322 Collect ~~at 1-2'~~ Sample for Hotel
SD14TF B100FS 1030

collected FD, MS, MSD from 1-2'
Dup from 0-0.5' (second pail)

collected FD, MS, MSD for Hold on
4/18/14 at 1100, but labelled as
4/16/14 1030 to avoid confusion

SIGNATURE: [Signature]
RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 4/23/14
 LOCATION ID: SDTFB2 ACTIVITY TIME START 0900 END 0920 BOTTLE TIME 0915
 SAMPLE ID: SD14TFB200FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE 8.02 C N/A

SPEC. COND. 40.76 mS/cm

PH 8.02

ORP 48.9 mV

DO 7.57 mg/L

SALINITY 25.81 ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC HAND CORER DI WATER
 SAND S.S. SPOON LIQUINOX
 GRAVEL ALUMINIUM PAN OTHER _____
 CLAY S.S. SPATULA
 OTHER _____ OTHER _____

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME		SAMPLE
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED	COLLECTED
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/8012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

- 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USACE ERDC
- 1 32oz jar, particle size, 0-0.5' bgs, to YAL
- 2 8oz amber, Afs, 1-2', hold and freeze, to YAL

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

collected 1-2' sample for hold and freeze
 SD14TFB200FS

SIGNATURE: 

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT: Stratford Army Engine Plant JOB NUMBER: 3616136044.02.XXXX DATE: 4/28/14
 LOCATION ID: SD14TF B3 ACTIVITY TIME: START 1315 END 1345 BOTTLE TIME: 1330
 SAMPLE ID: SD14TFB300FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION: FT
 WATER QUALITY PARAMETERS:
 TEMPERATURE: 9.32 C
 SPEC. COND.: 40.11 mS/cm
 PH: 7.73
 ORP: 36.8 mV
 DO: 6.40 mg/L
 SALINITY: 25.46 ppt
 TURBIDITY: NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC silt
 SAND worms and clams
 GRAVEL
 CLAY
 OTHER _____

EQUIPMENT FOR COLLECTION OF FLUIDS USED

HAND CORER
 DI WATER
 LIQUINOX
 S.S. SPOON
 ALUMINIUM PAN SS
 S.S. SPATULA
 OTHER _____

GPS Coordinates:

X - Coordinate:
 Y - Coordinate:

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Notes:
 • 1 2-gallon Pail, toxicity, 0-0.5' bgs, to USACE ERDC (shipped)
 • 1 32 oz jar, particle size, 0-0.5' bgs, to YAL
 • 2 8oz amber, 1-2' bgs, hold and freeze, to YAL

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

collected 1-2' sample for hold and freeze SD14TFB300FS @ 1330

SIGNATURE: 

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 4/25/14

LOCATION ID: SD14TF B5

ACTIVITY TIME START 0840 END 0850

BOTTLE TIME 0845

SAMPLE ID: SD14TFB500FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE 7.31 C

SPEC COND. 39.77 mS/cm

PH 7.88

ORP 69.5 mV

DO 7.51 mg/L

SALINITY 25.13 ppt

TURBIDITY NM NTUs

SEDIMENT DATA:

TYPE OF SEDIMENT:

- ORGANIC black silt
- SAND
- GRAVEL strong sulphide odor
- CLAY
- OTHER

EQUIPMENT FOR COLLECTION OF DECON FLUIDS USED

- HAND CORER
- DI WATER
- S.S. SPOON
- LIQUINOX
- ALUMINIUM PAN
- OTHER
- S.S. SPATULA
- OTHER

GPS Coordinates:

X - Coordinate
Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8002	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

• 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USAACE ERDC
 • 1 32oz jar, particle size, 0-0.5' bgs, to YAL
 • 2 8oz amber, AGS, 1-2' bgs, hold and freeze, to YAL

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 656 -

Collected 1-2' sample for hold and freeze

SD14TFB500FS @ 0845

SIGNATURE: [Signature]

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 4/25/14
 LOCATION ID: SD14TFB6 ACTIVITY TIME START 0810 END 0830 BOTTLE TIME 0820
 SAMPLE ID: SD14TFB600FS

SURFACE WATER DATA		SEDIMENT DATA: TYPE OF SEDIMENT:		EQUIPMENT FOR COLLECTION DECON FLUIDS USED	
WATER DEPTH AT LOCATION	<input type="text"/> FT	<input checked="" type="checkbox"/> ORGANIC	<u>black silt sulphite odor</u>	<input checked="" type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:		<input type="checkbox"/> SAND		<input checked="" type="checkbox"/> S.S. SPOON	<input type="checkbox"/> LIQUINOX
TEMPERATURE	<u>6.95</u> C	<input type="checkbox"/> GRAVEL		<input type="checkbox"/> ALUMINIUM PAN	OTHER _____
SPEC. COND.	<u>41.13</u> mS/cm	<input type="checkbox"/> CLAY		<input type="checkbox"/> S.S. SPATULA	
PH	<u>7.89</u>	<input type="checkbox"/> OTHER _____		<input type="checkbox"/> OTHER _____	
ORP	<u>47.0</u> mV	GPS Coordinates:			
DO	<u>7.51</u> mg/L	X - Coordinate	<input type="text"/>		
SALINITY	<u>26.02</u> ppt	Y - Coordinate	<input type="text"/>		
TURBIDITY	<input type="text"/> NM <input type="text"/> NTUs				

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/ VOLUME		SAMPLE	
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED		
ERD <input checked="" type="checkbox"/>	Toxicity	EPV600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>		
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>		
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kehn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>		
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>		
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>		

• 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USACE ERDC
 • 1 32oz jar, particle size, 0-0.5' bgs, to YAL
 • 2 8oz amber, AGIS, 1-2' bgs, hold and freeze, to YAL

Notes:
 YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:
 YSI 556 - collected 1-2' sample for hold and freeze
SD14TFB600FS @ 0820

SIGNATURE: [Signature]
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 4/30/14

LOCATION ID: SD14TFC1

ACTIVITY TIME START 0800 END 0810

BOTTLE TIME 0800

SAMPLE ID: SD14TFC100FS

0750

SURFACE WATER DATA

SEDIMENT DATA: TYPE OF SEDIMENT:

EQUIPMENT FOR COLLECTION OF FLUIDS USED

WATER DEPTH AT LOCATION FT

- ORGANIC
- SAND *rocky w/ shells*
- GRAVEL *oily*
- CLAY
- OTHER

- HAND CORER
- S.S. SPOON *S.S.*
- ALUMINIUM PAN
- S.S. SPATULA
- OTHER

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

no standing water at location

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/ VOLUME REQUIRED	SAMPLE COLLECTED
YAL <input checked="" type="checkbox"/> ERD <input checked="" type="checkbox"/>	TOxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/ Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

- 1 8oz amber, metals + cyanide, 0-0.5' bgs, to YAL
- 1 8oz amber, TOC + asbestos, 0-0.5' bgs, to YAL
- 1 8oz amber, SVOCs + PCBs, 0-0.5' bgs, to YAL
- 2 8oz amber, hold and freeze, 1-2' bgs, to YAL

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 856 -

Collected 1-2' sample for hold and freeze SD14TFC100FS @ 0800

SIGNATURE: *[Signature]*

RECEIVED BY:

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3610136044.02.XXXX DATE 7/25/14
 LOCATION ID: SD14TF C3 ACTIVITY TIME START 1055 END 1110 BOTTLE TIME 1105
 SAMPLE ID: SD14TF C300FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE 7.95 °C

SPEC. COND. 39.13 µS/cm

PH 7.92

ORP 136.5 mV

DO 7.60 mg/L

SALINITY 24.7 ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

CLAY

OTHER _____

EQUIPMENT FOR COLLECTION OF FLUIDS USED

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER _____

DI WATER

LIQUINOX

OTHER _____

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/ VOLUME REQUIRED	SAMPLE COLLECTED
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/800/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kehn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	B270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Notes:
 • 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USACE ERDC
 • 1 32oz jar, particle size, 0-0.5' bgs, to YAL
 • 2 8oz amber, 465, 1-2' bgs, hold and freeze, to YAL

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

Collected 1-2' sample for hold and freeze
 SD14TF C301FS e/1105

SIGNATURE: [Signature]
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3818136044.02.XXXX DATE 4/25/14
 LOCATION ID: SD14TF CY ACTIVITY TIME START 1040 END 1050 BOTTLE TIME 1045
 SAMPLE ID: SD14TF CY 007 S

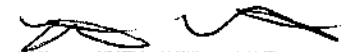
SURFACE WATER DATA		SEDIMENT DATA: TYPE OF SEDIMENT:		EQUIPMENT FOR COLLECTION OF FLUIDS USED	
WATER DEPTH AT LOCATION	<input type="text"/> FT	<input checked="" type="checkbox"/> ORGANIC	<u>black</u>	<input checked="" type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:		<input checked="" type="checkbox"/> SAND	<u>silty</u>	<input checked="" type="checkbox"/> S.S. SPOON	<input type="checkbox"/> LIQUINOX
TEMPERATURE	<u>7.69</u> C	<input type="checkbox"/> GRAVEL		<input type="checkbox"/> ALUMINIUM PAN	OTHER _____
SPEC. COND.	<u>39.08</u> mS/cm	<input type="checkbox"/> CLAY		<input type="checkbox"/> S.S. SPATULA	
PH	<u>7.96</u>	<input type="checkbox"/> OTHER		<input type="checkbox"/> OTHER	
ORP	<u>130.9</u> mV	GPS Coordinates:			
DO	<u>7.70</u> mg/L	X - Coordinate	<input type="text"/>		
SALINITY	<u>27.69</u> ppt	Y - Coordinate	<input type="text"/>		
TURBIDITY	<input type="text"/> NM <input type="text"/> NTUs				

ANALYTICAL PARAMETERS				BOTTLE TYPE/	
LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

• 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USACE ERDC
 • 1 32oz jar, particle size, 0-0.5' bgs, to YAL
 • 2 8oz zipper, AFS, 1-2' bgs, hold and freeze, to YAL

Notes:
 YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:
 YSI 556 -
 Collected 1-2' sample for hold and freeze SD14TF CY 01FS @ 1045

SIGNATURE: 
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 4/25/14

LOCATION ID: SD14TF05

ACTIVITY TIME START 0945 END 1000

BOTTLE TIME 0958

SAMPLE ID: SD14TF0501FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE 7.20 C

SPEC. COND. 40.84 mS/cm

PH 7.91

ORP 112.0 mV

DO 7.65 mg/L

SALINITY 25.84 ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

- ORGANIC black
- SAND silt
- GRAVEL Sand
- CLAY subside color
- OTHER _____

EQUIPMENT FOR COLLECTION OF FLUIDS USED

- HAND CORER
- S.S. SPOON
- ALUMINIUM PAN
- S.S. SPATULA
- DI WATER
- LIQUINOX
- OTHER _____

GPS Coordinates:

X - Coordinate
Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ /Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Notes:

- 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USACE ERDC
- 1 32oz jar, particle size, 0-0.5' bgs, to YAL
- 2 8oz amber, A6S, 1-2' bgs, hold and freeze, to YAL

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

collected 1-2' bgs sampler for hold and freeze SD14TF0501FS @

SIGNATURE: 

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 4/25/14
 LOCATION ID: SD14TF C6 ACTIVITY TIME START 0855 END 0915 BOTTLE TIME 0905
 SAMPLE ID: SD14TF C600FB

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT
 WATER QUALITY PARAMETERS:
 TEMPERATURE 9.05 °C
 SPEC. COND. 41.02 mS/cm
 PH 7.92
 ORP 93.6 mV
 DO 7.53 mg/L
 SALINITY 25.94 ppt
 TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC *black silt, sulphide odor* HAND CORER DI WATER
 SAND S.S. SPOON LIQUINOX
 GRAVEL ALUMINIUM PAN OTHER _____
 CLAY S.S. SPATULA
 OTHER _____ OTHER _____

GPS Coordinates:

X - Coordinate
 Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

• 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USACE ERDC
 • 1 32oz jar, particle size, 0-0.5' bgs, to YAL
 • 2 8oz amber, AGs, 1-2' bgs, hold and freeze, to YAL

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

collected 1-2' sampler hold and freeze
 SD14TFC601FB @ 0905

SIGNATURE: 

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 7/16/10
 LOCATION SD14TFDE0 ACTIVITY TIME START 0930 END 1000 BOTTLE TIME 0955
 SAMPLE ID: SD14TFDE001S 0945 1015

SURFACE WATER DATA		SEDIMENT DATA: TYPE OF SEDIMENT:		EQUIPMENT FOR COLLECTION DECON FLUIDS USED	
WATER DEPTH AT LOCATION	<input type="text"/> FT	<input checked="" type="checkbox"/> ORGANIC	<input checked="" type="checkbox"/> SAND <i>Fine, silty</i>	<input checked="" type="checkbox"/> HAND CORER	<input checked="" type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:		<input checked="" type="checkbox"/> GRAVEL <i>mud/sand</i>	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX	OTHER _____
TEMPERATURE	<u>9.5</u> °C	<input type="checkbox"/> CLAY	<input type="checkbox"/> ALUMINIUM PAN	<input type="checkbox"/> S.S. SPATULA	
SPEC. COND.	<u>5.84</u> mS/cm	<input checked="" type="checkbox"/> OTHER <u>oil</u>	<input type="checkbox"/> OTHER _____		
PH	<u>8.3</u>	GPS Coordinates:			
ORP	<u>70.5</u> mV	X - Coordinate	<input type="text"/>		
DO	<u>10.3</u> mg/L	Y - Coordinate	<input type="text"/>		
SALINITY	<u>3.3</u> ppt				
TURBIDITY	<input type="text"/> NM <input type="text"/> NTUs				

ANALYTICAL PARAMETERS				BOTTLE TYPE/	
LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	2 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

• 2 2-gallon pails collected for shipment to USACE ERDC, 0.0-0.5' bgs
 • 1 32oz jar, particle size, 0-0.5' bgs to YAL
 • 2 8oz jars, AGS, 1-2' bgs to YAL (hold)

Notes:
 YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:
 YSI 556 - 722
 Cullout ^{1-2'} for hold
 SD14TFDE001 1010

collected FD, AS, MSD from 1-2'

SIGNATURE: *Mark H. [Signature]*
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 4/22/14
 LOCATION ID: SD14-TFD1 ACTIVITY TIME START 0845 END 0905 BOTTLE TIME 0910
 SAMPLE ID: SD14TFD100FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT
 WATER QUALITY PARAMETERS:
 TEMPERATURE 8.51 C
 SPEC. COND. 40.52 mS/cm
 PH 7.93
 ORP 88.2 mV
 DO 7.35 mg/L
 SALINITY 25.71 ppt
 TURBIDITY NM NTUs

SEDIMENT DATA:

TYPE OF SEDIMENT: 0-0.5'
 ORGANIC black silt
 SAND gray 1-2'
 GRAVEL sandy
 CLAY sand
 OTHER _____
 EQUIPMENT FOR COLLECTION OF DECON FLUIDS USED:
 HAND CORER
 S.S. SPOON
 ALUMINIUM PAN
 S.S. SPATULA
 OTHER _____
 DI WATER
 LIQUINOX
 OTHER _____

GPS Coordinates:

X - Coordinate
 Y - Coordinate

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/ VOLUME REQUIRED	SAMPLE COLLECTED
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

• 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USACE ERDC
 • 1 32 oz jar, particle size, 0-0.5' bgs, to YAL
 • 2 8oz amber, AGIs, 1-2' bgs, hold and freeze, to YAL

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

collected 1-2' sample for hold and freeze
 SD14TFD101FS

SIGNATURE: 

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT: Stratford Army Engine Plant

JOB NUMBER: 3616136044.02.XXXX

DATE: 4/25/14

LOCATION ID: SD14TF D2

ACTIVITY TIME: START 12:10 END 12:10

BOTTLE TIME: 1200

SAMPLE ID: SD14TF D201FS

1150

SURFACE WATER DATA

WATER DEPTH AT LOCATION: [] FT

WATER QUALITY PARAMETERS:

TEMPERATURE: 8.14 C

SPEC. COND.: 40.29 mS/cm

PH: 7.94

ORP: 138.6 mV

DO: 7.57 mg/L

SALINITY: 25.51 ppt

TURBIDITY: [] NM [] NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC: [X] black
SAND: [X] silty sand
GRAVEL: []
CLAY: []
OTHER: []

EQUIPMENT FOR COLLECTION OF FLUIDS USED

HAND CORER: [X] DI WATER: []
S.S. SPOON: [X] LIQUINOX: []
ALUMINIUM PAN: [] OTHER: []
S.S. SPATULA: [] OTHER: []

GPS Coordinates:

X - Coordinate: []
Y - Coordinate: []

ANALYTICAL PARAMETERS

LAP	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/ VOLUME REQUIRED	SAMPLE COLLECTED
ERD [X]	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	[X]
YAL [X]	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	[X]
YAL [X]	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	[X]
YAL [X]	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	[X]
YAL [X]	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	[X]

Notes:
• 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USACE ERDC
• 1 32 oz jar, particle size, 0-0.5' bgs, to YAL
• 2 8oz amber, AGs, 1-2' bgs, hold and freeze, to YAL

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

Collected SD14TF D201FS @ 1200
1-2' hold and freeze

SIGNATURE: [Signature]
RECEIVED BY: []

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 4/29/14

LOCATION ID: SD14TFD3

ACTIVITY TIME START 1530 END 1555

BOTTLE TIME 1545

SAMPLE ID: SD14TFD301FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE 9.29 C

SPEC. COND. 35.00 mS/cm

PH 7.88

ORP 10.4 mV

DO 8.15 mg/L

SALINITY 22.20 ppt

TURBIDITY NM NTUs

SEDIMENT DATA:

TYPE OF SEDIMENT: 0-5' black organic silt

EQUIPMENT FOR COLLECTION OF FLUIDS USED

ORGANIC

HAND CORER

DI WATER

SAND

S.S. SPOON

LIQUINOX

GRAVEL

ALUMINUM PAN

OTHER

CLAY

S.S. SPATULA

OTHER

OTHER

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/0082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

• 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USACE ERDC
 • 1 32oz jar, particle size, 0-0.5' bgs, to YAL
 • 2 8oz amber, 1-2' bgs, hold and freeze, to YAL

Notes:
 YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:
 YSI 556 -
 collected 1-2' sample for hold and freeze
 SD14TFD301FS @ 1545

SIGNATURE: [Signature]
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 4/29/14

LOCATION ID: SDI4TFD4

ACTIVITY TIME START 1450 END 1510

BOTTLE TIME 1500

SAMPLE ID: SDI4TFD401FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE 9.15 C

SPEC. COND. 33.00 mS/cm

PH 7.88

ORP 79.0 mV

DO 8.94 mg/L

SALINITY 20.60 ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

- ORGANIC *0-0.5' black organic sandy silt*
- SAND
- GRAVEL
- CLAY *1-2' more sand bluish to olive gray*
- OTHER
- HAND CORER
- S.S. SPOON
- ALUMINUM PAN
- S.S. SPATULA
- OTHER
- DI WATER
- LIQUINOX
- OTHER _____

EQUIPMENT FOR COLLECTION OF DECON FLUIDS USED

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

• 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USACEEERDC
 • 1 32oz jar, particle size, 0-0.5' bgs to 1/4L
 • 2 8oz amber, hold and freeze, ~~2~~ 1-2' bgs, to 1/4L

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

Collected 1-2' sample per hold and freeze
 SDI4TFD401FS @ 1500

SIGNATURE: 

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 5/1/14

LOCATION ID: SD14TFDS

ACTIVITY TIME START 11:20 END 12:00

BOTTLE TIME 11:45

SAMPLE ID: SD14TFDS006FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION 3 FT

WATER QUALITY PARAMETERS:

TEMPERATURE 10.47 C

SPEC. COND. 0.667 cm/cm

PH 7.66

ORP 198.6 mV

DO 10.19 mg/L

SALINITY 0.33 ppt

TURBIDITY NM NTUs

SEDIMENT DATA:

TYPE OF SEDIMENT:

- ORGANIC
- SAND
- GRAVEL
- CLAY
- OTHER Silt

EQUIPMENT FOR COLLECTIO DECON FLUIDS USED

- HAND CORER
- S.S. SPOON
- ALUMINIUM PAN
- S.S. SPATULA
- DI WATER
- LIQUINOX
- OTHER

GPS Coordinates:

X - Coordinate See file
Y - Coordinate

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/ VOLUME	REQUIRED	SAMPLE COLLECTED
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons		<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz		<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz		<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz		<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclars	8270D SIM/680/8082	4 DEG C	1X 8 oz		<input checked="" type="checkbox"/>

Collected 1-2 ft depth sample for hold for analysis.

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

SIGNATURE: Rick Wajack
RECEIVED BY:

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT: Stratford Army Engine Plant JOB NUMBER: 3616136044.02.XXXX DATE: 7/25/14
 LOCATION ID: SDI4TF DL6 ACTIVITY TIME: START 0910 END 0930 BOTTLE TIME: 0920
 SAMPLE ID: SDI4TF DL600FS

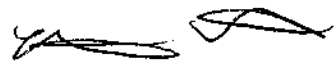
SURFACE WATER DATA		SEDIMENT DATA: TYPE OF SEDIMENT:		EQUIPMENT FOR COLLECTION OF CONCENTRATED FLUIDS USED	
WATER DEPTH AT LOCATION: <input type="text"/> FT		<input checked="" type="checkbox"/> ORGANIC <i>black</i>	<input checked="" type="checkbox"/> SAND <i>Silt w/ shells</i>	<input checked="" type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:		<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> S.S. SPOON	<input type="checkbox"/> LIQUINOX
TEMPERATURE: <u>6.96</u> C		<input type="checkbox"/> OTHER		<input type="checkbox"/> ALUMINIUM PAN	OTHER _____
SPEC. COND.: <u>41.30</u> mS/cm				<input type="checkbox"/> S.S. SPATULA	
PH: <u>7.95</u>		GPS Coordinates:			
ORP: <u>95.5</u> mV		X - Coordinate	<input type="text"/>		
DO: <u>7.64</u> mg/L		Y - Coordinate	<input type="text"/>		
SALINITY: <u>26.16</u> ppt					
TURBIDITY: <input type="text"/> NM <input type="text"/> NTUs					

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/	SAMPLE
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

• 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USACE ERDC
• 1 32oz jar, particle size, 0-0.5' bgs, to YAL
• 2 8oz amber, ABS, 1-2' bgs, hold and freeze, to YAL

Notes:
 YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:
 YSI 556 - *collected 1-2' sample for hold and freeze SDI4TF DL601 FSR 0920*

SIGNATURE: 
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 4/25/14

LOCATION ID: SD14TFD7

ACTIVITY TIME START 0750 END 0810

BOTTLE TIME 0800

SAMPLE ID: SD14TFD700FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE 6.9 c

SPEC. COND. 41.06 mS/cm

PH 7.86

ORP 5.1 mV

DO 7.63 mg/L

SALINITY 25.94 ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

- ORGANIC *black silty*
- SAND
- GRAVEL
- CLAY
- OTHER

EQUIPMENT FOR COLLECTIO DECON FLUIDS USED

- HAND CORER
- S.S. SPOON
- ALUMINIUM PAN
- S.S. SPATULA
- DI WATER
- LIQUINOX
- OTHER

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

- 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USACE ERDC
- 1 32oz jar, particle size, 0-0.5' bgs, to YAL
- 2 8oz amber, Aroclors, 1-2' bgs, hold and freeze, to YAL

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

*collected 1-2' sample for hold and freeze
SD14TFD700FS @ 0800*

SIGNATURE: *[Signature]*

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3816136044.02.XXXX DATE 7/16/14
 LOCATION S014TF-EFO ACTIVITY TIME START 0925 END 0940 BOTTLE TIME 0930
 SAMPLE ID: S014TFEFO00F5

SURFACE WATER DATA		SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION OF FLUIDS USED	
WATER DEPTH AT LOCATION	<u>—</u> FT	<u>Reedus collector at High tide</u>	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:			<input checked="" type="checkbox"/> SAND / silt	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE	<u>9.70</u> C	<input type="checkbox"/> GRAVEL	<input type="checkbox"/> ALUMINIUM PAN	OTHER _____	
SPEC. COND.	<u>1.558</u> mS/cm	<input type="checkbox"/> CLAY	<input type="checkbox"/> S.S. SPATULA	OTHER _____	
PH	<u>8.15</u>	<input type="checkbox"/> OTHER _____	<input type="checkbox"/> OTHER _____	GPS Coordinates:	
ORP	<u>855</u> mV	X - Coordinate <u>—</u>			
DO	<u>9.43</u> mg/L	Y - Coordinate <u>—</u>			
SALINITY	<u>0.80</u> ppt				
TURBIDITY	<u>NM</u> NTUs				

ANALYTICAL PARAMETERS				BOTTLE TYPE/	
LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

- 1 2-gallon pail collected for shipment to USACE ERDC, 0-0.5' bgs
- 1 32oz jar, particle size, 0-0.5' bgs, to YAL
- 2 8oz AGS 1-2' bgs to YAL (Hold)

Notes:
 YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:
 YSI 556 - 322 collect 1-2' Foot Sample for Hold
 S014TFEFO01 0940

SIGNATURE: [Signature]
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 4/23/14

LOCATION ID: SDMTFEI

ACTIVITY TIME START 0830 END 0855

BOTTLE TIME 0850

SAMPLE ID: SDMTFEI00FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE 8.05 °C

SPEC. COND. 4025 mS/cm

PH 7.84

ORP 101.4 mV

DO 7.37 mg/L

SALINITY 25.54 ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

CLAY

OTHER

EQUIPMENT FOR COLLECTION OF FLUIDS USED

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER

DI WATER

LIQUINOX

OTHER

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

• 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USACE ERDC
 • 1 32oz jar, particle size, 0-0.5' bgs, to YAL
 • 2 8oz amber, AGs, 1-2' bgs, hold and freeze, to YAL

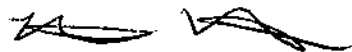
Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

collected 1-2' sample for hold and freeze
 SDMTFEI01FS @ 0850

SIGNATURE: 
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 5/1/14

LOCATION ID: SD14TFE3

ACTIVITY TIME START 11:00 END 11:20

BOTTLE TIME 11:15

SAMPLE ID: SD14TFE300FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION 3 FT

WATER QUALITY PARAMETERS:

TEMPERATURE 10.29 C

SPEC. COND. 0.427 mS/cm

PH 7.67

ORP 181.3 mV

DO 10.39 mg/L

SALINITY 0.21 ppt

TURBIDITY NM NTUs

SEDIMENT DATA:

TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

CLAY

OTHER Silt

EQUIPMENT FOR COLLECTION OF FLUIDS USED

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER _____

DI WATER

LIQUINOX

OTHER _____

GPS Coordinates:

X - Coordinate See file

Y - Coordinate _____

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/	SAMPLE
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ /Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/600/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Collected 1-2 ft depth sample for hold for analysis.

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

SIGNATURE: Rick Wojcik

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 5/1/14

LOCATION ID: SD14TFE4

ACTIVITY TIME START 10:15 END 10:35

BOTTLE TIME 10:20

SAMPLE ID: SD14TFE400F5

SURFACE WATER DATA

WATER DEPTH AT LOCATION 2 FT

WATER QUALITY PARAMETERS:

TEMPERATURE 10.26 C

SPEC. COND. 0.713 mS/cm

PH 7.67

ORP 188.3 mV

DO 10.21 mg/L

SALINITY 0.35 ppt

TURBIDITY NM NTUs

SEDIMENT DATA:

TYPE OF SEDIMENT:

- ORGANIC
- SAND
- GRAVEL
- CLAY
- OTHER Silt

EQUIPMENT FOR COLLECTION OF DECON FLUIDS USED

- HAND CORER
- S.S. SPOON
- ALUMINIUM PAN
- S.S. SPATULA
- DI WATER
- LIQUINOX
- OTHER _____
- OTHER _____

GPS Coordinates:

X - Coordinate See file

Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ /Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Collected 1-2 ft depth sample for hold for analysis.

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

SIGNATURE: Rick Wofjak

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 5/11/14
 LOCATION ID: SD14TFE5 ACTIVITY TIME START 9:45 END 10:10 BOTTLE TIME 10:05
 SAMPLE ID: SD14TFE500F8

SURFACE WATER DATA **SEDIMENT DATA: TYPE OF SEDIMENT:** **EQUIPMENT FOR COLLECTION OF DECON FLUIDS USED**

WATER DEPTH AT LOCATION 2 FT ORGANIC HAND CORER DI WATER
 SAND S.S. SPOON LIQUINOX
 GRAVEL ALUMINIUM PAN OTHER _____
 CLAY S.S. SPATULA
 OTHER Silt OTHER _____

WATER QUALITY PARAMETERS:

TEMPERATURE 10.25 C
 SPEC. COND. 0.673 mS/cm
 PH 7.7
 ORP 192.6 mV
 DO 10.18 mg/L
 SALINITY 0.33 ppt
 TURBIDITY _____ NM _____ NTUs

GPS Coordinates:
 X - Coordinate See file
 Y - Coordinate -

ANALYTICAL PARAMETERS				BOTTLE TYPE/	SAMPLE
LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	VOLUME REQUIRED	COLLECTED
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Collected 1-2 ft depth sample for hold for analysis

Notes:
 YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:
 YSI 556 -

SIGNATURE: Reick Wajack
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 5/11/14
 LOCATION ID: S02014-TF-EG ACTIVITY TIME START 1145 END 1215- BOTTLE TIME 1200
 SAMPLE ID: S014TFEG

SURFACE WATER DATA	SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION/DECON FLUIDS USED
WATER DEPTH AT LOCATION: <u> </u> FT	<input checked="" type="checkbox"/> ORGANIC	<input checked="" type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input type="checkbox"/> SAND	<input checked="" type="checkbox"/> S.S. SPOON	<input type="checkbox"/> LIQUINOX
TEMPERATURE: <u> </u> C	<input type="checkbox"/> GRAVEL	<input type="checkbox"/> ALUMINIUM PAN	OTHER: <u> </u>
SPEC. COND.: <u> </u> mS/cm	<input type="checkbox"/> CLAY	<input type="checkbox"/> S.S. SPATULA	
PH: <u> </u>	<input checked="" type="checkbox"/> OTHER <u>Silt</u>	<input type="checkbox"/> OTHER: <u> </u>	
ORP: <u> </u> mV	GPS Coordinates:		
DO: <u> </u> mg/L	X - Coordinate: <u> </u>	Y - Coordinate: <u> </u>	
SALINITY: <u> </u> ppt			
TURBIDITY: <u> </u> NM <u> </u> NTUs			

No Reachness were collected

ANALYTICAL PARAMETERS				BOTTLE TYPE/	SAMPLE
LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	VOLUME REQUIRED	COLLECTED
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Notes:
 YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:
 YSI 556 -

SIGNATURE: *Robert H. Jones*
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 4/21/14
 LOCATION ID: SD14TF-F1 ACTIVITY TIME START 1515 END 1550 BOTTLE TIME 1545
 SAMPLE ID: SD14TF100FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT
 WATER QUALITY PARAMETERS:
 TEMPERATURE 11.32 c
 SPEC. COND. 18.84 mS/cm
 PH 8.11
 ORP 179.6 mV
 DO 7.93 mg/L
 SALINITY 11.12 ppt
 TURBIDITY NM NTUs

SEDIMENT DATA:

TYPE OF SEDIMENT:

ORGANIC black silt
 SAND
 GRAVEL
 CLAY
 OTHER _____

EQUIPMENT FOR COLLECTION OF DECONTAMINATED FLUIDS USED

HAND CORER DI WATER
 S.S. SPOON LIQUINOX
 ALUMINIUM PAN OTHER _____
 S.S. SPATULA OTHER _____

GPS Coordinates:

X - Coordinate
 Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

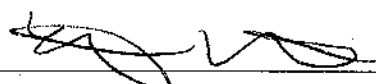
• 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USACE ERDC
 • 1 32 oz jar, particle size, 0-0.5' bgs, to YAL
 • 2 8 oz jar (amber), AGs, 1-2', to YAL (Hold and freeze)

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment: 332
 YSI 556 -

Collected 1-2' sample for hold and freeze
 SD14TF101FS

SIGNATURE: 
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT: Stratford Army Engine Plant JOB NUMBER: 3616136044.02.XXXX DATE: 4/28/14
 LOCATION ID: SD14TF2 ACTIVITY TIME: START 1450 END 1510 BOTTLE TIME: 1500
 SAMPLE ID: SD14TF200FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION: FT
 WATER QUALITY PARAMETERS:
 TEMPERATURE: 10.18 C
 SPEC. COND.: 46.05 mS/cm
 PH: 7.96
 ORP: 78.6 mV
 DO: 7.69 mg/L
 SALINITY: 25.48 ppt
 TURBIDITY: NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC HAND CORER DI WATER
 SAND S.S. SPOON LIQUINOX
 GRAVEL ALUMINIUM PAN OTHER:
 CLAY S.S. SPATULA
 OTHER: OTHER:

GPS Coordinates:

X - Coordinate:
 Y - Coordinate:

ANALYTICAL PARAMETERS

Sediment		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	METHOD	REQUIRED	
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons <input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz <input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz <input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/8012	4 DEG C	1X 8 oz <input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz <input checked="" type="checkbox"/>

Notes:
 • 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USACE ERDC
 • 1 32oz jar, particle size, 0-0.5' bgs, to YAL
 • 2 8oz amber, 1-2' bgs, hold and freeze, to YAL

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

collected 1-2' sample for hold and freeze SD14TF200FS @ 1500

SIGNATURE: [Signature]
 RECEIVED BY:

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 4/29/14
 LOCATION ID: SD14TFE3 ACTIVITY TIME START 0850 END 0910 BOTTLE TIME 0900
 SAMPLE ID: SD14TFE300FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT
 WATER QUALITY PARAMETERS:
 TEMPERATURE 10.98 C
 SPEC. COND. 5.571 MS/cm
 PH 7.76
 ORP -16.3 mV
 DO 7.29 mg/L
 SALINITY 3.03 ppt
 TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC
 SAND
 GRAVEL
 CLAY
 OTHER _____

EQUIPMENT FOR COLLECTION OF FLUIDS USED

HAND CORER
 S.S. SPOON
 ALUMINIUM PAN
 S.S. SPATULA
 DI WATER
 LIQUINOX
 OTHER _____

GPS Coordinates:

X - Coordinate
 Y - Coordinate

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/ VOLUME REQUIRED	SAMPLE COLLECTED
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/6808082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

- 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USACE ERDC
- 1 32-oz jar, particle size, 0-0.5' bgs, to YAL
- 2 8oz amber, hold and freeze, 1-2' bgs, to YAL

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

Collected 1-2' sample for hold and freeze
 SD14TFE301FS @ 0900

SIGNATURE: 
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 8/1/14
 LOCATION ID: SD14TFP04 ACTIVITY TIME START 910 END 930 BOTTLE TIME 919
 SAMPLE ID: SD14TFP0400FS

SURFACE WATER DATA	SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION:	DECONTAMINATION FLUIDS USED:
WATER DEPTH AT LOCATION: <u>1</u> FT	<input checked="" type="checkbox"/> ORGANIC	<input checked="" type="checkbox"/> SAND	<input checked="" type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input type="checkbox"/> SAND	<input type="checkbox"/> GRAVEL	<input checked="" type="checkbox"/> S.S. SPOON	<input type="checkbox"/> LIQUINOX
TEMPERATURE: <u>10.2</u> C	<input type="checkbox"/> CLAY	<input type="checkbox"/> ALUMINIUM PAN	<input type="checkbox"/> S.S. SPATULA	OTHER <u> </u>
SPEC. COND.: <u>0.784</u> mS/cm	<input checked="" type="checkbox"/> OTHER <u>Silt</u>	<input type="checkbox"/> OTHER <u> </u>		
PH: <u>7.68</u>	GPS Coordinates:			
ORP: <u>174.5</u> mV	X - Coordinate: <u> </u>			
DO: <u>10.22</u> mg/L	Y - Coordinate: <u> </u>			
SALINITY: <u>0.39</u> ppt				
TURBIDITY: <u> </u> NM <u> </u> NTUs				

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/	SAMPLE	
LAR	Sediment ANALYSIS	ANALYSIS ID	METHOD	VOLUME REQUIRED	COLLECTED	COLLECTED
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-03	4 DEG C	1X 32 oz	<input type="checkbox"/>	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Collected 1-2 Sample for Water for analysis

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

SIGNATURE: *[Signature]*
 RECEIVED BY:

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 5/11/14
 LOCATION ID: SD14TF05 ACTIVITY TIME START 8:45 END 9:10 BOTTLE TIME 852
 SAMPLE ID: SD14TF05 PS - SD14TFRS00FS

SURFACE WATER DATA SEDIMENT DATA: TYPE OF SEDIMENT: EQUIPMENT FOR COLLECTION DECONTAMINANTS USED

WATER DEPTH AT LOCATION 1 FT
 WATER QUALITY PARAMETERS:
 TEMPERATURE C } *not collected*
 SPEC. COND. mS/cm }
 PH }
 ORP mV }
 DO mg/L }
 SALINITY ppt }
 TURBIDITY NM NTUs }

ORGANIC HAND CORER DI WATER
 SAND S.S. SPOON LIQUINOX
 GRAVEL ALUMINIUM PAN OTHER
 CLAY S.S. SPATULA
 OTHER Silt OTHER

GPS Coordinates:
 X - Coordinate
 Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	METHOD	REQUIRED	
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons <input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz <input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz <input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz <input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz <input checked="" type="checkbox"/>

Collected 1-2' Sample for Hold for analysis

Notes:
 YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:
 YSI 556 -

SIGNATURE: *Paul H. [Signature]*
 RECEIVED BY:

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 5/1/14

LOCATION ID: SD2014-TP-FH

ACTIVITY TIME START 1415 END 1445

BOTTLE TIME 1430

SAMPLE ID: SD14TPF600 FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

SEDIMENT DATA:

TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

CLAY

OTHER Silt

EQUIPMENT FOR COLLECTION/DECON FLUIDS USED

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER

DI WATER

LIQUINOX

OTHER

GPS Coordinates:

X - Coordinate

Y - Coordinate

no readings were collected

ANALYTICAL PARAMETERS

Sediment		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE	
LAB	ANALYSIS	METHOD	REQUIRED	COLLECTED	
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

*Collected a 1-d' sample for total mercury ss.
SD14TPF600 FS*

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

SIGNATURE: *[Signature]*

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 4/16/14
 LOCATION SDMTF-GH1 ACTIVITY TIME START 8:00 END 9:00 BOTTLE TIME 8:40
 SAMPLE ID: SD14MTFGW101

SURFACE WATER DATA **SEDIMENT DATA:** **TYPE OF SEDIMENT:** **EQUIPMENT FOR COLLECTION OF FLUIDS USED**

WATER DEPTH AT LOCATION FT ORGANIC HAND CORER DI WATER
 WATER QUALITY PARAMETERS: SAND 5.1% S.S. SPOON LIQUINOX
 TEMPERATURE 7.13 °C GRAVEL ALUMINIUM PAN OTHER _____
 SPEC. COND. 19.30 mS/cm CLAY S.S. SPATULA
 PH 3.02 OTHER _____ OTHER _____
 ORP 41.4 mV **GPS Coordinates:**
 DO 7.10 mg/L X - Coordinate
 SALINITY 11.36 ppt Y - Coordinate
 TURBIDITY NM NTU

ANALYTICAL PARAMETERS				BOTTLE TYPE/	
Sediment	PRESERVATION	VOLUME	SAMPLE		
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

• 1- 2-gallon pail collected for shipment to USACE ERDC, 0-0.5' bgs
 • 1 32oz jar, particle size, 0-0.5' bgs, to YAL
 • 2 8oz jars, AGS, 1-2', to YAL (hold)

Notes:
 YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS), *4/18/2014*
 Equipment: YSI 556 - 322
 Collect 1-2' for sample for Hold/
SD14MTFGW101 - 8:50

SIGNATURE: [Signature]
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 4/21/14
 LOCATION ID: SD14-TF-G1 ACTIVITY TIME START 1500 END 1525 BOTTLE TIME 1520
 SAMPLE ID: SD14TFG100FS

SURFACE WATER DATA SEDIMENT DATA: TYPE OF SEDIMENT: 0-0.5' EQUIPMENT FOR COLLECTION OF CON FLUIDS USED

WATER DEPTH AT LOCATION FT
 WATER QUALITY PARAMETERS:
 TEMPERATURE 10.72 c
 SPEC. COND. 17.57 mS/cm
 PH 8.06
 ORP 212.4 mV
 DO 7.92 mg/L
 SALINITY 10.41 ppt
 TURBIDITY NM NTUs

ORGANIC black HAND CORER DI WATER
 SAND silt S.S. SPOON LIQUINOX
 GRAVEL 1-2 ALUMINIUM PAN OTHER
 CLAY gray sand S.S. SPATULA
 OTHER OTHER

GPS Coordinates:
 X - Coordinate
 Y - Coordinate

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/	SAMPLE
LAR	ANALYSIS	ANALYSIS ID	METHOD	VOLUME REQUIRED	COLLECTED
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Notes:
 • 1 - 2 gallon pail, toxicity, 0-0.5' bgs, shipped to USACE ERDC
 • 1 32oz jar, particle size, 0-0.5' bgs, to YAL
 • 2 8oz amber, AGs, 1-2' bgs, to YAL (hold and freeze)

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:
 YSI 556 -
 Collected 1-2' sample for Hold and Freeze
 SD14TFG101FS @1520

SIGNATURE: [Signature]
 RECEIVED BY:

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 4/21/14
 LOCATION ID: SD14-TF-62 ACTIVITY TIME START 1400 END 1430 BOTTLE TIME 1420
 SAMPLE ID: SD14TF6200FS

SURFACE WATER DATA **SEDIMENT DATA:** TYPE OF SEDIMENT: **EQUIPMENT FOR COLLECTION OF FLUIDS USED**

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE 11.51 °C

SPEC. COND. 5.069 mS/cm

PH 7.84

ORP 102.1 mV

DO 8.14 mg/L

SALINITY 2.77 ppt

TURBIDITY NM NTUs

ORGANIC black silt HAND CORER DI WATER
 SAND S.S. SPOON LIQUINOX
 GRAVEL pieces of metal wire ALUMINIUM PAN OTHER _____
 CLAY S.S. SPATULA
 OTHER _____ OTHER _____

GPS Coordinates:
 X - Coordinate
 Y - Coordinate

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/	SAMPLE
LAB	ANALYSIS	ANALYSIS ID	METHOD	VOLUME REQUIRED	COLLECTED
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-83	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 000	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/630/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

• 1 2-gallon pail, 0-0.5' bgs, toxicity, shipped to USACE ERDC
 • 1 32oz jar, particle size, 0-5' bgs, to YAL
 • 2 8oz amber, AGs, 1-2' bgs, to YAL

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment: surface sheen

YSI 556 - collected 1-2' sample for hold and freeze
SD14TF6200FS

SIGNATURE: [Signature]
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 4/21/14

LOCATION ID: SD14TF63

ACTIVITY TIME START 1315 END 1350

BOTTLE TIME 1340

SAMPLE ID: SD14TF6300FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE 12.24 °C

SPEC. COND. 6.305 mS/cm

PH 7.58

ORP 102.7 mV

DO 7.26 mg/L

SALINITY 3.45 ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC 0-0.5' black silt
 SAND
 GRAVEL 1-2' black silty sand
 CLAY
 OTHER

EQUIPMENT FOR COLLECTION OF FLUIDS USED

HAND CORER
 S.S. SPOON
 ALUMINUM PAN
 S.S. SPATULA
 DI WATER
 LIQUINOX
OTHER _____

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/ VOLUME REQUIRED	SAMPLE COLLECTED
ERDC <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/0012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

- 1 2-gallon pail, toxicity, 0-0.5', shipped to USACE ERDC
- 1 32oz jar, particle size, 0-0.5', to YAL
- 2 8oz amber, AClS, 1-2', hold and freeze to YAL

Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
ERDC - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment: 332

YSI 556 -

collected 1-2' sample for hold and freeze
SD14TF6301FS @ 1340

SIGNATURE: 

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 4/28/14
 LOCATION ID: SD14TF 64 ACTIVITY TIME START 1645 END 1610 BOTTLE TIME 1600
 SAMPLE ID: SD14TF 6400FS

<p>SURFACE WATER DATA</p> <p>WATER DEPTH AT LOCATION <input type="text"/> FT</p> <p>WATER QUALITY PARAMETERS:</p> <p>TEMPERATURE <u>11.33</u> c</p> <p>SPEC. COND. <u>35.20</u> mS/cm</p> <p>PH <u>7.97</u></p> <p>ORP <u>97.5</u> mV</p> <p>DO <u>24.91</u> mg/L</p> <p>SALINITY <u>22.16</u> ppt</p> <p>TURBIDITY <input type="text"/> NM <input type="text"/> NTUs</p>	<p>SEDIMENT DATA: TYPE OF SEDIMENT:</p> <p><input type="checkbox"/> ORGANIC</p> <p><input type="checkbox"/> SAND</p> <p><input type="checkbox"/> GRAVEL</p> <p><input type="checkbox"/> CLAY</p> <p><input type="checkbox"/> OTHER _____</p>	<p>EQUIPMENT FOR COLLECTION OF FLUIDS USED</p> <p><input type="checkbox"/> HAND CORER</p> <p><input type="checkbox"/> S.S. SPOON</p> <p><input type="checkbox"/> ALUMINIUM PAN</p> <p><input type="checkbox"/> S.S. SPATULA</p> <p><input type="checkbox"/> OTHER _____</p>	<p>GPS Coordinates:</p> <p>X - Coordinate <input type="text"/></p> <p>Y - Coordinate <input type="text"/></p>
--	---	--	--

ANALYTICAL PARAMETERS			PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D122-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Notes:
 • 1 8oz amber, TOC + asbestos, 0-0.5' bgs, to YAL
 • 1 8oz amber, Metals + Cyanide, 0-0.5' bgs, to YAL
 • 1 8oz amber, SVOCs + PCBs, 0-0.5' bgs, to YAL
 • 2 8oz amber, 1-2' bgs, hold and freeze, to YAL

Notes:
 YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:
 YSI 556 -
 collected 1-2' sample for hold and freeze SD14TF6401FS @ 1600

SIGNATURE: [Signature]
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616130044.02.XXXX DATE 5/11/14
 LOCATION ID: S02014-TF-G51 ACTIVITY TIME START 1115 END 0140 BOTTLE TIME 1130
 SAMPLE ID: S02014TFG501 FS

<p>SURFACE WATER DATA</p> <p>WATER DEPTH AT LOCATION <u> </u> FT</p> <p>WATER QUALITY PARAMETERS:</p> <p>TEMPERATURE <u>11.3</u> C</p> <p>SPEC. COND. <u>0.318</u> mS/cm</p> <p>PH <u>7.74</u></p> <p>ORP <u>79.6</u> mV</p> <p>DO <u>10.56</u> mg/L</p> <p>SALINITY <u>0.16</u> ppt</p> <p>TURBIDITY <u> </u> NM <u> </u> NTUs</p>	<p>SEDIMENT DATA: TYPE OF SEDIMENT:</p> <p><input checked="" type="checkbox"/> ORGANIC</p> <p><input type="checkbox"/> SAND</p> <p><input type="checkbox"/> GRAVEL</p> <p><input type="checkbox"/> CLAY</p> <p><input checked="" type="checkbox"/> OTHER <u>Silt</u></p>	<p>EQUIPMENT FOR COLLECTION/DECON FLUIDS USED</p> <p><input checked="" type="checkbox"/> HAND CORER</p> <p><input checked="" type="checkbox"/> S.S. SPOON</p> <p><input type="checkbox"/> ALUMINIUM PAN</p> <p><input type="checkbox"/> S.S. SPATULA</p> <p><input type="checkbox"/> DI WATER</p> <p><input type="checkbox"/> LIQUINOX</p> <p>OTHER <u> </u></p>
---	---	--

GPS Coordinates:

X - Coordinate

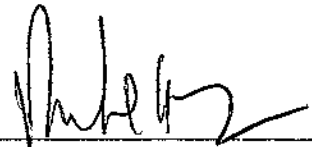
Y - Coordinate

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/	
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/8012	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input type="checkbox"/>

Collected 1-2' Sample for hold for analysis.
 S02014TFG501 FS

Notes:
 YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:
 YSI 556 -

SIGNATURE: 
 RECEIVED BY:

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 4/16/14
 LOCATION ID: TF-14J1 ACTIVITY TIME START 905 END 910 BOTTLE TIME 900
 SAMPLE ID: SD14TF14J100FS

SURFACE WATER DATA
 WATER DEPTH AT LOCATION — FT
 WATER QUALITY PARAMETERS:
 TEMPERATURE 9.28 °C
 SPEC. COND. 1.547 mS/cm
 PH 8.32
 ORP 65.6 mV
 DO 9.21 mg/L
 SALINITY 0.85 ppt
 TURBIDITY NM NTUS

SEDIMENT DATA:
 TYPE OF SEDIMENT:
 ORGANIC
 SAND/SILT
 GRAVEL
 CLAY
 OTHER _____

EQUIPMENT FOR COLLECTION OF CON FLUIDS USED:
 HAND CORER
 S.S. SPOON
 ALUMINIUM PAN
 S.S. SPATULA
 DI WATER
 LIQUINOX
 OTHER _____

GPS Coordinates:
 X - Coordinate _____
 Y - Coordinate _____

Really collected after tide came in

ANALYTICAL PARAMETERS			PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/880/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

• 1 2-gallon pail collected for shipment to USACE ERDC, 0-0.5' bgs
 • 1 32oz jar, particle size, 0-0.5' bgs, to YAL
 • 2 8oz jars, AGS to YAL. (hold)

Notes:
 YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:
 YSI 556 - 332
 Collected sample at 1-2' per hold
 SD14TF14J101FS 0905

SIGNATURE _____
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 4/17/14

LOCATION ID: SD14TFJ2 ~~01F5~~ ACTIVITY TIME START 1415 END 1440

BOTTLE TIME 1430

SAMPLE ID: SD14TFJ200FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE 9.40 °C

SPEC. COND. 21.93 mS/cm

PH 8.00

ORP 163.7 mV

DO 4.03 mg/L

SALINITY 13.31 ppt

TURBIDITY NM NTUs

SEDIMENT DATA:

TYPE OF SEDIMENT:

- ORGANIC
- SAND *Black silty*
- GRAVEL
- CLAY
- OTHER _____

EQUIPMENT FOR COLLECTION/DECON FLUIDS USED

- HAND CORER
- S.S. SPOON
- ALUMINIUM PAN
- S.S. SPATULA
- OTHER _____
- DI WATER
- LIQUINOX
- OTHER _____

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/	
				VOLUME REQUIRED	SAMPLE COLLECTED
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kohn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 3 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/600/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

- 1 2-gallon pail collected for shipment to USACE ERDC, 0.0-0.5' bgs
- 1 32oz jar, particle size, 0.0-0.5' bgs to YAL
- 2 8oz AGs 1-2' bgs to YAL (Hold)

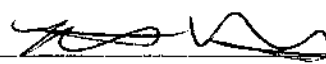
Notes:

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment: 322

YSI 556 -

Collect sample at 1-2' for Hold
 SD14TFJ201FS

SIGNATURE: 

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 4/17/14
 LOCATION ID: SDIMTFJ3 ACTIVITY TIME START 1540 END 1510 BOTTLE TIME 1505
 SAMPLE ID: SDIMTFJ300FS

<p>SURFACE WATER DATA</p> <p>WATER DEPTH AT LOCATION <input type="text"/> FT</p> <p>WATER QUALITY PARAMETERS:</p> <p>TEMPERATURE <u>9.67</u> c</p> <p>SPEC. COND. <u>17.02</u> mS/cm</p> <p>PH <u>7.99</u></p> <p>ORP <u>159.3</u> mV</p> <p>DO <u>8.04</u> mg/L</p> <p>SALINITY <u>10.04</u> ppt</p> <p>TURBIDITY <input type="text"/> NM <input type="text"/> NTUs</p>	<p>SEDIMENT DATA: TYPE OF SEDIMENT:</p> <p><input checked="" type="checkbox"/> ORGANIC <i>black</i></p> <p><input checked="" type="checkbox"/> SAND <i>silty</i></p> <p><input type="checkbox"/> GRAVEL</p> <p><input type="checkbox"/> CLAY</p> <p><input type="checkbox"/> OTHER _____</p>	<p>EQUIPMENT FOR COLLECTION DECON FLUIDS USED</p> <p><input checked="" type="checkbox"/> HAND CORER</p> <p><input checked="" type="checkbox"/> S.S. SPOON</p> <p><input type="checkbox"/> ALUMINIUM PAN</p> <p><input type="checkbox"/> S.S. SPATULA</p> <p><input type="checkbox"/> OTHER _____</p> <p><input checked="" type="checkbox"/> DI WATER</p> <p><input checked="" type="checkbox"/> LIQUINOX</p> <p>OTHER _____</p>
---	---	--

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/	SAMPLE
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	VOLUME REQUIRED	COLLECTED
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/0012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

• 1 2-gallon pail collected for shipment to USACE ERDC, 0-0.5' bgs
 • 1 32oz jar, particle size, 0-0.5' bgs, to YAL
 • 2 8oz jars, AGS, to YAL (hold)

Notes:
 YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment: 322
 YSI 556 -
 Collect sample 1-2' for Hold
 SDIMTFJ301FS 1505

SIGNATURE: [Signature]
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.XXXX DATE 5/11/14
 LOCATION ID: SD14TFJ4 ACTIVITY TIME START 14:55 END 15:10 BOTTLE TIME 15:05
 SAMPLE ID: SD14TFJ400FS

SURFACE WATER DATA
 WATER DEPTH AT LOCATION 6 FT
 WATER QUALITY PARAMETERS:
 TEMPERATURE 16.12 C
 SPEC. COND. 0.796 µS/cm
 PH 7.67
 ORP 182.3 mV
 DO 10.42 mg/L
 SALINITY 0.39 ppt
 TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:
 ORGANIC
 SAND
 GRAVEL
 CLAY
 OTHER SiH

EQUIPMENT FOR COLLECTION DECON FLUIDS USED
 HAND CORER
 S.S. SPOON
 ALUMINIUM PAN
 S.S. SPATULA
 DI WATER
 LIQUINOX
 OTHER _____

GPS Coordinates:
 X - Coordinate See file
 Y - Coordinate _____

ANALYTICAL PARAMETERS			PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
ERD <input type="checkbox"/>	Toxicity	EPA/600/R-01/020	4 DEG C	1 X 2 Gallons	<input type="checkbox"/>
YAL <input type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Collected 1-2 ft depth sample for hold for analysis

Notes:
 YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:
 YSI 556 -

SIGNATURE: Rick Wakol
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.XXXX

DATE 4/7/14

LOCATION ID: SD14TFJ5

ACTIVITY TIME START 1520 END 1550

BOTTLE TIME 1545

SAMPLE ID: SD14TFJ500FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE 10.12 c

SPEC. COND. 8.845 mS/cm

PH 7.95

ORP 159.8 mV

DO 8.1 mg/L

SALINITY 4.87 ppt

TURBIDITY NM NTUs

SEDIMENT DATA:

TYPE OF SEDIMENT:

- ORGANIC black silt
- SAND
- GRAVEL
- CLAY
- OTHER _____

EQUIPMENT FOR COLLECTION/DECON FLUIDS USED

- HAND CORER
- S.S. SPOON
- ALUMINIUM PAN
- S.S. SPATULA
- OTHER _____

GPS Coordinates:

X - Coordinate

Y - Coordinate

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
ERD <input checked="" type="checkbox"/>	Toxicity	EPA/800/R-01/020	4 DEG C	1 X 2 Gallons	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Particle size	ASTM D422-63	4 DEG C	1X 32 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	TOC/ Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	Metals/ Mercury/Cyanide	6020/7471/9012	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>
YAL <input checked="" type="checkbox"/>	SVOCs/PCB Homologs/PCB Aroclors	8270D SIM/680/8082	4 DEG C	1X 8 oz	<input checked="" type="checkbox"/>

Notes:
 • 1 2-gallon pail, toxicity, 0-0.5' bgs, shipped to USACE ERDC
 • 1 32oz jar, particle size, 0-0.5' bgs, to York
 • 2 8oz jars, AGs, 1-2' bgs, to York (Hold)

YAL = YORK Analytical Laboratory (Stratford, CT)
 ERD - US Army Corps of Engineers ERDC Laboratory (Vicksburg, MS)

Equipment:

YSI 556 -

collected 1-2' bgs sample for Hold
 SD14TFJ501FS 1545

SIGNATURE: _____

RECEIVED BY: _____

A-2
2015 SEDIMENT SAMPLE FIELD DATA RECORDS

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616138044.02.****

DATE 4/7/15

LOCATION ID: SD 2014-0F8-19

ACTIVITY TIME START _____ END _____

BOTTLE TIME 0738

SAMPLE ID: SD140F1903FSH

SURFACE WATER DATA

WATER DEPTH AT LOCATION _____ FT

WATER QUALITY PARAMETERS:

TEMPERATURE _____ C

SPEC. COND. _____ mS/cm

PH _____

ORP _____ mV

DO _____ mg/L

SALINITY _____ ppt

TURBIDITY _____ NM _____ NTUs

SEDIMENT DATA:

TYPE OF SEDIMENT:

ORGANIC *peat*

SAND

GRAVEL

CLAY

OTHER *silt*

EQUIPMENT FOR COLLECTION

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER _____

DECON FLUIDS USED

DI WATER

LIQUINOX

OTHER *Tapester*

GPS Coordinates:

X - Coordinate 899098.07

Y - Coordinate 621490.56

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/ VOLUME REQUIRED	SAMPLE COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = Envirosystems Laboratory (Portsmouth, NH)

Equipment:

4' Penetration 3' recovery

Black silty sand w/ some gravel and peat

sample 3-4' only SD140F1903FSH

SIGNATURE: David O. Lovejoy

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.****

DATE 4/7/15

LOCATION ID: SD2014-0F8-18

ACTIVITY TIME START END 0755

BOTTLE TIME 0755

SAMPLE ID: SP140F802FS

SD140F803FSH

SURFACE WATER DATA SEDIMENT DATA: TYPE OF SEDIMENT: EQUIPMENT FOR COLLECTION DECON FLUIDS USED

WATER DEPTH AT LOCATION 2-3 FT

ORGANIC

HAND CORER

DI WATER

SAND

S.S. SPOON

LIQUINOX

WATER QUALITY PARAMETERS:

GRAVEL

ALUMINIUM PAN

OTHER Tapwater

TEMPERATURE C

CLAY

S.S. SPATULA

SPEC. COND. mS/cm

OTHER silt

OTHER

PH

GPS Coordinates:

X - Coordinate 899041.13

ORP mV

Y - Coordinate 621472.69

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

ANALYTICAL PARAMETERS

Sediment		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED	
LAB	ANALYSIS	METHOD	REQUIRED		
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

Equipment:

Penetration 4.0' Recovery 3.8'

2-3' Gray sand w/ gravel

SD140F1802FS

3-3.5 " " " " and shells

3.5-3.8 Gray/brown silt

SD140F1803FSH

SIGNATURE: Daniel O. Lovejoy

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02****

DATE 4/7/15

LOCATION ID: SD 2014-0FB-17

ACTIVITY TIME START END 0806

BOTTLE TIME 0806

SAMPLE ID: SD140F1702 FS

SD140F1703 FSH

SURFACE WATER DATA SEDIMENT DATA: TYPE OF SEDIMENT: EQUIPMENT FOR COLLECTION DECON FLUIDS USED

WATER DEPTH AT LOCATION 1.9' FT

ORGANIC peat

BRAND CORER

DI WATER

SAND

S.S. SPOON

LIQUINOX

WATER QUALITY PARAMETERS:

GRAVEL

ALUMINIUM PAN

OTHER Tapwater

TEMPERATURE C

CLAY

S.S. SPATULA

SPEC. COND. mS/cm

OTHER silt

OTHER

PH

GPS Coordinates:

X - Coordinate 898933.64

ORP mV

Y - Coordinate 621457.58

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

Equipment:

Penetration 3.5"
Recovery 20"
Black silt w/ some peat

SD140F1702 FS

SD140F1703 FSH

SIGNATURE: Daniel O. Lovejoy

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.**** DATE 4/7/15
 LOCATION ID: SD2014-0F8-16 ACTIVITY TIME START END 0836 BOTTLE TIME 0836
 SAMPLE ID: SD140F1602FS SD140F1603FSH

SURFACE WATER DATA	SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION	DECON FLUIDS USED
WATER DEPTH AT LOCATION <u>2.0</u> FT	<input type="checkbox"/> ORGANIC peat	<input checked="" type="checkbox"/> SAND	<input checked="" type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input type="checkbox"/> SAND	<input checked="" type="checkbox"/> GRAVEL	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE <u> </u> C	<input type="checkbox"/> GRAVEL	<input checked="" type="checkbox"/> CLAY	<input checked="" type="checkbox"/> ALUMINIUM PAN	OTHER <u>Tapwater</u>
SPEC. COND. <u> </u> mS/cm	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> OTHER silt	<input type="checkbox"/> S.S. SPATULA	
PH <u> </u>	<input type="checkbox"/> OTHER <u> </u>		<input type="checkbox"/> OTHER <u> </u>	
ORP <u> </u> mV	GPS Coordinates:	X - Coordinate <u>898736.38</u>		
DO <u> </u> mg/L	Y - Coordinate <u>621304.00</u>			
SALINITY <u> </u> ppt				
TURBIDITY <u> </u> NM NTUs				

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/	
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:
 EVS = EnviroSystems Laboratory (Portsmouth, NH)

Equipment:
 4.5' Penetration 4.5' Recovery
 0-4.5' Black silt w/some peat SD140F1602FS
SD140F1603FSH

SIGNATURE: Daniel O. Lovejoy
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3816136044.02.****

DATE 4/7/15

LOCATION ID: SD2014-0F8-15

ACTIVITY TIME START 0826 END 0926

BOTTLE TIME 0826

SAMPLE ID: SD140F1502FS

SD140F1503FSH

SURFACE WATER DATA

WATER DEPTH AT LOCATION 2.0 FT

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC peat

SAND

GRAVEL

CLAY

OTHER silt

EQUIPMENT FOR COLLECTION

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER

DECON FLUIDS USED

DI WATER

LIQUINOX

OTHER Tapwater

GPS Coordinates:

X - Coordinate 898799.93

Y - Coordinate 621385.16

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/	SAMPLE COLLECTED
				VOLUME REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = Envirosystems Laboratory (Portsmouth, NH)

Equipment:

Penetration 3.5' Recovery = 2.9'

0-0.5' gray/brown silt

0.5'-1.5' gray gravelly sand

SD140F1502FS

1.5'-2.9' gray/brown silt/peat

SD140F1503FSH

SIGNATURE: Daniel O. Lovejoy

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02****

DATE 4/7/15

LOCATION ID: SD2014-0F8-14

ACTIVITY TIME START 0841 END 0841

BOTTLE TIME 0841

SAMPLE ID: SD140F8402FS

SD140F1403FSH

SURFACE WATER DATA

WATER DEPTH AT LOCATION 2.2 FT

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC peat

SAND

GRAVEL

CLAY

OTHER silt

EQUIPMENT FOR COLLECTION

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER

DECON FLUIDS USED

DI WATER

LIQUINOX

OTHER Tapwater

GPS Coordinates:

X - Coordinate 898878.83

Y - Coordinate 621446.59

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/ VOLUME REQUIRED	SAMPLE COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

Equipment:

Penetration 4' Recovery 4'

0-1.5' Light gray silt

1.5-3.0 Black silt SD140F1402FS

3-4.0 Gray brown silt/peat SD140F1403FSH

SIGNATURE: David O. Lovejoy

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.**** DATE 4/7/15
 LOCATION ID: SD 2014-0FB-13 ACTIVITY TIME START _____ END 0850 BOTTLE TIME 0850
 SAMPLE ID: SD140F1402FS SD140F1403FSH

SURFACE WATER DATA	SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION	DECON FLUIDS USED
WATER DEPTH AT LOCATION <u>2.7</u> FT	<input checked="" type="checkbox"/> ORGANIC (<u>peat</u>)	<input checked="" type="checkbox"/> SAND	<input checked="" type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input type="checkbox"/> SAND	<input checked="" type="checkbox"/> GRAVEL	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE _____ C	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> ALUMINIUM PAN	<input type="checkbox"/> S.S. SPATULA	OTHER <u>Tapwater</u>
SPEC. COND. _____ mS/cm	<input checked="" type="checkbox"/> OTHER <u>silt</u>	<input type="checkbox"/> OTHER _____		
PH _____	GPS Coordinates:			
ORP _____ mV	X - Coordinate <u>898852.48</u>			
DO _____ mg/L	Y - Coordinate <u>621521.13</u>			
SALINITY _____ ppt				
TURBIDITY _____ NM NTUs				

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:
 EVS = EnviroSystems Laboratory (Portsmouth, NH)

Equipment:
 4' Penetration ; 4' Recovery
 Black silt w/peat SD140F1402FS
SD140F1403FSH

SIGNATURE: Daniel O. Lovejoy
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.****

DATE 4/7/15

LOCATION ID: SD2014-0FB-12

ACTIVITY TIME START END 0900

BOTTLE TIME 0900

SAMPLE ID: SD140F1202FS

SD140F1203FSH

SURFACE WATER DATA

WATER DEPTH AT LOCATION 1.0' FT

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

- ORGANIC (peat)
- SAND
- GRAVEL
- CLAY
- OTHER silt

EQUIPMENT FOR COLLECTION

- HAND CORER
- S.S. SPOON
- ALUMINIUM PAN
- S.S. SPATULA
- OTHER

DECON FLUIDS USED

- DI WATER
- LIQUINOX
- OTHER Tapwater

GPS Coordinates:

X - Coordinate 898753.79

Y - Coordinate 621641.12

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION		BOTTLE TYPE/	SAMPLE COLLECTED
			METHOD	VOLUME	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz		<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz		<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

Equipment:

4' Penetration 3.6' Recovery

0-2.6' Black silt w/ some peat SD140F1202FS

2.6-3.6' Black silt much peat SD140F1203FSH

SIGNATURE: Daniel O. Lovejoy

RECEIVED BY:

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.****

DATE 4/7/15

LOCATION ID: SD2014-0F-11

ACTIVITY TIME START 0920 END 0920

BOTTLE TIME 0920

SAMPLE ID: SD140F1102FS

SD140F1103FSH

SURFACE WATER DATA

WATER DEPTH AT LOCATION 1.9' FT

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC peat

SAND

GRAVEL

CLAY

OTHER silt

EQUIPMENT FOR COLLECTION

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER

DI WATER

LIQUINOX

OTHER Tapwater

GPS Coordinates:

X - Coordinate 898700.39

Y - Coordinate 621723.93

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/ VOLUME REQUIRED	SAMPLE COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

Equipment:

4' Penetration, 3.5' Recovery

0-1" Black silt

1-2.5" Black silt w/ peat SD140F1102FS

2.5-3.5" Brown sand w/ peat and gravel SD140F1103FSH

SIGNATURE: David O. Lovejoy

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.**** DATE 4/7/15
 LOCATION ID: SD2014-0F-10 ACTIVITY TIME START END 0936 BOTTLE TIME 0936
 SAMPLE ID: SD140F1002FS SD140F1003FSH

SURFACE WATER DATA	SEDIMENT DATA: TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION	DECON FLUIDS USED
WATER DEPTH AT LOCATION <u>2.0</u> FT	<input checked="" type="checkbox"/> ORGANIC (peat)	<input checked="" type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input checked="" type="checkbox"/> SAND	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE <u> </u> C	<input type="checkbox"/> GRAVEL	<input checked="" type="checkbox"/> ALUMINIUM PAN	OTHER <u>Tapwater</u>
SPEC. COND. <u> </u> mS/cm	<input type="checkbox"/> CLAY	<input type="checkbox"/> S.S. SPATULA	
PH <u> </u>	<input checked="" type="checkbox"/> OTHER <u>silt</u>	<input type="checkbox"/> OTHER <u> </u>	
ORP <u> </u> mV	GPS Coordinates:	X - Coordinate <u>898658.45</u>	
DO <u> </u> mg/L	Y - Coordinate <u>621780.39</u>		
SALINITY <u> </u> ppt			
TURBIDITY <u> </u> NM NTUs			

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/	SAMPLE
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	VOLUME REQUIRED	COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

Equipment:

4' Penetration 3.9' Recovery
 0-3.3' Black silt w/peat SD140F1002FS
 3.3-3.9' Brown sand w/traces peat SD140F1003FSH

SIGNATURE: Daniel O. Lovejoy
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.****

DATE 4/7/15

LOCATION ID: SD2014-0F-09

ACTIVITY TIME START END 0946

BOTTLE TIME 0946

SAMPLE ID: SD140F0902FS SD140F0903FSH

SURFACE WATER DATA

WATER DEPTH AT LOCATION 1.9' FT

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC (peat)

SAND

GRAVEL

CLAY

OTHER silt

EQUIPMENT FOR COLLECTION

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER

DI WATER

LIQUINOX

OTHER Tapwater

GPS Coordinates:

X - Coordinate 898625.98

Y - Coordinate 621852.17

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/	SAMPLE
				VOLUME REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

Equipment:

Penetration = 4' Recovery = 3'

0-2' Black silt w/peat SD140F0902FS

2-3' Brown/gray silt, some peat SD140F0903FSH

SIGNATURE: Daniel O. Lovejoy

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.****

DATE 4/7/15

LOCATION ID: SD2014-0F-08

ACTIVITY TIME START _____ END 1006

BOTTLE TIME 1006

SAMPLE ID: SD140F0802 FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION 1.8' FT

WATER QUALITY PARAMETERS:

TEMPERATURE _____ C

SPEC. COND. _____ mS/cm

PH _____

ORP _____ mV

DO _____ mg/L

SALINITY _____ ppt

TURBIDITY _____ NM _____ NTUs

SEDIMENT DATA:

TYPE OF SEDIMENT:

ORGANIC (*peat*)

SAND

GRAVEL

CLAY

OTHER _____

EQUIPMENT FOR COLLECTION

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER _____

DECON FLUIDS USED

DI WATER

LIQUINOX

OTHER Tapwater

GPS Coordinates:

X - Coordinate 898563.85

Y - Coordinate 621929.33

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/ VOLUME REQUIRED	SAMPLE COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 800	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = Envirosystems Laboratory (Portsmouth, NH)

Equipment:

*2.5' Penetration 1.4' recovery
Gray/brown silty sand w/some gravel and peat*

SD140F0802 FS

SIGNATURE: Daniel O. Lovejoy

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3816136044.02.**** DATE 4/7/15
 LOCATION ID: SD2014-0F-07 ACTIVITY TIME START 1017 END 1017 BOTTLE TIME 1017
 SAMPLE ID: SD140F0702FS SD140F0703FSH

SURFACE WATER DATA	SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION	DECON FLUIDS USED
WATER DEPTH AT LOCATION <u>1.6'</u> FT	<input type="checkbox"/> ORGANIC	<input checked="" type="checkbox"/> SAND	<input checked="" type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input checked="" type="checkbox"/> GRAVEL	<input checked="" type="checkbox"/> ALUMINIUM PAN	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE <u> </u> C	<input type="checkbox"/> CLAY	<input type="checkbox"/> S.S. SPATULA	OTHER <u>Tapwater</u>	
SPEC. COND. <u> </u> mS/cm	<input checked="" type="checkbox"/> OTHER <u>silt</u>	<input type="checkbox"/> OTHER <u> </u>		
PH <u> </u>	GPS Coordinates:			
ORP <u> </u> mV	X - Coordinate <u>898441.60</u>			
DO <u> </u> mg/L	Y - Coordinate <u>692010.99</u>			
SALINITY <u> </u> ppt				
TURBIDITY <u> </u> NM NTUs				

ANALYTICAL PARAMETERS			PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:
 EVS = Envirosystems Laboratory (Portsmouth, NH)

Equipment:
 Penetration = 4' Recovery = 3.5'
 0-3' Black silt SD140F0702FS
 3-3.5' Brown sand w/ gravel SD140F0703FSH

SIGNATURE: Daniel O. Lovejoy
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.****

DATE 4/7/15

LOCATION ID: SD2014-0F-06

ACTIVITY TIME START _____ END 1033

BOTTLE TIME 1055

SAMPLE ID: SD140F0602FS

SD140F0603FSH

SURFACE WATER DATA

WATER DEPTH AT LOCATION 1.1 FT

WATER QUALITY PARAMETERS:

TEMPERATURE _____ C

SPEC. COND. _____ mS/cm

PH _____

ORP _____ mV

DO _____ mg/L

SALINITY _____ ppt

TURBIDITY _____ NM _____ NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC peat

SAND

GRAVEL

CLAY

OTHER silt

EQUIPMENT FOR COLLECTION

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER _____

DECON FLUIDS USED

DI WATER

LIQUINOX

OTHER Tapwater

GPS Coordinates:

X - Coordinate 898387.35

Y - Coordinate 622077.82

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/ VOLUME REQUIRED	SAMPLE COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

Equipment:

3.5' Penetration 2.0' Recovery
 0-1 Brown sandy gravel SD140F0602FS
 1-2 Brown silt w/peat SD140F0603FSH

SIGNATURE: Daniel O. Lovejoy

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.****

DATE 4/7/15

LOCATION ID: SD2014-0P-05

ACTIVITY TIME START _____ END 1039

BOTTLE TIME 1039

SAMPLE ID: SD140F0502FS

SD140F0503FSH

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC (peat)

SAND

GRAVEL

CLAY

OTHER silt

EQUIPMENT FOR COLLECTION

BRAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER _____

DECON FLUIDS USED

DI WATER

LIQUINOX

OTHER Tapwater

GPS Coordinates:

X - Coordinate 898321.55

Y - Coordinate 622121.64

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/	SAMPLE
				VOLUME REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

Equipment:

Penetration = 3.5' Recovery = 2.9'

0-1' Black silt w/peat

1-1.5 gray sand SD140F0502FS

1.5-2.9 gray/brown silt SD140F0503FSH

SIGNATURE: Daniel O. Lovejoy

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.**** DATE 4/7/15
 LOCATION ID: SD2014-0F-04 ACTIVITY TIME START 1240 END 1240 BOTTLE TIME 1240
 SAMPLE ID: SD140F0403FSH

SURFACE WATER DATA	SEDIMENT DATA: TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION	DECON FLUIDS USED
WATER DEPTH AT LOCATION <u>2.0</u> FT	<input checked="" type="checkbox"/> ORGANIC (<u>peat</u>)	<input checked="" type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input type="checkbox"/> SAND	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE <u> </u> C	<input type="checkbox"/> GRAVEL	<input checked="" type="checkbox"/> ALUMINIUM PAN	OTHER <u>Tapwater</u>
SPEC. COND. <u> </u> mS/cm	<input type="checkbox"/> CLAY	<input type="checkbox"/> S.S. SPATULA	
PH <u> </u>	<input checked="" type="checkbox"/> OTHER <u>silt</u>	<input type="checkbox"/> OTHER <u> </u>	
ORP <u> </u> mV	GPS Coordinates:	X - Coordinate <u>890240.39</u>	
DO <u> </u> mg/L	Y - Coordinate <u>622185.18</u>		
SALINITY <u> </u> ppt			
TURBIDITY <u> </u> NM NTUs			

ANALYTICAL PARAMETERS		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	REQUIRED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz <input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz <input checked="" type="checkbox"/>

Notes:
 EVS = Envirosystems Laboratory (Portsmouth, NH)
 Penetration = 4.0 Recovery = 4.0
Equipment:
 0-2' Black silt w/ much peat
 2-2.5' Gray brown silt but mostly peat SD140F0403FSH

SIGNATURE: Daniel O. Lovejoy
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.****

DATE 4/7/15

LOCATION ID: SD2014-0F-03

ACTIVITY TIME START 1240 END 1240

BOTTLE TIME 1240

SAMPLE ID: SD140F0302 FS

SD140F0303 FSH

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC (peat)

SAND

GRAVEL

CLAY

OTHER silt

EQUIPMENT FOR COLLECTION

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER

DECON FLUIDS USED

DI WATER

LIQUINOX

OTHER Tapwater

GPS Coordinates:

X - Coordinate 898194.31

Y - Coordinate 622244.36

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahr/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

Equipment:

4' Penetration and Recovery

0-4' Brown silt w/ much peat

SD140F0302 FS

SD140F0303 FSH

SIGNATURE: Daniel O. Lovejoy

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.****

DATE 4/7/15

LOCATION ID: SD2014-0F-02

ACTIVITY TIME START END

BOTTLE TIME

SAMPLE ID:

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC leaves

SAND

GRAVEL

CLAY

OTHER silt

EQUIPMENT FOR COLLECTION

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER

DECON FLUIDS USED

DI WATER

LIQUINOX

OTHER Tapwater

GPS Coordinates:

X - Coordinate 898167.96

Y - Coordinate 622318.90

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

Equipment:

2' Penetration

1' Recovery

Very wet silt w/ mostly organics (leaves)

No sample collected

SIGNATURE: David O. Lovejoy

RECEIVED BY:

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.****

DATE 4/7/15

LOCATION ID: SD2014-0F-01

ACTIVITY TIME START END 1100

BOTTLE TIME 1100

SAMPLE ID: SD140F0102FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC (*peat*)

SAND

GRAVEL

CLAY

OTHER *silt*

EQUIPMENT FOR COLLECTION

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER _____

DECON FLUIDS USED

DI WATER

LIQUINOX

OTHER *Tapwater*

GPS Coordinates:

X - Coordinate 898108.78

Y - Coordinate 622272.82

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/	SAMPLE
				VOLUME REQUIRED	COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = Envirosystems Laboratory (Portsmouth, NH)

Equipment:

4' Penetration 2' recovery

0 - 1.7' Black silt w/ some peat
1.7 - 2.0' gray gravel

SD140F0102FS

SIGNATURE: *Daniel O. Lovejoy*

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02**** DATE 4/6/15
 LOCATION ID: SD2014-TF-A1 ACTIVITY TIME START 1205 END 1205 BOTTLE TIME 1205
 SAMPLE ID: SD14TFA103FS SD14TFA105FS SD14TFA107FS

<p>SURFACE WATER DATA</p> <p>WATER DEPTH AT LOCATION: <u>2.0'</u> FT</p> <p>WATER QUALITY PARAMETERS:</p> <p>TEMPERATURE: <u> </u> C</p> <p>SPEC. COND.: <u> </u> mS/cm</p> <p>PH: <u> </u></p> <p>ORP: <u> </u> mV</p> <p>DO: <u> </u> mg/L</p> <p>SALINITY: <u> </u> ppt</p> <p>TURBIDITY: <u> </u> NM <u> </u> NTUs</p>	<p>SEDIMENT DATA: TYPE OF SEDIMENT:</p> <p><input checked="" type="checkbox"/> ORGANIC <u>peat</u></p> <p><input type="checkbox"/> SAND</p> <p><input type="checkbox"/> GRAVEL</p> <p><input type="checkbox"/> CLAY</p> <p><input checked="" type="checkbox"/> OTHER <u>silt</u></p>	<p>EQUIPMENT FOR COLLECTION</p> <p><input type="checkbox"/> HAND CORER</p> <p><input checked="" type="checkbox"/> S.S. SPOON</p> <p><input checked="" type="checkbox"/> ALUMINIUM PAN</p> <p><input type="checkbox"/> S.S. SPATULA</p> <p><input checked="" type="checkbox"/> OTHER <u>Vibracore</u></p>	<p>DECON FLUIDS USED</p> <p><input type="checkbox"/> DI WATER</p> <p><input checked="" type="checkbox"/> LIQUINOX</p> <p>OTHER <u>Tapwater</u></p>
---	---	---	---

GPS Coordinates:

X - Coordinate: ~~88~~ 896539.24

Y - Coordinate: 624149.39

ANALYTICAL PARAMETERS		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	Sediment ANALYSIS	ANALYSIS ID	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz <input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz <input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

8' Penetration ; 7' recovery

0-2' Black silt w/ peat

2-7' Black brown silt

3.5-4 SD14TFA103FS

5.5-6 SD14TFA105FS

6.5-7 SD14TFA107FS

SIGNATURE: David O. Lovejoy

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.****

DATE 4/6/15

LOCATION ID: SD 2014-TF-ZAS6 ACTIVITY TIME START 1226 END 1226

BOTTLE TIME 1226

SAMPLE ID: SD14TFZA5603 FSH

SURFACE WATER DATA	SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION	DECON FLUIDS USED
WATER DEPTH AT LOCATION <u>3.8'</u> FT	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> SAND	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE <u> </u> C	<input checked="" type="checkbox"/> OTHER <u>silt</u>		<input checked="" type="checkbox"/> ALUMINIUM PAN	OTHER <u>Tap water</u>
SPEC. COND. <u> </u> mS/cm			<input type="checkbox"/> S.S. SPATULA	
PH <u> </u>			<input checked="" type="checkbox"/> OTHER <u>Vibracore</u>	
ORP <u> </u> mV	GPS Coordinates:			
DO <u> </u> mg/L	X - Coordinate <u>896843.50</u>			
SALINITY <u> </u> ppt	Y - Coordinate <u>625035.71</u>			
TURBIDITY <u> </u> NM NTUs				

ANALYTICAL PARAMETERS				BOTTLE TYPE/	SAMPLE
LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	VOLUME REQUIRED	COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = Envirosystems Laboratory (Portsmouth, NH)

3.7' Penetration; 2.6' recovery

Dark gray/brown silt

No 2-3' sample

2-2.6' as 3-4' SD14TFZA5603 FSH

SIGNATURE: David D. Longoy

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.****

DATE 4/6/15

LOCATION ID: SD 2014-TF-A6

ACTIVITY TIME START _____ END 1234

BOTTLE TIME 1234

SAMPLE ID: SD14TFAL02FS

SD14TFAL03FSH

SURFACE WATER DATA

WATER DEPTH AT LOCATION 3.8' FT

WATER QUALITY PARAMETERS:

TEMPERATURE _____ C

SPEC. COND. _____ mS/cm

PH _____

ORP _____ mV

DO _____ mg/L

SALINITY _____ ppt

TURBIDITY _____ NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

- ORGANIC (part)
- SAND
- GRAVEL
- CLAY
- OTHER silt

EQUIPMENT FOR COLLECTION

- HAND CORER
- S.S. SPOON
- ALUMINIUM PAN
- S.S. SPATULA
- OTHER Vibracore

DECON FLUIDS USED

- DI WATER
- LIQUINOX
- OTHER Tap Water

GPS Coordinates:

X - Coordinate 896977.41

Y - Coordinate 625081.17

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/ VOLUME REQUIRED	SAMPLE COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = Envirosystems Laboratory (Portsmouth, NH)

Penetration = 4' Recovery = 3.5'

Dark gray/brown silt Trace peat and shells 2-3'

SD14TFAL02FS

SD14TFAL03FSH

SIGNATURE: David O Longo

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.****

DATE 4/6/15

LOCATION ID: SD2015-TF-ZAG7

ACTIVITY TIME START _____ END 1247

BOTTLE TIME 1247

SAMPLE ID: SD15TFZAG702 FS

SD15TFZAG703 FSH

SURFACE WATER DATA

WATER DEPTH AT LOCATION 4.5' FT

WATER QUALITY PARAMETERS:

TEMPERATURE _____ C

SPEC. COND. _____ mS/cm

PH _____

ORP _____ mV

DO _____ mg/L

SALINITY _____ ppt

TURBIDITY _____ NM _____ NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC (peat)

SAND

GRAVEL

CLAY

OTHER silt

EQUIPMENT FOR COLLECTION

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER Vibracore

DECON FLUIDS USED

DI WATER

LIQUINOX

OTHER Tap water

GPS Coordinates:

X - Coordinate 898931.95

Y - Coordinate 625215.09

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

4.0' penetration ; 3.9' recovery

0-1.8 Black silt w/ peat

1.8-3.9 Gray/brown silt, trace peat

SD15TFZAG702 FS

SD15TFZAG703 FSH

SIGNATURE: David O. Lovejoy

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.****

DATE 4/6/15

LOCATION ID: SD 2014-TF-A7

ACTIVITY TIME START _____ END _____

BOTTLE TIME 12:51

SAMPLE ID: SD14TFA702FS SD14TFA703FSH

<p>SURFACE WATER DATA</p> <p>WATER DEPTH AT LOCATION <u>4.0'</u> FT</p> <p>WATER QUALITY PARAMETERS:</p> <p>TEMPERATURE _____ C</p> <p>SPEC. COND. _____ mS/cm</p> <p>PH _____</p> <p>ORP _____ mV</p> <p>DO _____ mg/L</p> <p>SALINITY _____ ppt</p> <p>TURBIDITY _____ NM _____ NTUs</p>	<p>SEDIMENT DATA: TYPE OF SEDIMENT:</p> <p><input checked="" type="checkbox"/> ORGANIC (<u>peat</u>)</p> <p><input type="checkbox"/> SAND</p> <p><input type="checkbox"/> GRAVEL</p> <p><input type="checkbox"/> CLAY</p> <p><input checked="" type="checkbox"/> OTHER <u>silt</u></p>	<p>EQUIPMENT FOR COLLECTION</p> <p><input type="checkbox"/> HAND CORER</p> <p><input checked="" type="checkbox"/> S.S. SPOON</p> <p><input checked="" type="checkbox"/> ALUMINIUM PAN</p> <p><input type="checkbox"/> S.S. SPATULA</p> <p><input checked="" type="checkbox"/> OTHER <u>Vibracore</u></p>	<p>DECON FLUIDS USED</p> <p><input type="checkbox"/> DI WATER</p> <p><input checked="" type="checkbox"/> LIQUINOX</p> <p>OTHER <u>Tapwater</u></p>
<p>GPS Coordinates:</p> <p>X - Coordinate <u>897073.89</u></p> <p>Y - Coordinate <u>625245.45</u></p>			

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

0 - 1.9 Black silt w/ peat

1.9 - 3.9 Gray brown silt w/ peat

SD14TFA702FS

SD14TFA703FSH

SIGNATURE: _____

David D. Lovejoy

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.****

DATE 4/6/15

LOCATION ID: SD2014-TF-B7

ACTIVITY TIME START _____ END 1303

BOTTLE TIME 1303

SAMPLE ID: SD14TFB703 FSH

SURFACE WATER DATA

WATER DEPTH AT LOCATION 4.3' FT

WATER QUALITY PARAMETERS:

TEMPERATURE _____ C

SPEC. COND. _____ mS/cm

PH _____

ORP _____ mV

DO _____ mg/L

SALINITY _____ ppt

TURBIDITY _____ NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

- ORGANIC peat
- SAND
- GRAVEL
- CLAY
- OTHER silt

EQUIPMENT FOR COLLECTION

- HAND CORER
- S.S. SPOON
- ALUMINIUM PAN
- S.S. SPATULA
- OTHER Vibracore

DECON FLUIDS USED

- DI WATER
- LIQUINOX
- OTHER Tapwater

GPS Coordinates:

X - Coordinate 897263.83

Y - Coordinate 625181.97

ANALYTICAL PARAMETERS

Sediment		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
EVS	<input type="checkbox"/> Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS	<input checked="" type="checkbox"/> Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

0-2' Black silt

2-2.8 Dark gray sand w/peat SD14TFB703 FSH

SIGNATURE: _____

David P. Lovejoy

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Statford Army Engine Plant JOB NUMBER 3616136044.02.**** DATE 4/9/15
 LOCATION ID: SD2014-TF-E1 ACTIVITY TIME START _____ END 1230 BOTTLE TIME 1230
 SAMPLE ID: SD14TFE103FS

<p>SURFACE WATER DATA</p> <p>WATER DEPTH AT LOCATION <u>3.3</u> FT</p> <p>WATER QUALITY PARAMETERS:</p> <p>TEMPERATURE _____ C</p> <p>SPEC. COND. _____ mS/cm</p> <p>PH _____</p> <p>ORP _____ mV</p> <p>DO _____ mg/L</p> <p>SALINITY _____ ppt</p> <p>TURBIDITY _____ NM NTUs</p>	<p>SEDIMENT DATA: TYPE OF SEDIMENT:</p> <p><input type="checkbox"/> ORGANIC</p> <p><input type="checkbox"/> SAND</p> <p><input type="checkbox"/> GRAVEL</p> <p><input type="checkbox"/> CLAY</p> <p><input type="checkbox"/> OTHER _____</p>	<p>EQUIPMENT FOR COLLECTION</p> <p><input type="checkbox"/> HAND CORER</p> <p><input checked="" type="checkbox"/> S.S. SPOON</p> <p><input checked="" type="checkbox"/> ALUMINIUM PAN</p> <p><input type="checkbox"/> S.S. SPATULA</p> <p><input checked="" type="checkbox"/> OTHER <u>Vibracore</u></p>	<p>DECON FLUIDS USED</p> <p><input type="checkbox"/> DI WATER</p> <p><input checked="" type="checkbox"/> LIQUINOX</p> <p>OTHER <u>Tapwater</u></p>
--	---	--	--

GPS Coordinates:
 X - Coordinate 897252.66
 Y - Coordinate 623830.48

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:
 EVS = EnviroSystems Laboratory (Portsmouth, NH)
 Penetration = 4' recovery = 3.5'
 Gray brown silt w/peat
 SD14TFE103FS

SIGNATURE: David D. Lovejoy
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.****

DATE 4/6/15

LOCATION ID: SD 2014-TF-B1

ACTIVITY TIME START _____ END _____

BOTTLE TIME 1125

SAMPLE ID: SD14TFB103FS SD14TFB105FS SD14TFB107FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION 2.2' FT

WATER QUALITY PARAMETERS:

TEMPERATURE _____ C

SPEC. COND. _____ mS/cm

PH _____

ORP _____ mV

DO _____ mg/L

SALINITY _____ ppt

TURBIDITY _____ NM _____ NTUs

SEDIMENT DATA:

TYPE OF SEDIMENT:

- ORGANIC (peat)
- SAND
- GRAVEL
- CLAY
- OTHER Silt

EQUIPMENT FOR COLLECTION

- HAND CORER
- S.S. SPOON
- ALUMINIUM PAN
- S.S. SPATULA
- OTHER Vibracore

DECON FLUIDS USED

- DI WATER
- LIQUINOX
- OTHER Tapwater

GPS Coordinates:

X - Coordinate 896714.53

Y - Coordinate 624095.83

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/	SAMPLE
				VOLUME REQUIRED	COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

5' Penetration; 6' recovery
0-2' Black silt w/some peat
2-3' Black/brown silty sand
3-6' Black brown silt

3.5-4 SD14TFB103FS

4.5-5 SD14TFB105FS

5.5-6 SD14TFB107FS

SIGNATURE: _____

Daniel Conway

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.**** DATE 4/3/15
 LOCATION ID: SD 2015-TF-EF1 ACTIVITY TIME START 1035 END 1035 BOTTLE TIME 1035
 SAMPLE ID: SD15 TFEF103FS SD15 TFEF105FS

SURFACE WATER DATA	SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION	DECON FLUIDS USED
WATER DEPTH AT LOCATION <u>3.2'</u> FT	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> SAND	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE <u> </u> C	<input type="checkbox"/> OTHER _____	<input type="checkbox"/> ALUMINIUM PAN	<input type="checkbox"/> ALUMINIUM PAN	OTHER <u>Tapwater</u>
SPEC. COND. <u> </u> mS/cm		<input type="checkbox"/> S.S. SPATULA		
PH <u> </u>		<input type="checkbox"/> OTHER _____		
ORP <u> </u> mV	GPS Coordinates:			
DO <u> </u> mg/L	X - Coordinate <u>897342.96</u>			
SALINITY <u> </u> ppt	Y - Coordinate <u>623674.45</u>			
TURBIDITY <u> </u> NM NTUs				

ANALYTICAL PARAMETERS		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED	
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

6' Penetration 5.1' Recovery

SIGNATURE: *David O'Leary*

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.**** DATE 4/3/15
 LOCATION ID: SD 2014-TF-EFC ACTIVITY TIME START _____ END 1045 BOTTLE TIME 1045
 SAMPLE ID: SD14TFEF003FS SD14TFEF005FS SD14TFEF007FS

SURFACE WATER DATA	SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION	DECON FLUIDS USED
WATER DEPTH AT LOCATION <input type="text"/> FT	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> SAND	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE <input type="text"/> C	<input type="checkbox"/> OTHER <u>silt</u>	<input checked="" type="checkbox"/> ALUMINIUM PAN	<input type="checkbox"/> S.S. SPATULA	OTHER <u>Tape-water</u>
SPEC. COND. <input type="text"/> mS/cm		<input checked="" type="checkbox"/> OTHER <u>Vibracore</u>		
PH <input type="text"/>	GPS Coordinates:			
ORP <input type="text"/> mV	X - Coordinate <input type="text"/>	<u>897274.13</u>		
DO <input type="text"/> mg/L	Y - Coordinate <input type="text"/>	<u>623697.75</u>		
SALINITY <input type="text"/> ppt				
TURBIDITY <input type="text"/> NM <input type="text"/> NTUs				

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

7.5' Penetration 6.8' Recovery

All samples dark brown silt

SIGNATURE: David O Longoy

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.**** DATE 4/3/15
 LOCATION ID: SD2015-TF-E0 ACTIVITY TIME START _____ END 1116 BOTTLE TIME 1116
 SAMPLE ID: SD15TFE003FS SD15TFE005FS

SURFACE WATER DATA		SEDIMENT DATA: TYPE OF SEDIMENT:		EQUIPMENT FOR COLLECTION		DECON FLUIDS USED	
WATER DEPTH AT LOCATION	<u>3.6'</u> FT	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> SAND	<input type="checkbox"/> HAND CORER	<input checked="" type="checkbox"/> S.S. SPOON	<input type="checkbox"/> DI WATER	<input checked="" type="checkbox"/> LIQUINOX
WATER QUALITY PARAMETERS:		<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> ALUMINIUM PAN	<input type="checkbox"/> S.S. SPATULA	OTHER <u>Tapwater</u>	
TEMPERATURE	<u> </u> C	<input checked="" type="checkbox"/> OTHER <u>silt</u>	<input checked="" type="checkbox"/> OTHER <u>Vibracore</u>				
SPEC. COND.	<u> </u> mS/cm	GPS Coordinates:					
PH	<u> </u>	X - Coordinate	<u>897208.43</u>				
ORP	<u> </u> mV	Y - Coordinate	<u>623740.79</u>				
DO	<u> </u> mg/L						
SALINITY	<u> </u> ppt						
TURBIDITY	<u> </u> NM NTUs						

ANALYTICAL PARAMETERS			PRESERVATION		BOTTLE TYPE/ VOLUME	
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	SAMPLE COLLECTED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>	
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>	

Notes:
 EVS = EnviroSystems Laboratory (Portsmouth, NH)
0.0' Penetration 6.0' recovery
3-4' [SD15TFE003FS] Dark gray silt
5-6' [SD15TFE005FS] Dark gray silt
6-6.8'

SIGNATURE: Daniel Lougog
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3816136044.02.*** DATE 4/3/15
 LOCATION ID: SD2015-TF-DE01 ACTIVITY TIME START END 1128 BOTTLE TIME 1128
 SAMPLE ID: SD15TFDE0103FS SD15TFDE0105FS SD15TFDE0107FS

SURFACE WATER DATA		SEDIMENT DATA: TYPE OF SEDIMENT:		EQUIPMENT FOR COLLECTION		DECON FLUIDS USED	
WATER DEPTH AT LOCATION	<u>4.3'</u> FT	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> SAND	<input type="checkbox"/> HAND CORER	<input checked="" type="checkbox"/> S.S. SPOON	<input type="checkbox"/> DI WATER	<input checked="" type="checkbox"/> LIQUINOX
WATER QUALITY PARAMETERS:		<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> ALUMINIUM PAN	<input type="checkbox"/> S.S. SPATULA	OTHER <u>Tapwater</u>	
TEMPERATURE	<u> </u> C	<input checked="" type="checkbox"/> OTHER <u>silt</u>		<input checked="" type="checkbox"/> OTHER <u>Vibracore</u>			
SPEC. COND.	<u> </u> mS/cm	GPS Coordinates:					
PH	<u> </u>	X - Coordinate	<u>897140.86</u>				
ORP	<u> </u> mV	Y - Coordinate	<u>623829.86</u>				
DO	<u> </u> mg/L						
SALINITY	<u> </u> ppt						
TURBIDITY	<u> </u> NM NTUs						

ANALYTICAL PARAMETERS			PRESERVATION		BOTTLE TYPE/ VOLUME	
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	SAMPLE COLLECTED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>	
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>	

Notes:
 EVS = EnviroSystems Laboratory (Portsmouth, NH)
 7.5' Penetration 6.3' Recovery
 3-4' }
 5-6' } Dark brown/gray silt
 6-6.3' } pent + shell @ 5.1'
 SD15TFDE0103FS
 SD15TFDE0105FS
 SD15TFDE0107FS

SIGNATURE: Daniel O'Leary
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.**** DATE 4/3
 LOCATION ID: SD2014-TF-DE0 ACTIVITY TIME START _____ END _____ BOTTLE TIME 1140
 SAMPLE ID: SD14TFDE003FS SD14TFDE005FS

SURFACE WATER DATA	SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION	DECON FLUIDS USED
WATER DEPTH AT LOCATION <u>3.9</u> FT	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> SAND	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE _____ C	<input type="checkbox"/> OTHER <u>Slit</u>	<input type="checkbox"/> ALUMINIUM PAN	<input type="checkbox"/> S.S. SPATULA	OTHER <u>Tapwater</u>
SPEC. COND. _____ mS/cm	<input checked="" type="checkbox"/> OTHER <u>Slit</u>	<input checked="" type="checkbox"/> OTHER <u>Vibracore</u>		
PH _____	GPS Coordinates:	X - Coordinate <u>897113.15</u>		
ORP _____ mV	Y - Coordinate <u>623783.31</u>			
DO _____ mg/L				
SALINITY _____ ppt				
TURBIDITY _____ NM NTUs				

ANALYTICAL PARAMETERS		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	Sediment ANALYSIS	METHOD	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz <input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz <input checked="" type="checkbox"/>

Notes:
 EVS = EnviroSystems Laboratory (Portsmouth, NH)
 6' Penetration 4' recovery
 { SD14TFDE003FS
SD14TFDE005FS } Gray/brown silt
 SIGNATURE: David O Longo
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.***

DATE 4/3/15

LOCATION ID: SD2015-TF-DO

ACTIVITY TIME START END 1221

BOTTLE TIME 1221

SAMPLE ID: SD15TFD003FS SD15TFD005FS SD15TFD007FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION 3.9' FT

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

SEDIMENT DATA:

TYPE OF SEDIMENT:

- ORGANIC
- SAND
- GRAVEL
- CLAY
- OTHER

EQUIPMENT FOR COLLECTION

- HAND CORER
- S.S. SPOON
- ALUMINIUM PAN
- S.S. SPATULA
- OTHER Vibracore

DECON FLUIDS USED

- DI WATER
- LIQUINOX
- OTHER Tapwater

GPS Coordinates:

X - Coordinate 897073.90

Y - Coordinate 623807.13

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE
			METHOD	REQUIRED	COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

8' penetration 8' recovery

3-4' SD15TFD003FS peat 3.2-3.5 Gray/brown silt

5-6' SD15TFD005FS some peat @ 5.5 Gray/brown silt

7-8' SD15TFD007FS Gray/brown silt

SIGNATURE: David Olrogoy

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.**** DATE 4/3/15
 LOCATION ID: SD 2014-TF-C1 ACTIVITY TIME START 1249 END 1249 BOTTLE TIME 1249
 SAMPLE ID: SD14TFC102FS SD14TFC103FSH

SURFACE WATER DATA	SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION	DECON FLUIDS USED
WATER DEPTH AT LOCATION <u>3.5</u> FT	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> SAND	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE <u> </u> C	<input type="checkbox"/> OTHER <u>silt</u>	<input checked="" type="checkbox"/> ALUMINIUM PAN	<input type="checkbox"/> S.S. SPATULA	OTHER <u>Tape water</u>
SPEC. COND. <u> </u> mS/cm	<input checked="" type="checkbox"/> OTHER <u>Vibracore</u>	GPS Coordinates:		
PH <u> </u>	X - Coordinate <u>896896.51</u>	Y - Coordinate <u>624007.53</u>		
ORP <u> </u> mV				
DO <u> </u> mg/L				
SALINITY <u> </u> ppt				
TURBIDITY <u> </u> NM NTUs				

ANALYTICAL PARAMETERS		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED	
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)
 4' Penetration 3.9' recovery
 Gray brown silt SD14TFC102FS
 Some pent 1 1/2 - 2 1/2 SD14TFC103FSH

SIGNATURE: Dave O'Leary
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.*** DATE 4/3/15
 LOCATION ID: SD2015-TF-B12 ACTIVITY TIME START 1257 END 1257 BOTTLE TIME 1257
 SAMPLE ID: ~~SD2015-TF-B~~ SD15TFB1203FS SD15TFB1205FS SD15TFB1207FS

<p>SURFACE WATER DATA</p> <p>WATER DEPTH AT LOCATION <u>3.2'</u> FT</p> <p>WATER QUALITY PARAMETERS:</p> <p>TEMPERATURE <u> </u> C</p> <p>SPEC. COND. <u> </u> mS/cm</p> <p>PH <u> </u></p> <p>ORP <u> </u> mV</p> <p>DO <u> </u> mg/L</p> <p>SALINITY <u> </u> ppt</p> <p>TURBIDITY <u> </u> NM <u> </u> NTUs</p>	<p>SEDIMENT DATA: TYPE OF SEDIMENT:</p> <p><input type="checkbox"/> ORGANIC</p> <p><input type="checkbox"/> SAND</p> <p><input type="checkbox"/> GRAVEL</p> <p><input type="checkbox"/> CLAY</p> <p><input type="checkbox"/> OTHER _____</p>	<p>EQUIPMENT FOR COLLECTION</p> <p><input type="checkbox"/> HAND CORER</p> <p><input type="checkbox"/> S.S. SPOON</p> <p><input type="checkbox"/> ALUMINIUM PAN</p> <p><input type="checkbox"/> S.S. SPATULA</p> <p><input type="checkbox"/> OTHER _____</p>	<p>DECON FLUIDS USED</p> <p><input type="checkbox"/> DI WATER</p> <p><input checked="" type="checkbox"/> LIQUINOX</p> <p>OTHER <u>Tap water</u></p>
---	---	---	--

GPS Coordinates:

X - Coordinate 896758.75

Y - Coordinate 624185.52

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

Penetration = 7.1' Recovery 5.9'

SIGNATURE: David Longo

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.**** DATE 4/3/15
 LOCATION ID: SD2014-TF-C2 ACTIVITY TIME START 1310 END 1310 BOTTLE TIME 1310
 SAMPLE ID: SD14TFC202FS SD14TFC203FSH

SURFACE WATER DATA	SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION	DECON FLUIDS USED
WATER DEPTH AT LOCATION <u>3.5'</u> FT	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> SAND	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE <u> </u> C	<input type="checkbox"/> OTHER <u>silt</u>	<input type="checkbox"/> ALUMINIUM PAN	<input type="checkbox"/> S.S. SPATULA	OTHER <u>Tapwater</u>
SPEC. COND. <u> </u> mS/cm		<input checked="" type="checkbox"/> OTHER <u>Vibracore</u>		
PH <u> </u>	GPS Coordinates:			
ORP <u> </u> mV	X - Coordinate <u>896975.18</u>			
DO <u> </u> mg/L	Y - Coordinate <u>624178.07</u>			
SALINITY <u> </u> ppt				
TURBIDITY <u> </u> NM NTUs				

ANALYTICAL PARAMETERS		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	Sediment ANALYSIS	METHOD	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz <input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz <input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

4' Penetration 3.9' recovery

Gray/brown silt w/ peat and shells @ 3.5'

SD14TFC202FS

SD14TFC203FSH

SIGNATURE: *David Olney*
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Statford Army Engine Plant

JOB NUMBER 3616136044.02.****

DATE 4/3/15

LOCATION ID: SD 2014-TF-B2

ACTIVITY TIME START END 1257

BOTTLE TIME 1257

SAMPLE ID: SD14TFB202FS

SD14TFB203FSH

SURFACE WATER DATA	SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION	DECON FLUIDS USED
WATER DEPTH AT LOCATION <u>3.4</u> FT	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> SAND	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE <u> </u> C	<input type="checkbox"/> OTHER <u>silt</u>	<input type="checkbox"/> ALUMINIUM PAN	<input type="checkbox"/> S.S. SPATULA	OTHER <u>Tapwater</u>
SPEC. COND. <u> </u> mS/cm	<input checked="" type="checkbox"/> OTHER <u>Vibracore</u>	GPS Coordinates:		
PH <u> </u>	X - Coordinate <u>896802.72</u>	Y - Coordinate <u>624275.06</u>		
ORP <u> </u> mV				
DO <u> </u> mg/L				
SALINITY <u> </u> ppt				
TURBIDITY <u> </u> NM NTUs				

ANALYTICAL PARAMETERS		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	Sediment ANALYSIS	METHOD	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz <input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz <input checked="" type="checkbox"/>

Notes:

EVS = Envirosystems Laboratory (Portsmouth, NH)

4' Penetration 3.9' Recovery
Dark gray silt w/ some peat 2-2.5'

SD14TFB202FS

SD14TF3203FSH

SIGNATURE: [Signature]
RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Statford Army Engine Plant

JOB NUMBER 3616136044.02.****

DATE 4/3

LOCATION ID: SD 2014-TF-C4

ACTIVITY TIME START END 1327

BOTTLE TIME 1327

SAMPLE ID: SD 14TF402 FS

SD 14TF403 FS 4

SURFACE WATER DATA

WATER DEPTH AT LOCATION FT

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

SEDIMENT DATA:

TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

CLAY

OTHER silt

EQUIPMENT FOR COLLECTION

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER Vibracore

DECON FLUIDS USED

DI WATER

LIQUINOX

OTHER Tapwater

GPS Coordinates:

X - Coordinate 897158.77

Y - Coordinate 624552.94

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/ VOLUME	SAMPLE
				REQUIRED	COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

2-3' Dark gray silt some peat SD 14TF402 FS

3-4' Dark gray silt SD 14TF403 FS 4

SIGNATURE: David O Longo

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.**** DATE 4/3/15
 LOCATION ID: SD 2014-TF-A2 ACTIVITY TIME START 1312 END 1312 BOTTLE TIME 1312
 SAMPLE ID: SD14TFA202FS SD14TFA203FSH

SURFACE WATER DATA	SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION	DECON FLUIDS USED
WATER DEPTH AT LOCATION <u>2.9'</u> FT	<input checked="" type="checkbox"/> ORGANIC	<input type="checkbox"/> SAND	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE <u> </u> C	<input type="checkbox"/> OTHER <u>silt</u>	<input checked="" type="checkbox"/> ALUMINIUM PAN	<input type="checkbox"/> S.S. SPATULA	OTHER <u>Tapwater</u>
SPEC. COND. <u> </u> mS/cm		<input checked="" type="checkbox"/> OTHER <u>Vibracore</u>		
PH <u> </u>	GPS Coordinates:			
ORP <u> </u> mV	X - Coordinate <u>896614.91</u>			
DO <u> </u> mg/L	Y - Coordinate <u>624364.95</u>			
SALINITY <u> </u> ppt				
TURBIDITY <u> </u> NM NTUs				

ANALYTICAL PARAMETERS		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED	
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

Penetration = 4' recovery = 2.8'

2-3' Dark gray silt trace peat @ 2.5' SD14TFA202FS

3-4' Dark gray silt SD14TFA203FSH

SIGNATURE: David Longo
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.****

DATE 4/3/15

LOCATION ID: SD 2014-TF-C7

ACTIVITY TIME START END

BOTTLE TIME 1338

SAMPLE ID: SD14TFCT02FS

SD14TFCT03FSH

SURFACE WATER DATA

WATER DEPTH AT LOCATION 2.1 FT

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

CLAY

OTHER silt

EQUIPMENT FOR COLLECTION

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER Vibracore

DECON FLUIDS USED

DI WATER

LIQUINOX

OTHER Tape water

GPS Coordinates:

X - Coordinate 897418.52

Y - Coordinate 625089.60

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/ VOLUME	SAMPLE
				REQUIRED	COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

4' Penetration and recovery

0-2' Dark gray silt } SD14TFCT02FS
 2-2.5 silt/sand w/shells }
 2.5-4 Dark gray silt SD14TFCT03FSH

SIGNATURE: Daniel O'Looney
RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.**** DATE 4/3/15
 LOCATION ID: SD2014-TF-D7 ACTIVITY TIME START END 1340 BOTTLE TIME 1340
 SAMPLE ID: SD14TFD702FS SD14TFD703FSH

SURFACE WATER DATA	SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION	DECON FLUIDS USED
WATER DEPTH AT LOCATION <u>3.0</u> FT	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER	
WATER QUALITY PARAMETERS:	<input checked="" type="checkbox"/> SAND	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> DIQUINOX	
TEMPERATURE <u> </u> C	<input type="checkbox"/> GRAVEL	<input checked="" type="checkbox"/> ALUMINIUM PAN	OTHER <u>Tape water</u>	
SPEC. COND. <u> </u> mS/cm	<input type="checkbox"/> CLAY	<input type="checkbox"/> S.S. SPATULA		
PH <u> </u>	<input checked="" type="checkbox"/> OTHER <u>silt</u>	<input checked="" type="checkbox"/> OTHER <u>Vibracore</u>		
ORP <u> </u> mV	GPS Coordinates:	X - Coordinate <u>897585.71</u>		
DO <u> </u> mg/L	Y - Coordinate <u>624997.00</u>			
SALINITY <u> </u> ppt				
TURBIDITY <u> </u> NM NTUs				

ANALYTICAL PARAMETERS		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED	
LAB	Sediment ANALYSIS	ANALYSIS ID	REQUIRED		
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:
 EVS = Envirosystems Laboratory (Portsmouth, NH)
 4' Penetration 3.8' recovery
 2-3' Black silt SD14TFD702FS
 3-4' light gray sand w/ shell fragments SD14TFD703FSH

SIGNATURE: David D. Lovejoy
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Statford Army Engine Plant JOB NUMBER 3616136044.02.**** DATE 4/6/15
 LOCATION ID: SD 2015-TF-K6 ACTIVITY TIME START 0846 END 0846 BOTTLE TIME 0846
 SAMPLE ID: SD15TFK600FS SD15TFK601FS SD15TFK602FS SD15TFK603FSH

SURFACE WATER DATA	SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION	DECON FLUIDS USED
WATER DEPTH AT LOCATION <u>12.0</u> FT	<input checked="" type="checkbox"/> ORGANIC	<input type="checkbox"/> SAND	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE <u> </u> C	<input type="checkbox"/> OTHER <u>silt</u>	<input type="checkbox"/> ALUMINIUM PAN	<input type="checkbox"/> S.S. SPATULA	OTHER <u>Tape water</u>
SPEC. COND. <u> </u> mS/cm		<input type="checkbox"/> OTHER <u>Vibracore</u>		
PH <u> </u>	GPS Coordinates:			
ORP <u> </u> mV	X - Coordinate <u>898770.73</u>			
DO <u> </u> mg/L	Y - Coordinate <u>624196.65</u>			
SALINITY <u> </u> ppt				
TURBIDITY <u> </u> NM NTUs				

ANALYTICAL PARAMETERS		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	Sediment ANALYSIS	METHOD	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz <input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz <input checked="" type="checkbox"/>

Notes:

EVS = Envirosystems Laboratory (Portsmouth, NH)

3.5' Penetration 2.5' recovery
 0-0.5 Black silt w/ shells SD15TFK600FS
 0.5-1 Black silt w/ shells "pent" SD15TFK601FS
 1-2 Dark brown silt SD15TFK602FS
 2-2.5 Dark brown silt SD15TFK603FSH

SIGNATURE: David O'Leary
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.****

DATE 4/6

LOCATION ID: SD2015-TF-67

ACTIVITY TIME START _____ END _____

BOTTLE TIME 0907

SAMPLE ID: SD15TF6700FS SD15TF6701FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION 19.9 FT

WATER QUALITY PARAMETERS:

TEMPERATURE _____ C

SPEC. COND. _____ mS/cm

PH _____

ORP _____ mV

DO _____ mg/L

SALINITY _____ ppt

TURBIDITY _____ NM _____ NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

CLAY

OTHER Silt

EQUIPMENT FOR COLLECTION

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER Vibracore

DECON FLUIDS USED

DI WATER

LIQUINOX

OTHER Tape water

GPS Coordinates:

X - Coordinate 898141.98

Y - Coordinate 624729.96

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/	SAMPLE
				VOLUME REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

Penetration 2.5' Recovers 1.2'

Black silty sand w/ shell fragments

SD15TF6700FS

SD15TF6701FS (labeled 02 on COC)

SIGNATURE: *David Olvey*

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.****

DATE 4/6

LOCATION ID: SD2015-TF-L6

ACTIVITY TIME START END

BOTTLE TIME 0819

SAMPLE ID: SD15TFLL600FS SD15TFLL602FS SD15TFLL603FSH

SURFACE WATER DATA

WATER DEPTH AT LOCATION 14.0 FT

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

CLAY

OTHER _____

EQUIPMENT FOR COLLECTION

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER Vibracore

DECON FLUIDS USED

DI WATER

LIQUINOX

OTHER Tapwater

GPS Coordinates:

X - Coordinate 898950.10

Y - Coordinate 624108.20

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/ VOLUME	SAMPLE
				REQUIRED	COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

3' Penetration 1.5' recovery

Brown silt

SD15TFLL600FS

SD15TFLL602FS

SD15TFLL603FSH

SIGNATURE: Daniel Lovejoy

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Statford Army Engine Plant

JOB NUMBER 3616136044.02.****

DATE 4/6/15

LOCATION ID: SD2014-TF-GH1

ACTIVITY TIME START _____ END _____

BOTTLE TIME 0930

SAMPLE ID: SD14TFGH103FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION 0 FT

WATER QUALITY PARAMETERS:

TEMPERATURE _____ C

SPEC. COND. _____ mS/cm

PH _____

ORP _____ mV

DO _____ mg/L

SALINITY _____ ppt

TURBIDITY _____ NM _____ NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

CLAY

OTHER _____

EQUIPMENT FOR COLLECTION

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER 1/6 core

DECON FLUIDS USED

DI WATER

LIQUINOX

OTHER Tepanite

GPS Coordinates:

X - Coordinate 897891.75

Y - Coordinate 623518.97

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/ VOLUME	SAMPLE
				REQUIRED	COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

4' penetration 4' recovery

SD14TFGH103FS

SIGNATURE: Paul O'Leary

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.***

DATE 4/6/15

LOCATION ID: SD2014-TF-C5

ACTIVITY TIME START END 1032

BOTTLE TIME 1032

SAMPLE ID: SD14TFC502 FS

SD14TFC503 FSH

SURFACE WATER DATA	SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION	DECON FLUIDS USED
WATER DEPTH AT LOCATION <input type="text"/> FT	<input checked="" type="checkbox"/> ORGANIC	<input type="checkbox"/> SAND	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE <input type="text"/> C	<input type="checkbox"/> OTHER <u>Silt</u>	<input type="checkbox"/> ALUMINIUM PAN	<input type="checkbox"/> S.S. SPATULA	OTHER <u>Tape water</u>
SPEC. COND. <input type="text"/> mS/cm	<input checked="" type="checkbox"/> OTHER <u>Vibracore</u>	GPS Coordinates:		
PH <input type="text"/>	X - Coordinate <input type="text"/> <u>897241.53</u>	Y - Coordinate <input type="text"/> <u>624725.28</u>		
ORP <input type="text"/> mV				
DO <input type="text"/> mg/L				
SALINITY <input type="text"/> ppt				
TURBIDITY <input type="text"/> NM <input type="text"/> NTUs				

ANALYTICAL PARAMETERS		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	Sediment ANALYSIS	ANALYSIS ID	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz <input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz <input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

3.5' Penetration 2.8' Recovery

0-12" Black silt w/ peat and some shell fragments

12-24" Dark gray silty sand w/ some shell SD14TFC502 FS

24" Dark brown silt w/ some peat SD14TFC503 FSH

SIGNATURE: David O Lovejoy

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.**** DATE 4/6
 LOCATION ID: SD2014-TFAS ACTIVITY TIME START 1039 END 1039 BOTTLE TIME 1039
 SAMPLE ID: SD14TFAS02FS SD14TFAS03FSH

SURFACE WATER DATA	SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION	DECON FLUIDS USED
WATER DEPTH AT LOCATION <u>1.3</u> FT	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> SAND	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE <u> </u> C	<input type="checkbox"/> OTHER _____		<input checked="" type="checkbox"/> ALUMINIUM PAN	OTHER <u>Tapwater</u>
SPEC. COND. <u> </u> mS/cm			<input type="checkbox"/> S.S. SPATULA	
PH <u> </u>			<input checked="" type="checkbox"/> OTHER <u>Vibracore</u>	
ORP <u> </u> mV	GPS Coordinates:			
DO <u> </u> mg/L	X - Coordinate <u>896888.96</u>			
SALINITY <u> </u> ppt	Y - Coordinate <u>624901.79</u>			
TURBIDITY <u> </u> NM NTUs				

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = Envirosystems Laboratory (Portsmouth, NH)

4' Penetration; 3' recovery

0-2 Black silt w/ peat (actual 2-2.5) SD14TFAS02FS

2-3 Dark brown silt (actual 2.5-3) SD14TFAS03FSH

SIGNATURE: David Lopez

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Statford Army Engine Plant JOB NUMBER 3616136044.02.**** DATE 4/6/15
 LOCATION ID: SD2014-TF-ZA45 ACTIVITY TIME START _____ END _____ BOTTLE TIME 1047
 SAMPLE ID: SD14TFZA4502FS SD14TFZA4503FSH

SURFACE WATER DATA	SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION	DECON FLUIDS USED
WATER DEPTH AT LOCATION <u>1.4'</u> FT	<input checked="" type="checkbox"/> ORGANIC (<u>peat</u>)	<input type="checkbox"/> SAND	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE _____ C	<input type="checkbox"/> OTHER <u>silt</u>	<input type="checkbox"/> ALUMINIUM PAN	<input type="checkbox"/> ALUMINIUM PAN	OTHER <u>TapeWater</u>
SPEC. COND. _____ mS/cm	<input checked="" type="checkbox"/> OTHER <u>Vibracore</u>	<input type="checkbox"/> S.S. SPATULA	<input type="checkbox"/> S.S. SPATULA	
PH _____	GPS Coordinates:	<input type="checkbox"/> OTHER <u>Vibracore</u>		
ORP _____ mV	X - Coordinate <u>896755.04</u>			
DO _____ mg/L	Y - Coordinate <u>624856.33</u>			
SALINITY _____ ppt				
TURBIDITY _____ NM NTUs				

ANALYTICAL PARAMETERS		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	Sediment ANALYSIS	METHOD	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz <input type="checkbox"/>
EVS <input type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz <input type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

Penetration = 4' Recovery 3.1'

0-2' Black silt w/peat & some shell (2-2 1/2' sample) SD14TFZA4502FS

2-3.1' Black/brown silt 2 1/2-3' SD14TFZA4503FSH

SIGNATURE: Daniel Lovejoy

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.**** DATE 4/6/15
 LOCATION ID: SD2015-TF-AB12 ACTIVITY TIME START 1104 END 1104 BOTTLE TIME 1104
 SAMPLE ID: SD15TFAB1203FS SD15TFAB1205FS SD15TFAB1207FS

SURFACE WATER DATA	SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION	DECON FLUIDS USED
WATER DEPTH AT LOCATION <u>2.0</u> FT	<input checked="" type="checkbox"/> ORGANIC (<u>peat</u>)	<input type="checkbox"/> SAND	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE <u> </u> C	<input type="checkbox"/> OTHER <u>silt</u>	<input type="checkbox"/> OTHER <u>Vibracore</u>	<input checked="" type="checkbox"/> ALUMINIUM PAN	OTHER <u>Tapwater</u>
SPEC. COND. <u> </u> mS/cm	GPS Coordinates:			
PH <u> </u>	X - Coordinate <u>SD 896646.95</u>	Y - Coordinate <u>624184.96</u>		
ORP <u> </u> mV				
DO <u> </u> mg/L				
SALINITY <u> </u> ppt				
TURBIDITY <u> </u> NM <u> </u> NTUs				

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

7' Penetration 5.5' Recovery

dark brown silt to 4' some peat

SD15TFAB1203FS

SD15TFAB1205FS

SD15TFAB1207FS

SIGNATURE: Dan O. Lovejoy

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.**** DATE 4/6/15
 LOCATION ID: SD2015-TF-AB1 ACTIVITY TIME START 1141 END 1141 BOTTLE TIME 1141
 SAMPLE ID: SD15TFAB103FS SD15TFAB105FS SD15TFAB107FS

SURFACE WATER DATA	SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION	DECON FLUIDS USED
WATER DEPTH AT LOCATION <u>3.6</u> FT	<input checked="" type="checkbox"/> ORGANIC (<u>peat</u>)	<input type="checkbox"/> SAND	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input checked="" type="checkbox"/> SAND	<input type="checkbox"/> GRAVEL	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE <u> </u> C	<input type="checkbox"/> CLAY	<input type="checkbox"/> OTHER <u>silt</u>	<input checked="" type="checkbox"/> ALUMINIUM PAN	OTHER <u>Tapwater</u>
SPEC. COND. <u> </u> mS/cm	<input type="checkbox"/> S.S. SPATULA	<input checked="" type="checkbox"/> OTHER <u>Vibracore</u>		
PH <u> </u>	GPS Coordinates:			
ORP <u> </u> mV	X - Coordinate <u>896632.28</u>			
DO <u> </u> mg/L	Y - Coordinate <u>624096.15</u>			
SALINITY <u> </u> ppt				
TURBIDITY <u> </u> NM NTUs				

ANALYTICAL PARAMETERS		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED	
LAB	Sediment ANALYSIS	METHOD	REQUIRED		
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)
 8' Penetration ; 0.5' recovery
 0-0.5 Black silty sand
 0.5-1 Gray silty sand w/peat
 1-6.5 Gray/brown silt (some shell 3-3.5)
 3.5-4 SD15TFAB103FS
 5-5.5 SD15TFAB105FS
 6-6.5 SD15TFAB107FS

SIGNATURE: David O. Lovejoy
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.***

DATE 4/4/15

LOCATION ID: SD2015-TF-Ad

ACTIVITY TIME START _____ END 1158

BOTTLE TIME 1158

SAMPLE ID: SD15TFAD0105FS SD15TFAD0105FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION 2.0 FT

WATER QUALITY PARAMETERS:

TEMPERATURE _____ C

SPEC. COND. _____ mS/cm

PH _____

ORP _____ mV

DO _____ mg/L

SALINITY _____ ppt

TURBIDITY _____ NM _____ NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC (peat)

SAND

GRAVEL

CLAY

OTHER silt

EQUIPMENT FOR COLLECTION

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER Vibracore

DECON FLUIDS USED

DI WATER

LIQUINOX

OTHER Tapwater

GPS Coordinates:

X - Coordinate 896535.77

Y - Coordinate 624072.48

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/	SAMPLE
				VOLUME REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

7' Penetration; 5.7' recovery

0-1 Black silt w/peat

1-1.5 Dark gray silty sand

1.5-5.7 Gray brown silt

SD15TFAD0103FS

SD15TFAD0105FS

SIGNATURE: David O. Lovejoy

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.****

DATE 7/2/15

LOCATION ID: 2014TFL3

ACTIVITY TIME START END 1044

BOTTLE TIME 1044

SAMPLE ID: SD14TFL302FS

SD14TFL303FSH

SURFACE WATER DATA

WATER DEPTH AT LOCATION 0.8 FT

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

CLAY

OTHER silt

EQUIPMENT FOR COLLECTION

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER Vibracore

DECON FLUIDS USED

DI WATER

LIQUINOX

OTHER Tapwater

GPS Coordinates:

X - Coordinate 898676.82

Y - Coordinate 623571.00

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE
			METHOD	REQUIRED	COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

2-3ft Black silt SD14TFL302FS

3-4' Black silty sand SD14TFL303FSH

SIGNATURE: Dan O'Leary

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.**** DATE 4/2/15
 LOCATION ID: SD 2015-TF-GH12 ACTIVITY TIME START END 1205 BOTTLE TIME 1205
 SAMPLE ID: SD15TFGH1203 FS SD15TFGH1205 FS SD15TFGH1207 FS

SURFACE WATER DATA	SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION	DECON FLUIDS USED
WATER DEPTH AT LOCATION <u>3.0</u> FT	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> SAND	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input checked="" type="checkbox"/> GRAVEL	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> ALUMINIUM PAN	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE <u> </u> C	<input type="checkbox"/> CLAY	<input type="checkbox"/> S.S. SPATULA	OTHER <u>Tapwater</u>	
SPEC. COND. <u> </u> mS/cm	<input checked="" type="checkbox"/> OTHER <u>silt</u>	<input type="checkbox"/> OTHER <u>Vibracore</u>		
PH <u> </u>	GPS Coordinates:			
ORP <u> </u> mV	X - Coordinate <u>897902.59</u>			
DO <u> </u> mg/L	Y - Coordinate <u>623565.74</u>			
SALINITY <u> </u> ppt				
TURBIDITY <u> </u> NM NTUs				

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:
 EVS = EnviroSystems Laboratory (Portsmouth, NH)
 8' Penetration; 6' Recovery
SD15TFGH1203 FS Sandy gravel
SD15TFGH1205 FS silt
SD15TFGH1207 FS Gravel

SIGNATURE: David O. Lovejoy
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.**** DATE 4/2/15
 LOCATION ID: 2015 TF H12 ACTIVITY TIME START _____ END _____ BOTTLE TIME 1215
 SAMPLE ID: SD15TFH1203FS SD15TFH1205FS SD15TFH1207FS

SURFACE WATER DATA		SEDIMENT DATA: TYPE OF SEDIMENT:		EQUIPMENT FOR COLLECTION		DECON FLUIDS USED	
WATER DEPTH AT LOCATION	<input type="text"/> FT	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> SAND	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> S.S. SPOON	<input type="checkbox"/> DI WATER	<input type="checkbox"/> LIQUINOX
WATER QUALITY PARAMETERS:		<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> ALUMINIUM PAN	<input type="checkbox"/> S.S. SPATULA	OTHER <u>Tapwater</u>	
TEMPERATURE	<input type="text"/> C	<input type="checkbox"/> OTHER <u>silt</u>	<input type="checkbox"/> OTHER <u>Vibracore</u>				
SPEC. COND.	<input type="text"/> mS/cm	GPS Coordinates:					
PH	<input type="text"/>	X - Coordinate	<input type="text"/> <u>898059.24</u>				
ORP	<input type="text"/> mV	Y - Coordinate	<input type="text"/> <u>623544.24</u>				
DO	<input type="text"/> mg/L						
SALINITY	<input type="text"/> ppt						
TURBIDITY	<input type="text"/> NM NTUs						

ANALYTICAL PARAMETERS				BOTTLE TYPE/	
Sediment		PRESERVATION		VOLUME	SAMPLE
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

7.5' Penetration 7.0' recovery

0-1.5' Sand

1.5-7' Black silt

SD15TFH1203FS

SD15TFH1205FS

SD15TFH1207FS

SIGNATURE: David O. Lopez

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02.**** DATE 4/2/15
 LOCATION ID: SD 2015-TF-401 ACTIVITY TIME START END 1319 BOTTLE TIME 1319
 SAMPLE ID: SD15TFH0103 FS SD15TFH0105 FS SD15TFH0107 FS

SURFACE WATER DATA		SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION	DECON FLUIDS USED
WATER DEPTH AT LOCATION	<u>3.8' FT</u>		<input type="checkbox"/> ORGANIC	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:			<input type="checkbox"/> SAND	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE	<u> </u> C		<input type="checkbox"/> GRAVEL	<input checked="" type="checkbox"/> ALUMINIUM PAN	OTHER <u>Tapwater</u>
SPEC. COND.	<u> </u> mS/cm		<input type="checkbox"/> CLAY	<input type="checkbox"/> S.S. SPATULA	
PH	<u> </u>		<input type="checkbox"/> OTHER <u> </u>	<input type="checkbox"/> OTHER <u>Vibracore</u>	
ORP	<u> </u> mV	GPS Coordinates:	X - Coordinate	<u>897970.17</u>	
DO	<u> </u> mg/L	Y - Coordinate	<u>623476.66</u>		
SALINITY	<u> </u> ppt				
TURBIDITY	<u> </u> NM NTUs				

ANALYTICAL PARAMETERS			PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

7' Penetration; 6.1' recovery

0-2' Brown sand

2-6.1' Silt (some peat 5-6')

SD15TFH0103 FS

SD15TFH0105 FS

SD15TFH0107 FS

SIGNATURE: David O Lopez
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.***

DATE 4/2/15

LOCATION ID: SD2014-TF-142

ACTIVITY TIME START ~~890000~~ 1330 END 1330

BOTTLE TIME 1330

SAMPLE ID: SD14TFH202FS

SD14TFH203FSH

SURFACE WATER DATA

WATER DEPTH AT LOCATION 3.3' FT

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

SEDIMENT DATA:

TYPE OF SEDIMENT:

- ORGANIC
- SAND
- GRAVEL
- CLAY
- OTHER silt

EQUIPMENT FOR COLLECTION

- HAND CORER
- S.S. SPOON
- ALUMINIUM PAN
- S.S. SPATULA
- OTHER Vibracore

DECON FLUIDS USED

- DI WATER
- LIQUINOX
- OTHER Tapwater

GPS Coordinates:

X - Coordinate 898058.22

Y - Coordinate 623655.81

ANALYTICAL PARAMETERS

Sediment		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE
LAB	ANALYSIS	METHOD	REQUIRED	COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C 1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C 1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

4' Penetration; 3.8' recovery

2-3' Silt w/ shell fragments SD14TFH202FS

3-4' Silt SD14TFH203FSH

SIGNATURE: David Longo

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Statford Army Engine Plant JOB NUMBER 3616136044.02.*** DATE 4/2/15
 LOCATION ID: SD2015-TF-GH5 ACTIVITY TIME START _____ END 1344 BOTTLE TIME 1344
 SAMPLE ID: SD15TFGH500FS SD15TFGH502FS SD15TFGH503FSH

SURFACE WATER DATA	SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION:	DECON FLUIDS USED
WATER DEPTH AT LOCATION <u>4.9</u> FT	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> SAND	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE _____ C	<input type="checkbox"/> OTHER _____	<input type="checkbox"/> ALUMINIUM PAN	<input type="checkbox"/> S.S. SPATULA	OTHER <u>Tap water</u>
SPEC. COND. _____ mS/cm		<input type="checkbox"/> OTHER <u>V. brace</u>		
PH _____	GPS Coordinates:			
ORP _____ mV	X - Coordinate <u>898144.60</u>			
DO _____ mg/L	Y - Coordinate <u>624282.63</u>			
SALINITY _____ ppt				
TURBIDITY _____ NM _____ NTUs				

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:
 EVS = EnviroSystems Laboratory (Portsmouth, NH)
 4.5' Penetration ; 4.5' recovery
 0-0.5' Black silt w/organics (leaves) sand @ 0.5' SD15TFGH500FS
 2-3' Black organic silt SD15TFGH502FS
 3-4' Black organic silt w/trace sand + shell fragments SD15TFGH503FSH

SIGNATURE: David J. Longo
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02**** DATE 4/2/15
 LOCATION ID: SD2015-TF-E7 ACTIVITY TIME START _____ END 1356 BOTTLE TIME 1356
 SAMPLE ID: SD15TFE700FS SD15TFE701FS SD15TFE702FS SD15TFE703FSH

SURFACE WATER DATA

WATER DEPTH AT LOCATION 2.9' FT

WATER QUALITY PARAMETERS:

TEMPERATURE _____ C
 SPEC. COND. _____ mS/cm
 PH _____
 ORP _____ mV
 DO _____ mg/L
 SALINITY _____ ppt
 TURBIDITY _____ NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC
 SAND
 GRAVEL
 CLAY
 OTHER _____

EQUIPMENT FOR COLLECTION

HAND CORER
 S.S. SPOON
 ALUMINIUM PAN
 S.S. SPATULA
 OTHER Vibracore

DECON FLUIDS USED

DI WATER
 LIQUINOX
 OTHER Tap Water

GPS Coordinates:

X - Coordinate 897716.41
 Y - Coordinate 624884.01

ANALYTICAL PARAMETERS

Sediment		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE
LAB	ANALYSIS	METHOD	REQUIRED	COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C 1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C 1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

4' Penetration; 4' recovery

- SD15TFE700FS
- SD15TFE701FS
- SD15TFE702FS
- SD15TFE703FSH

Black organic silt
Trace shells @ 2-2.5"

SIGNATURE: David J. Longroy

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02**** DATE 4/2/15
 LOCATION ID: SD 2014-TF-EG ACTIVITY TIME START _____ END _____ BOTTLE TIME 1402
 SAMPLE ID: SD 14 TFE602 FS SD 14 TFE603 FSH

SURFACE WATER DATA

WATER DEPTH AT LOCATION _____ FT

WATER QUALITY PARAMETERS:

TEMPERATURE _____ C

SPEC. COND. _____ mS/cm

PH _____

ORP _____ mV

DO _____ mg/L

SALINITY _____ ppt

TURBIDITY _____ NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

CLAY

OTHER silt

EQUIPMENT FOR COLLECTION

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER Vibracore

DECON FLUIDS USED

DI WATER

LIQUINOX

OTHER Tapwater

GPS Coordinates:

X - Coordinate 897687.81

Y - Coordinate 624733.71

ANALYTICAL PARAMETERS

Sediment		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE	
LAB	ANALYSIS	METHOD	REQUIRED	COLLECTED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

4.5' Penetration; 4.5' recovery

2-3' organic silt w/ trace peat and shells SD 14 TFE602 FS

3-4' organic silt SD 14 TFE603 FSH

SIGNATURE: David O Longo

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Statford Army Engine Plant JOB NUMBER 3616136044.02.**** DATE 4/2/15
 LOCATION ID: SD2014-TF-65 ACTIVITY TIME START _____ END 1407 BOTTLE TIME 1407
 SAMPLE ID: SD14TFG502FS SD14TFG503FSH

SURFACE WATER DATA		SEDIMENT DATA: TYPE OF SEDIMENT:		EQUIPMENT FOR COLLECTION:		DECON FLUIDS USED:	
WATER DEPTH AT LOCATION	<u>4.2</u> FT	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER			
WATER QUALITY PARAMETERS:		<input checked="" type="checkbox"/> SAND	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX			
TEMPERATURE	_____ C	<input type="checkbox"/> GRAVEL	<input checked="" type="checkbox"/> ALUMINIUM PAN	OTHER <u>Tapwater</u>			
SPEC. COND.	_____ mS/cm	<input type="checkbox"/> CLAY	<input type="checkbox"/> S.S. SPATULA				
PH	_____	<input checked="" type="checkbox"/> OTHER <u>silt</u>	<input checked="" type="checkbox"/> OTHER <u>Vibracore</u>				
ORP	_____ mV	GPS Coordinates:					
DO	_____ mg/L	X - Coordinate	<u>897965.99</u>				
SALINITY	_____ ppt	Y - Coordinate	<u>624369.39</u>				
TURBIDITY	NM NTUs						

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:
 EVS = EnviroSystems Laboratory (Portsmouth, NH)
4.1' Penetration, 40% recovery
2-3' Black organic silt, trace peat SD14TFG502FS
3-4' Gray silt w/ trace fine sand SD14TFG503FSH

SIGNATURE: David O. Longay
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Statford Army Engine Plant JOB NUMBER 3618136044.02.**** DATE 4/2/15
 LOCATION ID: SD14TFH502 FS ACTIVITY TIME START 1418 END 1419 BOTTLE TIME 1419
 SAMPLE ID: SD14TFH502 FS SD14TFH503 FS H

SURFACE WATER DATA		SEDIMENT DATA: TYPE OF SEDIMENT:		EQUIPMENT FOR COLLECTION		DECON FLUIDS USED	
WATER DEPTH AT LOCATION	<u>5.5'</u> FT	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER			
WATER QUALITY PARAMETERS:		<input checked="" type="checkbox"/> SAND	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX			
TEMPERATURE	<u> </u> C	<input type="checkbox"/> GRAVEL	<input checked="" type="checkbox"/> ALUMINIUM PAN	OTHER <u>Tap Water</u>			
SPEC. COND.	<u> </u> mS/cm	<input type="checkbox"/> CLAY	<input type="checkbox"/> S.S. SPATULA				
PH	<u> </u>	<input checked="" type="checkbox"/> OTHER <u>silt</u>	<input checked="" type="checkbox"/> OTHER <u>Vibracore</u>				
ORP	<u> </u> mV	GPS Coordinates:					
DO	<u> </u> mg/L	X - Coordinate	<u>898370.58</u>				
SALINITY	<u> </u> ppt	Y - Coordinate	<u>624191.71</u>				
TURBIDITY	<u> </u> NM NTUs						

ANALYTICAL PARAMETERS			PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

Penetration 4.5'; Recovery 4.5'

2-3' Black organic silt w/ trace shell SD14TFH502 FS

3-4' same as above SD14TFH503 FS H

4-4.5' Gray silty sand

SIGNATURE: David D. Longo

RECEIVED BY: _____

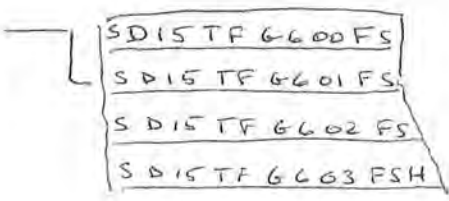
FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02**** DATE 4/2/15
 LOCATION ID: SD2015-TF-66 ACTIVITY TIME START 1435 END 1435 BOTTLE TIME 1435
 SAMPLE ID: SD15TF6600FS SD15TF6601FS SD15TF6602FS SD15TF6603FSH

SURFACE WATER DATA	SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION	DECON FLUIDS USED
WATER DEPTH AT LOCATION <u>8.8'</u> FT	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> SAND	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE <u> </u> C	<input type="checkbox"/> OTHER <u>silt</u>	<input type="checkbox"/> ALUMINIUM PAN	<input type="checkbox"/> S.S. SPATULA	OTHER <u>Tapester</u>
SPEC. COND. <u> </u> mS/cm	<input checked="" type="checkbox"/> OTHER <u>Vibracore</u>	GPS Coordinates:		
PH <u> </u>	X - Coordinate <u>898053.53</u>	Y - Coordinate <u>624550.58</u>		
ORP <u> </u> mV				
DO <u> </u> mg/L				
SALINITY <u> </u> ppt				
TURBIDITY <u> </u> NM NTUs				

ANALYTICAL PARAMETERS		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	Sediment ANALYSIS	METHOD	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz <input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz <input checked="" type="checkbox"/>

Notes:
 EVS = EnviroSystems Laboratory (Portsmouth, NH)
 3.9' Penetration and recovery
 0-3.7' Black organic silt
 3.7-3.9 Sand and shell fragments



SIGNATURE: David Obregon
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Statford Army Engine Plant JOB NUMBER 3616136044.02**** DATE 4/2/15
 LOCATION ID: SD 2015-TF-6H6 ACTIVITY TIME START END 1448 BOTTLE TIME 1448
 SAMPLE ID: SD 15TF 6H602 FS SD 15TF 6H600 FS

SURFACE WATER DATA		SEDIMENT DATA: TYPE OF SEDIMENT:		EQUIPMENT FOR COLLECTION		DECON FLUIDS USED	
WATER DEPTH AT LOCATION	<u>10.5'</u> FT	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> SAND	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> S.S. SPOON	<input type="checkbox"/> DI WATER	<input type="checkbox"/> LIQUINOX
WATER QUALITY PARAMETERS:		<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> ALUMINIUM PAN	<input type="checkbox"/> S.S. SPATULA	OTHER <u>Tapwater</u>	
TEMPERATURE	<u> </u> C	<input checked="" type="checkbox"/> OTHER <u>silt</u>	<input checked="" type="checkbox"/> OTHER <u>Vibracore</u>				
SPEC. COND.	<u> </u> mS/cm	GPS Coordinates:					
PH	<u> </u>	X - Coordinate	<u>09823291</u>				
ORP	<u> </u> mV	Y - Coordinate	<u>624462.13</u>				
DO	<u> </u> mg/L						
SALINITY	<u> </u> ppt						
TURBIDITY	<u> </u> NM NTUs						

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/ VOLUME		SAMPLE	
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED		
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>		
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>		

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

Penetration = 3' Recovery = 2.2'

0.1' to 2' Black silty sand w/ trace shell SD 15TF 6H602 FS

2-3' Gray silty sand w/ many shells SD 15TF 6H600 FS

1-2.2ft

SIGNATURE: David Lopez

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02**** DATE 4/3
 LOCATION ID: SD2015-TF-F7 ACTIVITY TIME START 0723 END 0723 BOTTLE TIME 0723
 SAMPLE ID: SD15TF700FS SD15TF701FS SD15TF702FS SD15TF703FSH

SURFACE WATER DATA

WATER DEPTH AT LOCATION 18.0 FT

WATER QUALITY PARAMETERS:

TEMPERATURE C

SPEC. COND. mS/cm

PH

ORP mV

DO mg/L

SALINITY ppt

TURBIDITY NM NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

- ORGANIC
- SAND
- GRAVEL
- CLAY
- OTHER silt

EQUIPMENT FOR COLLECTION

- HAND CORER
- S.S. SPOON
- ALUMINIUM PAN
- S.S. SPATULA
- OTHER Vibracore

DECON FLUIDS USED

- DI WATER
- LIQUINOX
- OTHER Tapwater

GPS Coordinates:

X - Coordinate 897962.75

Y - Coordinate 624818.29

ANALYTICAL PARAMETERS

Sediment		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE	
LAB	ANALYSIS	METHOD	REQUIRED	COLLECTED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kehn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

4' Penetration 3' Recovery

0-1' Silty sand w/shell fragments SD15TF700FS

1-3' Dark brown silt SD15TF701FS

SD15TF702FS

SD15TF703FSH

SIGNATURE: Daniel Ologoz

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Statford Army Engine Plant

JOB NUMBER 3616136044.02.***

DATE 4/3/15

LOCATION ID: SD2015-TF-6H7

ACTIVITY TIME START _____ END 0733

BOTTLE TIME 0733

SAMPLE ID: SD15TF6H700FS SD15TF6H701FS SD15TF6H702FS SD15TF6H703FSH

SURFACE WATER DATA

WATER DEPTH AT LOCATION 16.9 FT

WATER QUALITY PARAMETERS:

TEMPERATURE _____ C

SPEC. COND. _____ mS/cm

PH _____

ORP _____ mV

DO _____ mg/L

SALINITY _____ ppt

TURBIDITY _____ NM _____ NTUs

SEDIMENT DATA:

TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

CLAY

OTHER _____

EQUIPMENT FOR COLLECTION

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER Vibracore

DECON FLUIDS USED

DI WATER

LIQUINOX

OTHER Tapwater

GPS Coordinates:

X - Coordinate 898327.36

Y - Coordinate 624641.50

ANALYTICAL PARAMETERS

LAB	Sediment ANALYSIS	ANALYSIS ID	PRESERVATION METHOD	BOTTLE TYPE/ VOLUME	SAMPLE
				REQUIRED	COLLECTED
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

Penetration 4.0' Recovery 3.3'

0-1' silt w/ many shell fragments SD15TF6H700FS

1-3.3' Dark brown silt

SD15TF6H701FS

SD15TF6H702FS

SD15TF6H703FSH

SIGNATURE: Daniel O'Leary

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant

JOB NUMBER 3616136044.02.****

DATE 4/3/15

LOCATION ID: SD 2015-TF-J6

ACTIVITY TIME START _____ END 0847

BOTTLE TIME 0847

SAMPLE ID: SD15TFJ600FS

SURFACE WATER DATA

WATER DEPTH AT LOCATION 12.5 FT

WATER QUALITY PARAMETERS:

TEMPERATURE _____ C

SPEC. COND. _____ mS/cm

PH _____

ORP _____ mV

DO _____ mg/L

SALINITY _____ ppt

TURBIDITY _____ NM _____ NTUs

SEDIMENT DATA: TYPE OF SEDIMENT:

ORGANIC

SAND

GRAVEL

CLAY

OTHER silt

EQUIPMENT FOR COLLECTION

HAND CORER

S.S. SPOON

ALUMINIUM PAN

S.S. SPATULA

OTHER Vibracore

DECON FLUIDS USED

DI WATER

LIQUINOX

OTHER Tap water

GPS Coordinates:

X - Coordinate 89 85 91.66

Y - Coordinate 62 42 85.22

ANALYTICAL PARAMETERS

Sediment		PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE	
LAB	ANALYSIS	METHOD	REQUIRED	COLLECTED	
EVS	<input type="checkbox"/> Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS	<input checked="" type="checkbox"/> Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

Penetration 1.8' Recovery 1.0'

silty sand w/shells SD15TFJ600FS

SIGNATURE: David O Longo

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02**** DATE 4/3/15
 LOCATION ID: SD 2015-TF-K6 ACTIVITY TIME START END 0935 BOTTLE TIME 0935
 SAMPLE ID: SD15TFK600FS SD15TFK601FS

SURFACE WATER DATA		SEDIMENT DATA: TYPE OF SEDIMENT:		EQUIPMENT FOR COLLECTION		DECON FLUIDS USED	
WATER DEPTH AT LOCATION	<u>13.5'</u> FT	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> SAND	<input type="checkbox"/> HAND CORER	<input checked="" type="checkbox"/> S.S. SPOON	<input type="checkbox"/> DI WATER	<input checked="" type="checkbox"/> KIQUINOX
WATER QUALITY PARAMETERS:		<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> ALUMINIUM PAN	<input type="checkbox"/> S.S. SPATULA	OTHER <u>Tap water</u>	
TEMPERATURE	<u> </u> C	<input checked="" type="checkbox"/> OTHER <u>silt</u>		<input checked="" type="checkbox"/> OTHER <u>Vibracore</u>			
SPEC. COND.	<u> </u> mS/cm	GPS Coordinates:					
PH	<u> </u>	X - Coordinate	<u>898770.73</u>				
ORP	<u> </u> mV	Y - Coordinate	<u>624196.65</u>				
DO	<u> </u> mg/L						
SALINITY	<u> </u> ppt						
TURBIDITY	<u> </u> NM NTUs						

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/ VOLUME		SAMPLE	
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	COLLECTED		
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>		
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>		

Notes:
 EVS = EnviroSystems Laboratory (Portsmouth, NH)
 2.5' Penetration 1.5' Recovery
 0 - 0.5' Dark gray silty sand w/shells SD15TFK600FS
 1 - 2' Dark gray silty sand w/shell SD15TFK601FS

SIGNATURE: David Blougez
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Stratford Army Engine Plant JOB NUMBER 3616136044.02**** DATE 4/3/15
 LOCATION ID: SD2014-TF-61 ACTIVITY TIME START END 0946 BOTTLE TIME 0946
 SAMPLE ID: SD14TF6102FS SD14TF6103FSH

SURFACE WATER DATA		SEDIMENT DATA: TYPE OF SEDIMENT:		EQUIPMENT FOR COLLECTION		DECON FLUIDS USED	
WATER DEPTH AT LOCATION	<u>2.9'</u> FT	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> SAND	<input type="checkbox"/> HAND CORER	<input checked="" type="checkbox"/> S.S. SPOON	<input type="checkbox"/> DI WATER	<input checked="" type="checkbox"/> LIQUINOX
<u>WATER QUALITY PARAMETERS:</u>		<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> ALUMINIUM PAN	<input type="checkbox"/> S.S. SPATULA	OTHER <u>Tapwater</u>	
TEMPERATURE	<u> </u> C	<input checked="" type="checkbox"/> OTHER <u>silt</u>	<input checked="" type="checkbox"/> OTHER <u>Vibracore</u>				
SPEC. COND.	<u> </u> mS/cm	GPS Coordinates:					
PH	<u> </u>	X - Coordinate	<u>897640.00</u>				
ORP	<u> </u> mV	Y - Coordinate	<u>623665.42</u>				
DO	<u> </u> mg/L						
SALINITY	<u> </u> ppt						
TURBIDITY	<u> </u> NM NTUs						

ANALYTICAL PARAMETERS			PRESERVATION		BOTTLE TYPE/	
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	VOLUME	SAMPLE	
				REQUIRED	COLLECTED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>	
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>	

Notes:
 EVS = EnviroSystems Laboratory (Portsmouth, NH)
 Penetration 4.0 Recovery 3.9
 2-3' Dark gray silt w/ trace pent and shells SD14TF6102FS
 3-4' Dark gray silt SD14TF6103FSH

SIGNATURE: David O Longo
 RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Statford Army Engine Plant JOB NUMBER 3616136044.02.**** DATE 4/3/15
 LOCATION ID: SD2014-TF-F1 ACTIVITY TIME START END 0958 BOTTLE TIME 0958
 SAMPLE ID: SD14TFE102FS SD14TFE103FSH

SURFACE WATER DATA	SEDIMENT DATA:	TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION:	DECON FLUIDS USED:
WATER DEPTH AT LOCATION: <u>3.0</u> FT	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> SAND	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:	<input type="checkbox"/> GRAVEL	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE: <u> </u> C	<input type="checkbox"/> OTHER <u> </u>	<input type="checkbox"/> OTHER <u> </u>	<input checked="" type="checkbox"/> ALUMINIUM PAN	OTHER <u>Tapwater</u>
SPEC. COND.: <u> </u> mS/cm			<input type="checkbox"/> S.S. SPATULA	
PH: <u> </u>			<input checked="" type="checkbox"/> OTHER <u>Vibracore</u>	
ORP: <u> </u> mV	GPS Coordinates:			
DO: <u> </u> mg/L	X - Coordinate: <u>897433.24</u>	Y - Coordinate: <u>623728.82</u>		
SALINITY: <u> </u> ppt				
TURBIDITY: <u> </u> NM NTUs				

ANALYTICAL PARAMETERS		PRESERVATION		BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

Penetration = 4' Recovery = 3.4'

2-3' Dark gray silt w/ peat # shells at 2.5-2.6 SD14TFE102FS

3-4' Dark brown silt SD14TFE103FSH

SIGNATURE: David O'Logan

RECEIVED BY: _____

FIELD DATA RECORD - SEDIMENT SAMPLING

PROJECT Statford Army Engine Plant JOB NUMBER 3616136044.02**** DATE 4/3/15
 LOCATION ID: SD2015-TF-EF01 ACTIVITY TIME START END 1010 BOTTLE TIME 1010
 SAMPLE ID: SDISTFEF0103FS SDISTFEF0105FS SDISTFEF0107FS

SURFACE WATER DATA		SEDIMENT DATA:		TYPE OF SEDIMENT:	EQUIPMENT FOR COLLECTION	DECON FLUIDS USED
WATER DEPTH AT LOCATION	<u>3.1'</u> FT	<input type="checkbox"/> ORGANIC	<input type="checkbox"/> SAND	<input type="checkbox"/> GRAVEL	<input type="checkbox"/> HAND CORER	<input type="checkbox"/> DI WATER
WATER QUALITY PARAMETERS:		<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> OTHER <u>silt</u>	<input checked="" type="checkbox"/> S.S. SPOON	<input checked="" type="checkbox"/> ALUMINIUM PAN	<input checked="" type="checkbox"/> LIQUINOX
TEMPERATURE	<u> </u> C	<input type="checkbox"/> OTHER <u>Vibracore</u>	GPS Coordinates:			
SPEC. COND.	<u> </u> mS/cm	X - Coordinate	<u>897320.23</u>			
PH	<u> </u>	Y - Coordinate	<u>623741.90</u>			
ORP	<u> </u> mV					
DO	<u> </u> mg/L					
SALINITY	<u> </u> ppt					
TURBIDITY	<u> </u> NM NTUs					

ANALYTICAL PARAMETERS			PRESERVATION	BOTTLE TYPE/ VOLUME	SAMPLE COLLECTED
LAB	Sediment ANALYSIS	ANALYSIS ID	METHOD	REQUIRED	
EVS <input type="checkbox"/>	Asbestos (Chrysotile only)	Lloyd Kahn/EPA 600	4 DEG C	1X 8 oz	<input type="checkbox"/>
EVS <input checked="" type="checkbox"/>	Metals/ Mercury/PCBs (Aroclors & Homologs)	6020/7471/8082/680	4 DEG C	1X 16 oz	<input checked="" type="checkbox"/>

Notes:

EVS = EnviroSystems Laboratory (Portsmouth, NH)

Penetration 7.5' Recovery 6.5'

3-4' Dark gray silt SDISTFEF0103FS

5-6' " " " slight peat SDISTFEF0105FS

6-6.5' " " " slight peat SDISTFEF0107FS

SIGNATURE: David O Luzzo

RECEIVED BY: _____

APPENDIX B

SUMMARY OF 2015 VIBRACORE SEDIMENT SAMPLING

SUMMARY OF 2015 VIBRACORE SEDIMENT SAMPLING

Station ID	Nothing	Easting	Water Depth	Penetration	Recovery	Time	Date
	FT	FT	FT	FT	FT	DST	
2014-TF-L3	623578.2	898678.5	6.8	4.4	4.3	10:43	4/2/2015
2014-TF-J2	623570.9	898233.4	4.0	4.0	3.5	10:59	4/2/2015
2015-TF-J1	623457.8	898132.4	4.3	6.8	4.9	11:02	4/2/2015
2014-TF-J1	623453.9	898063.1	4.3	6.5	2.9	11:26	4/2/2015
2015-TF-H01	623482.2	897969.2	3.8	7.5	6.0	11:57	4/2/2015
2014-TG-HJ1	623446.0	898059.2	4.5	6.5	2.9		
2015-TF-H1	623513.7	897999.2	3.8	7.5	6.0	12:08	4/2/2015
2015-TF-GH12	623560.2	897904.4	3.0	8.0	5.9	12:20	4/2/2015
2015-TF-H12	623534.0	898061.6	3.8	7.5	7.0	12:40	4/2/2015
2014-TF-GH1	623526.2	897897.8	2.4	0.0	0.0	12:54	4/2/2015
2014-TF-H2	623653.1	898058.5	3.3	4.0	3.8	13:24	4/2/2015
2015-TF-GH5	624276.4	898140.1	4.9	4.5	4.5	13:40	4/2/2015
2014-TF-E6	624728.3	897687.3	3.0	4.5	4.5	13:59	4/2/2015
2014-TF-G5	624365.2	897968.8	4.2	4.1	4.1	14:06	4/2/2015
2014-TF-H5	624190.9	898382.0	5.5	4.5	4.5	14:14	4/2/2015
2015-TF-G6	624537.9	898048.5	8.8	3.9	3.9	14:29	4/2/2015
2015-TF-GH6	624457.5	898240.0	10.5	3.0	2.2	14:42	4/2/2015
2015-TF-G7	624739.8	898136.6	6.9	4.0	3.3	7:25	4/3/2015
2015-TF-F7	624818.3	897962.8	8.0	4.0	2.4	7:56	4/3/2015
2015-TF-H6	624386.4	898409.0	13.1	3.5	2.0	8:20	4/3/2015
2015-TF-J6	624292.7	898593.5	12.5	1.8	1.4	8:32	4/3/2015
2015-TF-K6	624197.8	898775.3	13.5	2.5	1.5	9:15	4/3/2015
2014-TF-G1	623664.0	897638.7	2.9	4.0	3.9	9:41	4/3/2015
2014-TF-F1	623723.2	897428.8	13.0	4.0	3.4	9:55	4/3/2015
2015-TF-EF01	623738.2	897315.5	3.1	7.5	6.5	10:02	4/3/2015
2015-TF-EF1	623682.3	897337.3	3.1	6.0	5.1	10:14	4/3/2015
2014-TF-EF0	623736.0	897279.2	3.9	7.5	6.8	10:44	4/3/2015
2015-TF-E0	623742.3	897213.2	3.6	6.0	5.8	10:55	4/3/2015
2015-TF-DF01	623828.3	897139.2	4.3	7.5	6.3	11:22	4/3/2015
2014-TF-DE0	623781.0	897119.7	3.9	6.0	4.1	11:38	4/3/2015
2015-TF-D0	623812.8	897077.2	3.9	8.0	7.8	12:20	4/3/2015
2014-TF-D1	623908.7	897079.5	3.9	4.0	3.9	12:33	4/3/2015
2014-TF-C1	624024.8	896912.0	3.5	4.0	3.9	12:43	4/3/2015
2015-TF-B12	624179.1	896758.1	3.2	7.1	5.9	12:51	4/3/2015
2014-TF-C2	624184.3	896971.4	3.5	4.0	3.9	13:05	4/3/2015
2014-TF-B2	624277.9	896802.1	3.1	4.0	3.9	13:11	4/3/2015
2014-TF-A2	624355.2	896620.7	2.9	4.0	3.8	13:18	4/3/2015
2014-TF-C4	624558.7	897165.3	3.0	4.0	3.7	13:27	4/3/2015
2014-TF-C7	625082.3	897413.5	2.9	4.0	4.0	13:35	4/3/2015
2014-TF-D7	624996.6	897590.3	3.0	4.0	3.8	13:41	4/3/2015
2015-TF-L6	624103.5	898945.5	14.0	3.0	1.5	8:18	4/6/2015
2015-TF-K6	624198.4	898776.2	12.5	3.5	2.5	8:39	4/6/2015
2015-TF-GH7	624637.5	898324.7	19.9	2.5	1.3	8:57	4/6/2015

SUMMARY OF 2015 VIBRACORE SEDIMENT SAMPLING

Station ID	Nothing	Easting	Water Depth	Penetration	Recovery	Time	Date
	FT	FT	FT	FT	FT	DST	
2014-TF-C5	624722.4	897241.7	1.1	3.5	2.8	10:32	4/6/2015
2014-TF-A5	624907.3	896891.1	1.3	4.0	3.1	10:39	4/6/2015
2014-TF-ZA45	624856.8	896759.6	1.4	4.0	3.1	10:47	4/6/2015
2015-TF-AB12	624190.5	896645.7	2.0	7.0	5.5	11:04	4/6/2015
21014-TF-B1	624104.0	896713.7	2.2	8.0	6.0	11:24	4/6/2015
2015-TF-AB1	624095.2	896642.5	3.6	8.0	6.5	11:41	4/6/2015
2015-TF-A01	624076.2	896533.2	2.0	7.0	6.7	11:58	4/6/2015
2014-TF-A1	624152.1	896539.1	2.9	8.0	6.5	12:07	4/6/2015
2014-TF-ZA56	625036.2	896841.2	3.4	3.7	2.6	12:26	4/6/2015
2014-TF-A6	625083.6	896980.8	3.8	4.0	3.5	12:33	4/6/2015
2014-TF-ZA67	625210.7	896927.3	4.5	4.0	3.9	12:42	4/6/2015
2014-TF-A7	625244.7	897070.6	4.0	4.0	3.9	12:50	4/6/2015
2014-TF-B7	625178.9	897258.9	4.3	3.5	2.8	13:02	4/6/2015
OF-19	621513.5	899099.3	4.1	4.0	3.3	7:32	4/7/2015
OF-18	621469.4	899045.9	2.3	4.0	3.7	7:43	4/7/2015
OF-17	621458.9	898929.3	1.9	3.5	2.5	8:00	4/7/2015
OF-14	621450.0	898882.4	2.2	4.0	3.6	8:11	4/7/2015
OF-15	621380.5	898796.3	2.0	3.5	2.9	8:21	4/7/2015
OF-16	621376.3	898782.1	2.0	4.5	4.5	8:32	4/7/2015
OF-13	621517.5	898865.3	0.7	4.0	3.9	8:47	4/7/2015
OF-12	621646.7	898763.0	1.0	4.0	3.6	9:00	4/7/2015
OF-11	621726.5	898701.9	1.9	4.0	3.9	9:10	4/7/2015
OF-10	621779.5	898665.8	2.0	4.0	3.3	9:30	4/7/2015
OF-9	621850.7	898630.8	1.9	4.0	3.5	9:43	4/7/2015
OF-8	621928.7	898559.6	1.1	2.5	1.4	10:06	4/7/2015
OF-7	622008.7	898450.2	1.6	4.0	3.0	10:17	4/7/2015
OF-6	622075.2	898385.3	1.1	3.5	2.9	10:29	4/7/2015
OF-5	622121.6	898322.2	1.2	3.5	2.9	10:38	4/7/2015
OF-4	visual position						
OF-3	visual position						
OF-2	visual position						
OF-1	visual position						
2014-TF-E1	623830.9	897243.8				12:35	4/7/2015

2015 SEDIMENT SAMPLES NOT COLLECTED

AOC	Location ID	Description	Top Depth (ft,bgs)	Bottom Depth (ft,bgs)	Collected	Comment
TF	SD2014-TF-B7	2-4' Sampling	2	3	No	Penetration 3.5 feet recovery 2.8 feet
TF	SD2014-TF-DE0	TF Outfall Delineation	7	8	No	Penetration 6.0 feet recovery 4.1 feet
TF	SD2014-TF-E1	TF Outfall Delineation	3	4	No	Mostly rocks
TF	SD2014-TF-E1	TF Outfall Delineation	5	6	No	Mostly rocks
TF	SD2014-TF-GH1	TF Outfall Delineation	5	6	No	Refusal at 4 ft bgs; mostly peat
TF	SD2014-TF-GH1	TF Outfall Delineation	7	8	No	Refusal at 4 ft bgs; mostly peat
TF	SD2014-TF-H2	2-4' Sampling	2	3	No	Penetration 4.0 feet recovery 3.8 feet; vegetative matter
TF	SD2014-TF-HJ1	TF Outfall Delineation	7	8	No	Penetration 6.5 feet; refusal at hard packed material; mostly rocks
TF	SD2014-TF-ZA56	2-4' Sampling	2	3	No	Penetration 3.7 feet, recovery 2.6 feet; only bottom interval (3-4') suitable for sample due to presence of peat layer at 2-3'
TF	SD2015-TF-A01	TF Outfall Delineation	7	8	No	Penetration 7.0 feet, recovery 6.7 feet; refusal at hard packed material
TF	SD2015-TF-E0	TF Outfall Delineation	7	8	No	Penetration 6.5 feet, recovery 5.8 feet; refusal at hard packed material
TF	SD2015-TF-EF1	TF Outfall Delineation	7	8	No	Penetration 6.0 feet, recovery 5.1 feet; refusal at hard packed material
TF	SD2015-TF-G7	Housatonic Channel	1	2	No	Penetration 4.0 feet, recovery 3.3 feet; 1-2' interval mostly shell fragments
TF	SD2015-TF-G7	Housatonic Channel	3	4	No	Penetration 4.0 feet, recovery 3.3 feet; 3-4' interval mostly shell fragments
TF	SD2015-TF-GH5	Housatonic Channel	1	2	No	Penetration 4.5 feet, recovery 4.5 feet; mostly organic vegetative matter
TF	SD2015-TF-GH6	Housatonic Channel	1	2	No	Penetration 3.0 feet, recovery 2.2 feet; only volume for 2 samples
TF	SD2015-TF-GH6	Housatonic Channel	3	4	No	Refusal at hard packed material, low recovery
TF	SD2015-TF-H6	Housatonic Channel	3	4	No	Refusal at hard packed material, low recovery
TF	SD2015-TF-J1	TF Outfall Delineation	7	8	No	Refusal at hard packed material, low recovery
TF	SD2015-TF-J6	Housatonic Channel	1	2	No	Refusal at hard packed material, low recovery
TF	SD2015-TF-J6	Housatonic Channel	2	3	No	Refusal at hard packed material, low recovery
TF	SD2015-TF-J6	Housatonic Channel	3	4	No	Refusal at hard packed material, low recovery
TF	SD2015-TF-K6	Housatonic Channel	2	3	No	Refusal at hard packed material, low recovery
TF	SD2015-TF-K6	Housatonic Channel	3	4	No	Refusal at hard packed material, low recovery
TF	SD2015-TF-L6	Housatonic Channel	1	2	No	Refusal at hard packed material, low recovery
OF8	SD2014-OF-01	2-4' Sampling	3	4	No	Refusal at hard packed material
OF8	SD2014-OF-02	2-4' Sampling	2	3	No	Refusal at hard packed material 2.2'; recovery was mostly organic organic vegetative matter (peat)
OF8	SD2014-OF-02	2-4' Sampling	3	4	No	Refusal at hard packed material 2.2'; recovery was mostly organic organic vegetative matter (peat)
OF8	SD2014-OF-04	2-4' Sampling	2	3	No	Refusal at hard packed material; recovery was mostly organic organic vegetative matter (peat)
OF8	SD2014-OF-08	2-4' Sampling	3	4	No	Refusal at hard packed material; only enough volume for 2-3' sample
OF8	SD2014-OF8-19	2-4' Sampling	2	3	No	Penetration 4.0 feet, recovery 2.3 feet; insufficient volume over this interval for sample

APPENDIX C
CHEMIST REVIEW SUMMARIES

C-1
2014 0-0.5 FOOT SEDIMENT SAMPLE CHEMIST REVIEW SUMMARY

**Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut**

**14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166,
14E0237, and 14F1203**

1.0 INTRODUCTION

One hundred fourteen sediment samples were collected in April 2014 and May 2014 at SAEP located in Stratford, Connecticut. Samples were analyzed by YORK Analytical Laboratories, Inc (YORK) of Stratford, Connecticut. The following U.S. Environmental Protection Agency (USEPA) analytical methods (USEPA, 1996a) were performed:

- Semivolatile Organic Compounds (SVOCs) by USEPA Method 8270D
- Polynuclear Aromatic Hydrocarbons (PAHs) by USEPA Method 8270 Selective Ion Monitoring (SIM)
- Polychlorinated Biphenyls (PCBs) by USEPA Method 8082A
- PCBs Homologs by Modified EPA Method 680
- Metals by USEPA Methods 6020A/7471B
- Total Organic Carbon (TOC) by Method Lloyd Kahn
- Total Cyanide by USEPA Methods 9014/9010C

A chemist review was completed for all analyses to evaluate data quality in support of the Connecticut Department of Energy and Environmental Protection Recommended Reasonable Confidence Protocols (RCPs) [CTDEEP, 2010a; CTDEEP, 2010b]. Samples included in this data evaluation are presented in Table 1. Data quality evaluations were completed using quality control (QC) limits specified by the CTDEEP RCPs and the subcontract laboratory presented in Table 2. If data quality issues were identified during the review, results were qualified in the final data set and interpretations on data biases provided. Data qualifications were completed using the professional judgment of the validation chemist and general procedures specified in Region I EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (USEPA, 1996b).

Data qualifications were completed if necessary in accordance with the guidelines or the professional judgment of the project chemist using the following qualifiers:

- J = The reported concentration is considered an estimated value
- U = The target compound was not detected above the reporting limit (RL)
- UJ = The target compound was not detected and the RL is considered to be estimated
- R = The reported value is rejected and considered to be unusable

Validation reason codes were applied to results associated with QC measurements outside project QC goals. The validation qualification actions and associated validation reason codes applied to sample results are summarized on Table 3. The following data validation reason codes were applied to one or more sample results:

- FD = Field duplicate relative percent difference (RPD) limit exceeded
- HT = Holding time exceeded
- HT-G = Holding time grossly exceeded
- LCS-H = Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) recovery high
- LCS-L = LCS/LCSD recovery low
- LCS-RPD = LCS/LCSD RPD limit exceeded

MS-L = MS/MSD recovery low
MS-RPD = MS/MSD RPD limit exceeded
PM = Percent moisture exceeds EPA guideline
SS-L = Surrogate recovery low

A complete summary of final sample results is provided in Table 4.

Data were evaluated based on the following parameters where applicable:

- Sample Collection and Preservation
- Data Completeness
- Holding Times
- Surrogate Recoveries
- * Blank Contamination
- Field Duplicates
- LCS/LCSD
- MS/MSD
- * Reporting Limits (RLs)
- Data Package Narrative Review

* - all criteria were met for this parameter

In addition to the above QC evaluations performed as part of the chemist review, any issues with instrument calibration and target compound quantitation noted in the lab data package narratives are summarized in this report. A review of these QC parameters is outside the scope of the chemist review and data qualifiers are not applied for these issues.

A subset of samples was analyzed at dilution due to high target compound concentrations and/or matrix interference. Reporting limits for non-detect results are elevated.

With the exception of the following items discussed below, results were determined to be usable as reported by the laboratory.

2.0 SVOCs

Sample Collection and Preservation

14E0005 – The percent solids was less than 30 in sample SD14TFZA4500FS (27). All SVOCs in sample SD14TFZA4500FS were reported as not detected and were qualified as rejected (R).

Data Completeness

14F1203 – Due to a laboratory error, SVOC samples SD14TFK401FS and SD14TFK401FS were not analyzed.

Surrogate Recoveries

14D0945 – Surrogates associated with base-neutral compounds had recoveries that were less than the lower QC limit of 30 in samples SD14OF81700FS (14/25), SD14OF81600FS (22/20), and SD14OF81300FS (26/20), which may indicate low bias. All base-neutral compounds in samples

SD14OF81700FS, SD14OF81600FS, and SD14OF81300FS were reported as not detected and reporting limits were qualified as estimated (UJ). Some compounds were subsequently rejected (R) due to low LCS recoveries.

14D1010 – Surrogates associated with base-neutral compounds had recoveries that were less than the lower QC limit of 30 in samples SD14TFK200FS (4/18), SD14OF81200FS (21/23), SD14OF81100FS (29.6/27), SD14OF81000FS (25/23), and SD14OF80700FS (25/23), and surrogates associated with acid compounds had recoveries that were less than the lower QC limit of 30 in sample SD14TFK200FS (5/19), which may indicate low bias. All base-neutral compounds in samples SD14OF81200FS, SD14OF81100FS, SD14OF81000FS, and SD14OF80700FS were reported as not detected and reporting limits were qualified as estimated (UJ). All compounds in sample SD14TFK200FS were reported as not detected and were qualified as rejected (R). Some compounds were subsequently rejected (R) due to low LCS recoveries.

14D1046 – Surrogates associated with base-neutral compounds had recoveries that were less than the lower QC limit of 30 in samples SD14TFH200FS (4/11) and SD14TFB100FD (4/11), and surrogates associated with acid compounds had recoveries that were less than the lower QC limit of 30 in sample SD14OF80500FS (9.9), SD14TFDE000FS (5/22), SD14TFB100FD (4/18/20), and SD14TFH200FS (6/24) which may indicate low bias. All acid compounds in sample SD14OF80500FS were reported as not detected and were qualified as rejected (R). All compounds in sample SD14TFH200FS were reported as not detected and were qualified as rejected (R). Sample SD14TFB100FD is the field duplicate of sample SD14TFB100FS. Surrogate recoveries in the sample SD14TFB100FS were all within QC limits. All compounds were reported as not detected in sample SD14TFB100FS and its field duplicate SD14TFB100FD, and based on professional judgment, reporting limits in sample SD14TFB100FD were qualified as estimated (UJ). Sample SD14TFDE000FD is the field duplicate of sample SD14TFDE000FS. Surrogate recoveries in the sample SD14TFDE000FD were all within QC limits. All acid compounds were reported as not detected in sample SD14TFDE000FS and its field duplicate SD14TFDE000FD, and based on professional judgment, reporting limits in sample SD14TFDE000FS were qualified as estimated (UJ). Some compounds were subsequently rejected (R) due to low MS recoveries.

14D1167 – Surrogates associated with base-neutral compounds had recoveries that were less than the lower QC limit of 30 in samples SD14REF1700FS (11/15), SD14REF1800FS (6/22), SD14REFUS100FS (7/26), SD14TFJ200FS (6/17), SD14TFJ300FS (7/11), SD14TFJ500FS (12/19), SD14TFA200FS (22/20), SD14TFA700FS (23/22), SD14TFB700FS (10/14), SD14TFD100FS (4/16), and SD14TFF100FS (3/23), and surrogates associated with acid compounds had recoveries that were less than the lower QC limit of 30 in samples SD14REF1800FS (4/15), SD14REFUS100FS (5), SD14TFJ200FS (8), SD14TFD100FS (6), and SD14TFF100FS (3/18), which may indicate low bias. All base-neutral compounds in samples SD14REF1700FS, SD14TFJ500FS, SD14TFA200FS, SD14TFA700FS, and SD14TFB700FS were reported as not detected and reporting limits were qualified as estimated (UJ). All base-neutral compounds in samples SD14REF1800FS, SD14REFUS100FS, SD14TFJ200FS, SD14TFJ300FS, SD14TFD100FS, and SD14TFF100FS were reported as not detected and were qualified as rejected (R). All acid compounds in samples SD14REF1800FS, SD14REFUS100FS, SD14TFJ200FS, SD14TFD100FS, and SD14TFF100FS were reported as not detected and were qualified as rejected (R). Some compounds were subsequently rejected (R) due to low LCS recoveries.

14E0005 – Surrogates associated with base-neutral compounds had recoveries that were less than the lower QC limit of 30 in samples SD14TFA400FS (22/14), SD14TFB200FS (13/23), SD14TFB400FS (22/17), and SD14TFA500FS (24/19), which may indicate low bias. All base-neutral compounds in samples SD14TFA400FS, SD14TFB200FS, SD14TFB400FS, and SD14TFA500FS were reported as not

detected and reporting limits were qualified as estimated (UJ). Some compounds were subsequently rejected (R) due to low LCS and/or MS recoveries.

14E0079 – Surrogates associated with base-neutral compounds had recoveries that were less than the lower QC limit of 30 in samples SD14TFC100FS (2/15), SD14TFF500FS (12/18), and SD14TF400FS (3/10), and surrogates associated with acid compounds had recoveries that were less than the lower QC limit of 30 in samples SD14TFC100FS (2/12), SD14TFF500FS (12/20), and SD14TF400FS (4/17), which may indicate low bias. All base-neutral compounds in sample SD14TFF500FS were reported as not detected and reporting limits were qualified as estimated (UJ). All base-neutral compounds in samples SD14TFC100FS, except bis(2-ethylhexyl)phthalate, and SD14TF400FS were reported as not detected and were qualified as rejected (R). The bis(2-ethylhexyl)phthalate detection in sample SD14TFC100FS was qualified as estimated (J). All acid compounds in sample SD14TFF500FS were reported as not detected and were qualified as estimated (UJ). All acid compounds in samples SD14TFC100FS and SD14TF400FS were reported as not detected and were qualified as rejected (R). Some compounds were subsequently rejected (R) due to low LCS recoveries.

14E0166 – Surrogates associated with base-neutral compounds had recoveries that were less than the lower QC limit of 30 in samples SD14TFH500FS (9), SD14TFK500FS (5/25), and SD14TFL300FS (3/26), and surrogates associated with acid compounds had recoveries that were less than the lower QC limit of 30 in samples SD14TFH500FS (6/24), SD14TFK500FS (4/19), and SD14TFL300FS (2/11), which may indicate low bias. All compounds in samples SD14TFH500FS, SD14TFK500FS, and SD14TFL300FS, except bis(2-ethylhexyl)phthalate in sample SD14TFK500FS, were reported as not detected and reporting limits were qualified as rejected (R). The detection of bis(2-ethylhexyl)phthalate in sample SD14TFK500FS was qualified as estimated (J).

14E0237 – Surrogates associated with base-neutral compounds had recoveries that were less than the lower QC limit of 30 in samples SD14TFB300FS (9.7/28), SD14TFB500FS (9/26), SD14TFC400FS (5/29), SD14TFC500FS (6/23), and SD14TFC600FS (5/28), and surrogates associated with acid compounds had recoveries that were less than the lower QC limit of 30 in samples SD14TFB500FS (11/27), SD14TFC300FS (11/25), SD14TFC400FS (4/19), SD14TFC500FS (5/23), and SD14TFC600FS (4/18), which may indicate low bias. All base-neutral compounds in samples SD14TFB300FS, SD14TFB500FS, SD14TFC400FS, SD14TFC500FS, and SD14TFC600FS were reported as not detected and were qualified as rejected (R). All acid compounds in samples SD14TFC400FS, SD14TFC500FS, and SD14TFC600FS were reported as not detected and were qualified as rejected (R). All acid compounds in samples SD14TFB500FS and SD14TFC300FS were reported as not detected and were qualified as estimated (UJ).

LCS/LCSD

14D0945 – The LCS associated with all samples had percent recoveries less than the lower QC limit of 40 for aniline (21), bis(2-chloroethyl)ether (21), bis(2-chloroisopropyl)ether (19), hexachlorobutadiene (17), hexachlorocyclopentadiene (11), hexachloroethane (9), nitrobenzene (31), pyridine (7), and 1,2,4-trichlorobenzene (23), and percent recoveries less than the lower QC limit of 30 for 2-chlorophenol (27) and 2,4-dinitrophenol (27), which may indicate low bias. Aniline, bis(2-chloroethyl)ether, bis(2-chloroisopropyl)ether, hexachlorobutadiene, hexachlorocyclopentadiene, nitrobenzene, 1,2,4-trichlorobenzene, 2-chlorophenol, and 2,4-dinitrophenol were reported as not detected in all associated samples and reporting limits were qualified as estimated (UJ). Hexachloroethane and pyridine were reported as not detected in all associated samples and were qualified as rejected (R).

14D1010 – The LCS associated with all samples had percent recoveries less than the lower QC limit of 40 for aniline (25), bis(2-chloroethoxy)methane (31), bis(2-chloroethyl)ether (9), bis(2-chloroisopropyl)ether (6), hexachlorobutadiene (6), hexachlorocyclopentadiene (0), hexachloroethane (0), isophorone (38), 1-methylnaphthalene (37), 2-methylnaphthalene (35), nitrobenzene (18), N-nitroso-di-n-propylamine (23), pyridine (0), and 1,2,4-trichlorobenzene (11), and percent recoveries less than the lower QC limit of 30 for 2-chlorophenol (14), 2-methylphenol (29), 2,4-dinitrophenol (26), and 2-nitrophenol (21), which may indicate low bias. Aniline, bis(2-chloroethoxy)methane, isophorone, 1-methylnaphthalene, 2-methylnaphthalene, nitrobenzene, N-nitroso-di-n-propylamine, 1,2,4-trichlorobenzene, 2-chlorophenol, 2-methylphenol, 2,4-dinitrophenol, and 2-nitrophenol were reported as not detected in all associated samples and reporting limits were qualified as estimated (UJ). Bis(2-chloroethyl)ether, bis(2-chloroisopropyl)ether, hexachlorobutadiene, hexachlorocyclopentadiene, hexachloroethane, and pyridine were reported as not detected in all associated samples and were qualified as rejected (R). Some compounds were subsequently rejected (R) due to low MS and/or surrogate recoveries.

14D1046 – The LCS associated with all samples had percent recoveries less than the lower QC limit of 40 for aniline (31), bis(2-chloroisopropyl)ether (29), hexachlorobutadiene (21), hexachlorocyclopentadiene (24), hexachloroethane (15), pyridine (9), and 1,2,4-trichlorobenzene (26), which may indicate low bias, and a percent recovery greater than the upper QC limit of 140 for bis(2-ethylhexyl)phthalate (166), which may indicate high bias. Aniline, bis(2-chloroisopropyl)ether, hexachlorobutadiene, hexachlorocyclopentadiene, hexachloroethane, and 1,2,4-trichlorobenzene, were reported as not detected in all associated samples and reporting limits were qualified as estimated (UJ). Detections of bis(2-ethylhexyl)phthalate in samples SD14TFDE000FS and SD14TFDE000FD were qualified as estimated (J). Pyridine was reported as not detected in all associated samples and was qualified as rejected (R). Some compounds were subsequently rejected (R) due to low MS and/or surrogate recoveries.

14D1130 – The LCS associated with all samples had percent recoveries less than the lower QC limit of 40 for aniline (18), bis(2-chloroethyl)ether (18), bis(2-chloroisopropyl)ether (14), hexachlorobutadiene (14), hexachlorocyclopentadiene (0), hexachloroethane (7), nitrobenzene (28), N-nitroso-di-n-propylamine (31), pyridine (5), and 1,2,4-trichlorobenzene (20), and a percent recovery less than the lower QC limit of 30 for 2-chlorophenol (25), which may indicate low bias. Aniline, bis(2-chloroethyl)ether, bis(2-chloroisopropyl)ether, hexachlorobutadiene, nitrobenzene, N-nitroso-di-n-propylamine, and 1,2,4-trichlorobenzene were reported as not detected in all associated samples and reporting limits were qualified as estimated (UJ). Hexachlorocyclopentadiene, hexachloroethane, and pyridine were reported as not detected in all associated samples and was qualified as rejected (R).

14D1167 – The LCS associated with all samples had percent recoveries less than the lower QC limit of 40 for aniline (36), bis(2-chloroethyl)ether (36), bis(2-chloroisopropyl)ether (39), hexachlorobutadiene (29), hexachlorocyclopentadiene (24), hexachloroethane (19), 4-nitroaniline (0), pyridine (10), and 1,2,4-trichlorobenzene (33), which may indicate low bias, and a percent recovery greater than the QC limit of 140 for bis(2-ethylhexyl)phthalate (180), which may indicate high bias. Aniline, bis(2-chloroethyl)ether, bis(2-chloroisopropyl)ether, hexachlorobutadiene, hexachlorocyclopentadiene, hexachloroethane, 4- and 1,2,4-trichlorobenzene were reported as not detected in all associated samples and reporting limits were qualified as estimated (UJ). 4-Nitroaniline and pyridine were reported as not detected in all associated samples and were qualified as rejected (R). The detection of bis(2-ethylhexyl)phthalate in sample SD14TFG300FS was qualified as estimated (J). Some compounds were subsequently rejected (R) due to low MS and/or surrogate recoveries.

14E0005 – The LCS associated with all samples had percent recoveries less than the lower QC limit of 40 for aniline (21), bis(2-chloroethyl)ether (21), bis(2-chloroisopropyl)ether (19), hexachlorobutadiene (17), hexachlorocyclopentadiene (11), hexachloroethane (9), nitrobenzene (31), pyridine (7), and 1,2,4-trichlorobenzene (23), and percent recoveries less than the lower QC limit of 30 for 2-chlorophenol (27) and 2,4-dinitrophenol (27), which may indicate low bias. Aniline, bis(2-chloroethyl)ether, bis(2-chloroisopropyl)ether, hexachlorobutadiene, hexachlorocyclopentadiene, nitrobenzene, 1,2,4-trichlorobenzene (23), 2-chlorophenol (27), and 2,4-dinitrophenol (27), were reported as not detected in all associated samples and reporting limits were qualified as estimated (UJ). Hexachloroethane and pyridine were reported as not detected in all associated samples and were qualified as rejected (R). Some compounds were subsequently rejected (R) due to low MS recoveries and/or low percent solids.

14E0079 – The LCS associated with all samples had percent recoveries less than the lower QC limit of 40 for aniline (25), bis(2-chloroethoxy)methane (31), bis(2-chloroethyl)ether (9), bis(2-chloroisopropyl)ether (6), hexachlorobutadiene (6), hexachlorocyclopentadiene (0), hexachloroethane (0), isophorone (38), 1-methylnaphthalene (37), 2-methylnaphthalene (35), nitrobenzene (18), N-nitroso-di-n-propylamine (23), pyridine (0), and 1,2,4-trichlorobenzene (11), and percent recoveries less than the lower QC limit of 30 for 2-chlorophenol (14), 2-methylphenol (29), 2,4-dinitrophenol (26), and 2-nitrophenol (21), which may indicate low bias. Aniline, bis(2-chloroethoxy)methane, isophorone, 1-methylnaphthalene, 2-methylnaphthalene, nitrobenzene, N-nitroso-di-n-propylamine, 1,2,4-trichlorobenzene, 2-chlorophenol, 2-methylphenol, 2,4-dinitrophenol, and 2-nitrophenol were reported as not detected in all associated samples and reporting limits were qualified as estimated (UJ). Bis(2-chloroethyl)ether, bis(2-chloroisopropyl)ether, hexachlorobutadiene, hexachlorocyclopentadiene, hexachloroethane, and pyridine were reported as not detected in all associated samples and were qualified as rejected (R). Some compounds were subsequently rejected (R) due to low surrogate recoveries.

14E0105 – The LCS associated with all samples had percent recoveries less than the lower QC limit of 40 for hexachlorocyclopentadiene (14) and pyridine (17), which may indicate low bias. Hexachlorocyclopentadiene and pyridine were reported as not detected in all associated samples and reporting limits were qualified as estimated (UJ).

14E0166 – The LCS associated with all samples had percent recoveries less than the lower QC limit of 40 for aniline (18), bis(2-chloroethyl)ether (18), bis(2-chloroisopropyl)ether (14), hexachlorobutadiene (14), hexachlorocyclopentadiene (0), hexachloroethane (7), nitrobenzene (28), N-nitroso-di-n-propylamine (31), pyridine (5), and 1,2,4-trichlorobenzene (20), and a percent recovery less than the lower QC limit of 30 for 2-chlorophenol (25), which may indicate low bias. Aniline, bis(2-chloroethyl)ether, bis(2-chloroisopropyl)ether, hexachlorobutadiene, nitrobenzene, N-nitroso-di-n-propylamine, and 1,2,4-trichlorobenzene were reported as not detected in all associated samples and reporting limits were qualified as estimated (UJ). Hexachlorocyclopentadiene, hexachloroethane, and pyridine were reported as not detected in all associated samples and was qualified as rejected (R). Some compounds were subsequently rejected (R) due to low surrogate recoveries.

14E0237 – The LCS associated with all samples had percent recoveries less than the lower QC limit of 40 for aniline (18), bis(2-chloroethyl)ether (18), bis(2-chloroisopropyl)ether (14), hexachlorobutadiene (14), hexachlorocyclopentadiene (0), hexachloroethane (7), nitrobenzene (28), N-nitroso-di-n-propylamine (31), pyridine (5), and 1,2,4-trichlorobenzene (20), and a percent recovery less than the lower QC limit of 30 for 2-chlorophenol (25), which may indicate low bias. Aniline, bis(2-chloroethyl)ether, bis(2-chloroisopropyl)ether, hexachlorobutadiene, nitrobenzene, N-nitroso-di-n-propylamine, and 1,2,4-trichlorobenzene were reported as not detected in all associated samples and reporting limits were qualified as estimated (UJ). Hexachlorocyclopentadiene, hexachloroethane, and

pyridine were reported as not detected in all associated samples and was qualified as rejected (R). Some compounds were subsequently rejected (R) due to low surrogate recoveries.

MS/MSD

14D1010 – The MS/MSD associated with sample SD14TFK200FS had several percent recoveries less than the lower QC limit of 40 for base-neutral compounds and 30 for acid compounds (ranging from 0-39), which may indicate low bias. All compounds in sample SD14TFK200FS were reported as not detected. Compounds reported as not detected in sample SD14TFK200FS with percent recoveries less than 10 were qualified as rejected (R). Compounds reported as not detected in sample SD14TFK200FS with percent recoveries greater than 10 but less than the QC limits had the reporting limits qualified as estimated (UJ). All compounds were subsequently rejected (R) in sample SD14TFK200FS due to low surrogate recoveries.

14D1046 – The MS/MSD associated with sample SD14OF80200FS and its field duplicate SD14OF80200FD had several percent recoveries less than the lower QC limit of 40 for base-neutral compounds and 30 for acid compounds (ranging from 0-39), which may indicate low bias, and a RPD greater than the QC limit of 30 for 2,6-dinitrotoluene (33). All compounds in samples SD14OF80200FS and SD14OF80200FD were reported as not detected. Compounds reported as not detected in samples SD14OF80200FS and SD14OF80200FD with percent recoveries less than 10 were qualified as rejected (R). Compounds reported as not detected in samples SD14OF80200FS and SD14OF80200FD with percent recoveries greater than 10 but less than the QC limits had the reporting limits qualified as estimated (UJ). 2,6-Dinitrotoluene was reported as not detected in samples SD14OF80200FS and SD14OF80200FD and reporting limits were qualified as estimated (UJ).

14D1046 – The MS/MSD associated with sample SD14TFDE000FS and its field duplicate SD14TFDE000FD had several percent recoveries less than the lower QC limit of 40 for base-neutral compounds and 30 for acid compounds (ranging from 0-39), which may indicate low bias. All compounds in samples SD14TFDE000FS and SD14TFDE000FD were reported as not detected. Compounds reported as not detected in samples SD14TFDE000FS and SD14TFDE000FD with percent recoveries less than 10 were qualified as rejected (R). Compounds reported as not detected in samples SD14TFDE000FS and SD14TFDE000FD with percent recoveries greater than 10 but less than the QC limits had the reporting limits qualified as estimated (UJ).

14D1046 – The MS/MSD associated with sample SD14TFB100FS and its field duplicate SD14TFB100FD had several percent recoveries less than the lower QC limit of 40 for base-neutral compounds and 30 for acid compounds (ranging from 0-39), which may indicate low bias. All compounds in samples SD14TFB100FS and SD14TFB100FD were reported as not detected. Compounds reported as not detected in samples SD14TFB100FS and SD14TFB100FD with percent recoveries less than 10 were qualified as rejected (R). Compounds reported as not detected in samples SD14TFB100FS and SD14TFB100FD with percent recoveries greater than 10 but less than the QC limits had the reporting limits qualified as estimated (UJ).

14D1130 – The MS/MSD associated with sample SD14TFA100FS had several percent recoveries less than the lower QC limit of 40 for base-neutral compounds and 30 for acid compounds (ranging from 0-39), which may indicate low bias and some RPDs greater than the QC limit of 30. All compounds in sample SD14TFA100FS were reported as not detected. Compounds reported as not detected in sample SD14TFA100FS with percent recoveries less than 10 were qualified as rejected (R). Compounds reported as not detected in sample SD14TFA100FS with percent recoveries greater than 10 but less than the QC limits had the reporting limits qualified as estimated (UJ). Compounds reported as not

detected in sample SD14TFA100FS with RPDs greater than 30 had the reporting limits qualified as estimated (UJ).

14D1167 – The MS/MSD associated with sample SD14REF0500FS and its field duplicate SD14REF0500FD had several percent recoveries less than the lower QC limit of 40 for base-neutral compounds and 30 for acid compounds (ranging from 0-39), which may indicate low bias. All compounds in samples SD14REF0500FS and SD14REF0500FD were reported as not detected. Compounds reported as not detected in samples SD14REF0500FS and SD14REF0500FD with percent recoveries less than 10 were qualified as rejected (R). Compounds reported as not detected in samples SD14REF0500FS and SD14REF0500FD with percent recoveries greater than 10 but less than the QC limits had the reporting limits qualified as estimated (UJ). Some compounds were subsequently rejected (R) due to low LCS recoveries.

14E0005 – The MS/MSD associated with sample SD14TFA0500FS and its field duplicate SD14TFA0500FD had several percent recoveries less than the lower QC limit of 40 for base-neutral compounds and 30 for acid compounds (ranging from 0-39), which may indicate low bias, and a RPD greater than the QC limit of 30 for dibenzofuran (47) and 2,4-dimethylphenol (47). All compounds in samples SD14TFA0500FS and SD14TFA0500FD were reported as not detected. Compounds reported as not detected in samples SD14TFA0500FS and SD14TFA0500FD with percent recoveries less than 10 were qualified as rejected (R). Compounds reported as not detected in samples SD14TFA0500FS and SD14TFA0500FD with percent recoveries greater than 10 but less than the QC limits had the reporting limits qualified as estimated (UJ). Compounds reported as not detected in sample SD14TFA0500FS and SD14TFA0500FD with RPDs greater than 30 had the reporting limits qualified as estimated (UJ).

Data Package Narrative Review

14D0945 – The case narrative noted that the continuing calibration associated with all samples had a percent difference of 44 for hexachlorocyclopentadiene.

14D1010 – The case narrative noted that the continuing calibration associated with all samples analyzed at 1X had percent differences of -38 for aniline and -41 for 4-chloroaniline.

14D1010 – The case narrative noted that the continuing calibration associated with all samples analyzed at 4X had percent differences of -36 for 4-chloroaniline and 53 for hexachlorocyclopentadiene.

14D1046 – The case narrative noted that the continuing calibration associated with all samples analyzed at 4X had percent differences of 48 for 2,4-dinitrophenol and 98 for 4-nitroaniline.

14D1046 – The case narrative noted that the continuing calibration associated with all samples analyzed at 10X had percent differences of 58 for N-nitrosodimethylamine, 59 for pyridine, -33 for 4-chloroaniline, 52 for hexachlorocyclopentadiene, and -35 for pentachloronitrobenzene.

14D1130 – The case narrative noted that the continuing calibration associated with all samples had a percent difference of 64 for hexachlorocyclopentadiene.

14D1167 – The case narrative noted that the continuing calibration associated with all samples analyzed at 1X had percent differences of 41 for aniline and -41 for hexachlorocyclopentadiene.

14D1167 – The case narrative noted that the continuing calibration associated with a subset of samples analyzed at 4X had percent differences of -31 for pentachloronitrobenzene and -42 for 3,3'-dichlorobenzidine.

14D1167 – The case narrative noted that the continuing calibration associated with a subset of samples analyzed at 4X had percent differences of 47 for 2-methylphenol, -31 for N-nitroso-di-n-propylamine, 35 for hexachlorocyclopentadiene, 33 for 2,4-dinitrophenol, -47 for pentachloronitrobenzene, and -35 for 3,3'-dichlorobenzidine.

14E0005 – The case narrative noted that the continuing calibration associated with a subset of samples analyzed at 4X had a percent difference of 55 for hexachlorocyclopentadiene.

14E0005 – The case narrative noted that the continuing calibration associated with a subset of samples analyzed at 1X and 4X had percent differences of 60 for hexachlorocyclopentadiene and 39 for 2,4-dinitrophenol.

14E0079 – The case narrative noted that the continuing calibration associated with all samples analyzed at 1X had percent differences of -38 for aniline and -41 for 4-chloroaniline.

14E0079 – The case narrative noted that the continuing calibration associated with all samples analyzed at 4X had percent differences of -36 for 4-chloroaniline and 53 for hexachlorocyclopentadiene.

14E0105 – The case narrative noted that the continuing calibration associated with all samples analyzed at 1X had percent differences of 51 for 2-methylphenol, -32 for 4-chloroaniline, 85 for 2,4-dinitrophenol, and 54 for 4,6-dinitro-2-methylphenol.

14E0105 – The case narrative noted that the continuing calibration associated with all samples analyzed at 4X had percent differences of -63 for hexachlorocyclopentadiene and 31 for pentachlorophenol.

14E0166 – The case narrative noted that the continuing calibration associated with a subset of samples analyzed at 1X and 4X had a percent difference of 64 for hexachlorocyclopentadiene.

14E0237 – The case narrative noted that the continuing calibration associated with all samples had percent differences of -140 for 2,4-dinitrophenol, -46 for 4,6-dinitro-2-methylphenol, and 100 for pentachloronitrobenzene.

3.0 PAHs

Sample Collection and Preservation

14E0005 – The percent solids was less than 30 in sample SD14TFZA4500FS (27). PAHs reported as not detected in sample SD14TFZA4500FS were qualified as rejected (R). PAH detections in sample SD14TFZA4500FS were qualified estimated (J).

Data Completeness

14F1203 – Due to a laboratory error, PAH samples SD14TFK401FS and SD14TFK401FS were not analyzed.

Field Duplicate

14D1046 – RPDs between sample SD14TFDE000FS and its field duplicate SD14TFDE000FD were greater than the QC limit of 50 for acenaphthene (70), benzo(a)anthracene (62), dibenz(a,h)anthracene (52), fluorene (70), and indeno(1,2,3-cd)pyrene (52). Results for acenaphthene, benzo(a)anthracene, dibenz(a,h)anthracene, fluorene, and indeno(1,2,3-cd)pyrene in samples SD14TFDE000FS and SD14TFDE000FD were qualified as estimated (J).

14D1046 – RPDs between sample SD14TFB100FS and its field duplicate SD14TFB100FD were greater than the QC limit of 50 for anthracene (58), benzo(a)pyrene (50.3), benzo(b)fluoranthene (62), benzo(g,h,i)perylene (73), dibenz(a,h)anthracene (200), and indeno(1,2,3-cd)pyrene (66). Results for anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene in samples SD14TFB100FS and SD14TFB100FD were qualified as estimated (J/UJ).

14D1167 – RPDs between sample SD14REF0500FS and its field duplicate SD14REF0500FD were greater than the QC limit of 50 for acenaphthylene (200), anthracene (130), dibenz(a,h)anthracene (200), and phenanthrene (67). Results for acenaphthylene, anthracene, dibenz(a,h)anthracene, and phenanthrene in samples SD14REF0500FS and SD14REF0500FD were qualified as estimated (J/UJ).

14E0005 – RPDs between sample SD14TFA500FS and its field duplicate SD14TFA500FD were greater than the QC limit of 50 for benzo(a)anthracene (200), benzo(a)pyrene (52), benzo(b)fluoranthene (200), benzo(g,h,i)perylene (200), fluoranthene (51), indeno(1,2,3-cd)pyrene (200), and phenanthrene (200). Results for benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, fluoranthene, indeno(1,2,3-cd)pyrene, and phenanthrene in samples SD14TFA500FS and SD14TFA500FD were qualified as estimated (J/UJ).

LCS/LCSD

14D0945 – The LCS/LCSD associated with all samples had percent recoveries less than the lower QC limit of 40 for acenaphthene (36/29), acenaphthylene (38), and naphthalene (0/0), which may indicate low bias. Acenaphthene and acenaphthylene were reported as not detected in all associated samples and reporting limits were qualified as estimated (UJ). Naphthalene was reported as not detected in all associated samples and was qualified as rejected (R).

14D1010 – The LCS/LCSD associated with all samples had percent recoveries less than the lower QC limit of 40 for acenaphthene (0/0), acenaphthylene (0/0), fluorene (35/32), and naphthalene (0/0), which may indicate low bias, and a RPD greater than the laboratory QC limit of 30 for benzo(b)fluoranthene (47). Fluorene was reported as not detected in all associated samples, except sample SD14OF81000FS, and reporting limits were qualified as estimated (UJ). Acenaphthene, acenaphthylene, and naphthalene were reported as not detected in all associated samples, except sample SD14OF81000FS, and were qualified as rejected (R). Detections of acenaphthene, acenaphthylene, fluorene, and naphthalene in sample SD14OF81000FS were qualified as estimated (J). Results for benzo(b)fluoranthene were qualified as estimated (J/UJ).

14D1046 – The LCS/LCSD associated with all samples had percent recoveries less than the lower QC limit of 40 for acenaphthene (34), acenaphthylene (30), and naphthalene (31), which may indicate low bias, and a RPD greater than the laboratory QC limit of 30 for acenaphthene (32). Results for acenaphthene, acenaphthylene, and naphthalene were qualified as estimated (J/UJ).

14D1130 – The LCS/LCSD associated with all samples had percent recoveries less than the lower QC limit of 40 for acenaphthene (31) and naphthalene (26/0), which may indicate low bias, and RPDs greater than the laboratory QC limit of 30 for acenaphthene (32) and acenaphthylene (37). Results for acenaphthene and acenaphthylene were qualified as estimated (J/UJ). Naphthalene was reported as not detected in all associated samples and was qualified as rejected (R).

14D1167 – The LCS/LCSD associated with all samples had a RPD greater than the laboratory QC limit of 30 for benzo(b)fluoranthene (40). Detections of benzo(b)fluoranthene in all samples were qualified as estimated (J).

14E0005 – The LCS/LCSD associated with all samples had percent recoveries less than the lower QC limit of 40 for acenaphthene (36/29), acenaphthylene (38) and naphthalene (0/0), which may indicate low bias. Results for acenaphthene and acenaphthylene were qualified as estimated (J/UJ). Naphthalene was reported as not detected in all associated samples, except sample SD14TFA300FS, and was qualified as rejected (R). The naphthalene detection in sample SD14TFA300FS was qualified as estimated (J).

14E0079 – The LCS/LCSD associated with all samples had percent recoveries less than the lower QC limit of 40 for acenaphthene (0/0), acenaphthylene (0/0), fluorene (35/32), and naphthalene (0/0), which may indicate low bias, and a RPD greater than the laboratory QC limit of 30 for benzo(b)fluoranthene (47). Fluorene was reported as not detected in all associated samples and reporting limits were qualified as estimated (UJ). Acenaphthene and naphthalene were reported as not detected in all associated samples and were qualified as rejected (R). Acenaphthylene was reported as not detected in all associated samples, except SD14TFE400FS and SD14TFJ400FS, and was qualified as rejected (R). Detections of acenaphthylene in samples SD14TFE400FS and SD14TFJ400FS were qualified as estimated (J). Benzo(b)fluoranthene results in samples were qualified as estimated (J/UJ).

14E0166 – The LCS/LCSD associated with all samples had percent recoveries less than the lower QC limit of 40 for acenaphthene (31) and naphthalene (26/0), which may indicate low bias, and RPDs greater than the laboratory QC limit of 30 for acenaphthene (32) and acenaphthylene (37). Results for acenaphthene and acenaphthylene were qualified as estimated (J/UJ). Naphthalene was reported as not detected in samples SD14TFG500FS, SD14TFK500FS, SD14TFL300FS, and SD14TFL500FS and was qualified as rejected (R). Naphthalene detections in samples SD14TFE600FS, SD14TFF600FS, and SD14TFH500FS were qualified as estimated (J).

14E0237 – The LCS/LCSD associated with all samples had percent recoveries less than the lower QC limit of 40 for acenaphthene (31) and naphthalene (26/0), which may indicate low bias, and RPDs greater than the laboratory QC limit of 30 for acenaphthene (32) and acenaphthylene (37). Results for acenaphthene and acenaphthylene were qualified as estimated (J/UJ). Naphthalene was reported as not detected in all samples and was qualified as rejected (R).

Data Package Narrative Review

14D0945 – The case narrative noted that the continuing calibration associated with all samples had a percent difference of 32 for pentachlorophenol.

14D1130 – The case narrative noted that the continuing calibration associated with all samples had a percent difference of 80 for pentachlorophenol.

14D1167 – The case narrative noted that the continuing calibration associated with a subset of samples had a percent difference of 32 for pentachlorophenol.

14E0237 – The case narrative noted that the continuing calibration associated with all samples had a percent difference of 79 for pentachlorophenol.

4.0 PCBs

Sample Collection and Preservation

14E0005 – The percent solids was less than 30 in sample SD14TFZA4500FS (27). All PCBs in sample SD14TFZA4500FS were reported as not detected and were qualified as rejected (R).

Surrogate Recoveries

14D0945 – Surrogate recoveries were less than the lower QC limit of 30 in samples SD14OF81400FS (21/12), SD14OF81900FS (18), and SD14OF81300FS (29), which may indicate low bias. All aroclors in samples SD14OF81400FS, SD14OF81900FS, and SD14OF81300FS were reported as not detected, with the exception of aroclor 1268 in sample SD14OF81300FS, and reporting limits were qualified as estimated (UJ). The detection of aroclor 1268 in sample SD14OF81300FS was qualified as estimated (J).

14D1010 – Surrogate recoveries were less than the lower QC limit of 30 in samples SD14OF80800FS (27/27) and SD14OF80100FS (27), which may indicate low bias. All aroclors in samples SD14OF80800FS and SD14OF80100FS were reported as not detected, with the exception of aroclor 1260 in sample SD14OF80800FS, and reporting limits were qualified as estimated (UJ). The detection of aroclor 1260 in sample SD14OF80800FS was qualified as estimated (J).

14D1046 – Surrogate recoveries were less than the lower QC limit of 30 in samples SD14OF81800FS (29) and SD14TFB100FS (24), which may indicate low bias. All aroclors in samples SD14OF81800FS and SD14TFB100FS were reported as not detected and reporting limits were qualified as estimated (UJ).

14D1167 – Surrogate recoveries were less than the lower QC limit of 30 in samples SD14REF0200FS (25), SD14REF0300FS (27), SD14REF1700FS (20), SD14REF1800FS (19), SD14REFUS100FS (21), SD14TFJ200FS (25), SD14TFJ300FS (20), SD14TFA200FS (29), SD14TFA700FS (26), and SD14TFB700FS (18), which may indicate low bias. All aroclors in samples SD14REF0200FS, SD14REF0300FS, SD14REF1700FS, SD14REF1800FS, SD14REFUS100FS, SD14TFJ200FS, SD14TFJ300FS, SD14TFA200FS, SD14TFA700FS, and SD14TFB700FS, with the exception of aroclor 1016 in samples SD14REF1800FS and SD14REFUS100FS, and aroclor 1262 in sample SD14TFJ200FS, were reported as not detected and reporting limits were qualified as estimated (UJ). The detection of aroclor 1016 in samples SD14REF1800FS and SD14REFUS100FS, and the detection of aroclor 1262 in sample SD14TFJ200FS were qualified as estimated (J).

14E0005 – A surrogate recovery was less than the lower QC limit of 30 in sample SD14TFA300FS (28), which may indicate low bias. All aroclors in sample SD14TFA300FS were reported as not detected and reporting limits were qualified as estimated (UJ).

14E0166 – A surrogate recovery was less than the lower QC limit of 30 in samples SD14REF1100FS (26), SD14REF2300FS (23), SD14TFG500FS (24), and SD14TFL500FS (23), which may indicate low bias. All aroclors in samples SD14REF1100FS, SD14REF2300FS, SD14TFG500FS, except aroclor-

1260, and SD14TFL500FS were reported as not detected and reporting limits were qualified as estimated (UJ). The detection of aroclor 1260 in sample SD14TFG500FS was qualified as estimated (J).

Field Duplicate

14D1046 – RPDs between sample SD14TFDE000FS and its field duplicate SD14TFDE000FD were greater than the QC limit of 50 for aroclor 1248 (120) and aroclor 1260 (100). Results for aroclor 1248 and aroclor 1260 in samples SD14TFDE000FS and SD14TFDE000FD were qualified as estimated (J).

MS/MSD

14D0945 – The MS/MSD associated with sample SD14OF81400FS had percent recoveries less than the lower QC limit of 40 for aroclor 1016 (39/28) and aroclor 1260 (32), which may indicate low bias. All aroclors in sample SD14OF81400FS were reported as not detected and reporting limits were qualified as estimated (UJ).

14D1167 – The MS/MSD associated with sample SD14TFF100FS had percent recoveries less than the lower QC limit of 40 for aroclor 1260 (39.6/39), which may indicate low bias. All aroclors in sample SD14TFF100FS were qualified as estimated (J/UJ).

14E0105 – The MS/MSD associated with sample SD14TFD300FS had percent recoveries less than the lower QC limit of 40 for aroclor 1016 (37/35) and aroclor 1260 (35/35), which may indicate low bias. All aroclors in sample SD14TFD300FS were reported as not detected and reporting limits were qualified as estimated (UJ).

14E0166 – The MSD associated with sample SD14TFL500FS had a percent recovery less than the lower QC limit of 40 for aroclor 1260 (39.7), which may indicate low bias. All aroclors in sample SD14TFL500FS were reported as not detected and reporting limits were qualified as estimated (UJ).

5.0 PCB Homologs

Sample Collection and Preservation

14E0005 – The percent solids was less than 30 in sample SD14TFZA4500FS (27). All PCB homologs in sample SD14TFZA4500FS were reported as not detected and were qualified as rejected (R).

Surrogate Recoveries

14E0005 – A surrogate associated with homologs mono through nona had a recovery that was less than the lower laboratory QC limit of 12 in sample SD14TFB200FS (11), which may indicate low bias. Homologs mono through nona were reported as not detected in sample SD14TFB200FS and reporting limits were qualified as estimated (UJ).

Field Duplicate

14D1046 – The RPD between sample SD14TFDE000FS and its field duplicate SD14TFDE000FD was greater than the QC limit of 50 for dichlorobiphenyls (160). Results for dichlorobiphenyls in samples SD14TFDE000FS and SD14TFDE000FD were qualified as estimated (J).

14D1046 – RPDs between sample SD14OF80200FS and its field duplicate SD14OF80200FD were greater than the QC limit of 50 for pentachlorobiphenyls (71) and heptachlorobiphenyls (84). Results for pentachlorobiphenyls and heptachlorobiphenyls in samples SD14OF80200FS and SD14OF80200FD were qualified as estimated (J).

MS/MSD

14D1046 – The MS/MSD associated with sample SD14TFB100FS and its field duplicate SD14TFB100FD had a RPD greater than the laboratory QC limit of 35 for decachlorobiphenyl (43). Decachlorobiphenyl was reported as not detected in samples SD14TFB100FS and SD14TFB100FD and reporting limits were qualified as estimated (UJ).

14D1130 – The MS/MSD associated with sample SD14TFG400FS did not report percent recoveries for pentachlorobiphenyls and octachlorobiphenyls. The laboratory MS/MSD percent recovery QC limits are 0-200. Pentachlorobiphenyls and octachlorobiphenyls were reported as not detected in sample SD14TFG400FS, and based on professional judgment, reporting limits were qualified as estimated (UJ).

14D1167 – The MS/MSD associated with sample SD14REF0500FS and its field duplicate SD14REF0500FD did not report percent recoveries for pentachlorobiphenyls and octachlorobiphenyls. The laboratory MS/MSD percent recovery QC limits are 0-200. Pentachlorobiphenyls and octachlorobiphenyls were reported as not detected in samples SD14REF0500FS and SD14REF0500FD, and based on professional judgment, reporting limits were qualified as estimated (UJ).

14E0005 – The MS/MSD associated with sample SD14TFA500FS and its field duplicate SD14TFA500FD did not report percent recoveries for pentachlorobiphenyls, heptachlorobiphenyls, and octachlorobiphenyls. The laboratory MS/MSD percent recovery QC limits are 0-200. Pentachlorobiphenyls, heptachlorobiphenyls, and octachlorobiphenyls were reported as not detected in samples SD14TFA500FS and SD14TFA500FD, and based on professional judgment, reporting limits were qualified as estimated (UJ).

6.0 METALS

Sample Collection and Preservation

14E0005 – The percent solids was less than 30 in sample SD14TFZA4500FS (27). Metals reported as not detected in sample SD14TFZA4500FS were qualified as rejected (R). Metal detections in sample SD14TFZA4500FS were qualified estimated (J).

Data Completeness

14F1203 – Due to a laboratory error, the holding time for mercury was grossly exceeded for samples SD14TFK401FS and SD14TFK401FS. Mercury results were not provided in the laboratory data package but were provided in the laboratory EDD.

Holding Times

14F1203 – Due to a laboratory error, the holding time for mercury was grossly exceeded for samples SD14TFK401FS and SD14TFK401FS. Mercury results (provided in the lab EDD only) were reported as not detected and were qualified as rejected (R).

LCS/LCSD

14D0945 – The LCS associated with all samples had a percent recovery greater than the upper QC limit of 120 for antimony (144), which may indicate high bias. The antimony detection in associated sample SD14OF81600FS was qualified as estimated (J).

14D1010 – The LCS associated with all samples had a percent recovery greater than the upper QC limit of 120 for antimony (142), which may indicate high bias. The antimony detection in associated sample SD14OF81200FS was qualified as estimated (J).

14D1130 – The LCS associated with all samples had a percent recovery greater than the upper QC limit of 120 for antimony (144), which may indicate high bias. The antimony detection in associated sample SD14TFG400FS was qualified as estimated (J).

14D1167 – The LCS associated with all samples had a percent recovery greater than the upper QC limit of 120 for antimony (141), which may indicate high bias. The antimony detection in associated sample SD14REF0500FD was qualified as estimated (J).

14E0005 – The LCS associated with all samples had a percent recovery greater than the upper QC limit of 120 for antimony (144), which may indicate high bias. The antimony detection in associated sample SD14TFA500FD was qualified as estimated (J).

7.0 TOC

Sample Collection and Preservation

14E0005 – The percent solids was less than 30 in sample SD14TFZA4500FS (27). The TOC detection in sample SD14TFZA4500FS was qualified as estimated (J).

Data Completeness

14F1203 – Due to a laboratory error, TOC samples SD14TFK401FS and SD14TFK401FS were not analyzed.

8.0 Total Cyanide

Sample Collection and Preservation

14E0005 – The percent solids was less than 30 in sample SD14TFZA4500FS (27). Total cyanide was reported as not detected in sample SD14TFZA4500FS and was qualified as rejected (R).

Data Completeness

14F1203 – Due to a laboratory error, total cyanide samples SD14TFK401FS and SD14TFK401FS were not analyzed.

Holding Times

14D1167 – Samples SD14REF0500FS, SD14REF0500FD, SD14REF0200FS, SD14REF0300FS, SD14REF1700FS, SD14REF1800FS, SD14REFUS100FS, SD14REFUS200FS, SD14TFJ200FS,

SD14TFJ300FS, and SD14TFJ500FS were analyzed 4 to 5 days outside the method holding time. Total cyanide results in these samples were qualified as estimated (J/UJ).

MS/MSD

14D1046 – The MS associated with sample SD14TFDE000FS and its field duplicate SD14TFDE000FD had a percent recovery less than the lower QC limit of 75 for total cyanide (54), which may indicate low bias. Two other MS samples were analyzed in this SDG with acceptable recoveries. Based on professional judgment, total cyanide results in samples SD14TFDE000FS and SD14TFDE000FD only were qualified as estimated (J/UJ).

References:

U.S. Environmental Protection Agency (USEPA), 1996a. "Test Methods for Evaluating Solid Waste"; Laboratory Manual Physical/Chemical Methods; Office of Solid Waste and Emergency Response; Washington, DC; SW-846; November 1986; Revision 4 -December 1996.

U.S. Environmental Protection Agency (USEPA), 1996b. "Region 1 EPA-NE Data Validation Guidelines For Evaluating Environmental Analyses"; Quality Assurance Unit Staff; Office of Environmental Measurement and Evaluation; December 1996.

State of Connecticut Department of Energy and Environmental Protection, 2010a. "Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocols Guidance Document" November, 2007, Revised December 2010.

State of Connecticut Department of Energy and Environmental Protection, 2010b. "Laboratory Quality Assurance and Quality Control Data Quality Assessment and Data Usability Evaluation Guidance Document" May, 2009, Revised December 2010.

Data Validator: Bradley B. LaForest, NRCC-EAC

July 29, 2014



Senior Reviewer: Julie Ricardi

July 31, 2014




Table 1
Sample Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

Lab Sample ID	Location	Sample ID	Sample Date	Media	QC Code	SW8270D SVOCs	SW8270 SIM PAHs	SW8082A PCBs	E680 PCB Homologs	SW6020A Metals	SW7471B Mercury	SW9014/9010C Cyanide	LYDKHN TOC
14D0852-01	SD2014-REF-08	SD14REF0800FS	4/18/2014	SED	FS				10				
14D0945-07	SD2014-OF8-17	SD14OF81700FS	4/23/2014	SED	FS	50	16	10	10	12	1	1	1
14D0945-08	SD2014-OF8-16	SD14OF81600FS	4/23/2014	SED	FS	50	16	10	10	12	1	1	1
14D0945-09	SD2014-OF8-15	SD14OF81500FS	4/23/2014	SED	FS	50	16	10	10	12	1	1	1
14D0945-10	SD2014-OF8-14	SD14OF81400FS	4/23/2014	SED	FS	50	16	10	10	12	1	1	1
14D0945-11	SD2014-OF8-19	SD14OF81900FS	4/23/2014	SED	FS	50	16	10	10	12	1	1	1
14D0945-12	SD2014-OF8-13	SD14OF81300FS	4/23/2014	SED	FS	50	16	10	10	12	1	1	1
14D1010-04	SD2014-TF-K2	SD14TFK200FS	4/24/2014	SED	FS	50	16	10	10	12	1	1	1
14D1010-05	SD2014-OF8-12	SD14OF81200FS	4/24/2014	SED	FS	50	16	10	10	12	1	1	1
14D1010-06	SD2014-OF8-11	SD14OF81100FS	4/24/2014	SED	FS	50	16	10	10	12	1	1	1
14D1010-07	SD2014-OF8-10	SD14OF81000FS	4/24/2014	SED	FS	50	16	10	10	12	1	1	1
14D1010-08	SD2014-OF8-08	SD14OF80800FS	4/24/2014	SED	FS	50	16	10	10	12	1	1	1
14D1010-09	SD2014-OF8-07	SD14OF80700FS	4/24/2014	SED	FS	50	16	10	10	12	1	1	1
14D1010-10	SD2014-OF8-01	SD14OF80100FS	4/24/2014	SED	FS	50	16	10	10	12	1	1	1
14D1010-11	SD2014-OF8-03	SD14OF80300FS	4/24/2014	SED	FS	50	16	10	10	12	1	1	1
14D1010-12	SD2014-OF8-04	SD14OF80400FS	4/24/2014	SED	FS	50	16	10	10	12	1	1	1
14D1046-01	SD2014-OF8-02	SD14OF80200FS	4/15/2014	SED	FS	50	16	10	10	12	1	1	1
14D1046-02	SD2014-OF8-02	SD14OF80200FD	4/15/2014	SED	FD	50	16	10	10	12	1	1	1
14D1046-03	SD2014-OF8-05	SD14OF80500FS	4/15/2014	SED	FS	50	16	10	10	12	1	1	1
14D1046-04	SD2014-OF8-06	SD14OF80600FS	4/15/2014	SED	FS	50	16	10	10	12	1	1	1
14D1046-05	SD2014-OF8-09	SD14OF80900FS	4/15/2014	SED	FS	50	16	10	10	12	1	1	1
14D1046-06	SD2014-OF8-18	SD14OF81800FS	4/22/2014	SED	FS	50	16	10	10	12	1	1	1
14D1046-07	SD2014-TF-DE0	SD14TFDE000FS	4/16/2014	SED	FS	50	16	10	10	12	1	1	1
14D1046-08	SD2014-TF-DE0	SD14TFDE000FD	4/16/2014	SED	FD	50	16	10	10	12	1	1	1
14D1046-09	SD2014-TF-GH1	SD14TFGH100FS	4/16/2014	SED	FS	50	16	10	10	12	1	1	1
14D1046-10	SD2014-TF-HJ1	SD14TFHJ100FS	4/16/2014	SED	FS	50	16	10	10	12	1	1	1
14D1046-11	SD2014-TF-EF0	SD14TFEF000FS	4/16/2014	SED	FS	50	16	10	10	12	1	1	1
14D1046-12	SD2014-TF-B1	SD14TFB100FS	4/16/2014	SED	FS	50	16	10	10	12	1	1	1
14D1046-13	SD2014-TF-B1	SD14TFB100FD	4/16/2014	SED	FD	50	16	10	10	12	1	1	1
14D1046-14	SD2014-TF-H2	SD14TFH200FS	4/16/2014	SED	FS	50	16	10	10	12	1	1	1
14D1130-03	SD2014-TF-A1	SD14TFA100FS	4/28/2014	SED	FS	50	16	10	10	12	1	1	1
14D1130-04	SD2014-TF-G4	SD14TFG400FS	4/28/2014	SED	FS	50	16	10	10	12	1	1	1

Table 1
Sample Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

Lab Sample ID	Location	Sample ID	Sample Date	Media	QC Code	SW8270D SVOCs	SW8270 SIM PAHs	SW8082A PCBs	E680 PCB Homologs	SW6020A Metals	SW7471B Mercury	SW9014/9010C Cyanide	LYDKHN TOC
14D1167-01	SD2014-REF-05	SD14REF0500FS	4/18/2014	SED	FS	50	16	10	10	12	1	1	1
14D1167-02	SD2014-REF-05	SD14REF0500FD	4/18/2014	SED	FD	50	16	10	10	12	1	1	1
14D1167-03	SD2014-REF-02	SD14REF0200FS	4/18/2014	SED	FS	50	16	10	10	12	1	1	1
14D1167-04	SD2014-REF-03	SD14REF0300FS	4/18/2014	SED	FS	50	16	10	10	12	1	1	1
14D1167-05	SD2014-REF-17	SD14REF1700FS	4/17/2014	SED	FS	50	16	10	10	12	1	1	1
14D1167-06	SD2014-REF-18	SD14REF1800FS	4/17/2014	SED	FS	50	16	10	10	12	1	1	1
14D1167-07	SD2014-REF-US001A	SD14REFUS100FS	4/17/2014	SED	FS	50	16	10	10	12	1	1	1
14D1167-08	SD2014-REF-US002A	SD14REFUS200FS	4/17/2014	SED	FS	50	16	10	10	12	1	1	1
14D1167-09	SD2014-TF-J2	SD14TFJ200FS	4/17/2014	SED	FS	50	16	10	10	12	1	1	1
14D1167-10	SD2014-TF-J3	SD14TFJ300FS	4/17/2014	SED	FS	50	16	10	10	12	1	1	1
14D1167-11	SD2014-TF-J5	SD14TFJ500FS	4/17/2014	SED	FS	50	16	10	10	12	1	1	1
14D1167-12	SD2014-TF-A2	SD14TFA200FS	4/22/2014	SED	FS	50	16	10	10	12	1	1	1
14D1167-13	SD2014-TF-A7	SD14TFA700FS	4/22/2014	SED	FS	50	16	10	10	12	1	1	1
14D1167-14	SD2014-TF-B7	SD14TFB700FS	4/22/2014	SED	FS	50	16	10	10	12	1	1	1
14D1167-15	SD2014-TF-D1	SD14TFD100FS	4/22/2014	SED	FS	50	16	10	10	12	1	1	1
14D1167-16	SD2014-TF-F1	SD14TFF100FS	4/21/2014	SED	FS	50	16	10	10	12	1	1	1
14D1167-17	SD2014-TF-G1	SD14TFG100FS	4/21/2014	SED	FS	50	16	10	10	12	1	1	1
14D1167-18	SD2014-TF-G2	SD14TFG200FS	4/21/2014	SED	FS	50	16	10	10	12	1	1	1
14D1167-19	SD2014-TF-G3	SD14TFG300FS	4/21/2014	SED	FS	50	16	10	10	12	1	1	1
14E0005-01	SD2014-TF-ZA45	SD14TFZA4500FS	4/22/2014	SED	FS	50	16	10	10	12	1	1	1
14E0005-02	SD2014-TF-ZA56	SD14TFZA5600FS	4/22/2014	SED	FS	50	16	10	10	12	1	1	1
14E0005-03	SD2014-TF-A3	SD14TFA300FS	4/23/2014	SED	FS	50	16	10	10	12	1	1	1
14E0005-04	SD2014-TF-A4	SD14TFA400FS	4/23/2014	SED	FS	50	16	10	10	12	1	1	1
14E0005-05	SD2014-TF-B2	SD14TFB200FS	4/23/2014	SED	FS	50	16	10	10	12	1	1	1
14E0005-06	SD2014-TF-B4	SD14TFB400FS	4/23/2014	SED	FS	50	16	10	10	12	1	1	1
14E0005-07	SD2014-TF-E1	SD14TFE100FS	4/23/2014	SED	FS	50	16	10	10	12	1	1	1
14E0005-08	SD2014-TF-ZA67	SD14TFZA6700FS	4/23/2014	SED	FS	50	16	10	10	12	1	1	1
14E0005-09	SD2014-TF-A5	SD14TFA500FS	4/23/2014	SED	FS	50	16	10	10	12	1	1	1
14E0005-10	SD2014-TF-A5	SD14TFA500FD	4/23/2014	SED	FD	50	16	10	10	12	1	1	1
14E0005-11	SD2014-TF-A6	SD14TFA600FS	4/23/2014	SED	FS	50	16	10	10	12	1	1	1
14E0005-12	SD2014-TF-C7	SD14TFC700FS	4/23/2014	SED	FS	50	16	10	10	12	1	1	1
14E0079-01	SD2014-TF-C1	SD14TFC100FS	4/30/2014	SED	FS	50	16	10	10	12	1	1	1

Table 1
Sample Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

Lab Sample ID	Location	Sample ID	Sample Date	Media	QC Code	SW8270D	SW8270 SIM	SW8082A	E680	SW6020A	SW7471B	SW9014/9010C	LYDKHN
						SVOCs	PAHs	PCBs	PCB Homologs	Metals	Mercury	Cyanide	TOC
14E0079-02	SD2014-TF-F5	SD14TFF500FS	5/1/2014	SED	FS	50	16	10	10	12	1	1	1
14E0079-04	SD2014-TF-E4	SD14TFE400FS	5/1/2014	SED	FS	50	16	10	10	12	1	1	1
14E0079-05	SD2014-TF-E5	SD14TFE500FS	5/1/2014	SED	FS	50	16	10	10	12	1	1	1
14E0079-06	SD2014-TF-E3	SD14TFE300FS	5/1/2014	SED	FS	50	16	10	10	12	1	1	1
14E0079-07	SD2014-TF-D5	SD14TFD500FS	5/1/2014	SED	FS	50	16	10	10	12	1	1	1
14E0079-08	SD2014-TF-H3	SD14TFH300FS	5/1/2014	SED	FS	50	16	10	10	12	1	1	1
14E0079-09	SD2014-TF-K3	SD14TFK300FS	5/1/2014	SED	FS	50	16	10	10	12	1	1	1
14E0079-10	SD2014-TF-J4	SD14TFJ400FS	5/1/2014	SED	FS	50	16	10	10	12	1	1	1
14E0079-21	SD2014-TF-H4	SD14TFH400FS	5/1/2014	SED	FS	50	16	10	10	12	1	1	1
14E0105-01	SD2014-TF-D3	SD14TFD300FS	4/29/2014	SED	FS	50	16	10	10	12	1	1	1
14E0105-02	SD2014-TF-D4	SD14TFD400FS	4/29/2014	SED	FS	50	16	10	10	12	1	1	1
14E0105-03	SD2014-TF-D6	SD14TFD600FS	4/25/2014	SED	FS	50	16	10	10	12	1	1	1
14E0105-04	SD2014-TF-D7	SD14TFD700FS	4/25/2014	SED	FS	50	16	10	10	12	1	1	1
14E0105-05	SD2014-TF-E2	SD14TFE200FS	4/25/2014	SED	FS	50	16	10	10	12	1	1	1
14E0105-06	SD2014-TF-F2	SD14TFF200FS	4/28/2014	SED	FS	50	16	10	10	12	1	1	1
14E0105-07	SD2014-TF-F3	SD14TFF300FS	4/25/2014	SED	FS	50	16	10	10	12	1	1	1
14E0105-08	SD2014-TF-D2	SD14TFD200FS	4/25/2014	SED	FS	50	16	10	10	12	1	1	1
14E0166-01	SD2014-REF-25	SD14REF2500FS	5/1/2014	SED	FS			10	10				
14E0166-02	SD2014-REF-09	SD14REF0900FS	5/1/2014	SED	FS			10	10				
14E0166-03	SD2014-REF-10	SD14REF1000FS	5/1/2014	SED	FS			10	10				
14E0166-04	SD2014-REF-19	SD14REF1900FS	5/1/2014	SED	FS			10	10				
14E0166-05	SD2014-REF-15	SD14REF1500FS	5/1/2014	SED	FS			10	10				
14E0166-06	SD2014-REF-29	SD14REF2900FS	5/1/2014	SED	FS			10	10				
14E0166-07	SD2014-REF-26	SD14REF2600FS	5/1/2014	SED	FS			10	10				
14E0166-08	SD2014-REF-U2	SD14REFU200FS	5/1/2014	SED	FS			10	10				
14E0166-09	SD2014-REF-21	SD14REF2100FS	5/1/2014	SED	FS			10	10				
14E0166-10	SD2014-REF-US003A	SD14REFUS300FS	5/1/2014	SED	FS			10	10				
14E0166-11	SD2014-REF-06	SD14REF0600FS	5/1/2014	SED	FS			10	10				
14E0166-12	SD2014-REF-07	SD14REF0700FS	5/1/2014	SED	FS			10	10				
14E0166-13	SD2014-REF-11	SD14REF1100FS	5/1/2014	SED	FS			10	10				
14E0166-14	SD2014-REF-23	SD14REF2300FS	5/1/2014	SED	FS			10	10				
14E0166-15	SD2014-REF-04	SD14REF0400FS	5/1/2014	SED	FS			10	10				

Table 1
Sample Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

Lab Sample ID	Location	Sample ID	Sample Date	Media	QC Code	SW8270D SVOCs	SW8270 SIM PAHs	SW8082A PCBs	E680 PCB Homologs	SW6020A Metals	SW7471B Mercury	SW9014/9010C Cyanide	LYDKHN TOC
14E0166-16	SD2014-REF-01	SD14REF0100FS	5/1/2014	SED	FS			10	10				
14E0166-24	SD2014-TF-E6	SD14TFE600FS	5/1/2014	SED	FS	50	16	10	10	12	1	1	1
14E0166-25	SD2014-TF-F6	SD14TFF600FS	5/1/2014	SED	FS	50	16	10	10	12	1	1	1
14E0166-26	SD2014-TF-G5	SD14TFG500FS	5/1/2014	SED	FS	50	16	10	10	12	1	1	1
14E0166-27	SD2014-TF-H5	SD14TFH500FS	5/1/2014	SED	FS	50	16	10	10	12	1	1	1
14E0166-28	SD2014-TF-K5	SD14TFK500FS	5/1/2014	SED	FS	50	16	10	10	12	1	1	1
14E0166-29	SD2014-TF-L3	SD14TFL300FS	5/1/2014	SED	FS	50	16	10	10	12	1	1	1
14E0166-30	SD2014-TF-L5	SD14TFL500FS	5/1/2014	SED	FS	50	16	10	10	12	1	1	1
14E0237-01	SD2014-TF-B3	SD14TFB300FS	4/28/2014	SED	FS	50	16	10	10	12	1	1	1
14E0237-02	SD2014-TF-B5	SD14TFB500FS	4/25/2014	SED	FS	50	16	10	10	12	1	1	1
14E0237-03	SD2014-TF-B6	SD14TFB600FS	4/25/2014	SED	FS	50	16	10	10	12	1	1	1
14E0237-04	SD2014-TF-C2	SD14TFC200FS	4/25/2014	SED	FS	50	16	10	10	12	1	1	1
14E0237-05	SD2014-TF-C3	SD14TFC300FS	4/25/2014	SED	FS	50	16	10	10	12	1	1	1
14E0237-06	SD2014-TF-C4	SD14TFC400FS	4/25/2014	SED	FS	50	16	10	10	12	1	1	1
14E0237-07	SD2014-TF-C5	SD14TFC500FS	4/25/2014	SED	FS	50	16	10	10	12	1	1	1
14E0237-08	SD2014-TF-C6	SD14TFC600FS	4/25/2014	SED	FS	50	16	10	10	12	1	1	1
14F1203-01	SD2014-TF-K4	SD14TFK401FS	5/1/2014	SED	FS			10	10	12	1		
14F1203-02	SD2014-TF-L4	SD14TFL401FS	5/1/2014	SED	FS			10	10	12	1		

Notes:

Number listed under method indicates number of target analytes reported.

FS = field sample

FD = field duplicate

TABLE 2
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

PARAMETER	QC TEST	ANALYTE	SOIL (%R)	SOIL (RPD)
SVOCs/PAHs	Surrogate	Acid Compounds	30 - 130	NA
		Base-Neutral Compounds	30 - 130	NA
	MS/MSD	Acid Compounds	30 - 130	30
		Base-Neutral Compounds	40 - 140	30
	LCS	Acid Compounds	30 - 130	Lab Limits
		Base-Neutral Compounds	40 - 140	Lab Limits
PCBs	Surrogate	All Surrogates	30 - 150	NA
	MS/MSD	All Target Compounds	40 - 140	50
	LCS	All Target Compounds	40 - 140	Lab Limits
PCB Homologs	Surrogate	All Surrogates	Lab Limits	Lab Limits
	MS/MSD	All Target Compounds	Lab Limits	Lab Limits
	LCS	All Target Compounds	Lab Limits	Lab Limits
Metals	MS/MSD	All Metals	75 - 125	35
	LCS	All Metals	80 - 120	Lab Limits
TOC	MS/MSD	TOC	Lab Limits	Lab Limits
	LCS	TOC	Lab Limits	Lab Limits
Total Cyanide	MS/MSD	Total Cyanide	75 - 125	35
	LCS	Total Cyanide	Lab Limits	Lab Limits

Notes:

LCS = Laboratory Control Sample
MS/MSD = Matrix Spike/ Matrix Spike Duplicate
NA = Not Applicable
PAHs = Polynuclear Aromatic Hydrocarbons
PCBs = Polychlorinated Biphenyl
%R = Percent Recovery

QC = Quality Control
RPD = Relative Percent Difference
SVOCs = Semivolatile Organic Compounds
TOC = Total Organic Carbon

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0005	14E0005-01	E680	SD14TFZA4500FS	Decachlorobiphenyl (total)	0.0914	U		R	PM	mg/kg
14E0005	14E0005-01	E680	SD14TFZA4500FS	Dichlorobiphenyl (total)	0.0183	U		R	PM	mg/kg
14E0005	14E0005-01	E680	SD14TFZA4500FS	Heptachlorobiphenyl (total)	0.0548	U		R	PM	mg/kg
14E0005	14E0005-01	E680	SD14TFZA4500FS	Hexachlorobiphenyl (total)	0.0365	U		R	PM	mg/kg
14E0005	14E0005-01	E680	SD14TFZA4500FS	Monochlorobiphenyl (total)	0.0183	U		R	PM	mg/kg
14E0005	14E0005-01	E680	SD14TFZA4500FS	Nonachlorobiphenyl (total)	0.0914	U		R	PM	mg/kg
14E0005	14E0005-01	E680	SD14TFZA4500FS	Octachlorobiphenyl (total)	0.0548	U		R	PM	mg/kg
14E0005	14E0005-01	E680	SD14TFZA4500FS	Pentachlorobiphenyl (total)	0.0365	U		R	PM	mg/kg
14E0005	14E0005-01	E680	SD14TFZA4500FS	Tetrachlorobiphenyl (total)	0.0365	U		R	PM	mg/kg
14E0005	14E0005-01	E680	SD14TFZA4500FS	Trichlorobiphenyl (total)	0.0183	U		R	PM	mg/kg
14D1130	14D1130-04	E680	SD14TFG400FS	Octachlorobiphenyl (total)	0.0197	U	0.0197	UJ	MS-L	mg/kg
14D1130	14D1130-04	E680	SD14TFG400FS	Pentachlorobiphenyl (total)	0.0131	U	0.0131	UJ	MS-L	mg/kg
14D1046	14D1046-07	E680	SD14TFDE000FS	Dichlorobiphenyl (total)	0.0973	D	0.0973	J	FD	mg/kg
14D1046	14D1046-08	E680	SD14TFDE000FD	Dichlorobiphenyl (total)	0.101	D	0.101	J	FD	mg/kg
14E0005	14E0005-05	E680	SD14TFB200FS	Decachlorobiphenyl (total)	0.0516	U	0.0516	UJ	SS-L	mg/kg
14E0005	14E0005-05	E680	SD14TFB200FS	Dichlorobiphenyl (total)	0.0103	U	0.0103	UJ	SS-L	mg/kg
14E0005	14E0005-05	E680	SD14TFB200FS	Heptachlorobiphenyl (total)	0.0309	U	0.0309	UJ	SS-L	mg/kg
14E0005	14E0005-05	E680	SD14TFB200FS	Hexachlorobiphenyl (total)	0.0206	U	0.0206	UJ	SS-L	mg/kg
14E0005	14E0005-05	E680	SD14TFB200FS	Monochlorobiphenyl (total)	0.0103	U	0.0103	UJ	SS-L	mg/kg
14E0005	14E0005-05	E680	SD14TFB200FS	Nonachlorobiphenyl (total)	0.0516	U	0.0516	UJ	SS-L	mg/kg
14E0005	14E0005-05	E680	SD14TFB200FS	Octachlorobiphenyl (total)	0.0309	U	0.0309	UJ	SS-L	mg/kg
14E0005	14E0005-05	E680	SD14TFB200FS	Pentachlorobiphenyl (total)	0.0206	U	0.0206	UJ	SS-L	mg/kg
14E0005	14E0005-05	E680	SD14TFB200FS	Tetrachlorobiphenyl (total)	0.0206	U	0.0206	UJ	SS-L	mg/kg
14E0005	14E0005-05	E680	SD14TFB200FS	Trichlorobiphenyl (total)	0.0103	U	0.0103	UJ	SS-L	mg/kg
14D1046	14D1046-12	E680	SD14TFB100FS	Decachlorobiphenyl (total)	0.0593	U	0.0593	UJ	MS-RPD	mg/kg
14D1046	14D1046-13	E680	SD14TFB100FD	Decachlorobiphenyl (total)	0.0591	U	0.0591	UJ	MS-RPD	mg/kg
14E0005	14E0005-09	E680	SD14TFA500FS	Heptachlorobiphenyl (total)	0.0365	U	0.0365	UJ	MS-L	mg/kg
14E0005	14E0005-09	E680	SD14TFA500FS	Octachlorobiphenyl (total)	0.0365	U	0.0365	UJ	MS-L	mg/kg
14E0005	14E0005-09	E680	SD14TFA500FS	Pentachlorobiphenyl (total)	0.0244	U	0.0244	UJ	MS-L	mg/kg
14E0005	14E0005-10	E680	SD14TFA500FD	Heptachlorobiphenyl (total)	0.0368	U	0.0368	UJ	MS-L	mg/kg
14E0005	14E0005-10	E680	SD14TFA500FD	Octachlorobiphenyl (total)	0.0368	U	0.0368	UJ	MS-L	mg/kg
14E0005	14E0005-10	E680	SD14TFA500FD	Pentachlorobiphenyl (total)	0.0246	U	0.0246	UJ	MS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-01	E680	SD14REF0500FS	Octachlorobiphenyl (total)	0.0198	U	0.0198	UJ	MS-L	mg/kg
14D1167	14D1167-01	E680	SD14REF0500FS	Pentachlorobiphenyl (total)	0.0132	U	0.0132	UJ	MS-L	mg/kg
14D1167	14D1167-02	E680	SD14REF0500FD	Octachlorobiphenyl (total)	0.0201	U	0.0201	UJ	MS-L	mg/kg
14D1167	14D1167-02	E680	SD14REF0500FD	Pentachlorobiphenyl (total)	0.0134	U	0.0134	UJ	MS-L	mg/kg
14D1046	14D1046-01	E680	SD14OF80200FS	Heptachlorobiphenyl (total)	0.173		0.173	J	FD	mg/kg
14D1046	14D1046-01	E680	SD14OF80200FS	Pentachlorobiphenyl (total)	0.221		0.221	J	FD	mg/kg
14D1046	14D1046-02	E680	SD14OF80200FD	Heptachlorobiphenyl (total)	0.0703		0.0703	J	FD	mg/kg
14D1046	14D1046-02	E680	SD14OF80200FD	Pentachlorobiphenyl (total)	0.105		0.105	J	FD	mg/kg
14E0005	14E0005-01	LYDKHN	SD14TFZA4500FS	TOTAL ORGANIC CARBON	55500		55500	J	PM	mg/kg
14E0005	14E0005-01	SW6020A	SD14TFZA4500FS	Antimony	3.65	U		R	PM	mg/kg
14E0005	14E0005-01	SW6020A	SD14TFZA4500FS	Arsenic	12.2	D	12.2	J	PM	mg/kg
14E0005	14E0005-01	SW6020A	SD14TFZA4500FS	Cadmium	1.83	U		R	PM	mg/kg
14E0005	14E0005-01	SW6020A	SD14TFZA4500FS	Chromium	211	D	211	J	PM	mg/kg
14E0005	14E0005-01	SW6020A	SD14TFZA4500FS	Copper	535	D	535	J	PM	mg/kg
14E0005	14E0005-01	SW6020A	SD14TFZA4500FS	Lead	115	D	115	J	PM	mg/kg
14E0005	14E0005-01	SW6020A	SD14TFZA4500FS	Manganese	530	D	530	J	PM	mg/kg
14E0005	14E0005-01	SW6020A	SD14TFZA4500FS	Nickel	38.1	D	38.1	J	PM	mg/kg
14E0005	14E0005-01	SW6020A	SD14TFZA4500FS	Selenium	4.03	D	4.03	J	PM	mg/kg
14E0005	14E0005-01	SW6020A	SD14TFZA4500FS	Silver	3.65	U		R	PM	mg/kg
14E0005	14E0005-01	SW6020A	SD14TFZA4500FS	Thallium	3.65	U		R	PM	mg/kg
14E0005	14E0005-01	SW6020A	SD14TFZA4500FS	Zinc	297	B D	297	J	PM	mg/kg
14D1130	14D1130-04	SW6020A	SD14TFGA400FS	Antimony	1.65	D	1.65	J	LCS-H	mg/kg
14E0005	14E0005-10	SW6020A	SD14TFA500FD	Antimony	3.03	D	3.03	J	LCS-H	mg/kg
14D1167	14D1167-02	SW6020A	SD14REF0500FD	Antimony	1.94	D	1.94	J	LCS-H	mg/kg
14D0945	14D0945-08	SW6020A	SD14OF81600FS	Antimony	2.66	D	2.66	J	LCS-H	mg/kg
14D1010	14D1010-05	SW6020A	SD14OF81200FS	Antimony	1.83	D	1.83	J	LCS-H	mg/kg
14E0005	14E0005-01	SW7471B	SD14TFZA4500FS	Mercury	0.121	U		R	PM	mg/kg
14F1203	14F1203-02	SW7471B	SD14TFL401FS	Mercury	0.0461	HT-01 U		R	HT-G	mg/kg
14F1203	14F1203-01	SW7471B	SD14TFK401FS	Mercury	0.0457	HT-01 U		R	HT-G	mg/kg
14E0005	14E0005-01	SW8082A	SD14TFZA4500FS	Aroclor-1016	0.0914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8082A	SD14TFZA4500FS	Aroclor-1221	0.0914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8082A	SD14TFZA4500FS	Aroclor-1232	0.0914	U		R	PM	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0005	14E0005-01	SW8082A	SD14TFZA4500FS	Aroclor-1242	0.0914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8082A	SD14TFZA4500FS	Aroclor-1248	0.0914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8082A	SD14TFZA4500FS	Aroclor-1254	0.0914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8082A	SD14TFZA4500FS	Aroclor-1260	0.0914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8082A	SD14TFZA4500FS	Aroclor-1262	0.0914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8082A	SD14TFZA4500FS	Aroclor-1268	0.0914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8082A	SD14TFZA4500FS	PCB (total)	0.0914	U		R	PM	mg/kg
14E0166	14E0166-30	SW8082A	SD14TFL500FS	Aroclor-1016	0.0431	U	0.0431	UJ	MS-L, SS-L	mg/kg
14E0166	14E0166-30	SW8082A	SD14TFL500FS	Aroclor-1221	0.0431	U	0.0431	UJ	MS-L, SS-L	mg/kg
14E0166	14E0166-30	SW8082A	SD14TFL500FS	Aroclor-1232	0.0431	U	0.0431	UJ	MS-L, SS-L	mg/kg
14E0166	14E0166-30	SW8082A	SD14TFL500FS	Aroclor-1242	0.0431	U	0.0431	UJ	MS-L, SS-L	mg/kg
14E0166	14E0166-30	SW8082A	SD14TFL500FS	Aroclor-1248	0.0431	U	0.0431	UJ	MS-L, SS-L	mg/kg
14E0166	14E0166-30	SW8082A	SD14TFL500FS	Aroclor-1254	0.0431	U	0.0431	UJ	MS-L, SS-L	mg/kg
14E0166	14E0166-30	SW8082A	SD14TFL500FS	Aroclor-1260	0.0431	U	0.0431	UJ	MS-L, SS-L	mg/kg
14E0166	14E0166-30	SW8082A	SD14TFL500FS	Aroclor-1262	0.0431	U	0.0431	UJ	MS-L, SS-L	mg/kg
14E0166	14E0166-30	SW8082A	SD14TFL500FS	Aroclor-1268	0.0431	U	0.0431	UJ	MS-L, SS-L	mg/kg
14E0166	14E0166-30	SW8082A	SD14TFL500FS	PCB (total)	0.0431	U	0.0431	UJ	MS-L, SS-L	mg/kg
14D1167	14D1167-10	SW8082A	SD14TFJ300FS	Aroclor-1016	0.0345	U	0.0345	UJ	SS-L	mg/kg
14D1167	14D1167-10	SW8082A	SD14TFJ300FS	Aroclor-1221	0.0345	U	0.0345	UJ	SS-L	mg/kg
14D1167	14D1167-10	SW8082A	SD14TFJ300FS	Aroclor-1232	0.0345	U	0.0345	UJ	SS-L	mg/kg
14D1167	14D1167-10	SW8082A	SD14TFJ300FS	Aroclor-1242	0.0345	U	0.0345	UJ	SS-L	mg/kg
14D1167	14D1167-10	SW8082A	SD14TFJ300FS	Aroclor-1248	0.0345	U	0.0345	UJ	SS-L	mg/kg
14D1167	14D1167-10	SW8082A	SD14TFJ300FS	Aroclor-1254	0.0345	U	0.0345	UJ	SS-L	mg/kg
14D1167	14D1167-10	SW8082A	SD14TFJ300FS	Aroclor-1260	0.0345	U	0.0345	UJ	SS-L	mg/kg
14D1167	14D1167-10	SW8082A	SD14TFJ300FS	Aroclor-1262	0.0345	U	0.0345	UJ	SS-L	mg/kg
14D1167	14D1167-10	SW8082A	SD14TFJ300FS	Aroclor-1268	0.0345	U	0.0345	UJ	SS-L	mg/kg
14D1167	14D1167-10	SW8082A	SD14TFJ300FS	PCB (total)	0.0345	U	0.0345	UJ	SS-L	mg/kg
14D1167	14D1167-09	SW8082A	SD14TFJ200FS	Aroclor-1016	0.0313	U	0.0313	UJ	SS-L	mg/kg
14D1167	14D1167-09	SW8082A	SD14TFJ200FS	Aroclor-1221	0.0313	U	0.0313	UJ	SS-L	mg/kg
14D1167	14D1167-09	SW8082A	SD14TFJ200FS	Aroclor-1232	0.0313	U	0.0313	UJ	SS-L	mg/kg
14D1167	14D1167-09	SW8082A	SD14TFJ200FS	Aroclor-1242	0.0313	U	0.0313	UJ	SS-L	mg/kg
14D1167	14D1167-09	SW8082A	SD14TFJ200FS	Aroclor-1248	0.0313	U	0.0313	UJ	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-09	SW8082A	SD14TFJ200FS	Aroclor-1254	0.0313	U	0.0313	UJ	SS-L	mg/kg
14D1167	14D1167-09	SW8082A	SD14TFJ200FS	Aroclor-1260	0.0313	U	0.0313	UJ	SS-L	mg/kg
14D1167	14D1167-09	SW8082A	SD14TFJ200FS	Aroclor-1262	0.106		0.106	J	SS-L	mg/kg
14D1167	14D1167-09	SW8082A	SD14TFJ200FS	Aroclor-1268	0.0313	U	0.0313	UJ	SS-L	mg/kg
14D1167	14D1167-09	SW8082A	SD14TFJ200FS	PCB (total)	0.106		0.106	J	SS-L	mg/kg
14E0166	14E0166-26	SW8082A	SD14TFG500FS	Aroclor-1016	0.042	U	0.042	UJ	SS-L	mg/kg
14E0166	14E0166-26	SW8082A	SD14TFG500FS	Aroclor-1221	0.042	U	0.042	UJ	SS-L	mg/kg
14E0166	14E0166-26	SW8082A	SD14TFG500FS	Aroclor-1232	0.042	U	0.042	UJ	SS-L	mg/kg
14E0166	14E0166-26	SW8082A	SD14TFG500FS	Aroclor-1242	0.042	U	0.042	UJ	SS-L	mg/kg
14E0166	14E0166-26	SW8082A	SD14TFG500FS	Aroclor-1248	0.042	U	0.042	UJ	SS-L	mg/kg
14E0166	14E0166-26	SW8082A	SD14TFG500FS	Aroclor-1254	0.042	U	0.042	UJ	SS-L	mg/kg
14E0166	14E0166-26	SW8082A	SD14TFG500FS	Aroclor-1260	0.11		0.11	J	SS-L	mg/kg
14E0166	14E0166-26	SW8082A	SD14TFG500FS	Aroclor-1262	0.042	U	0.042	UJ	SS-L	mg/kg
14E0166	14E0166-26	SW8082A	SD14TFG500FS	Aroclor-1268	0.042	U	0.042	UJ	SS-L	mg/kg
14E0166	14E0166-26	SW8082A	SD14TFG500FS	PCB (total)	0.11		0.11	J	SS-L	mg/kg
14D1167	14D1167-16	SW8082A	SD14TFF100FS	Aroclor-1016	0.0323	U	0.0323	UJ	MS-L	mg/kg
14D1167	14D1167-16	SW8082A	SD14TFF100FS	Aroclor-1221	0.0323	U	0.0323	UJ	MS-L	mg/kg
14D1167	14D1167-16	SW8082A	SD14TFF100FS	Aroclor-1232	0.0323	U	0.0323	UJ	MS-L	mg/kg
14D1167	14D1167-16	SW8082A	SD14TFF100FS	Aroclor-1242	0.0323	U	0.0323	UJ	MS-L	mg/kg
14D1167	14D1167-16	SW8082A	SD14TFF100FS	Aroclor-1248	0.0856		0.0856	J	MS-L	mg/kg
14D1167	14D1167-16	SW8082A	SD14TFF100FS	Aroclor-1254	0.0323	U	0.0323	UJ	MS-L	mg/kg
14D1167	14D1167-16	SW8082A	SD14TFF100FS	Aroclor-1260	0.0376		0.0376	J	MS-L	mg/kg
14D1167	14D1167-16	SW8082A	SD14TFF100FS	Aroclor-1262	0.0323	U	0.0323	UJ	MS-L	mg/kg
14D1167	14D1167-16	SW8082A	SD14TFF100FS	Aroclor-1268	0.0323	U	0.0323	UJ	MS-L	mg/kg
14D1167	14D1167-16	SW8082A	SD14TFF100FS	PCB (total)	0.123		0.123	J	MS-L	mg/kg
14D1046	14D1046-07	SW8082A	SD14TFDE000FS	Aroclor-1248	20.5	D	20.5	J	FD	mg/kg
14D1046	14D1046-07	SW8082A	SD14TFDE000FS	Aroclor-1260	1.78	D	1.78	J	FD	mg/kg
14D1046	14D1046-07	SW8082A	SD14TFDE000FS	PCB (total)	22.3	D	22.3	J	FD	mg/kg
14D1046	14D1046-08	SW8082A	SD14TFDE000FD	Aroclor-1248	77.1	D	77.1	J	FD	mg/kg
14D1046	14D1046-08	SW8082A	SD14TFDE000FD	Aroclor-1260	5.56	D	5.56	J	FD	mg/kg
14D1046	14D1046-08	SW8082A	SD14TFDE000FD	PCB (total)	82.6	D	82.6	J	FD	mg/kg
14E0105	14E0105-01	SW8082A	SD14TFD300FS	Aroclor-1016	0.0456	U	0.0456	UJ	MS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0105	14E0105-01	SW8082A	SD14TFD300FS	Aroclor-1221	0.0456	U	0.0456	UJ	MS-L	mg/kg
14E0105	14E0105-01	SW8082A	SD14TFD300FS	Aroclor-1232	0.0456	U	0.0456	UJ	MS-L	mg/kg
14E0105	14E0105-01	SW8082A	SD14TFD300FS	Aroclor-1242	0.0456	U	0.0456	UJ	MS-L	mg/kg
14E0105	14E0105-01	SW8082A	SD14TFD300FS	Aroclor-1248	0.0456	U	0.0456	UJ	MS-L	mg/kg
14E0105	14E0105-01	SW8082A	SD14TFD300FS	Aroclor-1254	0.0456	U	0.0456	UJ	MS-L	mg/kg
14E0105	14E0105-01	SW8082A	SD14TFD300FS	Aroclor-1260	0.0456	U	0.0456	UJ	MS-L	mg/kg
14E0105	14E0105-01	SW8082A	SD14TFD300FS	Aroclor-1262	0.0456	U	0.0456	UJ	MS-L	mg/kg
14E0105	14E0105-01	SW8082A	SD14TFD300FS	Aroclor-1268	0.0456	U	0.0456	UJ	MS-L	mg/kg
14E0105	14E0105-01	SW8082A	SD14TFD300FS	PCB (total)	0.0456	U	0.0456	UJ	MS-L	mg/kg
14D1167	14D1167-14	SW8082A	SD14TFB700FS	Aroclor-1016	0.0333	U	0.0333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8082A	SD14TFB700FS	Aroclor-1221	0.0333	U	0.0333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8082A	SD14TFB700FS	Aroclor-1232	0.0333	U	0.0333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8082A	SD14TFB700FS	Aroclor-1242	0.0333	U	0.0333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8082A	SD14TFB700FS	Aroclor-1248	0.0333	U	0.0333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8082A	SD14TFB700FS	Aroclor-1254	0.0333	U	0.0333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8082A	SD14TFB700FS	Aroclor-1260	0.0333	U	0.0333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8082A	SD14TFB700FS	Aroclor-1262	0.0333	U	0.0333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8082A	SD14TFB700FS	Aroclor-1268	0.0333	U	0.0333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8082A	SD14TFB700FS	PCB (total)	0.0333	U	0.0333	UJ	SS-L	mg/kg
14D1046	14D1046-12	SW8082A	SD14TFB100FS	Aroclor-1016	0.0593	U	0.0593	UJ	SS-L	mg/kg
14D1046	14D1046-12	SW8082A	SD14TFB100FS	Aroclor-1221	0.0593	U	0.0593	UJ	SS-L	mg/kg
14D1046	14D1046-12	SW8082A	SD14TFB100FS	Aroclor-1232	0.0593	U	0.0593	UJ	SS-L	mg/kg
14D1046	14D1046-12	SW8082A	SD14TFB100FS	Aroclor-1242	0.0593	U	0.0593	UJ	SS-L	mg/kg
14D1046	14D1046-12	SW8082A	SD14TFB100FS	Aroclor-1248	0.0593	U	0.0593	UJ	SS-L	mg/kg
14D1046	14D1046-12	SW8082A	SD14TFB100FS	Aroclor-1254	0.0593	U	0.0593	UJ	SS-L	mg/kg
14D1046	14D1046-12	SW8082A	SD14TFB100FS	Aroclor-1260	0.0593	U	0.0593	UJ	SS-L	mg/kg
14D1046	14D1046-12	SW8082A	SD14TFB100FS	Aroclor-1262	0.0593	U	0.0593	UJ	SS-L	mg/kg
14D1046	14D1046-12	SW8082A	SD14TFB100FS	Aroclor-1268	0.0593	U	0.0593	UJ	SS-L	mg/kg
14D1046	14D1046-12	SW8082A	SD14TFB100FS	PCB (total)	0.0593	U	0.0593	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8082A	SD14TFA700FS	Aroclor-1016	0.0333	U	0.0333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8082A	SD14TFA700FS	Aroclor-1221	0.0333	U	0.0333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8082A	SD14TFA700FS	Aroclor-1232	0.0333	U	0.0333	UJ	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-13	SW8082A	SD14TFA700FS	Aroclor-1242	0.0333	U	0.0333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8082A	SD14TFA700FS	Aroclor-1248	0.0333	U	0.0333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8082A	SD14TFA700FS	Aroclor-1254	0.0333	U	0.0333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8082A	SD14TFA700FS	Aroclor-1260	0.0333	U	0.0333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8082A	SD14TFA700FS	Aroclor-1262	0.0333	U	0.0333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8082A	SD14TFA700FS	Aroclor-1268	0.0333	U	0.0333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8082A	SD14TFA700FS	PCB (total)	0.0333	U	0.0333	UJ	SS-L	mg/kg
14E0005	14E0005-03	SW8082A	SD14TFA300FS	Aroclor-1016	0.0252	U	0.0252	UJ	SS-L	mg/kg
14E0005	14E0005-03	SW8082A	SD14TFA300FS	Aroclor-1221	0.0252	U	0.0252	UJ	SS-L	mg/kg
14E0005	14E0005-03	SW8082A	SD14TFA300FS	Aroclor-1232	0.0252	U	0.0252	UJ	SS-L	mg/kg
14E0005	14E0005-03	SW8082A	SD14TFA300FS	Aroclor-1242	0.0252	U	0.0252	UJ	SS-L	mg/kg
14E0005	14E0005-03	SW8082A	SD14TFA300FS	Aroclor-1248	0.0252	U	0.0252	UJ	SS-L	mg/kg
14E0005	14E0005-03	SW8082A	SD14TFA300FS	Aroclor-1254	0.0252	U	0.0252	UJ	SS-L	mg/kg
14E0005	14E0005-03	SW8082A	SD14TFA300FS	Aroclor-1260	0.0252	U	0.0252	UJ	SS-L	mg/kg
14E0005	14E0005-03	SW8082A	SD14TFA300FS	Aroclor-1262	0.0252	U	0.0252	UJ	SS-L	mg/kg
14E0005	14E0005-03	SW8082A	SD14TFA300FS	Aroclor-1268	0.0252	U	0.0252	UJ	SS-L	mg/kg
14E0005	14E0005-03	SW8082A	SD14TFA300FS	PCB (total)	0.0252	U	0.0252	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8082A	SD14TFA200FS	Aroclor-1016	0.0358	U	0.0358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8082A	SD14TFA200FS	Aroclor-1221	0.0358	U	0.0358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8082A	SD14TFA200FS	Aroclor-1232	0.0358	U	0.0358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8082A	SD14TFA200FS	Aroclor-1242	0.0358	U	0.0358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8082A	SD14TFA200FS	Aroclor-1248	0.0358	U	0.0358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8082A	SD14TFA200FS	Aroclor-1254	0.0358	U	0.0358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8082A	SD14TFA200FS	Aroclor-1260	0.0358	U	0.0358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8082A	SD14TFA200FS	Aroclor-1262	0.0358	U	0.0358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8082A	SD14TFA200FS	Aroclor-1268	0.0358	U	0.0358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8082A	SD14TFA200FS	PCB (total)	0.0358	U	0.0358	UJ	SS-L	mg/kg
14D1167	14D1167-07	SW8082A	SD14REFUS100FS	Aroclor-1016	0.114		0.114	J	SS-L	mg/kg
14D1167	14D1167-07	SW8082A	SD14REFUS100FS	Aroclor-1221	0.0336	U	0.0336	UJ	SS-L	mg/kg
14D1167	14D1167-07	SW8082A	SD14REFUS100FS	Aroclor-1232	0.0336	U	0.0336	UJ	SS-L	mg/kg
14D1167	14D1167-07	SW8082A	SD14REFUS100FS	Aroclor-1242	0.0336	U	0.0336	UJ	SS-L	mg/kg
14D1167	14D1167-07	SW8082A	SD14REFUS100FS	Aroclor-1248	0.0336	U	0.0336	UJ	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-07	SW8082A	SD14REFUS100FS	Aroclor-1254	0.0336	U	0.0336	UJ	SS-L	mg/kg
14D1167	14D1167-07	SW8082A	SD14REFUS100FS	Aroclor-1260	0.0336	U	0.0336	UJ	SS-L	mg/kg
14D1167	14D1167-07	SW8082A	SD14REFUS100FS	Aroclor-1262	0.0336	U	0.0336	UJ	SS-L	mg/kg
14D1167	14D1167-07	SW8082A	SD14REFUS100FS	Aroclor-1268	0.0336	U	0.0336	UJ	SS-L	mg/kg
14D1167	14D1167-07	SW8082A	SD14REFUS100FS	PCB (total)	0.114		0.114	J	SS-L	mg/kg
14E0166	14E0166-14	SW8082A	SD14REF2300FS	Aroclor-1016	0.0381	U	0.0381	UJ	SS-L	mg/kg
14E0166	14E0166-14	SW8082A	SD14REF2300FS	Aroclor-1221	0.0381	U	0.0381	UJ	SS-L	mg/kg
14E0166	14E0166-14	SW8082A	SD14REF2300FS	Aroclor-1232	0.0381	U	0.0381	UJ	SS-L	mg/kg
14E0166	14E0166-14	SW8082A	SD14REF2300FS	Aroclor-1242	0.0381	U	0.0381	UJ	SS-L	mg/kg
14E0166	14E0166-14	SW8082A	SD14REF2300FS	Aroclor-1248	0.0381	U	0.0381	UJ	SS-L	mg/kg
14E0166	14E0166-14	SW8082A	SD14REF2300FS	Aroclor-1254	0.0381	U	0.0381	UJ	SS-L	mg/kg
14E0166	14E0166-14	SW8082A	SD14REF2300FS	Aroclor-1260	0.0381	U	0.0381	UJ	SS-L	mg/kg
14E0166	14E0166-14	SW8082A	SD14REF2300FS	Aroclor-1262	0.0381	U	0.0381	UJ	SS-L	mg/kg
14E0166	14E0166-14	SW8082A	SD14REF2300FS	Aroclor-1268	0.0381	U	0.0381	UJ	SS-L	mg/kg
14E0166	14E0166-14	SW8082A	SD14REF2300FS	PCB (total)	0.0381	U	0.0381	UJ	SS-L	mg/kg
14D1167	14D1167-06	SW8082A	SD14REF1800FS	Aroclor-1016	0.066		0.066	J	SS-L	mg/kg
14D1167	14D1167-06	SW8082A	SD14REF1800FS	Aroclor-1221	0.032	U	0.032	UJ	SS-L	mg/kg
14D1167	14D1167-06	SW8082A	SD14REF1800FS	Aroclor-1232	0.032	U	0.032	UJ	SS-L	mg/kg
14D1167	14D1167-06	SW8082A	SD14REF1800FS	Aroclor-1242	0.032	U	0.032	UJ	SS-L	mg/kg
14D1167	14D1167-06	SW8082A	SD14REF1800FS	Aroclor-1248	0.032	U	0.032	UJ	SS-L	mg/kg
14D1167	14D1167-06	SW8082A	SD14REF1800FS	Aroclor-1254	0.032	U	0.032	UJ	SS-L	mg/kg
14D1167	14D1167-06	SW8082A	SD14REF1800FS	Aroclor-1260	0.032	U	0.032	UJ	SS-L	mg/kg
14D1167	14D1167-06	SW8082A	SD14REF1800FS	Aroclor-1262	0.032	U	0.032	UJ	SS-L	mg/kg
14D1167	14D1167-06	SW8082A	SD14REF1800FS	Aroclor-1268	0.032	U	0.032	UJ	SS-L	mg/kg
14D1167	14D1167-06	SW8082A	SD14REF1800FS	PCB (total)	0.066		0.066	J	SS-L	mg/kg
14D1167	14D1167-05	SW8082A	SD14REF1700FS	Aroclor-1016	0.0466	U	0.0466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8082A	SD14REF1700FS	Aroclor-1221	0.0466	U	0.0466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8082A	SD14REF1700FS	Aroclor-1232	0.0466	U	0.0466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8082A	SD14REF1700FS	Aroclor-1242	0.0466	U	0.0466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8082A	SD14REF1700FS	Aroclor-1248	0.0466	U	0.0466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8082A	SD14REF1700FS	Aroclor-1254	0.0466	U	0.0466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8082A	SD14REF1700FS	Aroclor-1260	0.0466	U	0.0466	UJ	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-05	SW8082A	SD14REF1700FS	Aroclor-1262	0.0466	U	0.0466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8082A	SD14REF1700FS	Aroclor-1268	0.0466	U	0.0466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8082A	SD14REF1700FS	PCB (total)	0.0466	U	0.0466	UJ	SS-L	mg/kg
14E0166	14E0166-13	SW8082A	SD14REF1100FS	Aroclor-1016	0.0434	U	0.0434	UJ	SS-L	mg/kg
14E0166	14E0166-13	SW8082A	SD14REF1100FS	Aroclor-1221	0.0434	U	0.0434	UJ	SS-L	mg/kg
14E0166	14E0166-13	SW8082A	SD14REF1100FS	Aroclor-1232	0.0434	U	0.0434	UJ	SS-L	mg/kg
14E0166	14E0166-13	SW8082A	SD14REF1100FS	Aroclor-1242	0.0434	U	0.0434	UJ	SS-L	mg/kg
14E0166	14E0166-13	SW8082A	SD14REF1100FS	Aroclor-1248	0.0434	U	0.0434	UJ	SS-L	mg/kg
14E0166	14E0166-13	SW8082A	SD14REF1100FS	Aroclor-1254	0.0434	U	0.0434	UJ	SS-L	mg/kg
14E0166	14E0166-13	SW8082A	SD14REF1100FS	Aroclor-1260	0.0434	U	0.0434	UJ	SS-L	mg/kg
14E0166	14E0166-13	SW8082A	SD14REF1100FS	Aroclor-1262	0.0434	U	0.0434	UJ	SS-L	mg/kg
14E0166	14E0166-13	SW8082A	SD14REF1100FS	Aroclor-1268	0.0434	U	0.0434	UJ	SS-L	mg/kg
14E0166	14E0166-13	SW8082A	SD14REF1100FS	PCB (total)	0.0434	U	0.0434	UJ	SS-L	mg/kg
14D1167	14D1167-04	SW8082A	SD14REF0300FS	Aroclor-1016	0.0317	U	0.0317	UJ	SS-L	mg/kg
14D1167	14D1167-04	SW8082A	SD14REF0300FS	Aroclor-1221	0.0317	U	0.0317	UJ	SS-L	mg/kg
14D1167	14D1167-04	SW8082A	SD14REF0300FS	Aroclor-1232	0.0317	U	0.0317	UJ	SS-L	mg/kg
14D1167	14D1167-04	SW8082A	SD14REF0300FS	Aroclor-1242	0.0317	U	0.0317	UJ	SS-L	mg/kg
14D1167	14D1167-04	SW8082A	SD14REF0300FS	Aroclor-1248	0.0317	U	0.0317	UJ	SS-L	mg/kg
14D1167	14D1167-04	SW8082A	SD14REF0300FS	Aroclor-1254	0.0317	U	0.0317	UJ	SS-L	mg/kg
14D1167	14D1167-04	SW8082A	SD14REF0300FS	Aroclor-1260	0.0317	U	0.0317	UJ	SS-L	mg/kg
14D1167	14D1167-04	SW8082A	SD14REF0300FS	Aroclor-1262	0.0317	U	0.0317	UJ	SS-L	mg/kg
14D1167	14D1167-04	SW8082A	SD14REF0300FS	Aroclor-1268	0.0317	U	0.0317	UJ	SS-L	mg/kg
14D1167	14D1167-04	SW8082A	SD14REF0300FS	PCB (total)	0.0317	U	0.0317	UJ	SS-L	mg/kg
14D1167	14D1167-03	SW8082A	SD14REF0200FS	Aroclor-1016	0.0328	U	0.0328	UJ	SS-L	mg/kg
14D1167	14D1167-03	SW8082A	SD14REF0200FS	Aroclor-1221	0.0328	U	0.0328	UJ	SS-L	mg/kg
14D1167	14D1167-03	SW8082A	SD14REF0200FS	Aroclor-1232	0.0328	U	0.0328	UJ	SS-L	mg/kg
14D1167	14D1167-03	SW8082A	SD14REF0200FS	Aroclor-1242	0.0328	U	0.0328	UJ	SS-L	mg/kg
14D1167	14D1167-03	SW8082A	SD14REF0200FS	Aroclor-1248	0.0328	U	0.0328	UJ	SS-L	mg/kg
14D1167	14D1167-03	SW8082A	SD14REF0200FS	Aroclor-1254	0.0328	U	0.0328	UJ	SS-L	mg/kg
14D1167	14D1167-03	SW8082A	SD14REF0200FS	Aroclor-1260	0.0328	U	0.0328	UJ	SS-L	mg/kg
14D1167	14D1167-03	SW8082A	SD14REF0200FS	Aroclor-1262	0.0328	U	0.0328	UJ	SS-L	mg/kg
14D1167	14D1167-03	SW8082A	SD14REF0200FS	Aroclor-1268	0.0328	U	0.0328	UJ	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-03	SW8082A	SD14REF0200FS	PCB (total)	0.0328	U	0.0328	UJ	SS-L	mg/kg
14D0945	14D0945-11	SW8082A	SD14OF81900FS	Aroclor-1016	0.055	U	0.055	UJ	SS-L	mg/kg
14D0945	14D0945-11	SW8082A	SD14OF81900FS	Aroclor-1221	0.055	U	0.055	UJ	SS-L	mg/kg
14D0945	14D0945-11	SW8082A	SD14OF81900FS	Aroclor-1232	0.055	U	0.055	UJ	SS-L	mg/kg
14D0945	14D0945-11	SW8082A	SD14OF81900FS	Aroclor-1242	0.055	U	0.055	UJ	SS-L	mg/kg
14D0945	14D0945-11	SW8082A	SD14OF81900FS	Aroclor-1248	0.055	U	0.055	UJ	SS-L	mg/kg
14D0945	14D0945-11	SW8082A	SD14OF81900FS	Aroclor-1254	0.055	U	0.055	UJ	SS-L	mg/kg
14D0945	14D0945-11	SW8082A	SD14OF81900FS	Aroclor-1260	0.055	U	0.055	UJ	SS-L	mg/kg
14D0945	14D0945-11	SW8082A	SD14OF81900FS	Aroclor-1262	0.055	U	0.055	UJ	SS-L	mg/kg
14D0945	14D0945-11	SW8082A	SD14OF81900FS	Aroclor-1268	0.055	U	0.055	UJ	SS-L	mg/kg
14D0945	14D0945-11	SW8082A	SD14OF81900FS	PCB (total)	0.055	U	0.055	UJ	SS-L	mg/kg
14D1046	14D1046-06	SW8082A	SD14OF81800FS	Aroclor-1016	0.0605	U	0.0605	UJ	SS-L	mg/kg
14D1046	14D1046-06	SW8082A	SD14OF81800FS	Aroclor-1221	0.0605	U	0.0605	UJ	SS-L	mg/kg
14D1046	14D1046-06	SW8082A	SD14OF81800FS	Aroclor-1232	0.0605	U	0.0605	UJ	SS-L	mg/kg
14D1046	14D1046-06	SW8082A	SD14OF81800FS	Aroclor-1242	0.0605	U	0.0605	UJ	SS-L	mg/kg
14D1046	14D1046-06	SW8082A	SD14OF81800FS	Aroclor-1248	0.0605	U	0.0605	UJ	SS-L	mg/kg
14D1046	14D1046-06	SW8082A	SD14OF81800FS	Aroclor-1254	0.0605	U	0.0605	UJ	SS-L	mg/kg
14D1046	14D1046-06	SW8082A	SD14OF81800FS	Aroclor-1260	0.0605	U	0.0605	UJ	SS-L	mg/kg
14D1046	14D1046-06	SW8082A	SD14OF81800FS	Aroclor-1262	0.0605	U	0.0605	UJ	SS-L	mg/kg
14D1046	14D1046-06	SW8082A	SD14OF81800FS	Aroclor-1268	0.0605	U	0.0605	UJ	SS-L	mg/kg
14D1046	14D1046-06	SW8082A	SD14OF81800FS	PCB (total)	0.0605	U	0.0605	UJ	SS-L	mg/kg
14D0945	14D0945-10	SW8082A	SD14OF81400FS	Aroclor-1016	0.0517	U	0.0517	UJ	MS-L, SS-L	mg/kg
14D0945	14D0945-10	SW8082A	SD14OF81400FS	Aroclor-1221	0.0517	U	0.0517	UJ	MS-L, SS-L	mg/kg
14D0945	14D0945-10	SW8082A	SD14OF81400FS	Aroclor-1232	0.0517	U	0.0517	UJ	MS-L, SS-L	mg/kg
14D0945	14D0945-10	SW8082A	SD14OF81400FS	Aroclor-1242	0.0517	U	0.0517	UJ	MS-L, SS-L	mg/kg
14D0945	14D0945-10	SW8082A	SD14OF81400FS	Aroclor-1248	0.0517	U	0.0517	UJ	MS-L, SS-L	mg/kg
14D0945	14D0945-10	SW8082A	SD14OF81400FS	Aroclor-1254	0.0517	U	0.0517	UJ	MS-L, SS-L	mg/kg
14D0945	14D0945-10	SW8082A	SD14OF81400FS	Aroclor-1260	0.0517	U	0.0517	UJ	MS-L, SS-L	mg/kg
14D0945	14D0945-10	SW8082A	SD14OF81400FS	Aroclor-1262	0.0517	U	0.0517	UJ	MS-L, SS-L	mg/kg
14D0945	14D0945-10	SW8082A	SD14OF81400FS	Aroclor-1268	0.0517	U	0.0517	UJ	MS-L, SS-L	mg/kg
14D0945	14D0945-10	SW8082A	SD14OF81400FS	PCB (total)	0.0517	U	0.0517	UJ	MS-L, SS-L	mg/kg
14D0945	14D0945-12	SW8082A	SD14OF81300FS	Aroclor-1016	0.0474	U	0.0474	UJ	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D0945	14D0945-12	SW8082A	SD14OF81300FS	Aroclor-1221	0.0474	U	0.0474	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8082A	SD14OF81300FS	Aroclor-1232	0.0474	U	0.0474	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8082A	SD14OF81300FS	Aroclor-1242	0.0474	U	0.0474	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8082A	SD14OF81300FS	Aroclor-1248	0.0474	U	0.0474	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8082A	SD14OF81300FS	Aroclor-1254	0.0474	U	0.0474	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8082A	SD14OF81300FS	Aroclor-1260	0.0474	U	0.0474	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8082A	SD14OF81300FS	Aroclor-1262	0.0474	U	0.0474	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8082A	SD14OF81300FS	Aroclor-1268	0.826		0.826	J	SS-L	mg/kg
14D0945	14D0945-12	SW8082A	SD14OF81300FS	PCB (total)	0.826		0.826	J	SS-L	mg/kg
14D1010	14D1010-08	SW8082A	SD14OF80800FS	Aroclor-1016	0.0433	U	0.0433	UJ	SS-L	mg/kg
14D1010	14D1010-08	SW8082A	SD14OF80800FS	Aroclor-1221	0.0433	U	0.0433	UJ	SS-L	mg/kg
14D1010	14D1010-08	SW8082A	SD14OF80800FS	Aroclor-1232	0.0433	U	0.0433	UJ	SS-L	mg/kg
14D1010	14D1010-08	SW8082A	SD14OF80800FS	Aroclor-1242	0.0433	U	0.0433	UJ	SS-L	mg/kg
14D1010	14D1010-08	SW8082A	SD14OF80800FS	Aroclor-1248	0.0433	U	0.0433	UJ	SS-L	mg/kg
14D1010	14D1010-08	SW8082A	SD14OF80800FS	Aroclor-1254	0.0433	U	0.0433	UJ	SS-L	mg/kg
14D1010	14D1010-08	SW8082A	SD14OF80800FS	Aroclor-1260	0.0923		0.0923	J	SS-L	mg/kg
14D1010	14D1010-08	SW8082A	SD14OF80800FS	Aroclor-1262	0.0433	U	0.0433	UJ	SS-L	mg/kg
14D1010	14D1010-08	SW8082A	SD14OF80800FS	Aroclor-1268	0.0433	U	0.0433	UJ	SS-L	mg/kg
14D1010	14D1010-08	SW8082A	SD14OF80800FS	PCB (total)	0.0923		0.0923	J	SS-L	mg/kg
14D1010	14D1010-10	SW8082A	SD14OF80100FS	Aroclor-1016	0.0371	U	0.0371	UJ	SS-L	mg/kg
14D1010	14D1010-10	SW8082A	SD14OF80100FS	Aroclor-1221	0.0371	U	0.0371	UJ	SS-L	mg/kg
14D1010	14D1010-10	SW8082A	SD14OF80100FS	Aroclor-1232	0.0371	U	0.0371	UJ	SS-L	mg/kg
14D1010	14D1010-10	SW8082A	SD14OF80100FS	Aroclor-1242	0.0371	U	0.0371	UJ	SS-L	mg/kg
14D1010	14D1010-10	SW8082A	SD14OF80100FS	Aroclor-1248	0.0371	U	0.0371	UJ	SS-L	mg/kg
14D1010	14D1010-10	SW8082A	SD14OF80100FS	Aroclor-1254	0.0371	U	0.0371	UJ	SS-L	mg/kg
14D1010	14D1010-10	SW8082A	SD14OF80100FS	Aroclor-1260	0.0371	U	0.0371	UJ	SS-L	mg/kg
14D1010	14D1010-10	SW8082A	SD14OF80100FS	Aroclor-1262	0.0371	U	0.0371	UJ	SS-L	mg/kg
14D1010	14D1010-10	SW8082A	SD14OF80100FS	Aroclor-1268	0.0371	U	0.0371	UJ	SS-L	mg/kg
14D1010	14D1010-10	SW8082A	SD14OF80100FS	PCB (total)	0.0371	U	0.0371	UJ	SS-L	mg/kg
14E0005	14E0005-08	SW8270 SIM	SD14TFZA6700FS	Acenaphthene	0.101	U	0.101	UJ	LCS-L	mg/kg
14E0005	14E0005-08	SW8270 SIM	SD14TFZA6700FS	Acenaphthylene	0.101	U	0.101	UJ	LCS-L	mg/kg
14E0005	14E0005-08	SW8270 SIM	SD14TFZA6700FS	Naphthalene	0.101	U		R	LCS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0005	14E0005-02	SW8270 SIM	SD14TFZA5600FS	Acenaphthene	0.0279	U	0.0279	UJ	LCS-L	mg/kg
14E0005	14E0005-02	SW8270 SIM	SD14TFZA5600FS	Acenaphthylene	0.0418	D	0.0418	J	LCS-L	mg/kg
14E0005	14E0005-02	SW8270 SIM	SD14TFZA5600FS	Naphthalene	0.0279	U		R	LCS-L	mg/kg
14E0005	14E0005-01	SW8270 SIM	SD14TFZA4500FS	Acenaphthene	0.0365	U		R	LCS-L, PM	mg/kg
14E0005	14E0005-01	SW8270 SIM	SD14TFZA4500FS	Acenaphthylene	0.0365	U		R	LCS-L, PM	mg/kg
14E0005	14E0005-01	SW8270 SIM	SD14TFZA4500FS	Anthracene	0.0365	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270 SIM	SD14TFZA4500FS	Benzo(a)anthracene	0.0621	D	0.0621	J	PM	mg/kg
14E0005	14E0005-01	SW8270 SIM	SD14TFZA4500FS	Benzo(a)pyrene	0.0749	D	0.0749	J	PM	mg/kg
14E0005	14E0005-01	SW8270 SIM	SD14TFZA4500FS	Benzo(b)fluoranthene	0.0384	D	0.0384	J	PM	mg/kg
14E0005	14E0005-01	SW8270 SIM	SD14TFZA4500FS	Benzo(ghi)perylene	0.0475	D	0.0475	J	PM	mg/kg
14E0005	14E0005-01	SW8270 SIM	SD14TFZA4500FS	Benzo(k)fluoranthene	0.0713	D	0.0713	J	PM	mg/kg
14E0005	14E0005-01	SW8270 SIM	SD14TFZA4500FS	Chrysene	0.0713	D	0.0713	J	PM	mg/kg
14E0005	14E0005-01	SW8270 SIM	SD14TFZA4500FS	Dibenz(a,h)anthracene	0.0365	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270 SIM	SD14TFZA4500FS	Fluoranthene	0.17	D	0.17	J	PM	mg/kg
14E0005	14E0005-01	SW8270 SIM	SD14TFZA4500FS	Fluorene	0.0365	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270 SIM	SD14TFZA4500FS	Indeno(1,2,3-cd)pyrene	0.0439	D	0.0439	J	PM	mg/kg
14E0005	14E0005-01	SW8270 SIM	SD14TFZA4500FS	Naphthalene	0.0365	U		R	LCS-L, PM	mg/kg
14E0005	14E0005-01	SW8270 SIM	SD14TFZA4500FS	Phenanthrene	0.0804	D	0.0804	J	PM	mg/kg
14E0005	14E0005-01	SW8270 SIM	SD14TFZA4500FS	Pyrene	0.15	D	0.15	J	PM	mg/kg
14E0166	14E0166-30	SW8270 SIM	SD14TFL500FS	Acenaphthene	0.0431	U	0.0431	UJ	LCS-L, LCS-RPD	mg/kg
14E0166	14E0166-30	SW8270 SIM	SD14TFL500FS	Acenaphthylene	0.0431	U	0.0431	UJ	LCS-RPD	mg/kg
14E0166	14E0166-30	SW8270 SIM	SD14TFL500FS	Naphthalene	0.0431	U		R	LCS-L	mg/kg
14E0166	14E0166-29	SW8270 SIM	SD14TFL300FS	Acenaphthene	0.0502	U	0.0502	UJ	LCS-L, LCS-RPD	mg/kg
14E0166	14E0166-29	SW8270 SIM	SD14TFL300FS	Acenaphthylene	0.1	D	0.1	J	LCS-RPD	mg/kg
14E0166	14E0166-29	SW8270 SIM	SD14TFL300FS	Naphthalene	0.0502	U		R	LCS-L	mg/kg
14E0166	14E0166-28	SW8270 SIM	SD14TFK500FS	Acenaphthene	0.0363	U	0.0363	UJ	LCS-L, LCS-RPD	mg/kg
14E0166	14E0166-28	SW8270 SIM	SD14TFK500FS	Acenaphthylene	0.0363	U	0.0363	UJ	LCS-RPD	mg/kg
14E0166	14E0166-28	SW8270 SIM	SD14TFK500FS	Naphthalene	0.0363	U		R	LCS-L	mg/kg
14E0079	14E0079-09	SW8270 SIM	SD14TFK300FS	Acenaphthene	0.0795	U		R	LCS-L	mg/kg
14E0079	14E0079-09	SW8270 SIM	SD14TFK300FS	Acenaphthylene	0.0795	U		R	LCS-L	mg/kg
14E0079	14E0079-09	SW8270 SIM	SD14TFK300FS	Benzo(b)fluoranthene	0.373	D	0.373	J	LCS-RPD	mg/kg
14E0079	14E0079-09	SW8270 SIM	SD14TFK300FS	Fluorene	0.0795	U	0.0795	UJ	LCS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0079	14E0079-09	SW8270 SIM	SD14TFK300FS	Naphthalene	0.0795	U		R	LCS-L	mg/kg
14D1010	14D1010-04	SW8270 SIM	SD14TFK200FS	Acenaphthene	0.0342	U		R	LCS-L	mg/kg
14D1010	14D1010-04	SW8270 SIM	SD14TFK200FS	Acenaphthylene	0.0342	U		R	LCS-L	mg/kg
14D1010	14D1010-04	SW8270 SIM	SD14TFK200FS	Benzo(b)fluoranthene	0.0786	D	0.0786	J	LCS-RPD	mg/kg
14D1010	14D1010-04	SW8270 SIM	SD14TFK200FS	Fluorene	0.0342	U	0.0342	UJ	LCS-L	mg/kg
14D1010	14D1010-04	SW8270 SIM	SD14TFK200FS	Naphthalene	0.0342	U		R	LCS-L	mg/kg
14D1167	14D1167-11	SW8270 SIM	SD14TFJ500FS	Benzo(b)fluoranthene	0.533	D	0.533	J	LCS-RPD	mg/kg
14E0079	14E0079-10	SW8270 SIM	SD14TFJ400FS	Acenaphthene	0.0726	U		R	LCS-L	mg/kg
14E0079	14E0079-10	SW8270 SIM	SD14TFJ400FS	Acenaphthylene	0.0799	D	0.0799	J	LCS-L	mg/kg
14E0079	14E0079-10	SW8270 SIM	SD14TFJ400FS	Benzo(b)fluoranthene	0.465	D	0.465	J	LCS-RPD	mg/kg
14E0079	14E0079-10	SW8270 SIM	SD14TFJ400FS	Fluorene	0.0726	U	0.0726	UJ	LCS-L	mg/kg
14E0079	14E0079-10	SW8270 SIM	SD14TFJ400FS	Naphthalene	0.0726	U		R	LCS-L	mg/kg
14D1167	14D1167-10	SW8270 SIM	SD14TFJ300FS	Benzo(b)fluoranthene	0.3	D	0.3	J	LCS-RPD	mg/kg
14D1167	14D1167-09	SW8270 SIM	SD14TFJ200FS	Benzo(b)fluoranthene	0.539	D	0.539	J	LCS-RPD	mg/kg
14D1046	14D1046-10	SW8270 SIM	SD14TFHJ100FS	Acenaphthene	0.16	U	0.16	UJ	LCS-L, LCS-RPD	mg/kg
14D1046	14D1046-10	SW8270 SIM	SD14TFHJ100FS	Acenaphthylene	0.16	U	0.16	UJ	LCS-L	mg/kg
14D1046	14D1046-10	SW8270 SIM	SD14TFHJ100FS	Naphthalene	0.16	U	0.16	UJ	LCS-L	mg/kg
14E0166	14E0166-27	SW8270 SIM	SD14TFH500FS	Acenaphthene	0.221	D	0.221	J	LCS-L, LCS-RPD	mg/kg
14E0166	14E0166-27	SW8270 SIM	SD14TFH500FS	Acenaphthylene	0.245	D	0.245	J	LCS-RPD	mg/kg
14E0166	14E0166-27	SW8270 SIM	SD14TFH500FS	Naphthalene	0.0859	D	0.0859	J	LCS-L	mg/kg
14E0079	14E0079-21	SW8270 SIM	SD14TFH400FS	Acenaphthene	0.423	U		R	LCS-L	mg/kg
14E0079	14E0079-21	SW8270 SIM	SD14TFH400FS	Acenaphthylene	0.423	U		R	LCS-L	mg/kg
14E0079	14E0079-21	SW8270 SIM	SD14TFH400FS	Benzo(b)fluoranthene	1.67	D	1.67	J	LCS-RPD	mg/kg
14E0079	14E0079-21	SW8270 SIM	SD14TFH400FS	Fluorene	0.423	U	0.423	UJ	LCS-L	mg/kg
14E0079	14E0079-21	SW8270 SIM	SD14TFH400FS	Naphthalene	0.423	U		R	LCS-L	mg/kg
14E0079	14E0079-08	SW8270 SIM	SD14TFH300FS	Acenaphthene	0.0854	U		R	LCS-L	mg/kg
14E0079	14E0079-08	SW8270 SIM	SD14TFH300FS	Acenaphthylene	0.0854	U		R	LCS-L	mg/kg
14E0079	14E0079-08	SW8270 SIM	SD14TFH300FS	Benzo(b)fluoranthene	0.35	D	0.35	J	LCS-RPD	mg/kg
14E0079	14E0079-08	SW8270 SIM	SD14TFH300FS	Fluorene	0.0854	U	0.0854	UJ	LCS-L	mg/kg
14E0079	14E0079-08	SW8270 SIM	SD14TFH300FS	Naphthalene	0.0854	U		R	LCS-L	mg/kg
14D1046	14D1046-14	SW8270 SIM	SD14TFH200FS	Acenaphthene	1.81	D	1.81	J	LCS-L, LCS-RPD	mg/kg
14D1046	14D1046-14	SW8270 SIM	SD14TFH200FS	Acenaphthylene	0.666	D	0.666	J	LCS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1046	14D1046-14	SW8270 SIM	SD14TFH200FS	Naphthalene	0.754	D	0.754	J	LCS-L	mg/kg
14D1046	14D1046-09	SW8270 SIM	SD14TFGH100FS	Acenaphthene	0.593	D	0.593	J	LCS-L, LCS-RPD	mg/kg
14D1046	14D1046-09	SW8270 SIM	SD14TFGH100FS	Acenaphthylene	0.329	U	0.329	UJ	LCS-L	mg/kg
14D1046	14D1046-09	SW8270 SIM	SD14TFGH100FS	Naphthalene	0.329	U	0.329	UJ	LCS-L	mg/kg
14E0166	14E0166-26	SW8270 SIM	SD14TFG500FS	Acenaphthene	0.042	U	0.042	UJ	LCS-L, LCS-RPD	mg/kg
14E0166	14E0166-26	SW8270 SIM	SD14TFG500FS	Acenaphthylene	0.0652	D	0.0652	J	LCS-RPD	mg/kg
14E0166	14E0166-26	SW8270 SIM	SD14TFG500FS	Naphthalene	0.042	U		R	LCS-L	mg/kg
14D1130	14D1130-04	SW8270 SIM	SD14TFG400FS	Acenaphthene	0.0328	U	0.0328	UJ	LCS-L, LCS-RPD	mg/kg
14D1130	14D1130-04	SW8270 SIM	SD14TFG400FS	Acenaphthylene	0.0328	U	0.0328	UJ	LCS-RPD	mg/kg
14D1130	14D1130-04	SW8270 SIM	SD14TFG400FS	Naphthalene	0.0328	U		R	LCS-L	mg/kg
14D1167	14D1167-19	SW8270 SIM	SD14TFG300FS	Benzo(b)fluoranthene	0.401	D	0.401	J	LCS-RPD	mg/kg
14D1167	14D1167-18	SW8270 SIM	SD14TFG200FS	Benzo(b)fluoranthene	0.398	D	0.398	J	LCS-RPD	mg/kg
14D1167	14D1167-17	SW8270 SIM	SD14TFG100FS	Benzo(b)fluoranthene	0.148	D	0.148	J	LCS-RPD	mg/kg
14E0166	14E0166-25	SW8270 SIM	SD14TFF600FS	Acenaphthene	0.0511	D	0.0511	J	LCS-L, LCS-RPD	mg/kg
14E0166	14E0166-25	SW8270 SIM	SD14TFF600FS	Acenaphthylene	0.0687	D	0.0687	J	LCS-RPD	mg/kg
14E0166	14E0166-25	SW8270 SIM	SD14TFF600FS	Naphthalene	0.044	D	0.044	J	LCS-L	mg/kg
14E0079	14E0079-02	SW8270 SIM	SD14TFF500FS	Acenaphthene	0.0159	U		R	LCS-L	mg/kg
14E0079	14E0079-02	SW8270 SIM	SD14TFF500FS	Acenaphthylene	0.0159	U		R	LCS-L	mg/kg
14E0079	14E0079-02	SW8270 SIM	SD14TFF500FS	Benzo(b)fluoranthene	0.0159	U	0.0159	UJ	LCS-RPD	mg/kg
14E0079	14E0079-02	SW8270 SIM	SD14TFF500FS	Fluorene	0.0159	U	0.0159	UJ	LCS-L	mg/kg
14E0079	14E0079-02	SW8270 SIM	SD14TFF500FS	Naphthalene	0.0159	U		R	LCS-L	mg/kg
14E0079	14E0079-03	SW8270 SIM	SD14TFF400FS	Acenaphthene	0.00924	U		R	LCS-L	mg/kg
14E0079	14E0079-03	SW8270 SIM	SD14TFF400FS	Acenaphthylene	0.00924	U		R	LCS-L	mg/kg
14E0079	14E0079-03	SW8270 SIM	SD14TFF400FS	Benzo(b)fluoranthene	0.0143		0.0143	J	LCS-RPD	mg/kg
14E0079	14E0079-03	SW8270 SIM	SD14TFF400FS	Fluorene	0.00924	U	0.00924	UJ	LCS-L	mg/kg
14E0079	14E0079-03	SW8270 SIM	SD14TFF400FS	Naphthalene	0.00924	U		R	LCS-L	mg/kg
14D1167	14D1167-16	SW8270 SIM	SD14TFF100FS	Benzo(b)fluoranthene	0.103	D	0.103	J	LCS-RPD	mg/kg
14D1046	14D1046-11	SW8270 SIM	SD14TFEF000FS	Acenaphthene	0.235	U	0.235	UJ	LCS-L, LCS-RPD	mg/kg
14D1046	14D1046-11	SW8270 SIM	SD14TFEF000FS	Acenaphthylene	0.235	U	0.235	UJ	LCS-L	mg/kg
14D1046	14D1046-11	SW8270 SIM	SD14TFEF000FS	Naphthalene	0.235	U	0.235	UJ	LCS-L	mg/kg
14E0166	14E0166-24	SW8270 SIM	SD14TFE600FS	Acenaphthene	0.0963	D	0.0963	J	LCS-L, LCS-RPD	mg/kg
14E0166	14E0166-24	SW8270 SIM	SD14TFE600FS	Acenaphthylene	0.154	D	0.154	J	LCS-RPD	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0166	14E0166-24	SW8270 SIM	SD14TFE600FS	Naphthalene	0.0942	D	0.0942	J	LCS-L	mg/kg
14E0079	14E0079-05	SW8270 SIM	SD14TFE500FS	Acenaphthene	0.0159	U		R	LCS-L	mg/kg
14E0079	14E0079-05	SW8270 SIM	SD14TFE500FS	Acenaphthylene	0.0159	U		R	LCS-L	mg/kg
14E0079	14E0079-05	SW8270 SIM	SD14TFE500FS	Benzo(b)fluoranthene	0.0238	D	0.0238	J	LCS-RPD	mg/kg
14E0079	14E0079-05	SW8270 SIM	SD14TFE500FS	Fluorene	0.0159	U	0.0159	UJ	LCS-L	mg/kg
14E0079	14E0079-05	SW8270 SIM	SD14TFE500FS	Naphthalene	0.0159	U		R	LCS-L	mg/kg
14E0079	14E0079-04	SW8270 SIM	SD14TFE400FS	Acenaphthene	0.0415	U		R	LCS-L	mg/kg
14E0079	14E0079-04	SW8270 SIM	SD14TFE400FS	Acenaphthylene	0.0602	D	0.0602	J	LCS-L	mg/kg
14E0079	14E0079-04	SW8270 SIM	SD14TFE400FS	Benzo(b)fluoranthene	0.208	D	0.208	J	LCS-RPD	mg/kg
14E0079	14E0079-04	SW8270 SIM	SD14TFE400FS	Fluorene	0.0415	U	0.0415	UJ	LCS-L	mg/kg
14E0079	14E0079-04	SW8270 SIM	SD14TFE400FS	Naphthalene	0.0415	U		R	LCS-L	mg/kg
14E0079	14E0079-06	SW8270 SIM	SD14TFE300FS	Acenaphthene	0.0423	U		R	LCS-L	mg/kg
14E0079	14E0079-06	SW8270 SIM	SD14TFE300FS	Acenaphthylene	0.0423	U		R	LCS-L	mg/kg
14E0079	14E0079-06	SW8270 SIM	SD14TFE300FS	Benzo(b)fluoranthene	0.0994	D	0.0994	J	LCS-RPD	mg/kg
14E0079	14E0079-06	SW8270 SIM	SD14TFE300FS	Fluorene	0.0423	U	0.0423	UJ	LCS-L	mg/kg
14E0079	14E0079-06	SW8270 SIM	SD14TFE300FS	Naphthalene	0.0423	U		R	LCS-L	mg/kg
14E0005	14E0005-07	SW8270 SIM	SD14TFE100FS	Acenaphthene	0.458	U	0.458	UJ	LCS-L	mg/kg
14E0005	14E0005-07	SW8270 SIM	SD14TFE100FS	Acenaphthylene	0.458	U	0.458	UJ	LCS-L	mg/kg
14E0005	14E0005-07	SW8270 SIM	SD14TFE100FS	Naphthalene	0.458	U		R	LCS-L	mg/kg
14D1046	14D1046-07	SW8270 SIM	SD14TFDE000FS	Acenaphthene	0.852	D	0.852	J	FD, LCS-L, LCS-RPD	mg/kg
14D1046	14D1046-07	SW8270 SIM	SD14TFDE000FS	Acenaphthylene	0.568	D	0.568	J	LCS-L	mg/kg
14D1046	14D1046-07	SW8270 SIM	SD14TFDE000FS	Benzo(a)anthracene	2.91	D	2.91	J	FD	mg/kg
14D1046	14D1046-07	SW8270 SIM	SD14TFDE000FS	Dibenz(a,h)anthracene	1.73	D	1.73	J	FD	mg/kg
14D1046	14D1046-07	SW8270 SIM	SD14TFDE000FS	Fluorene	1.27	D	1.27	J	FD	mg/kg
14D1046	14D1046-07	SW8270 SIM	SD14TFDE000FS	Indeno(1,2,3-cd)pyrene	3.5	D	3.5	J	FD	mg/kg
14D1046	14D1046-07	SW8270 SIM	SD14TFDE000FS	Naphthalene	0.46	D	0.46	J	LCS-L	mg/kg
14D1046	14D1046-08	SW8270 SIM	SD14TFDE000FD	Acenaphthene	0.412	D	0.412	J	FD, LCS-L, LCS-RPD	mg/kg
14D1046	14D1046-08	SW8270 SIM	SD14TFDE000FD	Acenaphthylene	0.55	D	0.55	J	LCS-L	mg/kg
14D1046	14D1046-08	SW8270 SIM	SD14TFDE000FD	Benzo(a)anthracene	5.51	D	5.51	J	FD	mg/kg
14D1046	14D1046-08	SW8270 SIM	SD14TFDE000FD	Dibenz(a,h)anthracene	1.02	D	1.02	J	FD	mg/kg
14D1046	14D1046-08	SW8270 SIM	SD14TFDE000FD	Fluorene	0.611	D	0.611	J	FD	mg/kg
14D1046	14D1046-08	SW8270 SIM	SD14TFDE000FD	Indeno(1,2,3-cd)pyrene	2.05	D	2.05	J	FD	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1046	14D1046-08	SW8270 SIM	SD14TFDE000FD	Naphthalene	0.504	D	0.504	J	LCS-L	mg/kg
14E0079	14E0079-07	SW8270 SIM	SD14TFD500FS	Acenaphthene	0.0424	U		R	LCS-L	mg/kg
14E0079	14E0079-07	SW8270 SIM	SD14TFD500FS	Acenaphthylene	0.0424	U		R	LCS-L	mg/kg
14E0079	14E0079-07	SW8270 SIM	SD14TFD500FS	Benzo(b)fluoranthene	0.131	D	0.131	J	LCS-RPD	mg/kg
14E0079	14E0079-07	SW8270 SIM	SD14TFD500FS	Fluorene	0.0424	U	0.0424	UJ	LCS-L	mg/kg
14E0079	14E0079-07	SW8270 SIM	SD14TFD500FS	Naphthalene	0.0424	U		R	LCS-L	mg/kg
14D1167	14D1167-15	SW8270 SIM	SD14TFD100FS	Benzo(b)fluoranthene	0.137	D	0.137	J	LCS-RPD	mg/kg
14E0005	14E0005-12	SW8270 SIM	SD14TFC700FS	Acenaphthene	0.166	U	0.166	UJ	LCS-L	mg/kg
14E0005	14E0005-12	SW8270 SIM	SD14TFC700FS	Acenaphthylene	0.166	U	0.166	UJ	LCS-L	mg/kg
14E0005	14E0005-12	SW8270 SIM	SD14TFC700FS	Naphthalene	0.166	U		R	LCS-L	mg/kg
14E0237	14E0237-08	SW8270 SIM	SD14TFC600FS	Acenaphthene	0.0861	U	0.0861	UJ	LCS-L, LCS-RPD	mg/kg
14E0237	14E0237-08	SW8270 SIM	SD14TFC600FS	Acenaphthylene	0.116	D	0.116	J	LCS-RPD	mg/kg
14E0237	14E0237-08	SW8270 SIM	SD14TFC600FS	Naphthalene	0.0861	U		R	LCS-L	mg/kg
14E0237	14E0237-07	SW8270 SIM	SD14TFC500FS	Acenaphthene	0.0837	U	0.0837	UJ	LCS-L, LCS-RPD	mg/kg
14E0237	14E0237-07	SW8270 SIM	SD14TFC500FS	Acenaphthylene	0.117	D	0.117	J	LCS-RPD	mg/kg
14E0237	14E0237-07	SW8270 SIM	SD14TFC500FS	Naphthalene	0.0837	U		R	LCS-L	mg/kg
14E0237	14E0237-06	SW8270 SIM	SD14TFC400FS	Acenaphthene	0.0789	U	0.0789	UJ	LCS-L, LCS-RPD	mg/kg
14E0237	14E0237-06	SW8270 SIM	SD14TFC400FS	Acenaphthylene	0.134	D	0.134	J	LCS-RPD	mg/kg
14E0237	14E0237-06	SW8270 SIM	SD14TFC400FS	Naphthalene	0.0789	U		R	LCS-L	mg/kg
14E0237	14E0237-05	SW8270 SIM	SD14TFC300FS	Acenaphthene	0.0464	U	0.0464	UJ	LCS-L, LCS-RPD	mg/kg
14E0237	14E0237-05	SW8270 SIM	SD14TFC300FS	Acenaphthylene	0.058	D	0.058	J	LCS-RPD	mg/kg
14E0237	14E0237-05	SW8270 SIM	SD14TFC300FS	Naphthalene	0.0464	U		R	LCS-L	mg/kg
14E0237	14E0237-04	SW8270 SIM	SD14TFC200FS	Acenaphthene	0.188	U	0.188	UJ	LCS-L, LCS-RPD	mg/kg
14E0237	14E0237-04	SW8270 SIM	SD14TFC200FS	Acenaphthylene	0.188	U	0.188	UJ	LCS-RPD	mg/kg
14E0237	14E0237-04	SW8270 SIM	SD14TFC200FS	Naphthalene	0.188	U		R	LCS-L	mg/kg
14E0079	14E0079-01	SW8270 SIM	SD14TFC100FS	Acenaphthene	0.0677	U		R	LCS-L	mg/kg
14E0079	14E0079-01	SW8270 SIM	SD14TFC100FS	Acenaphthylene	0.0677	U		R	LCS-L	mg/kg
14E0079	14E0079-01	SW8270 SIM	SD14TFC100FS	Benzo(b)fluoranthene	0.406	D	0.406	J	LCS-RPD	mg/kg
14E0079	14E0079-01	SW8270 SIM	SD14TFC100FS	Fluorene	0.0677	U	0.0677	UJ	LCS-L	mg/kg
14E0079	14E0079-01	SW8270 SIM	SD14TFC100FS	Naphthalene	0.0677	U		R	LCS-L	mg/kg
14D1167	14D1167-14	SW8270 SIM	SD14TFB700FS	Benzo(b)fluoranthene	0.28	D	0.28	J	LCS-RPD	mg/kg
14E0237	14E0237-03	SW8270 SIM	SD14TFB600FS	Acenaphthene	0.19	U	0.19	UJ	LCS-L, LCS-RPD	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0237	14E0237-03	SW8270 SIM	SD14TFB600FS	Acenaphthylene	0.19	U	0.19	UJ	LCS-RPD	mg/kg
14E0237	14E0237-03	SW8270 SIM	SD14TFB600FS	Naphthalene	0.19	U		R	LCS-L	mg/kg
14E0237	14E0237-02	SW8270 SIM	SD14TFB500FS	Acenaphthene	0.0804	U	0.0804	UJ	LCS-L, LCS-RPD	mg/kg
14E0237	14E0237-02	SW8270 SIM	SD14TFB500FS	Acenaphthylene	0.121	D	0.121	J	LCS-RPD	mg/kg
14E0237	14E0237-02	SW8270 SIM	SD14TFB500FS	Naphthalene	0.0804	U		R	LCS-L	mg/kg
14E0005	14E0005-06	SW8270 SIM	SD14TFB400FS	Acenaphthene	0.113	U	0.113	UJ	LCS-L	mg/kg
14E0005	14E0005-06	SW8270 SIM	SD14TFB400FS	Acenaphthylene	0.113	U	0.113	UJ	LCS-L	mg/kg
14E0005	14E0005-06	SW8270 SIM	SD14TFB400FS	Naphthalene	0.113	U		R	LCS-L	mg/kg
14E0237	14E0237-01	SW8270 SIM	SD14TFB300FS	Acenaphthene	0.0478	U	0.0478	UJ	LCS-L, LCS-RPD	mg/kg
14E0237	14E0237-01	SW8270 SIM	SD14TFB300FS	Acenaphthylene	0.0598	D	0.0598	J	LCS-RPD	mg/kg
14E0237	14E0237-01	SW8270 SIM	SD14TFB300FS	Naphthalene	0.0478	U		R	LCS-L	mg/kg
14E0005	14E0005-05	SW8270 SIM	SD14TFB200FS	Acenaphthene	0.258	U	0.258	UJ	LCS-L	mg/kg
14E0005	14E0005-05	SW8270 SIM	SD14TFB200FS	Acenaphthylene	0.258	U	0.258	UJ	LCS-L	mg/kg
14E0005	14E0005-05	SW8270 SIM	SD14TFB200FS	Naphthalene	0.258	U		R	LCS-L	mg/kg
14D1046	14D1046-12	SW8270 SIM	SD14TFB100FS	Acenaphthene	0.119	U	0.119	UJ	LCS-L, LCS-RPD	mg/kg
14D1046	14D1046-12	SW8270 SIM	SD14TFB100FS	Acenaphthylene	0.119	U	0.119	UJ	LCS-L	mg/kg
14D1046	14D1046-12	SW8270 SIM	SD14TFB100FS	Anthracene	0.172	D	0.172	J	FD	mg/kg
14D1046	14D1046-12	SW8270 SIM	SD14TFB100FS	Benzo(a)pyrene	0.463	D	0.463	J	FD	mg/kg
14D1046	14D1046-12	SW8270 SIM	SD14TFB100FS	Benzo(b)fluoranthene	0.481	D	0.481	J	FD	mg/kg
14D1046	14D1046-12	SW8270 SIM	SD14TFB100FS	Benzo(ghi)perylene	0.143	D	0.143	J	FD	mg/kg
14D1046	14D1046-12	SW8270 SIM	SD14TFB100FS	Dibenz(a,h)anthracene	0.119	U	0.119	UJ	FD	mg/kg
14D1046	14D1046-12	SW8270 SIM	SD14TFB100FS	Indeno(1,2,3-cd)pyrene	0.149	D	0.149	J	FD	mg/kg
14D1046	14D1046-12	SW8270 SIM	SD14TFB100FS	Naphthalene	0.119	U	0.119	UJ	LCS-L	mg/kg
14D1046	14D1046-13	SW8270 SIM	SD14TFB100FD	Acenaphthene	0.118	U	0.118	UJ	LCS-L, LCS-RPD	mg/kg
14D1046	14D1046-13	SW8270 SIM	SD14TFB100FD	Acenaphthylene	0.118	U	0.118	UJ	LCS-L	mg/kg
14D1046	14D1046-13	SW8270 SIM	SD14TFB100FD	Anthracene	0.313	D	0.313	J	FD	mg/kg
14D1046	14D1046-13	SW8270 SIM	SD14TFB100FD	Benzo(a)pyrene	0.774	D	0.774	J	FD	mg/kg
14D1046	14D1046-13	SW8270 SIM	SD14TFB100FD	Benzo(b)fluoranthene	0.916	D	0.916	J	FD	mg/kg
14D1046	14D1046-13	SW8270 SIM	SD14TFB100FD	Benzo(ghi)perylene	0.307	D	0.307	J	FD	mg/kg
14D1046	14D1046-13	SW8270 SIM	SD14TFB100FD	Dibenz(a,h)anthracene	0.142	D	0.142	J	FD	mg/kg
14D1046	14D1046-13	SW8270 SIM	SD14TFB100FD	Indeno(1,2,3-cd)pyrene	0.296	D	0.296	J	FD	mg/kg
14D1046	14D1046-13	SW8270 SIM	SD14TFB100FD	Naphthalene	0.118	U	0.118	UJ	LCS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-13	SW8270 SIM	SD14TFA700FS	Benzo(b)fluoranthene	0.374	D	0.374	J	LCS-RPD	mg/kg
14E0005	14E0005-11	SW8270 SIM	SD14TFA600FS	Acenaphthene	0.257	U	0.257	UJ	LCS-L	mg/kg
14E0005	14E0005-11	SW8270 SIM	SD14TFA600FS	Acenaphthylene	0.257	U	0.257	UJ	LCS-L	mg/kg
14E0005	14E0005-11	SW8270 SIM	SD14TFA600FS	Naphthalene	0.257	U		R	LCS-L	mg/kg
14E0005	14E0005-09	SW8270 SIM	SD14TFA500FS	Acenaphthene	0.122	U	0.122	UJ	LCS-L	mg/kg
14E0005	14E0005-09	SW8270 SIM	SD14TFA500FS	Acenaphthylene	0.122	U	0.122	UJ	LCS-L	mg/kg
14E0005	14E0005-09	SW8270 SIM	SD14TFA500FS	Benzo(a)anthracene	0.122	U	0.122	UJ	FD	mg/kg
14E0005	14E0005-09	SW8270 SIM	SD14TFA500FS	Benzo(a)pyrene	0.134	D	0.134	J	FD	mg/kg
14E0005	14E0005-09	SW8270 SIM	SD14TFA500FS	Benzo(b)fluoranthene	0.122	U	0.122	UJ	FD	mg/kg
14E0005	14E0005-09	SW8270 SIM	SD14TFA500FS	Benzo(ghi)perylene	0.122	U	0.122	UJ	FD	mg/kg
14E0005	14E0005-09	SW8270 SIM	SD14TFA500FS	Fluoranthene	0.201	D	0.201	J	FD	mg/kg
14E0005	14E0005-09	SW8270 SIM	SD14TFA500FS	Indeno(1,2,3-cd)pyrene	0.122	U	0.122	UJ	FD	mg/kg
14E0005	14E0005-09	SW8270 SIM	SD14TFA500FS	Naphthalene	0.122	U		R	LCS-L	mg/kg
14E0005	14E0005-09	SW8270 SIM	SD14TFA500FS	Phenanthrene	0.122	U	0.122	UJ	FD	mg/kg
14E0005	14E0005-10	SW8270 SIM	SD14TFA500FD	Acenaphthene	0.123	U	0.123	UJ	LCS-L	mg/kg
14E0005	14E0005-10	SW8270 SIM	SD14TFA500FD	Acenaphthylene	0.123	U	0.123	UJ	LCS-L	mg/kg
14E0005	14E0005-10	SW8270 SIM	SD14TFA500FD	Benzo(a)anthracene	0.178	D	0.178	J	FD	mg/kg
14E0005	14E0005-10	SW8270 SIM	SD14TFA500FD	Benzo(a)pyrene	0.227	D	0.227	J	FD	mg/kg
14E0005	14E0005-10	SW8270 SIM	SD14TFA500FD	Benzo(b)fluoranthene	0.215	D	0.215	J	FD	mg/kg
14E0005	14E0005-10	SW8270 SIM	SD14TFA500FD	Benzo(ghi)perylene	0.154	D	0.154	J	FD	mg/kg
14E0005	14E0005-10	SW8270 SIM	SD14TFA500FD	Fluoranthene	0.338	D	0.338	J	FD	mg/kg
14E0005	14E0005-10	SW8270 SIM	SD14TFA500FD	Indeno(1,2,3-cd)pyrene	0.129	D	0.129	J	FD	mg/kg
14E0005	14E0005-10	SW8270 SIM	SD14TFA500FD	Naphthalene	0.123	U		R	LCS-L	mg/kg
14E0005	14E0005-10	SW8270 SIM	SD14TFA500FD	Phenanthrene	0.141	D	0.141	J	FD	mg/kg
14E0005	14E0005-04	SW8270 SIM	SD14TFA400FS	Acenaphthene	0.0241	U	0.0241	UJ	LCS-L	mg/kg
14E0005	14E0005-04	SW8270 SIM	SD14TFA400FS	Acenaphthylene	0.0362	D	0.0362	J	LCS-L	mg/kg
14E0005	14E0005-04	SW8270 SIM	SD14TFA400FS	Naphthalene	0.0241	U		R	LCS-L	mg/kg
14E0005	14E0005-03	SW8270 SIM	SD14TFA300FS	Acenaphthene	0.0101	U	0.0101	UJ	LCS-L	mg/kg
14E0005	14E0005-03	SW8270 SIM	SD14TFA300FS	Acenaphthylene	0.0192	D	0.0192	J	LCS-L	mg/kg
14E0005	14E0005-03	SW8270 SIM	SD14TFA300FS	Naphthalene	0.0116	D	0.0116	J	LCS-L	mg/kg
14D1167	14D1167-12	SW8270 SIM	SD14TFA200FS	Benzo(b)fluoranthene	0.0866	D	0.0866	J	LCS-RPD	mg/kg
14D1130	14D1130-03	SW8270 SIM	SD14TFA100FS	Acenaphthene	0.0363	U	0.0363	UJ	LCS-L, LCS-RPD	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1130	14D1130-03	SW8270 SIM	SD14TFA100FS	Acenaphthylene	0.0762	D	0.0762	J	LCS-RPD	mg/kg
14D1130	14D1130-03	SW8270 SIM	SD14TFA100FS	Naphthalene	0.0363	U		R	LCS-L	mg/kg
14D1167	14D1167-08	SW8270 SIM	SD14REFUS200FS	Benzo(b)fluoranthene	0.0468	D	0.0468	J	LCS-RPD	mg/kg
14D1167	14D1167-07	SW8270 SIM	SD14REFUS100FS	Benzo(b)fluoranthene	0.0907	D	0.0907	J	LCS-RPD	mg/kg
14D1167	14D1167-06	SW8270 SIM	SD14REF1800FS	Benzo(b)fluoranthene	0.085	D	0.085	J	LCS-RPD	mg/kg
14D1167	14D1167-05	SW8270 SIM	SD14REF1700FS	Benzo(b)fluoranthene	0.0633	D	0.0633	J	LCS-RPD	mg/kg
14D1167	14D1167-01	SW8270 SIM	SD14REF0500FS	Acenaphthylene	0.0661	U	0.0661	UJ	FD	mg/kg
14D1167	14D1167-01	SW8270 SIM	SD14REF0500FS	Anthracene	0.0859	D	0.0859	J	FD	mg/kg
14D1167	14D1167-01	SW8270 SIM	SD14REF0500FS	Benzo(b)fluoranthene	0.218	D	0.218	J	LCS-RPD	mg/kg
14D1167	14D1167-01	SW8270 SIM	SD14REF0500FS	Dibenz(a,h)anthracene	0.0661	U	0.0661	UJ	FD	mg/kg
14D1167	14D1167-01	SW8270 SIM	SD14REF0500FS	Phenanthrene	0.116	D	0.116	J	FD	mg/kg
14D1167	14D1167-02	SW8270 SIM	SD14REF0500FD	Acenaphthylene	0.0702	D	0.0702	J	FD	mg/kg
14D1167	14D1167-02	SW8270 SIM	SD14REF0500FD	Anthracene	0.388	D	0.388	J	FD	mg/kg
14D1167	14D1167-02	SW8270 SIM	SD14REF0500FD	Benzo(b)fluoranthene	0.287	D	0.287	J	LCS-RPD	mg/kg
14D1167	14D1167-02	SW8270 SIM	SD14REF0500FD	Dibenz(a,h)anthracene	0.0735	D	0.0735	J	FD	mg/kg
14D1167	14D1167-02	SW8270 SIM	SD14REF0500FD	Phenanthrene	0.234	D	0.234	J	FD	mg/kg
14D1167	14D1167-04	SW8270 SIM	SD14REF0300FS	Benzo(b)fluoranthene	0.159	D	0.159	J	LCS-RPD	mg/kg
14D1167	14D1167-03	SW8270 SIM	SD14REF0200FS	Benzo(b)fluoranthene	0.324	D	0.324	J	LCS-RPD	mg/kg
14D0945	14D0945-11	SW8270 SIM	SD14OF81900FS	Acenaphthene	0.11	U	0.11	UJ	LCS-L	mg/kg
14D0945	14D0945-11	SW8270 SIM	SD14OF81900FS	Acenaphthylene	0.11	U	0.11	UJ	LCS-L	mg/kg
14D0945	14D0945-11	SW8270 SIM	SD14OF81900FS	Naphthalene	0.11	U		R	LCS-L	mg/kg
14D1046	14D1046-06	SW8270 SIM	SD14OF81800FS	Acenaphthene	0.121	U	0.121	UJ	LCS-L, LCS-RPD	mg/kg
14D1046	14D1046-06	SW8270 SIM	SD14OF81800FS	Acenaphthylene	0.157	D	0.157	J	LCS-L	mg/kg
14D1046	14D1046-06	SW8270 SIM	SD14OF81800FS	Naphthalene	0.121	U	0.121	UJ	LCS-L	mg/kg
14D0945	14D0945-07	SW8270 SIM	SD14OF81700FS	Acenaphthene	0.62	U	0.62	UJ	LCS-L	mg/kg
14D0945	14D0945-07	SW8270 SIM	SD14OF81700FS	Acenaphthylene	0.62	U	0.62	UJ	LCS-L	mg/kg
14D0945	14D0945-07	SW8270 SIM	SD14OF81700FS	Naphthalene	0.62	U		R	LCS-L	mg/kg
14D0945	14D0945-08	SW8270 SIM	SD14OF81600FS	Acenaphthene	0.0888	U	0.0888	UJ	LCS-L	mg/kg
14D0945	14D0945-08	SW8270 SIM	SD14OF81600FS	Acenaphthylene	0.0888	U	0.0888	UJ	LCS-L	mg/kg
14D0945	14D0945-08	SW8270 SIM	SD14OF81600FS	Naphthalene	0.0888	U		R	LCS-L	mg/kg
14D0945	14D0945-09	SW8270 SIM	SD14OF81500FS	Acenaphthene	0.0825	U	0.0825	UJ	LCS-L	mg/kg
14D0945	14D0945-09	SW8270 SIM	SD14OF81500FS	Acenaphthylene	0.0825	U	0.0825	UJ	LCS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D0945	14D0945-09	SW8270 SIM	SD14OF81500FS	Naphthalene	0.0825	U		R	LCS-L	mg/kg
14D0945	14D0945-10	SW8270 SIM	SD14OF81400FS	Acenaphthene	0.103	U	0.103	UJ	LCS-L	mg/kg
14D0945	14D0945-10	SW8270 SIM	SD14OF81400FS	Acenaphthylene	0.103	U	0.103	UJ	LCS-L	mg/kg
14D0945	14D0945-10	SW8270 SIM	SD14OF81400FS	Naphthalene	0.103	U		R	LCS-L	mg/kg
14D0945	14D0945-12	SW8270 SIM	SD14OF81300FS	Acenaphthene	0.0951	U	0.0951	UJ	LCS-L	mg/kg
14D0945	14D0945-12	SW8270 SIM	SD14OF81300FS	Acenaphthylene	0.0951	U	0.0951	UJ	LCS-L	mg/kg
14D0945	14D0945-12	SW8270 SIM	SD14OF81300FS	Naphthalene	0.0951	U		R	LCS-L	mg/kg
14D1010	14D1010-05	SW8270 SIM	SD14OF81200FS	Acenaphthene	0.0358	U		R	LCS-L	mg/kg
14D1010	14D1010-05	SW8270 SIM	SD14OF81200FS	Acenaphthylene	0.0358	U		R	LCS-L	mg/kg
14D1010	14D1010-05	SW8270 SIM	SD14OF81200FS	Benzo(b)fluoranthene	0.156	D	0.156	J	LCS-RPD	mg/kg
14D1010	14D1010-05	SW8270 SIM	SD14OF81200FS	Fluorene	0.0358	U	0.0358	UJ	LCS-L	mg/kg
14D1010	14D1010-05	SW8270 SIM	SD14OF81200FS	Naphthalene	0.0358	U		R	LCS-L	mg/kg
14D1010	14D1010-06	SW8270 SIM	SD14OF81100FS	Acenaphthene	0.0446	U		R	LCS-L	mg/kg
14D1010	14D1010-06	SW8270 SIM	SD14OF81100FS	Acenaphthylene	0.0446	U		R	LCS-L	mg/kg
14D1010	14D1010-06	SW8270 SIM	SD14OF81100FS	Benzo(b)fluoranthene	0.118	D	0.118	J	LCS-RPD	mg/kg
14D1010	14D1010-06	SW8270 SIM	SD14OF81100FS	Fluorene	0.0446	U	0.0446	UJ	LCS-L	mg/kg
14D1010	14D1010-06	SW8270 SIM	SD14OF81100FS	Naphthalene	0.0446	U		R	LCS-L	mg/kg
14D1010	14D1010-07	SW8270 SIM	SD14OF81000FS	Acenaphthene	0.0179		0.0179	J	LCS-L	mg/kg
14D1010	14D1010-07	SW8270 SIM	SD14OF81000FS	Acenaphthylene	0.0153		0.0153	J	LCS-L	mg/kg
14D1010	14D1010-07	SW8270 SIM	SD14OF81000FS	Benzo(b)fluoranthene	0.00938		0.00938	J	LCS-RPD	mg/kg
14D1010	14D1010-07	SW8270 SIM	SD14OF81000FS	Fluorene	0.0217		0.0217	J	LCS-L	mg/kg
14D1010	14D1010-07	SW8270 SIM	SD14OF81000FS	Naphthalene	0.0115		0.0115	J	LCS-L	mg/kg
14D1046	14D1046-05	SW8270 SIM	SD14OF80900FS	Acenaphthene	0.164	U	0.164	UJ	LCS-L, LCS-RPD	mg/kg
14D1046	14D1046-05	SW8270 SIM	SD14OF80900FS	Acenaphthylene	0.164	U	0.164	UJ	LCS-L	mg/kg
14D1046	14D1046-05	SW8270 SIM	SD14OF80900FS	Naphthalene	0.164	U	0.164	UJ	LCS-L	mg/kg
14D1010	14D1010-08	SW8270 SIM	SD14OF80800FS	Acenaphthene	0.0433	U		R	LCS-L	mg/kg
14D1010	14D1010-08	SW8270 SIM	SD14OF80800FS	Acenaphthylene	0.0433	U		R	LCS-L	mg/kg
14D1010	14D1010-08	SW8270 SIM	SD14OF80800FS	Benzo(b)fluoranthene	0.052	D	0.052	J	LCS-RPD	mg/kg
14D1010	14D1010-08	SW8270 SIM	SD14OF80800FS	Fluorene	0.0433	U	0.0433	UJ	LCS-L	mg/kg
14D1010	14D1010-08	SW8270 SIM	SD14OF80800FS	Naphthalene	0.0433	U		R	LCS-L	mg/kg
14D1010	14D1010-09	SW8270 SIM	SD14OF80700FS	Acenaphthene	0.0459	U		R	LCS-L	mg/kg
14D1010	14D1010-09	SW8270 SIM	SD14OF80700FS	Acenaphthylene	0.0459	U		R	LCS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1010	14D1010-09	SW8270 SIM	SD14OF80700FS	Benzo(b)fluoranthene	0.142	D	0.142	J	LCS-RPD	mg/kg
14D1010	14D1010-09	SW8270 SIM	SD14OF80700FS	Fluorene	0.0459	U	0.0459	UJ	LCS-L	mg/kg
14D1010	14D1010-09	SW8270 SIM	SD14OF80700FS	Naphthalene	0.0459	U		R	LCS-L	mg/kg
14D1046	14D1046-04	SW8270 SIM	SD14OF80600FS	Acenaphthene	0.114	U	0.114	UJ	LCS-L, LCS-RPD	mg/kg
14D1046	14D1046-04	SW8270 SIM	SD14OF80600FS	Acenaphthylene	0.114	U	0.114	UJ	LCS-L	mg/kg
14D1046	14D1046-04	SW8270 SIM	SD14OF80600FS	Naphthalene	0.114	U	0.114	UJ	LCS-L	mg/kg
14D1046	14D1046-03	SW8270 SIM	SD14OF80500FS	Acenaphthene	0.18	U	0.18	UJ	LCS-L, LCS-RPD	mg/kg
14D1046	14D1046-03	SW8270 SIM	SD14OF80500FS	Acenaphthylene	0.18	U	0.18	UJ	LCS-L	mg/kg
14D1046	14D1046-03	SW8270 SIM	SD14OF80500FS	Naphthalene	0.18	U	0.18	UJ	LCS-L	mg/kg
14D1010	14D1010-12	SW8270 SIM	SD14OF80400FS	Acenaphthene	0.19	U		R	LCS-L	mg/kg
14D1010	14D1010-12	SW8270 SIM	SD14OF80400FS	Acenaphthylene	0.19	U		R	LCS-L	mg/kg
14D1010	14D1010-12	SW8270 SIM	SD14OF80400FS	Benzo(b)fluoranthene	0.19	U	0.19	UJ	LCS-RPD	mg/kg
14D1010	14D1010-12	SW8270 SIM	SD14OF80400FS	Fluorene	0.19	U	0.19	UJ	LCS-L	mg/kg
14D1010	14D1010-12	SW8270 SIM	SD14OF80400FS	Naphthalene	0.19	U		R	LCS-L	mg/kg
14D1010	14D1010-11	SW8270 SIM	SD14OF80300FS	Acenaphthene	0.19	U		R	LCS-L	mg/kg
14D1010	14D1010-11	SW8270 SIM	SD14OF80300FS	Acenaphthylene	0.19	U		R	LCS-L	mg/kg
14D1010	14D1010-11	SW8270 SIM	SD14OF80300FS	Benzo(b)fluoranthene	0.246	D	0.246	J	LCS-RPD	mg/kg
14D1010	14D1010-11	SW8270 SIM	SD14OF80300FS	Fluorene	0.19	U	0.19	UJ	LCS-L	mg/kg
14D1010	14D1010-11	SW8270 SIM	SD14OF80300FS	Naphthalene	0.19	U		R	LCS-L	mg/kg
14D1046	14D1046-01	SW8270 SIM	SD14OF80200FS	Acenaphthene	0.0986	U	0.0986	UJ	LCS-L, LCS-RPD	mg/kg
14D1046	14D1046-01	SW8270 SIM	SD14OF80200FS	Acenaphthylene	0.0986	U	0.0986	UJ	LCS-L	mg/kg
14D1046	14D1046-01	SW8270 SIM	SD14OF80200FS	Naphthalene	0.0986	U	0.0986	UJ	LCS-L	mg/kg
14D1046	14D1046-02	SW8270 SIM	SD14OF80200FD	Acenaphthene	0.0859	U	0.0859	UJ	LCS-L, LCS-RPD	mg/kg
14D1046	14D1046-02	SW8270 SIM	SD14OF80200FD	Acenaphthylene	0.0859	U	0.0859	UJ	LCS-L	mg/kg
14D1046	14D1046-02	SW8270 SIM	SD14OF80200FD	Naphthalene	0.0859	U	0.0859	UJ	LCS-L	mg/kg
14D1010	14D1010-10	SW8270 SIM	SD14OF80100FS	Acenaphthene	0.0371	U		R	LCS-L	mg/kg
14D1010	14D1010-10	SW8270 SIM	SD14OF80100FS	Acenaphthylene	0.0371	U		R	LCS-L	mg/kg
14D1010	14D1010-10	SW8270 SIM	SD14OF80100FS	Benzo(b)fluoranthene	0.0779	D	0.0779	J	LCS-RPD	mg/kg
14D1010	14D1010-10	SW8270 SIM	SD14OF80100FS	Fluorene	0.0371	U	0.0371	UJ	LCS-L	mg/kg
14D1010	14D1010-10	SW8270 SIM	SD14OF80100FS	Naphthalene	0.0371	U		R	LCS-L	mg/kg
14D0945	14D0945-11	SW8270D	SD14OF81900FS	1,2,4-Trichlorobenzene	0.55	U	0.55	UJ	LCS-L	mg/kg
14D0945	14D0945-11	SW8270D	SD14OF81900FS	2,4-Dinitrophenol	1.1	U	1.1	UJ	LCS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D0945	14D0945-11	SW8270D	SD14OF81900FS	2-Chlorophenol	0.55	U	0.55	UJ	LCS-L	mg/kg
14D0945	14D0945-11	SW8270D	SD14OF81900FS	Aniline	0.55	U	0.55	UJ	LCS-L	mg/kg
14D0945	14D0945-11	SW8270D	SD14OF81900FS	Bis(2-Chloroethyl)ether	0.55	U	0.55	UJ	LCS-L	mg/kg
14D0945	14D0945-11	SW8270D	SD14OF81900FS	2,2'-Dichlorodiisopropylether	0.55	U	0.55	UJ	LCS-L	mg/kg
14D0945	14D0945-11	SW8270D	SD14OF81900FS	Hexachlorobutadiene	0.55	U	0.55	UJ	LCS-L	mg/kg
14D0945	14D0945-11	SW8270D	SD14OF81900FS	Hexachlorocyclopentadiene	0.55	U	0.55	UJ	LCS-L	mg/kg
14D0945	14D0945-11	SW8270D	SD14OF81900FS	Hexachloroethane	0.55	U		R	LCS-L	mg/kg
14D0945	14D0945-11	SW8270D	SD14OF81900FS	Nitrobenzene	0.55	U	0.55	UJ	LCS-L	mg/kg
14D0945	14D0945-11	SW8270D	SD14OF81900FS	Pyridine	0.55	U		R	LCS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	1,2,4,5-Tetrachlorobenzene	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	1,2,4-Trichlorobenzene	0.387	U	0.387	UJ	LCS-L, SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	1-Methylnaphthalene	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	2,4-Dinitrophenol	0.775	U	0.775	UJ	LCS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	2,4-Dinitrotoluene	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	2,6-Dinitrotoluene	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	2-Chloronaphthalene	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	2-Chlorophenol	0.387	U	0.387	UJ	LCS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	2-Methylnaphthalene	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	2-Nitroaniline	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	3,3'-Dichlorobenzidine	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	3-Nitroaniline	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	4-Bromophenyl phenyl ether	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	4-Chloroaniline	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	4-Chlorophenyl phenyl ether	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	4-Nitroaniline	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	Aniline	0.387	U	0.387	UJ	LCS-L, SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	Bis(2-Chloroethoxy)methane	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	Bis(2-Chloroethyl)ether	0.387	U	0.387	UJ	LCS-L, SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	2,2'-Dichlorodiisopropylether	0.387	U	0.387	UJ	LCS-L, SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	Bis(2-Ethylhexyl)phthalate	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	Butylbenzylphthalate	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	Carbazole	0.387	U	0.387	UJ	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D0945	14D0945-07	SW8270D	SD14OF81700FS	Dibenzofuran	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	Diethylphthalate	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	Dimethylphthalate	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	Di-n-butylphthalate	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	Di-n-octylphthalate	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	Hexachlorobenzene	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	Hexachlorobutadiene	0.387	U	0.387	UJ	LCS-L, SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	Hexachlorocyclopentadiene	0.387	U	0.387	UJ	LCS-L, SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	Hexachloroethane	0.387	U		R	LCS-L, SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	Isophorone	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	Nitrobenzene	0.387	U	0.387	UJ	LCS-L, SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	N-Nitrosodi-n-propylamine	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	N-Nitrosodiphenylamine	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	Pentachloronitrobenzene	0.387	U	0.387	UJ	SS-L	mg/kg
14D0945	14D0945-07	SW8270D	SD14OF81700FS	Pyridine	0.387	U		R	LCS-L, SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	1,2,4,5-Tetrachlorobenzene	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	1,2,4-Trichlorobenzene	0.444	U	0.444	UJ	LCS-L, SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	1-Methylnaphthalene	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	2,4-Dinitrophenol	0.888	U	0.888	UJ	LCS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	2,4-Dinitrotoluene	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	2,6-Dinitrotoluene	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	2-Chloronaphthalene	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	2-Chlorophenol	0.444	U	0.444	UJ	LCS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	2-Methylnaphthalene	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	2-Nitroaniline	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	3,3'-Dichlorobenzidine	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	3-Nitroaniline	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	4-Bromophenyl phenyl ether	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	4-Chloroaniline	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	4-Chlorophenyl phenyl ether	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	4-Nitroaniline	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	Aniline	0.444	U	0.444	UJ	LCS-L, SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D0945	14D0945-08	SW8270D	SD14OF81600FS	Bis(2-Chloroethoxy)methane	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	Bis(2-Chloroethyl)ether	0.444	U	0.444	UJ	LCS-L, SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	2,2'-Dichlorodiisopropylether	0.444	U	0.444	UJ	LCS-L, SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	Bis(2-Ethylhexyl)phthalate	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	Butylbenzylphthalate	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	Carbazole	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	Dibenzofuran	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	Diethylphthalate	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	Dimethylphthalate	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	Di-n-butylphthalate	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	Di-n-octylphthalate	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	Hexachlorobenzene	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	Hexachlorobutadiene	0.444	U	0.444	UJ	LCS-L, SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	Hexachlorocyclopentadiene	0.444	U	0.444	UJ	LCS-L, SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	Hexachloroethane	0.444	U		R	LCS-L, SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	Isophorone	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	Nitrobenzene	0.444	U	0.444	UJ	LCS-L, SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	N-Nitrosodi-n-propylamine	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	N-Nitrosodiphenylamine	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	Pentachloronitrobenzene	0.444	U	0.444	UJ	SS-L	mg/kg
14D0945	14D0945-08	SW8270D	SD14OF81600FS	Pyridine	0.444	U		R	LCS-L, SS-L	mg/kg
14D0945	14D0945-09	SW8270D	SD14OF81500FS	1,2,4-Trichlorobenzene	0.412	U	0.412	UJ	LCS-L	mg/kg
14D0945	14D0945-09	SW8270D	SD14OF81500FS	2,4-Dinitrophenol	0.825	U	0.825	UJ	LCS-L	mg/kg
14D0945	14D0945-09	SW8270D	SD14OF81500FS	2-Chlorophenol	0.412	U	0.412	UJ	LCS-L	mg/kg
14D0945	14D0945-09	SW8270D	SD14OF81500FS	Aniline	0.412	U	0.412	UJ	LCS-L	mg/kg
14D0945	14D0945-09	SW8270D	SD14OF81500FS	Bis(2-Chloroethyl)ether	0.412	U	0.412	UJ	LCS-L	mg/kg
14D0945	14D0945-09	SW8270D	SD14OF81500FS	2,2'-Dichlorodiisopropylether	0.412	U	0.412	UJ	LCS-L	mg/kg
14D0945	14D0945-09	SW8270D	SD14OF81500FS	Hexachlorobutadiene	0.412	U	0.412	UJ	LCS-L	mg/kg
14D0945	14D0945-09	SW8270D	SD14OF81500FS	Hexachlorocyclopentadiene	0.412	U	0.412	UJ	LCS-L	mg/kg
14D0945	14D0945-09	SW8270D	SD14OF81500FS	Hexachloroethane	0.412	U		R	LCS-L	mg/kg
14D0945	14D0945-09	SW8270D	SD14OF81500FS	Nitrobenzene	0.412	U	0.412	UJ	LCS-L	mg/kg
14D0945	14D0945-09	SW8270D	SD14OF81500FS	Pyridine	0.412	U		R	LCS-L	mg/kg

**Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut**

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D0945	14D0945-10	SW8270D	SD14OF81400FS	1,2,4-Trichlorobenzene	0.517	U	0.517	UJ	LCS-L	mg/kg
14D0945	14D0945-10	SW8270D	SD14OF81400FS	2,4-Dinitrophenol	1.03	U	1.03	UJ	LCS-L	mg/kg
14D0945	14D0945-10	SW8270D	SD14OF81400FS	2-Chlorophenol	0.517	U	0.517	UJ	LCS-L	mg/kg
14D0945	14D0945-10	SW8270D	SD14OF81400FS	Aniline	0.517	U	0.517	UJ	LCS-L	mg/kg
14D0945	14D0945-10	SW8270D	SD14OF81400FS	Bis(2-Chloroethyl)ether	0.517	U	0.517	UJ	LCS-L	mg/kg
14D0945	14D0945-10	SW8270D	SD14OF81400FS	2,2'-Dichlorodiisopropylether	0.517	U	0.517	UJ	LCS-L	mg/kg
14D0945	14D0945-10	SW8270D	SD14OF81400FS	Hexachlorobutadiene	0.517	U	0.517	UJ	LCS-L	mg/kg
14D0945	14D0945-10	SW8270D	SD14OF81400FS	Hexachlorocyclopentadiene	0.517	U	0.517	UJ	LCS-L	mg/kg
14D0945	14D0945-10	SW8270D	SD14OF81400FS	Hexachloroethane	0.517	U		R	LCS-L	mg/kg
14D0945	14D0945-10	SW8270D	SD14OF81400FS	Nitrobenzene	0.517	U	0.517	UJ	LCS-L	mg/kg
14D0945	14D0945-10	SW8270D	SD14OF81400FS	Pyridine	0.517	U		R	LCS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	1,2,4,5-Tetrachlorobenzene	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	1,2,4-Trichlorobenzene	0.475	U	0.475	UJ	LCS-L, SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	1-Methylnaphthalene	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	2,4-Dinitrophenol	0.951	U	0.951	UJ	LCS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	2,4-Dinitrotoluene	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	2,6-Dinitrotoluene	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	2-Chloronaphthalene	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	2-Chlorophenol	0.475	U	0.475	UJ	LCS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	2-Methylnaphthalene	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	2-Nitroaniline	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	3,3'-Dichlorobenzidine	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	3-Nitroaniline	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	4-Bromophenyl phenyl ether	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	4-Chloroaniline	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	4-Chlorophenyl phenyl ether	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	4-Nitroaniline	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	Aniline	0.475	U	0.475	UJ	LCS-L, SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	Bis(2-Chloroethoxy)methane	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	Bis(2-Chloroethyl)ether	0.475	U	0.475	UJ	LCS-L, SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	2,2'-Dichlorodiisopropylether	0.475	U	0.475	UJ	LCS-L, SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	Bis(2-Ethylhexyl)phthalate	0.475	U	0.475	UJ	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D0945	14D0945-12	SW8270D	SD14OF81300FS	Butylbenzylphthalate	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	Carbazole	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	Dibenzofuran	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	Diethylphthalate	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	Dimethylphthalate	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	Di-n-butylphthalate	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	Di-n-octylphthalate	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	Hexachlorobenzene	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	Hexachlorobutadiene	0.475	U	0.475	UJ	LCS-L, SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	Hexachlorocyclopentadiene	0.475	U	0.475	UJ	LCS-L, SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	Hexachloroethane	0.475	U		R	LCS-L, SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	Isophorone	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	Nitrobenzene	0.475	U	0.475	UJ	LCS-L, SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	N-Nitrosodi-n-propylamine	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	N-Nitrosodiphenylamine	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	Pentachloronitrobenzene	0.475	U	0.475	UJ	SS-L	mg/kg
14D0945	14D0945-12	SW8270D	SD14OF81300FS	Pyridine	0.475	U		R	LCS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	1,2,4,5-Tetrachlorobenzene	0.342	U		R	MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	1,2,4-Trichlorobenzene	0.342	U		R	LCS-L, MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	1-Methylnaphthalene	0.342	U		R	LCS-L, MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	2,4,5-Trichlorophenol	0.342	U		R	SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	2,4,6-Trichlorophenol	0.342	U		R	SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	2,4-Dichlorophenol	0.342	U		R	MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	2,4-Dimethylphenol	0.342	U		R	MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	2,4-Dinitrophenol	0.683	U		R	LCS-L, MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	2,4-Dinitrotoluene	0.342	U		R	SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	2,6-Dinitrotoluene	0.342	U		R	MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	2-Chloronaphthalene	0.342	U		R	MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	2-Chlorophenol	0.342	U		R	LCS-L, MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	2-Methylnaphthalene	0.342	U		R	LCS-L, MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	2-Methylphenol	0.342	U		R	LCS-L, MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	2-Nitroaniline	0.342	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1010	14D1010-04	SW8270D	SD14TFK200FS	2-Nitrophenol	0.342	U		R	LCS-L, MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	3 & 4 Methylphenol	0.342	U		R	MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	3,3'-Dichlorobenzidine	0.342	U		R	SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	3-Nitroaniline	0.342	U		R	MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	4,6-Dinitro-2-methylphenol	0.683	U		R	MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	4-Bromophenyl phenyl ether	0.342	U		R	MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	4-Chloro-3-methylphenol	0.342	U		R	SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	4-Chloroaniline	0.342	U		R	MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	4-Chlorophenyl phenyl ether	0.342	U		R	MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	4-Nitroaniline	0.342	U		R	MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	4-Nitrophenol	0.342	U		R	MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	Aniline	0.342	U		R	LCS-L, MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	Bis(2-Chloroethoxy)methane	0.342	U		R	LCS-L, MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	Bis(2-Chloroethyl)ether	0.342	U		R	LCS-L, MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	2,2'-Dichlorodiisopropylether	0.342	U		R	LCS-L, MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	Bis(2-Ethylhexyl)phthalate	0.342	U		R	SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	Butylbenzylphthalate	0.342	U		R	SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	Carbazole	0.342	U		R	SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	Dibenzofuran	0.342	U		R	MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	Diethylphthalate	0.342	U		R	MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	Dimethylphthalate	0.342	U		R	MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	Di-n-butylphthalate	0.342	U		R	SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	Di-n-octylphthalate	0.342	U		R	SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	Hexachlorobenzene	0.342	U		R	SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	Hexachlorobutadiene	0.342	U		R	LCS-L, MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	Hexachlorocyclopentadiene	0.342	U		R	LCS-L, MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	Hexachloroethane	0.342	U		R	LCS-L, MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	Isophorone	0.342	U		R	LCS-L, MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	Nitrobenzene	0.342	U		R	LCS-L, MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	N-Nitrosodi-n-propylamine	0.342	U		R	LCS-L, MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	N-Nitrosodiphenylamine	0.342	U		R	MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	Pentachloronitrobenzene	0.342	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1010	14D1010-04	SW8270D	SD14TFK200FS	Pentachlorophenol	0.342	U		R	MS-L, SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	Phenol	0.342	U		R	SS-L	mg/kg
14D1010	14D1010-04	SW8270D	SD14TFK200FS	Pyridine	0.342	U		R	LCS-L, MS-L, SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	1,2,4,5-Tetrachlorobenzene	0.358	U	0.358	UJ	SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	1,2,4-Trichlorobenzene	0.358	U	0.358	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	1-Methylnaphthalene	0.358	U	0.358	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	2,4-Dinitrophenol	0.715	U	0.715	UJ	LCS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	2,4-Dinitrotoluene	0.358	U	0.358	UJ	SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	2,6-Dinitrotoluene	0.358	U	0.358	UJ	SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	2-Chloronaphthalene	0.358	U	0.358	UJ	SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	2-Chlorophenol	0.358	U	0.358	UJ	LCS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	2-Methylnaphthalene	0.358	U	0.358	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	2-Methylphenol	0.358	U	0.358	UJ	LCS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	2-Nitroaniline	0.358	U	0.358	UJ	SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	2-Nitrophenol	0.358	U	0.358	UJ	LCS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	3,3'-Dichlorobenzidine	0.358	U	0.358	UJ	SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	3-Nitroaniline	0.358	U	0.358	UJ	SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	4-Bromophenyl phenyl ether	0.358	U	0.358	UJ	SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	4-Chloroaniline	0.358	U	0.358	UJ	SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	4-Chlorophenyl phenyl ether	0.358	U	0.358	UJ	SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	4-Nitroaniline	0.358	U	0.358	UJ	SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	Aniline	0.358	U	0.358	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	Bis(2-Chloroethoxy)methane	0.358	U	0.358	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	Bis(2-Chloroethyl)ether	0.358	U		R	LCS-L, SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	2,2'-Dichlorodiisopropylether	0.358	U		R	LCS-L, SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	Bis(2-Ethylhexyl)phthalate	0.358	U	0.358	UJ	SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	Butylbenzylphthalate	0.358	U	0.358	UJ	SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	Carbazole	0.358	U	0.358	UJ	SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	Dibenzofuran	0.358	U	0.358	UJ	SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	Diethylphthalate	0.358	U	0.358	UJ	SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	Dimethylphthalate	0.358	U	0.358	UJ	SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	Di-n-butylphthalate	0.358	U	0.358	UJ	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1010	14D1010-05	SW8270D	SD14OF81200FS	Di-n-octylphthalate	0.358	U	0.358	UJ	SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	Hexachlorobenzene	0.358	U	0.358	UJ	SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	Hexachlorobutadiene	0.358	U		R	LCS-L, SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	Hexachlorocyclopentadiene	0.358	U		R	LCS-L, SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	Hexachloroethane	0.358	U		R	LCS-L, SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	Isophorone	0.358	U	0.358	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	Nitrobenzene	0.358	U	0.358	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	N-Nitrosodi-n-propylamine	0.358	U	0.358	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	N-Nitrosodiphenylamine	0.358	U	0.358	UJ	SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	Pentachloronitrobenzene	0.358	U	0.358	UJ	SS-L	mg/kg
14D1010	14D1010-05	SW8270D	SD14OF81200FS	Pyridine	0.358	U		R	LCS-L, SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	1,2,4,5-Tetrachlorobenzene	0.446	U	0.446	UJ	SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	1,2,4-Trichlorobenzene	0.446	U	0.446	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	1-Methylnaphthalene	0.446	U	0.446	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	2,4-Dinitrophenol	0.891	U	0.891	UJ	LCS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	2,4-Dinitrotoluene	0.446	U	0.446	UJ	SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	2,6-Dinitrotoluene	0.446	U	0.446	UJ	SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	2-Chloronaphthalene	0.446	U	0.446	UJ	SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	2-Chlorophenol	0.446	U	0.446	UJ	LCS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	2-Methylnaphthalene	0.446	U	0.446	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	2-Methylphenol	0.446	U	0.446	UJ	LCS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	2-Nitroaniline	0.446	U	0.446	UJ	SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	2-Nitrophenol	0.446	U	0.446	UJ	LCS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	3,3'-Dichlorobenzidine	0.446	U	0.446	UJ	SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	3-Nitroaniline	0.446	U	0.446	UJ	SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	4-Bromophenyl phenyl ether	0.446	U	0.446	UJ	SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	4-Chloroaniline	0.446	U	0.446	UJ	SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	4-Chlorophenyl phenyl ether	0.446	U	0.446	UJ	SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	4-Nitroaniline	0.446	U	0.446	UJ	SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	Aniline	0.446	U	0.446	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	Bis(2-Chloroethoxy)methane	0.446	U	0.446	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	Bis(2-Chloroethyl)ether	0.446	U		R	LCS-L, SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1010	14D1010-06	SW8270D	SD14OF81100FS	2,2'-Dichlorodisopropylether	0.446	U		R	LCS-L, SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	Bis(2-Ethylhexyl)phthalate	0.446	U	0.446	UJ	SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	Butylbenzylphthalate	0.446	U	0.446	UJ	SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	Carbazole	0.446	U	0.446	UJ	SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	Dibenzofuran	0.446	U	0.446	UJ	SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	Diethylphthalate	0.446	U	0.446	UJ	SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	Dimethylphthalate	0.446	U	0.446	UJ	SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	Di-n-butylphthalate	0.446	U	0.446	UJ	SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	Di-n-octylphthalate	0.446	U	0.446	UJ	SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	Hexachlorobenzene	0.446	U	0.446	UJ	SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	Hexachlorobutadiene	0.446	U		R	LCS-L, SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	Hexachlorocyclopentadiene	0.446	U		R	LCS-L, SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	Hexachloroethane	0.446	U		R	LCS-L, SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	Isophorone	0.446	U	0.446	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	Nitrobenzene	0.446	U	0.446	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	N-Nitrosodi-n-propylamine	0.446	U	0.446	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	N-Nitrosodiphenylamine	0.446	U	0.446	UJ	SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	Pentachloronitrobenzene	0.446	U	0.446	UJ	SS-L	mg/kg
14D1010	14D1010-06	SW8270D	SD14OF81100FS	Pyridine	0.446	U		R	LCS-L, SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	1,2,4,5-Tetrachlorobenzene	0.426	U	0.426	UJ	SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	1,2,4-Trichlorobenzene	0.426	U	0.426	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	1-Methylnaphthalene	0.426	U	0.426	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	2,4-Dinitrophenol	0.852	U	0.852	UJ	LCS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	2,4-Dinitrotoluene	0.426	U	0.426	UJ	SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	2,6-Dinitrotoluene	0.426	U	0.426	UJ	SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	2-Chloronaphthalene	0.426	U	0.426	UJ	SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	2-Chlorophenol	0.426	U	0.426	UJ	LCS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	2-Methylnaphthalene	0.426	U	0.426	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	2-Methylphenol	0.426	U	0.426	UJ	LCS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	2-Nitroaniline	0.426	U	0.426	UJ	SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	2-Nitrophenol	0.426	U	0.426	UJ	LCS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	3,3'-Dichlorobenzidine	0.426	U	0.426	UJ	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1010	14D1010-07	SW8270D	SD14OF81000FS	3-Nitroaniline	0.426	U	0.426	UJ	SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	4-Bromophenyl phenyl ether	0.426	U	0.426	UJ	SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	4-Chloroaniline	0.426	U	0.426	UJ	SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	4-Chlorophenyl phenyl ether	0.426	U	0.426	UJ	SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	4-Nitroaniline	0.426	U	0.426	UJ	SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	Aniline	0.426	U	0.426	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	Bis(2-Chloroethoxy)methane	0.426	U	0.426	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	Bis(2-Chloroethyl)ether	0.426	U		R	LCS-L, SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	2,2'-Dichlorodiisopropylether	0.426	U		R	LCS-L, SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	Bis(2-Ethylhexyl)phthalate	0.426	U	0.426	UJ	SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	Butylbenzylphthalate	0.426	U	0.426	UJ	SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	Carbazole	0.426	U	0.426	UJ	SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	Dibenzofuran	0.426	U	0.426	UJ	SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	Diethylphthalate	0.426	U	0.426	UJ	SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	Dimethylphthalate	0.426	U	0.426	UJ	SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	Di-n-butylphthalate	0.426	U	0.426	UJ	SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	Di-n-octylphthalate	0.426	U	0.426	UJ	SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	Hexachlorobenzene	0.426	U	0.426	UJ	SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	Hexachlorobutadiene	0.426	U		R	LCS-L, SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	Hexachlorocyclopentadiene	0.426	U		R	LCS-L, SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	Hexachloroethane	0.426	U		R	LCS-L, SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	Isophorone	0.426	U	0.426	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	Nitrobenzene	0.426	U	0.426	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	N-Nitrosodi-n-propylamine	0.426	U	0.426	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	N-Nitrosodiphenylamine	0.426	U	0.426	UJ	SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	Pentachloronitrobenzene	0.426	U	0.426	UJ	SS-L	mg/kg
14D1010	14D1010-07	SW8270D	SD14OF81000FS	Pyridine	0.426	U		R	LCS-L, SS-L	mg/kg
14D1010	14D1010-08	SW8270D	SD14OF80800FS	1,2,4-Trichlorobenzene	0.433	U	0.433	UJ	LCS-L	mg/kg
14D1010	14D1010-08	SW8270D	SD14OF80800FS	1-Methylnaphthalene	0.433	U	0.433	UJ	LCS-L	mg/kg
14D1010	14D1010-08	SW8270D	SD14OF80800FS	2,4-Dinitrophenol	0.866	U	0.866	UJ	LCS-L	mg/kg
14D1010	14D1010-08	SW8270D	SD14OF80800FS	2-Chlorophenol	0.433	U	0.433	UJ	LCS-L	mg/kg
14D1010	14D1010-08	SW8270D	SD14OF80800FS	2-Methylnaphthalene	0.433	U	0.433	UJ	LCS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1010	14D1010-08	SW8270D	SD14OF80800FS	2-Methylphenol	0.433	U	0.433	UJ	LCS-L	mg/kg
14D1010	14D1010-08	SW8270D	SD14OF80800FS	2-Nitrophenol	0.433	U	0.433	UJ	LCS-L	mg/kg
14D1010	14D1010-08	SW8270D	SD14OF80800FS	Aniline	0.433	U	0.433	UJ	LCS-L	mg/kg
14D1010	14D1010-08	SW8270D	SD14OF80800FS	Bis(2-Chloroethoxy)methane	0.433	U	0.433	UJ	LCS-L	mg/kg
14D1010	14D1010-08	SW8270D	SD14OF80800FS	Bis(2-Chloroethyl)ether	0.433	U		R	LCS-L	mg/kg
14D1010	14D1010-08	SW8270D	SD14OF80800FS	2,2'-Dichlorodiisopropylether	0.433	U		R	LCS-L	mg/kg
14D1010	14D1010-08	SW8270D	SD14OF80800FS	Hexachlorobutadiene	0.433	U		R	LCS-L	mg/kg
14D1010	14D1010-08	SW8270D	SD14OF80800FS	Hexachlorocyclopentadiene	0.433	U		R	LCS-L	mg/kg
14D1010	14D1010-08	SW8270D	SD14OF80800FS	Hexachloroethane	0.433	U		R	LCS-L	mg/kg
14D1010	14D1010-08	SW8270D	SD14OF80800FS	Isophorone	0.433	U	0.433	UJ	LCS-L	mg/kg
14D1010	14D1010-08	SW8270D	SD14OF80800FS	Nitrobenzene	0.433	U	0.433	UJ	LCS-L	mg/kg
14D1010	14D1010-08	SW8270D	SD14OF80800FS	N-Nitrosodi-n-propylamine	0.433	U	0.433	UJ	LCS-L	mg/kg
14D1010	14D1010-08	SW8270D	SD14OF80800FS	Pyridine	0.433	U		R	LCS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	1,2,4,5-Tetrachlorobenzene	0.459	U	0.459	UJ	SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	1,2,4-Trichlorobenzene	0.459	U	0.459	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	1-Methylnaphthalene	0.459	U	0.459	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	2,4-Dinitrophenol	0.918	U	0.918	UJ	LCS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	2,4-Dinitrotoluene	0.459	U	0.459	UJ	SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	2,6-Dinitrotoluene	0.459	U	0.459	UJ	SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	2-Chloronaphthalene	0.459	U	0.459	UJ	SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	2-Chlorophenol	0.459	U	0.459	UJ	LCS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	2-Methylnaphthalene	0.459	U	0.459	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	2-Methylphenol	0.459	U	0.459	UJ	LCS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	2-Nitroaniline	0.459	U	0.459	UJ	SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	2-Nitrophenol	0.459	U	0.459	UJ	LCS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	3,3'-Dichlorobenzidine	0.459	U	0.459	UJ	SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	3-Nitroaniline	0.459	U	0.459	UJ	SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	4-Bromophenyl phenyl ether	0.459	U	0.459	UJ	SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	4-Chloroaniline	0.459	U	0.459	UJ	SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	4-Chlorophenyl phenyl ether	0.459	U	0.459	UJ	SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	4-Nitroaniline	0.459	U	0.459	UJ	SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	Aniline	0.459	U	0.459	UJ	LCS-L, SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1010	14D1010-09	SW8270D	SD14OF80700FS	Bis(2-Chloroethoxy)methane	0.459	U	0.459	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	Bis(2-Chloroethyl)ether	0.459	U		R	LCS-L, SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	2,2'-Dichlorodiisopropylether	0.459	U		R	LCS-L, SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	Bis(2-Ethylhexyl)phthalate	0.459	U	0.459	UJ	SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	Butylbenzylphthalate	0.459	U	0.459	UJ	SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	Carbazole	0.459	U	0.459	UJ	SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	Dibenzofuran	0.459	U	0.459	UJ	SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	Diethylphthalate	0.459	U	0.459	UJ	SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	Dimethylphthalate	0.459	U	0.459	UJ	SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	Di-n-butylphthalate	0.459	U	0.459	UJ	SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	Di-n-octylphthalate	0.459	U	0.459	UJ	SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	Hexachlorobenzene	0.459	U	0.459	UJ	SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	Hexachlorobutadiene	0.459	U		R	LCS-L, SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	Hexachlorocyclopentadiene	0.459	U		R	LCS-L, SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	Hexachloroethane	0.459	U		R	LCS-L, SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	Isophorone	0.459	U	0.459	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	Nitrobenzene	0.459	U	0.459	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	N-Nitrosodi-n-propylamine	0.459	U	0.459	UJ	LCS-L, SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	N-Nitrosodiphenylamine	0.459	U	0.459	UJ	SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	Pentachloronitrobenzene	0.459	U	0.459	UJ	SS-L	mg/kg
14D1010	14D1010-09	SW8270D	SD14OF80700FS	Pyridine	0.459	U		R	LCS-L, SS-L	mg/kg
14D1010	14D1010-12	SW8270D	SD14OF80400FS	1,2,4-Trichlorobenzene	0.38	U	0.38	UJ	LCS-L	mg/kg
14D1010	14D1010-12	SW8270D	SD14OF80400FS	1-Methylnaphthalene	0.38	U	0.38	UJ	LCS-L	mg/kg
14D1010	14D1010-12	SW8270D	SD14OF80400FS	2,4-Dinitrophenol	0.76	U	0.76	UJ	LCS-L	mg/kg
14D1010	14D1010-12	SW8270D	SD14OF80400FS	2-Chlorophenol	0.38	U	0.38	UJ	LCS-L	mg/kg
14D1010	14D1010-12	SW8270D	SD14OF80400FS	2-Methylnaphthalene	0.38	U	0.38	UJ	LCS-L	mg/kg
14D1010	14D1010-12	SW8270D	SD14OF80400FS	2-Methylphenol	0.38	U	0.38	UJ	LCS-L	mg/kg
14D1010	14D1010-12	SW8270D	SD14OF80400FS	2-Nitrophenol	0.38	U	0.38	UJ	LCS-L	mg/kg
14D1010	14D1010-12	SW8270D	SD14OF80400FS	Aniline	0.38	U	0.38	UJ	LCS-L	mg/kg
14D1010	14D1010-12	SW8270D	SD14OF80400FS	Bis(2-Chloroethoxy)methane	0.38	U	0.38	UJ	LCS-L	mg/kg
14D1010	14D1010-12	SW8270D	SD14OF80400FS	Bis(2-Chloroethyl)ether	0.38	U		R	LCS-L	mg/kg
14D1010	14D1010-12	SW8270D	SD14OF80400FS	2,2'-Dichlorodiisopropylether	0.38	U		R	LCS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1010	14D1010-12	SW8270D	SD14OF80400FS	Hexachlorobutadiene	0.38	U		R	LCS-L	mg/kg
14D1010	14D1010-12	SW8270D	SD14OF80400FS	Hexachlorocyclopentadiene	0.38	U		R	LCS-L	mg/kg
14D1010	14D1010-12	SW8270D	SD14OF80400FS	Hexachloroethane	0.38	U		R	LCS-L	mg/kg
14D1010	14D1010-12	SW8270D	SD14OF80400FS	Isophorone	0.38	U	0.38	UJ	LCS-L	mg/kg
14D1010	14D1010-12	SW8270D	SD14OF80400FS	Nitrobenzene	0.38	U	0.38	UJ	LCS-L	mg/kg
14D1010	14D1010-12	SW8270D	SD14OF80400FS	N-Nitrosodi-n-propylamine	0.38	U	0.38	UJ	LCS-L	mg/kg
14D1010	14D1010-12	SW8270D	SD14OF80400FS	Pyridine	0.38	U		R	LCS-L	mg/kg
14D1010	14D1010-11	SW8270D	SD14OF80300FS	1,2,4-Trichlorobenzene	0.379	U	0.379	UJ	LCS-L	mg/kg
14D1010	14D1010-11	SW8270D	SD14OF80300FS	1-Methylnaphthalene	0.379	U	0.379	UJ	LCS-L	mg/kg
14D1010	14D1010-11	SW8270D	SD14OF80300FS	2,4-Dinitrophenol	0.758	U	0.758	UJ	LCS-L	mg/kg
14D1010	14D1010-11	SW8270D	SD14OF80300FS	2-Chlorophenol	0.379	U	0.379	UJ	LCS-L	mg/kg
14D1010	14D1010-11	SW8270D	SD14OF80300FS	2-Methylnaphthalene	0.379	U	0.379	UJ	LCS-L	mg/kg
14D1010	14D1010-11	SW8270D	SD14OF80300FS	2-Methylphenol	0.379	U	0.379	UJ	LCS-L	mg/kg
14D1010	14D1010-11	SW8270D	SD14OF80300FS	2-Nitrophenol	0.379	U	0.379	UJ	LCS-L	mg/kg
14D1010	14D1010-11	SW8270D	SD14OF80300FS	Aniline	0.379	U	0.379	UJ	LCS-L	mg/kg
14D1010	14D1010-11	SW8270D	SD14OF80300FS	Bis(2-Chloroethoxy)methane	0.379	U	0.379	UJ	LCS-L	mg/kg
14D1010	14D1010-11	SW8270D	SD14OF80300FS	Bis(2-Chloroethyl)ether	0.379	U		R	LCS-L	mg/kg
14D1010	14D1010-11	SW8270D	SD14OF80300FS	2,2'-Dichlorodiisopropylether	0.379	U		R	LCS-L	mg/kg
14D1010	14D1010-11	SW8270D	SD14OF80300FS	Hexachlorobutadiene	0.379	U		R	LCS-L	mg/kg
14D1010	14D1010-11	SW8270D	SD14OF80300FS	Hexachlorocyclopentadiene	0.379	U		R	LCS-L	mg/kg
14D1010	14D1010-11	SW8270D	SD14OF80300FS	Hexachloroethane	0.379	U		R	LCS-L	mg/kg
14D1010	14D1010-11	SW8270D	SD14OF80300FS	Isophorone	0.379	U	0.379	UJ	LCS-L	mg/kg
14D1010	14D1010-11	SW8270D	SD14OF80300FS	Nitrobenzene	0.379	U	0.379	UJ	LCS-L	mg/kg
14D1010	14D1010-11	SW8270D	SD14OF80300FS	N-Nitrosodi-n-propylamine	0.379	U	0.379	UJ	LCS-L	mg/kg
14D1010	14D1010-11	SW8270D	SD14OF80300FS	Pyridine	0.379	U		R	LCS-L	mg/kg
14D1010	14D1010-10	SW8270D	SD14OF80100FS	1,2,4-Trichlorobenzene	0.371	U	0.371	UJ	LCS-L	mg/kg
14D1010	14D1010-10	SW8270D	SD14OF80100FS	1-Methylnaphthalene	0.371	U	0.371	UJ	LCS-L	mg/kg
14D1010	14D1010-10	SW8270D	SD14OF80100FS	2,4-Dinitrophenol	0.742	U	0.742	UJ	LCS-L	mg/kg
14D1010	14D1010-10	SW8270D	SD14OF80100FS	2-Chlorophenol	0.371	U	0.371	UJ	LCS-L	mg/kg
14D1010	14D1010-10	SW8270D	SD14OF80100FS	2-Methylnaphthalene	0.371	U	0.371	UJ	LCS-L	mg/kg
14D1010	14D1010-10	SW8270D	SD14OF80100FS	2-Methylphenol	0.371	U	0.371	UJ	LCS-L	mg/kg
14D1010	14D1010-10	SW8270D	SD14OF80100FS	2-Nitrophenol	0.371	U	0.371	UJ	LCS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1010	14D1010-10	SW8270D	SD14OF80100FS	Aniline	0.371	U	0.371	UJ	LCS-L	mg/kg
14D1010	14D1010-10	SW8270D	SD14OF80100FS	Bis(2-Chloroethoxy)methane	0.371	U	0.371	UJ	LCS-L	mg/kg
14D1010	14D1010-10	SW8270D	SD14OF80100FS	Bis(2-Chloroethyl)ether	0.371	U		R	LCS-L	mg/kg
14D1010	14D1010-10	SW8270D	SD14OF80100FS	2,2'-Dichlorodiisopropylether	0.371	U		R	LCS-L	mg/kg
14D1010	14D1010-10	SW8270D	SD14OF80100FS	Hexachlorobutadiene	0.371	U		R	LCS-L	mg/kg
14D1010	14D1010-10	SW8270D	SD14OF80100FS	Hexachlorocyclopentadiene	0.371	U		R	LCS-L	mg/kg
14D1010	14D1010-10	SW8270D	SD14OF80100FS	Hexachloroethane	0.371	U		R	LCS-L	mg/kg
14D1010	14D1010-10	SW8270D	SD14OF80100FS	Isophorone	0.371	U	0.371	UJ	LCS-L	mg/kg
14D1010	14D1010-10	SW8270D	SD14OF80100FS	Nitrobenzene	0.371	U	0.371	UJ	LCS-L	mg/kg
14D1010	14D1010-10	SW8270D	SD14OF80100FS	N-Nitrosodi-n-propylamine	0.371	U	0.371	UJ	LCS-L	mg/kg
14D1010	14D1010-10	SW8270D	SD14OF80100FS	Pyridine	0.371	U		R	LCS-L	mg/kg
14D1046	14D1046-10	SW8270D	SD14TFHJ100FS	1,2,4-Trichlorobenzene	0.32	U	0.32	UJ	LCS-L	mg/kg
14D1046	14D1046-10	SW8270D	SD14TFHJ100FS	Aniline	0.32	U	0.32	UJ	LCS-L	mg/kg
14D1046	14D1046-10	SW8270D	SD14TFHJ100FS	2,2'-Dichlorodiisopropylether	0.32	U	0.32	UJ	LCS-L	mg/kg
14D1046	14D1046-10	SW8270D	SD14TFHJ100FS	Hexachlorobutadiene	0.32	U	0.32	UJ	LCS-L	mg/kg
14D1046	14D1046-10	SW8270D	SD14TFHJ100FS	Hexachlorocyclopentadiene	0.32	U	0.32	UJ	LCS-L	mg/kg
14D1046	14D1046-10	SW8270D	SD14TFHJ100FS	Hexachloroethane	0.32	U	0.32	UJ	LCS-L	mg/kg
14D1046	14D1046-10	SW8270D	SD14TFHJ100FS	Pyridine	0.32	U		R	LCS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	1,2,4,5-Tetrachlorobenzene	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	1,2,4-Trichlorobenzene	0.438	U		R	LCS-L, SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	1-Methylnaphthalene	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	2,4,5-Trichlorophenol	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	2,4,6-Trichlorophenol	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	2,4-Dichlorophenol	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	2,4-Dimethylphenol	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	2,4-Dinitrophenol	0.877	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	2,4-Dinitrotoluene	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	2,6-Dinitrotoluene	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	2-Chloronaphthalene	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	2-Chlorophenol	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	2-Methylnaphthalene	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	2-Methylphenol	0.438	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1046	14D1046-14	SW8270D	SD14TFH200FS	2-Nitroaniline	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	2-Nitrophenol	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	3 & 4 Methylphenol	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	3,3'-Dichlorobenzidine	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	3-Nitroaniline	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	4,6-Dinitro-2-methylphenol	0.877	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	4-Bromophenyl phenyl ether	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	4-Chloro-3-methylphenol	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	4-Chloroaniline	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	4-Chlorophenyl phenyl ether	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	4-Nitroaniline	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	4-Nitrophenol	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	Aniline	0.438	U		R	LCS-L, SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	Bis(2-Chloroethoxy)methane	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	Bis(2-Chloroethyl)ether	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	2,2'-Dichlorodiisopropylether	0.438	U		R	LCS-L, SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	Bis(2-Ethylhexyl)phthalate	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	Butylbenzylphthalate	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	Carbazole	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	Dibenzofuran	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	Diethylphthalate	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	Dimethylphthalate	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	Di-n-butylphthalate	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	Di-n-octylphthalate	4.38	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	Hexachlorobenzene	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	Hexachlorobutadiene	0.438	U		R	LCS-L, SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	Hexachlorocyclopentadiene	0.438	U		R	LCS-L, SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	Hexachloroethane	0.438	U		R	LCS-L, SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	Isophorone	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	Nitrobenzene	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	N-Nitrosodi-n-propylamine	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	N-Nitrosodiphenylamine	0.438	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1046	14D1046-14	SW8270D	SD14TFH200FS	Pentachloronitrobenzene	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	Pentachlorophenol	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	Phenol	0.438	U		R	SS-L	mg/kg
14D1046	14D1046-14	SW8270D	SD14TFH200FS	Pyridine	0.438	U		R	LCS-L, SS-L	mg/kg
14D1046	14D1046-09	SW8270D	SD14TFGH100FS	1,2,4-Trichlorobenzene	0.329	U	0.329	UJ	LCS-L	mg/kg
14D1046	14D1046-09	SW8270D	SD14TFGH100FS	Aniline	0.329	U	0.329	UJ	LCS-L	mg/kg
14D1046	14D1046-09	SW8270D	SD14TFGH100FS	2,2'-Dichlorodiisopropylether	0.329	U	0.329	UJ	LCS-L	mg/kg
14D1046	14D1046-09	SW8270D	SD14TFGH100FS	Hexachlorobutadiene	0.329	U	0.329	UJ	LCS-L	mg/kg
14D1046	14D1046-09	SW8270D	SD14TFGH100FS	Hexachlorocyclopentadiene	0.329	U	0.329	UJ	LCS-L	mg/kg
14D1046	14D1046-09	SW8270D	SD14TFGH100FS	Hexachloroethane	0.329	U	0.329	UJ	LCS-L	mg/kg
14D1046	14D1046-09	SW8270D	SD14TFGH100FS	Pyridine	0.329	U		R	LCS-L	mg/kg
14D1046	14D1046-11	SW8270D	SD14TFEF000FS	1,2,4-Trichlorobenzene	0.587	U	0.587	UJ	LCS-L	mg/kg
14D1046	14D1046-11	SW8270D	SD14TFEF000FS	Aniline	0.587	U	0.587	UJ	LCS-L	mg/kg
14D1046	14D1046-11	SW8270D	SD14TFEF000FS	2,2'-Dichlorodiisopropylether	0.587	U	0.587	UJ	LCS-L	mg/kg
14D1046	14D1046-11	SW8270D	SD14TFEF000FS	Hexachlorobutadiene	0.587	U	0.587	UJ	LCS-L	mg/kg
14D1046	14D1046-11	SW8270D	SD14TFEF000FS	Hexachlorocyclopentadiene	0.587	U	0.587	UJ	LCS-L	mg/kg
14D1046	14D1046-11	SW8270D	SD14TFEF000FS	Hexachloroethane	0.587	U	0.587	UJ	LCS-L	mg/kg
14D1046	14D1046-11	SW8270D	SD14TFEF000FS	Pyridine	0.587	U		R	LCS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	1,2,4-Trichlorobenzene	0.338	U	0.338	UJ	LCS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	2,4,5-Trichlorophenol	0.338	U	0.338	UJ	SS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	2,4,6-Trichlorophenol	0.338	U	0.338	UJ	SS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	2,4-Dichlorophenol	3.38	U	3.38	UJ	SS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	2,4-Dimethylphenol	0.338	U	0.338	UJ	SS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	2,4-Dinitrophenol	6.76	U		R	MS-L, SS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	2,4-Dinitrotoluene	3.38	U		R	MS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	2-Chlorophenol	0.338	U	0.338	UJ	SS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	2-Methylphenol	0.338	U	0.338	UJ	SS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	2-Nitrophenol	0.338	U		R	MS-L, SS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	3 & 4 Methylphenol	0.338	U	0.338	UJ	SS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	3,3'-Dichlorobenzidine	3.38	U	3.38	UJ	MS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	3-Nitroaniline	3.38	U		R	MS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	4,6-Dinitro-2-methylphenol	6.76	U		R	MS-L, SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	4-Chloro-3-methylphenol	3.38	U	3.38	UJ	SS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	4-Nitrophenol	0.338	U		R	MS-L, SS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	Aniline	0.338	U	0.338	UJ	LCS-L, MS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	Bis(2-Chloroethyl)ether	0.338	U	0.338	UJ	MS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	2,2'-Dichlorodiisopropylether	0.338	U	0.338	UJ	LCS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	Bis(2-Ethylhexyl)phthalate	13.8	D	13.8	J	LCS-H	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	Hexachlorobutadiene	0.338	U	0.338	UJ	LCS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	Hexachlorocyclopentadiene	0.338	U		R	LCS-L, MS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	Hexachloroethane	0.338	U		R	LCS-L, MS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	Isophorone	0.338	U		R	MS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	N-Nitrosodi-n-propylamine	0.338	U		R	MS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	Pentachloronitrobenzene	3.38	U		R	MS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	Pentachlorophenol	3.38	U		R	MS-L, SS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	Phenol	0.338	U	0.338	UJ	SS-L	mg/kg
14D1046	14D1046-07	SW8270D	SD14TFDE000FS	Pyridine	0.338	U		R	LCS-L, MS-L	mg/kg
14D1046	14D1046-08	SW8270D	SD14TFDE000FD	1,2,4-Trichlorobenzene	0.382	U	0.382	UJ	LCS-L	mg/kg
14D1046	14D1046-08	SW8270D	SD14TFDE000FD	2,4-Dinitrophenol	0.763	U		R	MS-L	mg/kg
14D1046	14D1046-08	SW8270D	SD14TFDE000FD	2,4-Dinitrotoluene	3.82	U		R	MS-L	mg/kg
14D1046	14D1046-08	SW8270D	SD14TFDE000FD	2-Nitrophenol	3.82	U		R	MS-L	mg/kg
14D1046	14D1046-08	SW8270D	SD14TFDE000FD	3,3'-Dichlorobenzidine	3.82	U	3.82	UJ	MS-L	mg/kg
14D1046	14D1046-08	SW8270D	SD14TFDE000FD	3-Nitroaniline	3.82	U		R	MS-L	mg/kg
14D1046	14D1046-08	SW8270D	SD14TFDE000FD	4,6-Dinitro-2-methylphenol	7.63	U		R	MS-L	mg/kg
14D1046	14D1046-08	SW8270D	SD14TFDE000FD	4-Nitrophenol	3.82	U		R	MS-L	mg/kg
14D1046	14D1046-08	SW8270D	SD14TFDE000FD	Aniline	0.382	U	0.382	UJ	LCS-L, MS-L	mg/kg
14D1046	14D1046-08	SW8270D	SD14TFDE000FD	Bis(2-Chloroethyl)ether	0.382	U	0.382	UJ	MS-L	mg/kg
14D1046	14D1046-08	SW8270D	SD14TFDE000FD	2,2'-Dichlorodiisopropylether	0.382	U	0.382	UJ	LCS-L	mg/kg
14D1046	14D1046-08	SW8270D	SD14TFDE000FD	Bis(2-Ethylhexyl)phthalate	11.9	D	11.9	J	LCS-H	mg/kg
14D1046	14D1046-08	SW8270D	SD14TFDE000FD	Hexachlorobutadiene	3.82	U	3.82	UJ	LCS-L	mg/kg
14D1046	14D1046-08	SW8270D	SD14TFDE000FD	Hexachlorocyclopentadiene	3.82	U		R	LCS-L, MS-L	mg/kg
14D1046	14D1046-08	SW8270D	SD14TFDE000FD	Hexachloroethane	0.382	U		R	LCS-L, MS-L	mg/kg
14D1046	14D1046-08	SW8270D	SD14TFDE000FD	Isophorone	0.382	U		R	MS-L	mg/kg
14D1046	14D1046-08	SW8270D	SD14TFDE000FD	N-Nitrosodi-n-propylamine	3.82	U		R	MS-L	mg/kg

**Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut**

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1046	14D1046-08	SW8270D	SD14TFDE000FD	Pentachloronitrobenzene	3.82	U		R	MS-L	mg/kg
14D1046	14D1046-08	SW8270D	SD14TFDE000FD	Pentachlorophenol	3.82	U		R	MS-L	mg/kg
14D1046	14D1046-08	SW8270D	SD14TFDE000FD	Pyridine	0.382	U		R	LCS-L, MS-L	mg/kg
14D1046	14D1046-12	SW8270D	SD14TFB100FS	1,2,4-Trichlorobenzene	0.594	U	0.594	UJ	LCS-L, MS-L	mg/kg
14D1046	14D1046-12	SW8270D	SD14TFB100FS	2,4-Dinitrophenol	1.19	U		R	MS-L	mg/kg
14D1046	14D1046-12	SW8270D	SD14TFB100FS	2,6-Dinitrotoluene	0.594	U		R	MS-L	mg/kg
14D1046	14D1046-12	SW8270D	SD14TFB100FS	3,3'-Dichlorobenzidine	0.594	U	0.594	UJ	MS-L	mg/kg
14D1046	14D1046-12	SW8270D	SD14TFB100FS	4,6-Dinitro-2-methylphenol	1.19	U		R	MS-L	mg/kg
14D1046	14D1046-12	SW8270D	SD14TFB100FS	4-Nitrophenol	0.594	U		R	MS-L	mg/kg
14D1046	14D1046-12	SW8270D	SD14TFB100FS	Aniline	0.594	U	0.594	UJ	LCS-L	mg/kg
14D1046	14D1046-12	SW8270D	SD14TFB100FS	2,2'-Dichlorodiisopropylether	0.594	U	0.594	UJ	LCS-L	mg/kg
14D1046	14D1046-12	SW8270D	SD14TFB100FS	Hexachlorobutadiene	0.594	U	0.594	UJ	LCS-L, MS-L	mg/kg
14D1046	14D1046-12	SW8270D	SD14TFB100FS	Hexachlorocyclopentadiene	0.594	U		R	LCS-L, MS-L	mg/kg
14D1046	14D1046-12	SW8270D	SD14TFB100FS	Hexachloroethane	0.594	U		R	LCS-L, MS-L	mg/kg
14D1046	14D1046-12	SW8270D	SD14TFB100FS	Pentachlorophenol	0.594	U		R	MS-L	mg/kg
14D1046	14D1046-12	SW8270D	SD14TFB100FS	Phenol	0.594	U		R	MS-L	mg/kg
14D1046	14D1046-12	SW8270D	SD14TFB100FS	Pyridine	0.594	U		R	LCS-L, MS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	1,2,4,5-Tetrachlorobenzene	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	1,2,4-Trichlorobenzene	0.591	U	0.591	UJ	LCS-L, MS-L, SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	1-Methylnaphthalene	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	2,4,5-Trichlorophenol	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	2,4,6-Trichlorophenol	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	2,4-Dichlorophenol	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	2,4-Dimethylphenol	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	2,4-Dinitrophenol	1.18	U		R	MS-L, SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	2,4-Dinitrotoluene	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	2,6-Dinitrotoluene	0.591	U		R	MS-L, SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	2-Chloronaphthalene	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	2-Chlorophenol	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	2-Methylnaphthalene	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	2-Methylphenol	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	2-Nitroaniline	0.591	U	0.591	UJ	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1046	14D1046-13	SW8270D	SD14TFB100FD	2-Nitrophenol	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	3 & 4 Methylphenol	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	3,3'-Dichlorobenzidine	0.591	U	0.591	UJ	MS-L, SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	3-Nitroaniline	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	4,6-Dinitro-2-methylphenol	1.18	U		R	MS-L, SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	4-Bromophenyl phenyl ether	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	4-Chloro-3-methylphenol	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	4-Chloroaniline	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	4-Chlorophenyl phenyl ether	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	4-Nitroaniline	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	4-Nitrophenol	0.591	U		R	MS-L, SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	Aniline	0.591	U	0.591	UJ	LCS-L, SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	Bis(2-Chloroethoxy)methane	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	Bis(2-Chloroethyl)ether	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	2,2'-Dichlorodiisopropylether	0.591	U	0.591	UJ	LCS-L, SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	Bis(2-Ethylhexyl)phthalate	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	Butylbenzylphthalate	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	Carbazole	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	Dibenzofuran	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	Diethylphthalate	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	Dimethylphthalate	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	Di-n-butylphthalate	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	Di-n-octylphthalate	5.91	U	5.91	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	Hexachlorobenzene	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	Hexachlorobutadiene	0.591	U	0.591	UJ	LCS-L, MS-L, SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	Hexachlorocyclopentadiene	0.591	U		R	LCS-L, MS-L, SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	Hexachloroethane	0.591	U		R	LCS-L, MS-L, SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	Isophorone	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	Nitrobenzene	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	N-Nitrosodi-n-propylamine	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	N-Nitrosodiphenylamine	0.591	U	0.591	UJ	SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	Pentachloronitrobenzene	0.591	U	0.591	UJ	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1046	14D1046-13	SW8270D	SD14TFB100FD	Pentachlorophenol	0.591	U		R	MS-L, SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	Phenol	0.591	U		R	MS-L, SS-L	mg/kg
14D1046	14D1046-13	SW8270D	SD14TFB100FD	Pyridine	0.591	U		R	LCS-L, MS-L, SS-L	mg/kg
14D1046	14D1046-06	SW8270D	SD14OF81800FS	1,2,4-Trichlorobenzene	2.42	U	2.42	UJ	LCS-L	mg/kg
14D1046	14D1046-06	SW8270D	SD14OF81800FS	Aniline	2.42	U	2.42	UJ	LCS-L	mg/kg
14D1046	14D1046-06	SW8270D	SD14OF81800FS	2,2'-Dichlorodiisopropylether	2.42	U	2.42	UJ	LCS-L	mg/kg
14D1046	14D1046-06	SW8270D	SD14OF81800FS	Hexachlorobutadiene	2.42	U	2.42	UJ	LCS-L	mg/kg
14D1046	14D1046-06	SW8270D	SD14OF81800FS	Hexachlorocyclopentadiene	2.42	U	2.42	UJ	LCS-L	mg/kg
14D1046	14D1046-06	SW8270D	SD14OF81800FS	Hexachloroethane	2.42	U	2.42	UJ	LCS-L	mg/kg
14D1046	14D1046-06	SW8270D	SD14OF81800FS	Pyridine	2.42	U		R	LCS-L	mg/kg
14D1046	14D1046-05	SW8270D	SD14OF80900FS	1,2,4-Trichlorobenzene	3.28	U	3.28	UJ	LCS-L	mg/kg
14D1046	14D1046-05	SW8270D	SD14OF80900FS	Aniline	3.28	U	3.28	UJ	LCS-L	mg/kg
14D1046	14D1046-05	SW8270D	SD14OF80900FS	2,2'-Dichlorodiisopropylether	3.28	U	3.28	UJ	LCS-L	mg/kg
14D1046	14D1046-05	SW8270D	SD14OF80900FS	Hexachlorobutadiene	3.28	U	3.28	UJ	LCS-L	mg/kg
14D1046	14D1046-05	SW8270D	SD14OF80900FS	Hexachlorocyclopentadiene	3.28	U	3.28	UJ	LCS-L	mg/kg
14D1046	14D1046-05	SW8270D	SD14OF80900FS	Hexachloroethane	3.28	U	3.28	UJ	LCS-L	mg/kg
14D1046	14D1046-05	SW8270D	SD14OF80900FS	Pyridine	3.28	U		R	LCS-L	mg/kg
14D1046	14D1046-04	SW8270D	SD14OF80600FS	1,2,4-Trichlorobenzene	0.569	U	0.569	UJ	LCS-L	mg/kg
14D1046	14D1046-04	SW8270D	SD14OF80600FS	Aniline	0.569	U	0.569	UJ	LCS-L	mg/kg
14D1046	14D1046-04	SW8270D	SD14OF80600FS	2,2'-Dichlorodiisopropylether	0.569	U	0.569	UJ	LCS-L	mg/kg
14D1046	14D1046-04	SW8270D	SD14OF80600FS	Hexachlorobutadiene	0.569	U	0.569	UJ	LCS-L	mg/kg
14D1046	14D1046-04	SW8270D	SD14OF80600FS	Hexachlorocyclopentadiene	0.569	U	0.569	UJ	LCS-L	mg/kg
14D1046	14D1046-04	SW8270D	SD14OF80600FS	Hexachloroethane	0.569	U	0.569	UJ	LCS-L	mg/kg
14D1046	14D1046-04	SW8270D	SD14OF80600FS	Pyridine	0.569	U		R	LCS-L	mg/kg
14D1046	14D1046-03	SW8270D	SD14OF80500FS	1,2,4-Trichlorobenzene	0.359	U	0.359	UJ	LCS-L	mg/kg
14D1046	14D1046-03	SW8270D	SD14OF80500FS	2,4,5-Trichlorophenol	0.359	U		R	SS-L	mg/kg
14D1046	14D1046-03	SW8270D	SD14OF80500FS	2,4,6-Trichlorophenol	0.359	U		R	SS-L	mg/kg
14D1046	14D1046-03	SW8270D	SD14OF80500FS	2,4-Dichlorophenol	0.359	U		R	SS-L	mg/kg
14D1046	14D1046-03	SW8270D	SD14OF80500FS	2,4-Dimethylphenol	0.359	U		R	SS-L	mg/kg
14D1046	14D1046-03	SW8270D	SD14OF80500FS	2,4-Dinitrophenol	0.718	U		R	SS-L	mg/kg
14D1046	14D1046-03	SW8270D	SD14OF80500FS	2-Chlorophenol	0.359	U		R	SS-L	mg/kg
14D1046	14D1046-03	SW8270D	SD14OF80500FS	2-Methylphenol	0.359	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1046	14D1046-03	SW8270D	SD14OF80500FS	2-Nitrophenol	0.359	U		R	SS-L	mg/kg
14D1046	14D1046-03	SW8270D	SD14OF80500FS	3 & 4 Methylphenol	0.359	U		R	SS-L	mg/kg
14D1046	14D1046-03	SW8270D	SD14OF80500FS	4,6-Dinitro-2-methylphenol	0.718	U		R	SS-L	mg/kg
14D1046	14D1046-03	SW8270D	SD14OF80500FS	4-Chloro-3-methylphenol	0.359	U		R	SS-L	mg/kg
14D1046	14D1046-03	SW8270D	SD14OF80500FS	4-Nitrophenol	0.359	U		R	SS-L	mg/kg
14D1046	14D1046-03	SW8270D	SD14OF80500FS	Aniline	0.359	U	0.359	UJ	LCS-L	mg/kg
14D1046	14D1046-03	SW8270D	SD14OF80500FS	2,2'-Dichlorodiisopropylether	0.359	U	0.359	UJ	LCS-L	mg/kg
14D1046	14D1046-03	SW8270D	SD14OF80500FS	Hexachlorobutadiene	0.359	U	0.359	UJ	LCS-L	mg/kg
14D1046	14D1046-03	SW8270D	SD14OF80500FS	Hexachlorocyclopentadiene	0.359	U	0.359	UJ	LCS-L	mg/kg
14D1046	14D1046-03	SW8270D	SD14OF80500FS	Hexachloroethane	0.359	U	0.359	UJ	LCS-L	mg/kg
14D1046	14D1046-03	SW8270D	SD14OF80500FS	Pentachlorophenol	0.359	U		R	SS-L	mg/kg
14D1046	14D1046-03	SW8270D	SD14OF80500FS	Phenol	0.359	U		R	SS-L	mg/kg
14D1046	14D1046-03	SW8270D	SD14OF80500FS	Pyridine	0.359	U		R	LCS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	1,2,4,5-Tetrachlorobenzene	1.97	U		R	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	1,2,4-Trichlorobenzene	1.97	U		R	LCS-L, MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	1-Methylnaphthalene	1.97	U		R	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	2,4,5-Trichlorophenol	1.97	U		R	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	2,4-Dichlorophenol	1.97	U		R	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	2,4-Dimethylphenol	1.97	U	1.97	UJ	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	2,4-Dinitrophenol	3.94	U		R	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	2,4-Dinitrotoluene	1.97	U		R	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	2,6-Dinitrotoluene	1.97	U	1.97	UJ	MS-L, MS-RPD	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	2-Chloronaphthalene	1.97	U	1.97	UJ	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	2-Chlorophenol	1.97	U		R	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	2-Methylnaphthalene	1.97	U		R	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	2-Methylphenol	1.97	U		R	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	2-Nitrophenol	1.97	U		R	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	3 & 4 Methylphenol	1.97	U		R	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	3,3'-Dichlorobenzidine	1.97	U		R	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	4,6-Dinitro-2-methylphenol	3.94	U		R	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	4-Chloroaniline	1.97	U		R	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	4-Chlorophenyl phenyl ether	1.97	U	1.97	UJ	MS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1046	14D1046-01	SW8270D	SD14OF80200FS	4-Nitroaniline	1.97	U		R	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	4-Nitrophenol	1.97	U		R	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	Aniline	1.97	U		R	LCS-L, MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	Bis(2-Chloroethoxy)methane	1.97	U		R	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	Bis(2-Chloroethyl)ether	1.97	U		R	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	2,2'-Dichlorodiisopropylether	1.97	U		R	LCS-L, MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	Dibenzofuran	1.97	U	1.97	UJ	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	Dimethylphthalate	1.97	U	1.97	UJ	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	Hexachlorobutadiene	1.97	U		R	LCS-L, MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	Hexachlorocyclopentadiene	1.97	U		R	LCS-L, MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	Hexachloroethane	1.97	U		R	LCS-L, MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	Isophorone	1.97	U		R	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	Nitrobenzene	1.97	U		R	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	N-Nitrosodi-n-propylamine	1.97	U		R	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	Pentachloronitrobenzene	1.97	U		R	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	Pentachlorophenol	1.97	U		R	MS-L	mg/kg
14D1046	14D1046-01	SW8270D	SD14OF80200FS	Pyridine	1.97	U		R	LCS-L, MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	1,2,4,5-Tetrachlorobenzene	1.72	U		R	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	1,2,4-Trichlorobenzene	1.72	U		R	LCS-L, MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	1-Methylnaphthalene	1.72	U		R	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	2,4,5-Trichlorophenol	1.72	U		R	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	2,4-Dichlorophenol	1.72	U		R	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	2,4-Dimethylphenol	1.72	U	1.72	UJ	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	2,4-Dinitrophenol	3.44	U		R	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	2,4-Dinitrotoluene	1.72	U		R	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	2,6-Dinitrotoluene	1.72	U	1.72	UJ	MS-L, MS-RPD	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	2-Chloronaphthalene	1.72	U	1.72	UJ	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	2-Chlorophenol	1.72	U		R	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	2-Methylnaphthalene	1.72	U		R	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	2-Methylphenol	1.72	U		R	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	2-Nitrophenol	1.72	U		R	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	3 & 4 Methylphenol	1.72	U		R	MS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1046	14D1046-02	SW8270D	SD14OF80200FD	3,3'-Dichlorobenzidine	1.72	U		R	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	4,6-Dinitro-2-methylphenol	3.44	U		R	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	4-Chloroaniline	1.72	U		R	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	4-Chlorophenyl phenyl ether	1.72	U	1.72	UJ	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	4-Nitroaniline	1.72	U		R	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	4-Nitrophenol	1.72	U		R	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	Aniline	1.72	U		R	LCS-L, MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	Bis(2-Chloroethoxy)methane	1.72	U		R	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	Bis(2-Chloroethyl)ether	1.72	U		R	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	2,2'-Dichlorodiisopropylether	1.72	U		R	LCS-L, MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	Dibenzofuran	1.72	U	1.72	UJ	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	Dimethylphthalate	1.72	U	1.72	UJ	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	Hexachlorobutadiene	1.72	U		R	LCS-L, MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	Hexachlorocyclopentadiene	1.72	U		R	LCS-L, MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	Hexachloroethane	1.72	U		R	LCS-L, MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	Isophorone	1.72	U		R	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	Nitrobenzene	1.72	U		R	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	N-Nitrosodi-n-propylamine	1.72	U		R	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	Pentachloronitrobenzene	1.72	U		R	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	Pentachlorophenol	1.72	U		R	MS-L	mg/kg
14D1046	14D1046-02	SW8270D	SD14OF80200FD	Pyridine	1.72	U		R	LCS-L, MS-L	mg/kg
14D1130	14D1130-04	SW8270D	SD14TFG400FS	1,2,4-Trichlorobenzene	0.328	U	0.328	UJ	LCS-L	mg/kg
14D1130	14D1130-04	SW8270D	SD14TFG400FS	2-Chlorophenol	0.328	U	0.328	UJ	LCS-L	mg/kg
14D1130	14D1130-04	SW8270D	SD14TFG400FS	Aniline	0.328	U	0.328	UJ	LCS-L	mg/kg
14D1130	14D1130-04	SW8270D	SD14TFG400FS	Bis(2-Chloroethyl)ether	0.328	U	0.328	UJ	LCS-L	mg/kg
14D1130	14D1130-04	SW8270D	SD14TFG400FS	2,2'-Dichlorodiisopropylether	0.328	U	0.328	UJ	LCS-L	mg/kg
14D1130	14D1130-04	SW8270D	SD14TFG400FS	Hexachlorobutadiene	0.328	U	0.328	UJ	LCS-L	mg/kg
14D1130	14D1130-04	SW8270D	SD14TFG400FS	Hexachlorocyclopentadiene	0.328	U		R	LCS-L	mg/kg
14D1130	14D1130-04	SW8270D	SD14TFG400FS	Hexachloroethane	0.328	U		R	LCS-L	mg/kg
14D1130	14D1130-04	SW8270D	SD14TFG400FS	Nitrobenzene	0.328	U	0.328	UJ	LCS-L	mg/kg
14D1130	14D1130-04	SW8270D	SD14TFG400FS	N-Nitrosodi-n-propylamine	0.328	U	0.328	UJ	LCS-L	mg/kg
14D1130	14D1130-04	SW8270D	SD14TFG400FS	Pyridine	0.328	U		R	LCS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1130	14D1130-03	SW8270D	SD14TFA100FS	1,2,4-Trichlorobenzene	0.363	U	0.363	UJ	LCS-L, MS-L	mg/kg
14D1130	14D1130-03	SW8270D	SD14TFA100FS	2,4-Dinitrophenol	0.726	U		R	MS-L	mg/kg
14D1130	14D1130-03	SW8270D	SD14TFA100FS	2-Chlorophenol	0.363	U	0.363	UJ	LCS-L	mg/kg
14D1130	14D1130-03	SW8270D	SD14TFA100FS	4-Nitrophenol	0.363	U	0.363	UJ	MS-RPD	mg/kg
14D1130	14D1130-03	SW8270D	SD14TFA100FS	Aniline	0.363	U	0.363	UJ	LCS-L, MS-RPD	mg/kg
14D1130	14D1130-03	SW8270D	SD14TFA100FS	Bis(2-Chloroethyl)ether	0.363	U	0.363	UJ	LCS-L, MS-RPD	mg/kg
14D1130	14D1130-03	SW8270D	SD14TFA100FS	2,2'-Dichlorodiisopropylether	0.363	U	0.363	UJ	LCS-L, MS-L, MS-RPD	mg/kg
14D1130	14D1130-03	SW8270D	SD14TFA100FS	Hexachlorobutadiene	0.363	U	0.363	UJ	LCS-L, MS-L	mg/kg
14D1130	14D1130-03	SW8270D	SD14TFA100FS	Hexachlorocyclopentadiene	0.363	U		R	LCS-L, MS-L	mg/kg
14D1130	14D1130-03	SW8270D	SD14TFA100FS	Hexachloroethane	0.363	U		R	LCS-L, MS-L	mg/kg
14D1130	14D1130-03	SW8270D	SD14TFA100FS	Nitrobenzene	0.363	U	0.363	UJ	LCS-L	mg/kg
14D1130	14D1130-03	SW8270D	SD14TFA100FS	N-Nitrosodi-n-propylamine	0.363	U	0.363	UJ	LCS-L	mg/kg
14D1130	14D1130-03	SW8270D	SD14TFA100FS	Pentachlorophenol	0.363	U		R	MS-L	mg/kg
14D1130	14D1130-03	SW8270D	SD14TFA100FS	Pyridine	0.363	U		R	LCS-L, MS-L, MS-RPD	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	1,2,4,5-Tetrachlorobenzene	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	1,2,4-Trichlorobenzene	0.348	U	0.348	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	1-Methylnaphthalene	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	2,4-Dinitrotoluene	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	2,6-Dinitrotoluene	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	2-Chloronaphthalene	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	2-Methylnaphthalene	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	2-Nitroaniline	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	3,3'-Dichlorobenzidine	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	3-Nitroaniline	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	4-Bromophenyl phenyl ether	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	4-Chloroaniline	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	4-Chlorophenyl phenyl ether	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	4-Nitroaniline	0.348	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	Aniline	0.348	U	0.348	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	Bis(2-Chloroethoxy)methane	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	Bis(2-Chloroethyl)ether	0.348	U	0.348	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	2,2'-Dichlorodiisopropylether	0.348	U	0.348	UJ	LCS-L, SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	Bis(2-Ethylhexyl)phthalate	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	Butylbenzylphthalate	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	Carbazole	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	Dibenzofuran	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	Diethylphthalate	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	Dimethylphthalate	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	Di-n-butylphthalate	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	Di-n-octylphthalate	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	Hexachlorobenzene	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	Hexachlorobutadiene	0.348	U	0.348	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	Hexachlorocyclopentadiene	0.348	U	0.348	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	Hexachloroethane	0.348	U	0.348	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	Isophorone	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	Nitrobenzene	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	N-Nitrosodi-n-propylamine	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	N-Nitrosodiphenylamine	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	Pentachloronitrobenzene	0.348	U	0.348	UJ	SS-L	mg/kg
14D1167	14D1167-11	SW8270D	SD14TFJ500FS	Pyridine	0.348	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	1,2,4,5-Tetrachlorobenzene	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	1,2,4-Trichlorobenzene	0.345	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	1-Methylnaphthalene	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	2,4-Dinitrotoluene	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	2,6-Dinitrotoluene	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	2-Chloronaphthalene	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	2-Methylnaphthalene	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	2-Nitroaniline	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	3,3'-Dichlorobenzidine	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	3-Nitroaniline	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	4-Bromophenyl phenyl ether	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	4-Chloroaniline	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	4-Chlorophenyl phenyl ether	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	4-Nitroaniline	0.345	U		R	LCS-L, SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	Aniline	0.345	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	Bis(2-Chloroethoxy)methane	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	Bis(2-Chloroethyl)ether	0.345	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	2,2'-Dichlorodiisopropylether	0.345	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	Bis(2-Ethylhexyl)phthalate	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	Butylbenzylphthalate	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	Carbazole	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	Dibenzofuran	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	Diethylphthalate	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	Dimethylphthalate	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	Di-n-butylphthalate	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	Di-n-octylphthalate	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	Hexachlorobenzene	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	Hexachlorobutadiene	0.345	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	Hexachlorocyclopentadiene	0.345	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	Hexachloroethane	0.345	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	Isophorone	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	Nitrobenzene	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	N-Nitrosodi-n-propylamine	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	N-Nitrosodiphenylamine	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	Pentachloronitrobenzene	0.345	U		R	SS-L	mg/kg
14D1167	14D1167-10	SW8270D	SD14TFJ300FS	Pyridine	0.345	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	1,2,4,5-Tetrachlorobenzene	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	1,2,4-Trichlorobenzene	0.313	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	1-Methylnaphthalene	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	2,4,5-Trichlorophenol	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	2,4,6-Trichlorophenol	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	2,4-Dichlorophenol	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	2,4-Dimethylphenol	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	2,4-Dinitrophenol	0.627	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	2,4-Dinitrotoluene	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	2,6-Dinitrotoluene	0.313	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	2-Chloronaphthalene	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	2-Chlorophenol	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	2-Methylnaphthalene	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	2-Methylphenol	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	2-Nitroaniline	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	2-Nitrophenol	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	3 & 4 Methylphenol	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	3,3'-Dichlorobenzidine	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	3-Nitroaniline	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	4,6-Dinitro-2-methylphenol	0.627	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	4-Bromophenyl phenyl ether	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	4-Chloro-3-methylphenol	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	4-Chloroaniline	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	4-Chlorophenyl phenyl ether	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	4-Nitroaniline	0.313	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	4-Nitrophenol	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	Aniline	0.313	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	Bis(2-Chloroethoxy)methane	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	Bis(2-Chloroethyl)ether	0.313	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	2,2'-Dichlorodiisopropylether	0.313	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	Bis(2-Ethylhexyl)phthalate	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	Butylbenzylphthalate	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	Carbazole	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	Dibenzofuran	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	Diethylphthalate	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	Dimethylphthalate	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	Di-n-butylphthalate	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	Di-n-octylphthalate	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	Hexachlorobenzene	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	Hexachlorobutadiene	0.313	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	Hexachlorocyclopentadiene	0.313	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	Hexachloroethane	0.313	U		R	LCS-L, SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	Isophorone	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	Nitrobenzene	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	N-Nitrosodi-n-propylamine	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	N-Nitrosodiphenylamine	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	Pentachloronitrobenzene	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	Pentachlorophenol	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	Phenol	0.313	U		R	SS-L	mg/kg
14D1167	14D1167-09	SW8270D	SD14TFJ200FS	Pyridine	0.313	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-19	SW8270D	SD14TFG300FS	1,2,4-Trichlorobenzene	0.321	U	0.321	UJ	LCS-L	mg/kg
14D1167	14D1167-19	SW8270D	SD14TFG300FS	4-Nitroaniline	0.321	U		R	LCS-L	mg/kg
14D1167	14D1167-19	SW8270D	SD14TFG300FS	Aniline	0.321	U	0.321	UJ	LCS-L	mg/kg
14D1167	14D1167-19	SW8270D	SD14TFG300FS	Bis(2-Chloroethyl)ether	0.321	U	0.321	UJ	LCS-L	mg/kg
14D1167	14D1167-19	SW8270D	SD14TFG300FS	2,2'-Dichlorodiisopropylether	0.321	U	0.321	UJ	LCS-L	mg/kg
14D1167	14D1167-19	SW8270D	SD14TFG300FS	Bis(2-Ethylhexyl)phthalate	0.68		0.68	J	LCS-H	mg/kg
14D1167	14D1167-19	SW8270D	SD14TFG300FS	Hexachlorobutadiene	0.321	U	0.321	UJ	LCS-L	mg/kg
14D1167	14D1167-19	SW8270D	SD14TFG300FS	Hexachlorocyclopentadiene	0.321	U	0.321	UJ	LCS-L	mg/kg
14D1167	14D1167-19	SW8270D	SD14TFG300FS	Hexachloroethane	0.321	U	0.321	UJ	LCS-L	mg/kg
14D1167	14D1167-19	SW8270D	SD14TFG300FS	Pyridine	0.321	U		R	LCS-L	mg/kg
14D1167	14D1167-18	SW8270D	SD14TFG200FS	1,2,4-Trichlorobenzene	0.361	U	0.361	UJ	LCS-L	mg/kg
14D1167	14D1167-18	SW8270D	SD14TFG200FS	4-Nitroaniline	0.361	U		R	LCS-L	mg/kg
14D1167	14D1167-18	SW8270D	SD14TFG200FS	Aniline	0.361	U	0.361	UJ	LCS-L	mg/kg
14D1167	14D1167-18	SW8270D	SD14TFG200FS	Bis(2-Chloroethyl)ether	0.361	U	0.361	UJ	LCS-L	mg/kg
14D1167	14D1167-18	SW8270D	SD14TFG200FS	2,2'-Dichlorodiisopropylether	0.361	U	0.361	UJ	LCS-L	mg/kg
14D1167	14D1167-18	SW8270D	SD14TFG200FS	Hexachlorobutadiene	0.361	U	0.361	UJ	LCS-L	mg/kg
14D1167	14D1167-18	SW8270D	SD14TFG200FS	Hexachlorocyclopentadiene	0.361	U	0.361	UJ	LCS-L	mg/kg
14D1167	14D1167-18	SW8270D	SD14TFG200FS	Hexachloroethane	0.361	U	0.361	UJ	LCS-L	mg/kg
14D1167	14D1167-18	SW8270D	SD14TFG200FS	Pyridine	0.361	U		R	LCS-L	mg/kg
14D1167	14D1167-17	SW8270D	SD14TFG100FS	1,2,4-Trichlorobenzene	0.345	U	0.345	UJ	LCS-L	mg/kg
14D1167	14D1167-17	SW8270D	SD14TFG100FS	4-Nitroaniline	0.345	U		R	LCS-L	mg/kg
14D1167	14D1167-17	SW8270D	SD14TFG100FS	Aniline	0.345	U	0.345	UJ	LCS-L	mg/kg
14D1167	14D1167-17	SW8270D	SD14TFG100FS	Bis(2-Chloroethyl)ether	0.345	U	0.345	UJ	LCS-L	mg/kg
14D1167	14D1167-17	SW8270D	SD14TFG100FS	2,2'-Dichlorodiisopropylether	0.345	U	0.345	UJ	LCS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-17	SW8270D	SD14TFG100FS	Hexachlorobutadiene	0.345	U	0.345	UJ	LCS-L	mg/kg
14D1167	14D1167-17	SW8270D	SD14TFG100FS	Hexachlorocyclopentadiene	0.345	U	0.345	UJ	LCS-L	mg/kg
14D1167	14D1167-17	SW8270D	SD14TFG100FS	Hexachloroethane	0.345	U	0.345	UJ	LCS-L	mg/kg
14D1167	14D1167-17	SW8270D	SD14TFG100FS	Pyridine	0.345	U		R	LCS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	1,2,4,5-Tetrachlorobenzene	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	1,2,4-Trichlorobenzene	0.323	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	1-Methylnaphthalene	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	2,4,5-Trichlorophenol	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	2,4,6-Trichlorophenol	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	2,4-Dichlorophenol	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	2,4-Dimethylphenol	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	2,4-Dinitrophenol	0.646	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	2,4-Dinitrotoluene	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	2,6-Dinitrotoluene	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	2-Chloronaphthalene	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	2-Chlorophenol	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	2-Methylnaphthalene	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	2-Methylphenol	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	2-Nitroaniline	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	2-Nitrophenol	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	3 & 4 Methylphenol	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	3,3'-Dichlorobenzidine	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	3-Nitroaniline	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	4,6-Dinitro-2-methylphenol	0.646	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	4-Bromophenyl phenyl ether	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	4-Chloro-3-methylphenol	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	4-Chloroaniline	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	4-Chlorophenyl phenyl ether	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	4-Nitroaniline	0.323	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	4-Nitrophenol	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	Aniline	0.323	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	Bis(2-Chloroethoxy)methane	0.323	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-16	SW8270D	SD14TFF100FS	Bis(2-Chloroethyl)ether	0.323	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	2,2'-Dichlorodiisopropylether	0.323	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	Bis(2-Ethylhexyl)phthalate	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	Butylbenzylphthalate	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	Carbazole	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	Dibenzofuran	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	Diethylphthalate	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	Dimethylphthalate	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	Di-n-butylphthalate	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	Di-n-octylphthalate	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	Hexachlorobenzene	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	Hexachlorobutadiene	0.323	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	Hexachlorocyclopentadiene	0.323	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	Hexachloroethane	0.323	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	Isophorone	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	Nitrobenzene	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	N-Nitrosodi-n-propylamine	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	N-Nitrosodiphenylamine	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	Pentachloronitrobenzene	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	Pentachlorophenol	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	Phenol	0.323	U		R	SS-L	mg/kg
14D1167	14D1167-16	SW8270D	SD14TFF100FS	Pyridine	0.323	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	1,2,4,5-Tetrachlorobenzene	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	1,2,4-Trichlorobenzene	0.342	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	1-Methylnaphthalene	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	2,4,5-Trichlorophenol	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	2,4,6-Trichlorophenol	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	2,4-Dichlorophenol	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	2,4-Dimethylphenol	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	2,4-Dinitrophenol	0.684	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	2,4-Dinitrotoluene	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	2,6-Dinitrotoluene	0.342	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-15	SW8270D	SD14TFD100FS	2-Chloronaphthalene	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	2-Chlorophenol	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	2-Methylnaphthalene	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	2-Methylphenol	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	2-Nitroaniline	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	2-Nitrophenol	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	3 & 4 Methylphenol	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	3,3'-Dichlorobenzidine	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	3-Nitroaniline	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	4,6-Dinitro-2-methylphenol	0.684	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	4-Bromophenyl phenyl ether	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	4-Chloro-3-methylphenol	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	4-Chloroaniline	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	4-Chlorophenyl phenyl ether	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	4-Nitroaniline	0.342	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	4-Nitrophenol	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	Aniline	0.342	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	Bis(2-Chloroethoxy)methane	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	Bis(2-Chloroethyl)ether	0.342	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	2,2'-Dichlorodiisopropylether	0.342	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	Bis(2-Ethylhexyl)phthalate	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	Butylbenzylphthalate	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	Carbazole	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	Dibenzofuran	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	Diethylphthalate	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	Dimethylphthalate	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	Di-n-butylphthalate	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	Di-n-octylphthalate	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	Hexachlorobenzene	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	Hexachlorobutadiene	0.342	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	Hexachlorocyclopentadiene	0.342	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	Hexachloroethane	0.342	U		R	LCS-L, SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-15	SW8270D	SD14TFD100FS	Isophorone	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	Nitrobenzene	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	N-Nitrosodi-n-propylamine	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	N-Nitrosodiphenylamine	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	Pentachloronitrobenzene	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	Pentachlorophenol	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	Phenol	0.342	U		R	SS-L	mg/kg
14D1167	14D1167-15	SW8270D	SD14TFD100FS	Pyridine	0.342	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	1,2,4,5-Tetrachlorobenzene	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	1,2,4-Trichlorobenzene	0.333	U	0.333	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	1-Methylnaphthalene	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	2,4-Dinitrotoluene	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	2,6-Dinitrotoluene	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	2-Chloronaphthalene	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	2-Methylnaphthalene	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	2-Nitroaniline	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	3,3'-Dichlorobenzidine	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	3-Nitroaniline	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	4-Bromophenyl phenyl ether	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	4-Chloroaniline	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	4-Chlorophenyl phenyl ether	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	4-Nitroaniline	0.333	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	Aniline	0.333	U	0.333	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	Bis(2-Chloroethoxy)methane	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	Bis(2-Chloroethyl)ether	0.333	U	0.333	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	2,2'-Dichlorodiiisopropylether	0.333	U	0.333	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	Bis(2-Ethylhexyl)phthalate	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	Butylbenzylphthalate	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	Carbazole	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	Dibenzofuran	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	Diethylphthalate	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	Dimethylphthalate	0.333	U	0.333	UJ	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-14	SW8270D	SD14TFB700FS	Di-n-butylphthalate	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	Di-n-octylphthalate	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	Hexachlorobenzene	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	Hexachlorobutadiene	0.333	U	0.333	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	Hexachlorocyclopentadiene	0.333	U	0.333	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	Hexachloroethane	0.333	U	0.333	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	Isophorone	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	Nitrobenzene	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	N-Nitrosodi-n-propylamine	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	N-Nitrosodiphenylamine	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	Pentachloronitrobenzene	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-14	SW8270D	SD14TFB700FS	Pyridine	0.333	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	1,2,4,5-Tetrachlorobenzene	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	1,2,4-Trichlorobenzene	0.333	U	0.333	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	1-Methylnaphthalene	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	2,4-Dinitrotoluene	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	2,6-Dinitrotoluene	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	2-Chloronaphthalene	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	2-Methylnaphthalene	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	2-Nitroaniline	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	3,3'-Dichlorobenzidine	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	3-Nitroaniline	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	4-Bromophenyl phenyl ether	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	4-Chloroaniline	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	4-Chlorophenyl phenyl ether	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	4-Nitroaniline	0.333	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	Aniline	0.333	U	0.333	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	Bis(2-Chloroethoxy)methane	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	Bis(2-Chloroethyl)ether	0.333	U	0.333	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	2,2'-Dichlorodiiisopropylether	0.333	U	0.333	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	Bis(2-Ethylhexyl)phthalate	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	Butylbenzylphthalate	0.333	U	0.333	UJ	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-13	SW8270D	SD14TFA700FS	Carbazole	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	Dibenzofuran	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	Diethylphthalate	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	Dimethylphthalate	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	Di-n-butylphthalate	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	Di-n-octylphthalate	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	Hexachlorobenzene	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	Hexachlorobutadiene	0.333	U	0.333	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	Hexachlorocyclopentadiene	0.333	U	0.333	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	Hexachloroethane	0.333	U	0.333	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	Isophorone	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	Nitrobenzene	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	N-Nitrosodi-n-propylamine	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	N-Nitrosodiphenylamine	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	Pentachloronitrobenzene	0.333	U	0.333	UJ	SS-L	mg/kg
14D1167	14D1167-13	SW8270D	SD14TFA700FS	Pyridine	0.333	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	1,2,4,5-Tetrachlorobenzene	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	1,2,4-Trichlorobenzene	0.358	U	0.358	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	1-Methylnaphthalene	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	2,4-Dinitrotoluene	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	2,6-Dinitrotoluene	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	2-Chloronaphthalene	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	2-Methylnaphthalene	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	2-Nitroaniline	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	3,3'-Dichlorobenzidine	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	3-Nitroaniline	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	4-Bromophenyl phenyl ether	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	4-Chloroaniline	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	4-Chlorophenyl phenyl ether	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	4-Nitroaniline	0.358	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	Aniline	0.358	U	0.358	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	Bis(2-Chloroethoxy)methane	0.358	U	0.358	UJ	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-12	SW8270D	SD14TFA200FS	Bis(2-Chloroethyl)ether	0.358	U	0.358	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	2,2'-Dichlorodiisopropylether	0.358	U	0.358	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	Bis(2-Ethylhexyl)phthalate	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	Butylbenzylphthalate	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	Carbazole	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	Dibenzofuran	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	Diethylphthalate	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	Dimethylphthalate	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	Di-n-butylphthalate	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	Di-n-octylphthalate	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	Hexachlorobenzene	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	Hexachlorobutadiene	0.358	U	0.358	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	Hexachlorocyclopentadiene	0.358	U	0.358	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	Hexachloroethane	0.358	U	0.358	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	Isophorone	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	Nitrobenzene	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	N-Nitrosodi-n-propylamine	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	N-Nitrosodiphenylamine	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	Pentachloronitrobenzene	0.358	U	0.358	UJ	SS-L	mg/kg
14D1167	14D1167-12	SW8270D	SD14TFA200FS	Pyridine	0.358	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-08	SW8270D	SD14REFUS200FS	1,2,4-Trichlorobenzene	0.296	U	0.296	UJ	LCS-L	mg/kg
14D1167	14D1167-08	SW8270D	SD14REFUS200FS	4-Nitroaniline	0.296	U		R	LCS-L	mg/kg
14D1167	14D1167-08	SW8270D	SD14REFUS200FS	Aniline	0.296	U	0.296	UJ	LCS-L	mg/kg
14D1167	14D1167-08	SW8270D	SD14REFUS200FS	Bis(2-Chloroethyl)ether	0.296	U	0.296	UJ	LCS-L	mg/kg
14D1167	14D1167-08	SW8270D	SD14REFUS200FS	2,2'-Dichlorodiisopropylether	0.296	U	0.296	UJ	LCS-L	mg/kg
14D1167	14D1167-08	SW8270D	SD14REFUS200FS	Hexachlorobutadiene	0.296	U	0.296	UJ	LCS-L	mg/kg
14D1167	14D1167-08	SW8270D	SD14REFUS200FS	Hexachlorocyclopentadiene	0.296	U	0.296	UJ	LCS-L	mg/kg
14D1167	14D1167-08	SW8270D	SD14REFUS200FS	Hexachloroethane	0.296	U	0.296	UJ	LCS-L	mg/kg
14D1167	14D1167-08	SW8270D	SD14REFUS200FS	Pyridine	0.296	U		R	LCS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	1,2,4,5-Tetrachlorobenzene	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	1,2,4-Trichlorobenzene	0.336	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	1-Methylnaphthalene	0.336	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	2,4,5-Trichlorophenol	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	2,4,6-Trichlorophenol	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	2,4-Dichlorophenol	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	2,4-Dimethylphenol	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	2,4-Dinitrophenol	0.672	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	2,4-Dinitrotoluene	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	2,6-Dinitrotoluene	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	2-Chloronaphthalene	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	2-Chlorophenol	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	2-Methylnaphthalene	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	2-Methylphenol	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	2-Nitroaniline	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	2-Nitrophenol	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	3 & 4 Methylphenol	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	3,3'-Dichlorobenzidine	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	3-Nitroaniline	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	4,6-Dinitro-2-methylphenol	0.672	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	4-Bromophenyl phenyl ether	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	4-Chloro-3-methylphenol	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	4-Chloroaniline	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	4-Chlorophenyl phenyl ether	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	4-Nitroaniline	0.336	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	4-Nitrophenol	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	Aniline	0.336	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	Bis(2-Chloroethoxy)methane	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	Bis(2-Chloroethyl)ether	0.336	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	2,2'-Dichlorodiisopropylether	0.336	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	Bis(2-Ethylhexyl)phthalate	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	Butylbenzylphthalate	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	Carbazole	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	Dibenzofuran	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	Diethylphthalate	0.336	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	Dimethylphthalate	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	Di-n-butylphthalate	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	Di-n-octylphthalate	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	Hexachlorobenzene	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	Hexachlorobutadiene	0.336	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	Hexachlorocyclopentadiene	0.336	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	Hexachloroethane	0.336	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	Isophorone	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	Nitrobenzene	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	N-Nitrosodi-n-propylamine	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	N-Nitrosodiphenylamine	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	Pentachloronitrobenzene	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	Pentachlorophenol	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	Phenol	0.336	U		R	SS-L	mg/kg
14D1167	14D1167-07	SW8270D	SD14REFUS100FS	Pyridine	0.336	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	1,2,4,5-Tetrachlorobenzene	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	1,2,4-Trichlorobenzene	0.32	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	1-Methylnaphthalene	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	2,4,5-Trichlorophenol	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	2,4,6-Trichlorophenol	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	2,4-Dichlorophenol	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	2,4-Dimethylphenol	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	2,4-Dinitrophenol	0.639	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	2,4-Dinitrotoluene	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	2,6-Dinitrotoluene	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	2-Chloronaphthalene	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	2-Chlorophenol	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	2-Methylnaphthalene	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	2-Methylphenol	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	2-Nitroaniline	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	2-Nitrophenol	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	3 & 4 Methylphenol	0.32	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-06	SW8270D	SD14REF1800FS	3,3'-Dichlorobenzidine	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	3-Nitroaniline	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	4,6-Dinitro-2-methylphenol	0.639	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	4-Bromophenyl phenyl ether	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	4-Chloro-3-methylphenol	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	4-Chloroaniline	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	4-Chlorophenyl phenyl ether	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	4-Nitroaniline	0.32	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	4-Nitrophenol	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	Aniline	0.32	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	Bis(2-Chloroethoxy)methane	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	Bis(2-Chloroethyl)ether	0.32	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	2,2'-Dichlorodiisopropylether	0.32	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	Bis(2-Ethylhexyl)phthalate	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	Butylbenzylphthalate	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	Carbazole	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	Dibenzofuran	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	Diethylphthalate	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	Dimethylphthalate	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	Di-n-butylphthalate	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	Di-n-octylphthalate	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	Hexachlorobenzene	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	Hexachlorobutadiene	0.32	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	Hexachlorocyclopentadiene	0.32	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	Hexachloroethane	0.32	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	Isophorone	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	Nitrobenzene	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	N-Nitrosodi-n-propylamine	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	N-Nitrosodiphenylamine	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	Pentachloronitrobenzene	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	Pentachlorophenol	0.32	U		R	SS-L	mg/kg
14D1167	14D1167-06	SW8270D	SD14REF1800FS	Phenol	0.32	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-06	SW8270D	SD14REF1800FS	Pyridine	0.32	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	1,2,4,5-Tetrachlorobenzene	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	1,2,4-Trichlorobenzene	0.466	U	0.466	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	1-Methylnaphthalene	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	2,4-Dinitrotoluene	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	2,6-Dinitrotoluene	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	2-Chloronaphthalene	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	2-Methylnaphthalene	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	2-Nitroaniline	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	3,3'-Dichlorobenzidine	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	3-Nitroaniline	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	4-Bromophenyl phenyl ether	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	4-Chloroaniline	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	4-Chlorophenyl phenyl ether	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	4-Nitroaniline	0.466	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	Aniline	0.466	U	0.466	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	Bis(2-Chloroethoxy)methane	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	Bis(2-Chloroethyl)ether	0.466	U	0.466	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	2,2'-Dichlorodiisopropylether	0.466	U	0.466	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	Bis(2-Ethylhexyl)phthalate	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	Butylbenzylphthalate	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	Carbazole	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	Dibenzofuran	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	Diethylphthalate	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	Dimethylphthalate	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	Di-n-butylphthalate	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	Di-n-octylphthalate	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	Hexachlorobenzene	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	Hexachlorobutadiene	0.466	U	0.466	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	Hexachlorocyclopentadiene	0.466	U	0.466	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	Hexachloroethane	0.466	U	0.466	UJ	LCS-L, SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	Isophorone	0.466	U	0.466	UJ	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-05	SW8270D	SD14REF1700FS	Nitrobenzene	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	N-Nitrosodi-n-propylamine	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	N-Nitrosodiphenylamine	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	Pentachloronitrobenzene	0.466	U	0.466	UJ	SS-L	mg/kg
14D1167	14D1167-05	SW8270D	SD14REF1700FS	Pyridine	0.466	U		R	LCS-L, SS-L	mg/kg
14D1167	14D1167-01	SW8270D	SD14REF0500FS	1,2,4-Trichlorobenzene	0.331	U	0.331	UJ	LCS-L	mg/kg
14D1167	14D1167-01	SW8270D	SD14REF0500FS	2,4-Dinitrophenol	0.661	U		R	MS-L	mg/kg
14D1167	14D1167-01	SW8270D	SD14REF0500FS	4-Nitroaniline	0.331	U		R	LCS-L	mg/kg
14D1167	14D1167-01	SW8270D	SD14REF0500FS	Aniline	0.331	U	0.331	UJ	LCS-L	mg/kg
14D1167	14D1167-01	SW8270D	SD14REF0500FS	Bis(2-Chloroethyl)ether	0.331	U	0.331	UJ	LCS-L	mg/kg
14D1167	14D1167-01	SW8270D	SD14REF0500FS	2,2'-Dichlorodiisopropylether	0.331	U	0.331	UJ	LCS-L	mg/kg
14D1167	14D1167-01	SW8270D	SD14REF0500FS	Hexachlorobutadiene	0.331	U	0.331	UJ	LCS-L	mg/kg
14D1167	14D1167-01	SW8270D	SD14REF0500FS	Hexachlorocyclopentadiene	0.331	U		R	LCS-L, MS-L	mg/kg
14D1167	14D1167-01	SW8270D	SD14REF0500FS	Hexachloroethane	0.331	U		R	LCS-L, MS-L	mg/kg
14D1167	14D1167-01	SW8270D	SD14REF0500FS	N-Nitrosodi-n-propylamine	0.331	U		R	MS-L	mg/kg
14D1167	14D1167-01	SW8270D	SD14REF0500FS	Pentachlorophenol	0.331	U		R	MS-L	mg/kg
14D1167	14D1167-01	SW8270D	SD14REF0500FS	Pyridine	0.331	U		R	LCS-L, MS-L	mg/kg
14D1167	14D1167-02	SW8270D	SD14REF0500FD	1,2,4-Trichlorobenzene	0.334	U	0.334	UJ	LCS-L	mg/kg
14D1167	14D1167-02	SW8270D	SD14REF0500FD	2,4-Dinitrophenol	0.668	U		R	MS-L	mg/kg
14D1167	14D1167-02	SW8270D	SD14REF0500FD	4-Nitroaniline	0.334	U		R	LCS-L	mg/kg
14D1167	14D1167-02	SW8270D	SD14REF0500FD	Aniline	0.334	U	0.334	UJ	LCS-L	mg/kg
14D1167	14D1167-02	SW8270D	SD14REF0500FD	Bis(2-Chloroethyl)ether	0.334	U	0.334	UJ	LCS-L	mg/kg
14D1167	14D1167-02	SW8270D	SD14REF0500FD	2,2'-Dichlorodiisopropylether	0.334	U	0.334	UJ	LCS-L	mg/kg
14D1167	14D1167-02	SW8270D	SD14REF0500FD	Hexachlorobutadiene	0.334	U	0.334	UJ	LCS-L	mg/kg
14D1167	14D1167-02	SW8270D	SD14REF0500FD	Hexachlorocyclopentadiene	0.334	U		R	LCS-L, MS-L	mg/kg
14D1167	14D1167-02	SW8270D	SD14REF0500FD	Hexachloroethane	0.334	U		R	LCS-L, MS-L	mg/kg
14D1167	14D1167-02	SW8270D	SD14REF0500FD	N-Nitrosodi-n-propylamine	0.334	U		R	MS-L	mg/kg
14D1167	14D1167-02	SW8270D	SD14REF0500FD	Pentachlorophenol	0.334	U		R	MS-L	mg/kg
14D1167	14D1167-02	SW8270D	SD14REF0500FD	Pyridine	0.334	U		R	LCS-L, MS-L	mg/kg
14D1167	14D1167-04	SW8270D	SD14REF0300FS	1,2,4-Trichlorobenzene	0.317	U	0.317	UJ	LCS-L	mg/kg
14D1167	14D1167-04	SW8270D	SD14REF0300FS	4-Nitroaniline	0.317	U		R	LCS-L	mg/kg
14D1167	14D1167-04	SW8270D	SD14REF0300FS	Aniline	0.317	U	0.317	UJ	LCS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-04	SW8270D	SD14REF0300FS	Bis(2-Chloroethyl)ether	0.317	U	0.317	UJ	LCS-L	mg/kg
14D1167	14D1167-04	SW8270D	SD14REF0300FS	2,2'-Dichlorodiisopropylether	0.317	U	0.317	UJ	LCS-L	mg/kg
14D1167	14D1167-04	SW8270D	SD14REF0300FS	Hexachlorobutadiene	0.317	U	0.317	UJ	LCS-L	mg/kg
14D1167	14D1167-04	SW8270D	SD14REF0300FS	Hexachlorocyclopentadiene	0.317	U	0.317	UJ	LCS-L	mg/kg
14D1167	14D1167-04	SW8270D	SD14REF0300FS	Hexachloroethane	0.317	U	0.317	UJ	LCS-L	mg/kg
14D1167	14D1167-04	SW8270D	SD14REF0300FS	Pyridine	0.317	U		R	LCS-L	mg/kg
14D1167	14D1167-03	SW8270D	SD14REF0200FS	1,2,4-Trichlorobenzene	0.328	U	0.328	UJ	LCS-L	mg/kg
14D1167	14D1167-03	SW8270D	SD14REF0200FS	4-Nitroaniline	0.328	U		R	LCS-L	mg/kg
14D1167	14D1167-03	SW8270D	SD14REF0200FS	Aniline	0.328	U	0.328	UJ	LCS-L	mg/kg
14D1167	14D1167-03	SW8270D	SD14REF0200FS	Bis(2-Chloroethyl)ether	0.328	U	0.328	UJ	LCS-L	mg/kg
14D1167	14D1167-03	SW8270D	SD14REF0200FS	2,2'-Dichlorodiisopropylether	0.328	U	0.328	UJ	LCS-L	mg/kg
14D1167	14D1167-03	SW8270D	SD14REF0200FS	Hexachlorobutadiene	0.328	U	0.328	UJ	LCS-L	mg/kg
14D1167	14D1167-03	SW8270D	SD14REF0200FS	Hexachlorocyclopentadiene	0.328	U	0.328	UJ	LCS-L	mg/kg
14D1167	14D1167-03	SW8270D	SD14REF0200FS	Hexachloroethane	0.328	U	0.328	UJ	LCS-L	mg/kg
14D1167	14D1167-03	SW8270D	SD14REF0200FS	Pyridine	0.328	U		R	LCS-L	mg/kg
14E0005	14E0005-08	SW8270D	SD14TFZA6700FS	1,2,4-Trichlorobenzene	0.506	U	0.506	UJ	LCS-L	mg/kg
14E0005	14E0005-08	SW8270D	SD14TFZA6700FS	2,4-Dinitrophenol	1.01	U	1.01	UJ	LCS-L	mg/kg
14E0005	14E0005-08	SW8270D	SD14TFZA6700FS	2-Chlorophenol	0.506	U	0.506	UJ	LCS-L	mg/kg
14E0005	14E0005-08	SW8270D	SD14TFZA6700FS	Aniline	0.506	U	0.506	UJ	LCS-L	mg/kg
14E0005	14E0005-08	SW8270D	SD14TFZA6700FS	Bis(2-Chloroethyl)ether	0.506	U	0.506	UJ	LCS-L	mg/kg
14E0005	14E0005-08	SW8270D	SD14TFZA6700FS	2,2'-Dichlorodiisopropylether	0.506	U	0.506	UJ	LCS-L	mg/kg
14E0005	14E0005-08	SW8270D	SD14TFZA6700FS	Hexachlorobutadiene	0.506	U	0.506	UJ	LCS-L	mg/kg
14E0005	14E0005-08	SW8270D	SD14TFZA6700FS	Hexachlorocyclopentadiene	0.506	U	0.506	UJ	LCS-L	mg/kg
14E0005	14E0005-08	SW8270D	SD14TFZA6700FS	Hexachloroethane	0.506	U		R	LCS-L	mg/kg
14E0005	14E0005-08	SW8270D	SD14TFZA6700FS	Nitrobenzene	0.506	U	0.506	UJ	LCS-L	mg/kg
14E0005	14E0005-08	SW8270D	SD14TFZA6700FS	Pyridine	0.506	U		R	LCS-L	mg/kg
14E0005	14E0005-02	SW8270D	SD14TFZA5600FS	1,2,4-Trichlorobenzene	0.697	U	0.697	UJ	LCS-L	mg/kg
14E0005	14E0005-02	SW8270D	SD14TFZA5600FS	2,4-Dinitrophenol	1.39	U	1.39	UJ	LCS-L	mg/kg
14E0005	14E0005-02	SW8270D	SD14TFZA5600FS	2-Chlorophenol	0.697	U	0.697	UJ	LCS-L	mg/kg
14E0005	14E0005-02	SW8270D	SD14TFZA5600FS	Aniline	0.697	U	0.697	UJ	LCS-L	mg/kg
14E0005	14E0005-02	SW8270D	SD14TFZA5600FS	Bis(2-Chloroethyl)ether	0.697	U	0.697	UJ	LCS-L	mg/kg
14E0005	14E0005-02	SW8270D	SD14TFZA5600FS	2,2'-Dichlorodiisopropylether	0.697	U	0.697	UJ	LCS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0005	14E0005-02	SW8270D	SD14TFZA5600FS	Hexachlorobutadiene	0.697	U	0.697	UJ	LCS-L	mg/kg
14E0005	14E0005-02	SW8270D	SD14TFZA5600FS	Hexachlorocyclopentadiene	0.697	U	0.697	UJ	LCS-L	mg/kg
14E0005	14E0005-02	SW8270D	SD14TFZA5600FS	Hexachloroethane	0.697	U		R	LCS-L	mg/kg
14E0005	14E0005-02	SW8270D	SD14TFZA5600FS	Nitrobenzene	0.697	U	0.697	UJ	LCS-L	mg/kg
14E0005	14E0005-02	SW8270D	SD14TFZA5600FS	Pyridine	0.697	U		R	LCS-L	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	1,2,4,5-Tetrachlorobenzene	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	1,2,4-Trichlorobenzene	0.914	U		R	LCS-L, PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	1-Methylnaphthalene	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	2,4,5-Trichlorophenol	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	2,4,6-Trichlorophenol	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	2,4-Dichlorophenol	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	2,4-Dimethylphenol	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	2,4-Dinitrophenol	1.83	U		R	LCS-L, PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	2,4-Dinitrotoluene	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	2,6-Dinitrotoluene	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	2-Chloronaphthalene	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	2-Chlorophenol	0.914	U		R	LCS-L, PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	2-Methylnaphthalene	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	2-Methylphenol	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	2-Nitroaniline	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	2-Nitrophenol	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	3 & 4 Methylphenol	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	3,3'-Dichlorobenzidine	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	3-Nitroaniline	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	4,6-Dinitro-2-methylphenol	1.83	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	4-Bromophenyl phenyl ether	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	4-Chloro-3-methylphenol	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	4-Chloroaniline	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	4-Chlorophenyl phenyl ether	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	4-Nitroaniline	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	4-Nitrophenol	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	Aniline	0.914	U		R	LCS-L, PM	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	Bis(2-Chloroethoxy)methane	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	Bis(2-Chloroethyl)ether	0.914	U		R	LCS-L, PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	2,2'-Dichlorodiisopropylether	0.914	U		R	LCS-L, PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	Bis(2-Ethylhexyl)phthalate	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	Butylbenzylphthalate	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	Carbazole	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	Dibenzofuran	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	Diethylphthalate	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	Dimethylphthalate	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	Di-n-butylphthalate	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	Di-n-octylphthalate	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	Hexachlorobenzene	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	Hexachlorobutadiene	0.914	U		R	LCS-L, PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	Hexachlorocyclopentadiene	0.914	U		R	LCS-L, PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	Hexachloroethane	0.914	U		R	LCS-L, PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	Isophorone	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	Nitrobenzene	0.914	U		R	LCS-L, PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	N-Nitrosodi-n-propylamine	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	N-Nitrosodiphenylamine	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	Pentachloronitrobenzene	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	Pentachlorophenol	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	Phenol	0.914	U		R	PM	mg/kg
14E0005	14E0005-01	SW8270D	SD14TFZA4500FS	Pyridine	0.914	U		R	LCS-L, PM	mg/kg
14E0005	14E0005-07	SW8270D	SD14TFE100FS	1,2,4-Trichlorobenzene	0.458	U	0.458	UJ	LCS-L	mg/kg
14E0005	14E0005-07	SW8270D	SD14TFE100FS	2,4-Dinitrophenol	0.916	U	0.916	UJ	LCS-L	mg/kg
14E0005	14E0005-07	SW8270D	SD14TFE100FS	2-Chlorophenol	0.458	U	0.458	UJ	LCS-L	mg/kg
14E0005	14E0005-07	SW8270D	SD14TFE100FS	Aniline	0.458	U	0.458	UJ	LCS-L	mg/kg
14E0005	14E0005-07	SW8270D	SD14TFE100FS	Bis(2-Chloroethyl)ether	0.458	U	0.458	UJ	LCS-L	mg/kg
14E0005	14E0005-07	SW8270D	SD14TFE100FS	2,2'-Dichlorodiisopropylether	0.458	U	0.458	UJ	LCS-L	mg/kg
14E0005	14E0005-07	SW8270D	SD14TFE100FS	Hexachlorobutadiene	0.458	U	0.458	UJ	LCS-L	mg/kg
14E0005	14E0005-07	SW8270D	SD14TFE100FS	Hexachlorocyclopentadiene	0.458	U	0.458	UJ	LCS-L	mg/kg
14E0005	14E0005-07	SW8270D	SD14TFE100FS	Hexachloroethane	0.458	U		R	LCS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0005	14E0005-07	SW8270D	SD14TFE100FS	Nitrobenzene	0.458	U	0.458	UJ	LCS-L	mg/kg
14E0005	14E0005-07	SW8270D	SD14TFE100FS	Pyridine	0.458	U		R	LCS-L	mg/kg
14E0005	14E0005-12	SW8270D	SD14TFC700FS	1,2,4-Trichlorobenzene	0.415	U	0.415	UJ	LCS-L	mg/kg
14E0005	14E0005-12	SW8270D	SD14TFC700FS	2,4-Dinitrophenol	0.83	U	0.83	UJ	LCS-L	mg/kg
14E0005	14E0005-12	SW8270D	SD14TFC700FS	2-Chlorophenol	0.415	U	0.415	UJ	LCS-L	mg/kg
14E0005	14E0005-12	SW8270D	SD14TFC700FS	Aniline	0.415	U	0.415	UJ	LCS-L	mg/kg
14E0005	14E0005-12	SW8270D	SD14TFC700FS	Bis(2-Chloroethyl)ether	0.415	U	0.415	UJ	LCS-L	mg/kg
14E0005	14E0005-12	SW8270D	SD14TFC700FS	2,2'-Dichlorodiisopropylether	0.415	U	0.415	UJ	LCS-L	mg/kg
14E0005	14E0005-12	SW8270D	SD14TFC700FS	Hexachlorobutadiene	0.415	U	0.415	UJ	LCS-L	mg/kg
14E0005	14E0005-12	SW8270D	SD14TFC700FS	Hexachlorocyclopentadiene	0.415	U	0.415	UJ	LCS-L	mg/kg
14E0005	14E0005-12	SW8270D	SD14TFC700FS	Hexachloroethane	0.415	U		R	LCS-L	mg/kg
14E0005	14E0005-12	SW8270D	SD14TFC700FS	Nitrobenzene	0.415	U	0.415	UJ	LCS-L	mg/kg
14E0005	14E0005-12	SW8270D	SD14TFC700FS	Pyridine	0.415	U		R	LCS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	1,2,4,5-Tetrachlorobenzene	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	1,2,4-Trichlorobenzene	0.567	U	0.567	UJ	LCS-L, SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	1-Methylnaphthalene	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	2,4-Dinitrophenol	1.13	U	1.13	UJ	LCS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	2,4-Dinitrotoluene	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	2,6-Dinitrotoluene	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	2-Chloronaphthalene	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	2-Chlorophenol	0.567	U	0.567	UJ	LCS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	2-Methylnaphthalene	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	2-Nitroaniline	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	3,3'-Dichlorobenzidine	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	3-Nitroaniline	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	4-Bromophenyl phenyl ether	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	4-Chloroaniline	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	4-Chlorophenyl phenyl ether	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	4-Nitroaniline	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	Aniline	0.567	U	0.567	UJ	LCS-L, SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	Bis(2-Chloroethoxy)methane	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	Bis(2-Chloroethyl)ether	0.567	U	0.567	UJ	LCS-L, SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0005	14E0005-06	SW8270D	SD14TFB400FS	2,2'-Dichlorodiisopropylether	0.567	U	0.567	UJ	LCS-L, SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	Bis(2-Ethylhexyl)phthalate	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	Butylbenzylphthalate	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	Carbazole	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	Dibenzofuran	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	Diethylphthalate	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	Dimethylphthalate	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	Di-n-butylphthalate	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	Di-n-octylphthalate	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	Hexachlorobenzene	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	Hexachlorobutadiene	0.567	U	0.567	UJ	LCS-L, SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	Hexachlorocyclopentadiene	0.567	U	0.567	UJ	LCS-L, SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	Hexachloroethane	0.567	U		R	LCS-L, SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	Isophorone	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	Nitrobenzene	0.567	U	0.567	UJ	LCS-L, SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	N-Nitrosodi-n-propylamine	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	N-Nitrosodiphenylamine	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	Pentachloronitrobenzene	0.567	U	0.567	UJ	SS-L	mg/kg
14E0005	14E0005-06	SW8270D	SD14TFB400FS	Pyridine	0.567	U		R	LCS-L, SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	1,2,4,5-Tetrachlorobenzene	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	1,2,4-Trichlorobenzene	0.516	U	0.516	UJ	LCS-L, SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	1-Methylnaphthalene	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	2,4-Dinitrophenol	1.03	U	1.03	UJ	LCS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	2,4-Dinitrotoluene	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	2,6-Dinitrotoluene	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	2-Chloronaphthalene	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	2-Chlorophenol	0.516	U	0.516	UJ	LCS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	2-Methylnaphthalene	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	2-Nitroaniline	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	3,3'-Dichlorobenzidine	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	3-Nitroaniline	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	4-Bromophenyl phenyl ether	0.516	U	0.516	UJ	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0005	14E0005-05	SW8270D	SD14TFB200FS	4-Chloroaniline	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	4-Chlorophenyl phenyl ether	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	4-Nitroaniline	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	Aniline	0.516	U	0.516	UJ	LCS-L, SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	Bis(2-Chloroethoxy)methane	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	Bis(2-Chloroethyl)ether	0.516	U	0.516	UJ	LCS-L, SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	2,2'-Dichlorodiisopropylether	0.516	U	0.516	UJ	LCS-L, SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	Bis(2-Ethylhexyl)phthalate	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	Butylbenzylphthalate	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	Carbazole	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	Dibenzofuran	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	Diethylphthalate	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	Dimethylphthalate	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	Di-n-butylphthalate	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	Di-n-octylphthalate	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	Hexachlorobenzene	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	Hexachlorobutadiene	0.516	U	0.516	UJ	LCS-L, SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	Hexachlorocyclopentadiene	0.516	U	0.516	UJ	LCS-L, SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	Hexachloroethane	0.516	U		R	LCS-L, SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	Isophorone	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	Nitrobenzene	0.516	U	0.516	UJ	LCS-L, SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	N-Nitrosodi-n-propylamine	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	N-Nitrosodiphenylamine	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	Pentachloronitrobenzene	0.516	U	0.516	UJ	SS-L	mg/kg
14E0005	14E0005-05	SW8270D	SD14TFB200FS	Pyridine	0.516	U		R	LCS-L, SS-L	mg/kg
14E0005	14E0005-11	SW8270D	SD14TFA600FS	1,2,4-Trichlorobenzene	0.514	U	0.514	UJ	LCS-L	mg/kg
14E0005	14E0005-11	SW8270D	SD14TFA600FS	2,4-Dinitrophenol	1.03	U	1.03	UJ	LCS-L	mg/kg
14E0005	14E0005-11	SW8270D	SD14TFA600FS	2-Chlorophenol	0.514	U	0.514	UJ	LCS-L	mg/kg
14E0005	14E0005-11	SW8270D	SD14TFA600FS	Aniline	0.514	U	0.514	UJ	LCS-L	mg/kg
14E0005	14E0005-11	SW8270D	SD14TFA600FS	Bis(2-Chloroethyl)ether	0.514	U	0.514	UJ	LCS-L	mg/kg
14E0005	14E0005-11	SW8270D	SD14TFA600FS	2,2'-Dichlorodiisopropylether	0.514	U	0.514	UJ	LCS-L	mg/kg
14E0005	14E0005-11	SW8270D	SD14TFA600FS	Hexachlorobutadiene	0.514	U	0.514	UJ	LCS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0005	14E0005-11	SW8270D	SD14TFA600FS	Hexachlorocyclopentadiene	0.514	U	0.514	UJ	LCS-L	mg/kg
14E0005	14E0005-11	SW8270D	SD14TFA600FS	Hexachloroethane	0.514	U		R	LCS-L	mg/kg
14E0005	14E0005-11	SW8270D	SD14TFA600FS	Nitrobenzene	0.514	U	0.514	UJ	LCS-L	mg/kg
14E0005	14E0005-11	SW8270D	SD14TFA600FS	Pyridine	0.514	U		R	LCS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	1,2,4,5-Tetrachlorobenzene	0.609	U		R	MS-L, SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	1,2,4-Trichlorobenzene	0.609	U		R	LCS-L, MS-L, SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	1-Methylnaphthalene	0.609	U		R	MS-L, SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	2,4-Dichlorophenol	0.609	U		R	MS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	2,4-Dimethylphenol	0.609	U	0.609	UJ	MS-L, MS-RPD	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	2,4-Dinitrophenol	1.22	U		R	LCS-L, MS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	2,4-Dinitrotoluene	0.609	U		R	MS-L, SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	2,6-Dinitrotoluene	0.609	U	0.609	UJ	MS-L, SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	2-Chloronaphthalene	0.609	U		R	MS-L, SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	2-Chlorophenol	0.609	U		R	LCS-L, MS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	2-Methylnaphthalene	0.609	U		R	MS-L, SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	2-Methylphenol	0.609	U		R	MS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	2-Nitroaniline	0.609	U	0.609	UJ	SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	2-Nitrophenol	0.609	U		R	MS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	3 & 4 Methylphenol	0.609	U		R	MS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	3,3'-Dichlorobenzidine	0.609	U	0.609	UJ	SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	3-Nitroaniline	0.609	U		R	MS-L, SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	4,6-Dinitro-2-methylphenol	1.22	U		R	MS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	4-Bromophenyl phenyl ether	0.609	U	0.609	UJ	SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	4-Chloroaniline	0.609	U		R	MS-L, SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	4-Chlorophenyl phenyl ether	0.609	U	0.609	UJ	SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	4-Nitroaniline	0.609	U	0.609	UJ	SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	4-Nitrophenol	0.609	U		R	MS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	Aniline	0.609	U		R	LCS-L, MS-L, SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	Bis(2-Chloroethoxy)methane	0.609	U		R	MS-L, SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	Bis(2-Chloroethyl)ether	0.609	U		R	LCS-L, MS-L, SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	2,2'-Dichlorodiisopropylether	0.609	U		R	LCS-L, MS-L, SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	Bis(2-Ethylhexyl)phthalate	0.609	U	0.609	UJ	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0005	14E0005-09	SW8270D	SD14TFA500FS	Butylbenzylphthalate	0.609	U	0.609	UJ	SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	Carbazole	0.609	U	0.609	UJ	SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	Dibenzofuran	0.609	U	0.609	UJ	MS-L, MS-RPD, SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	Diethylphthalate	0.609	U	0.609	UJ	SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	Dimethylphthalate	0.609	U	0.609	UJ	SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	Di-n-butylphthalate	0.609	U	0.609	UJ	SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	Di-n-octylphthalate	0.609	U	0.609	UJ	SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	Hexachlorobenzene	0.609	U	0.609	UJ	SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	Hexachlorobutadiene	0.609	U		R	LCS-L, MS-L, SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	Hexachlorocyclopentadiene	0.609	U		R	LCS-L, MS-L, SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	Hexachloroethane	0.609	U		R	LCS-L, MS-L, SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	Isophorone	0.609	U		R	MS-L, SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	Nitrobenzene	0.609	U		R	LCS-L, MS-L, SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	N-Nitrosodi-n-propylamine	0.609	U		R	MS-L, SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	N-Nitrosodiphenylamine	0.609	U	0.609	UJ	SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	Pentachloronitrobenzene	0.609	U	0.609	UJ	SS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	Pentachlorophenol	0.609	U		R	MS-L	mg/kg
14E0005	14E0005-09	SW8270D	SD14TFA500FS	Pyridine	0.609	U		R	LCS-L, MS-L, SS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	1,2,4,5-Tetrachlorobenzene	0.614	U		R	MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	1,2,4-Trichlorobenzene	0.614	U		R	LCS-L, MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	1-Methylnaphthalene	0.614	U		R	MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	2,4-Dichlorophenol	0.614	U		R	MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	2,4-Dimethylphenol	0.614	U	0.614	UJ	MS-L, MS-RPD	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	2,4-Dinitrophenol	1.23	U		R	LCS-L, MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	2,4-Dinitrotoluene	0.614	U		R	MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	2,6-Dinitrotoluene	0.614	U	0.614	UJ	MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	2-Chloronaphthalene	0.614	U		R	MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	2-Chlorophenol	0.614	U		R	LCS-L, MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	2-Methylnaphthalene	0.614	U		R	MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	2-Methylphenol	0.614	U		R	MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	2-Nitrophenol	0.614	U		R	MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	3 & 4 Methylphenol	0.614	U		R	MS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0005	14E0005-10	SW8270D	SD14TFA500FD	3-Nitroaniline	0.614	U		R	MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	4,6-Dinitro-2-methylphenol	1.23	U		R	MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	4-Chloroaniline	0.614	U		R	MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	4-Nitroaniline	0.614	U		R	MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	4-Nitrophenol	0.614	U		R	MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	Aniline	0.614	U		R	LCS-L, MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	Bis(2-Chloroethoxy)methane	0.614	U		R	MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	Bis(2-Chloroethyl)ether	0.614	U		R	LCS-L, MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	2,2'-Dichlorodiisopropylether	0.614	U		R	LCS-L, MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	Dibenzofuran	0.614	U	0.614	UJ	MS-L, MS-RPD	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	Hexachlorobutadiene	0.614	U		R	LCS-L, MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	Hexachlorocyclopentadiene	0.614	U		R	LCS-L, MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	Hexachloroethane	0.614	U		R	LCS-L, MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	Isophorone	0.614	U		R	MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	Nitrobenzene	0.614	U		R	LCS-L, MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	N-Nitrosodi-n-propylamine	0.614	U		R	MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	Pentachlorophenol	0.614	U		R	MS-L	mg/kg
14E0005	14E0005-10	SW8270D	SD14TFA500FD	Pyridine	0.614	U		R	LCS-L, MS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	1,2,4,5-Tetrachlorobenzene	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	1,2,4-Trichlorobenzene	0.603	U	0.603	UJ	LCS-L, SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	1-Methylnaphthalene	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	2,4-Dinitrophenol	1.21	U	1.21	UJ	LCS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	2,4-Dinitrotoluene	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	2,6-Dinitrotoluene	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	2-Chloronaphthalene	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	2-Chlorophenol	0.603	U	0.603	UJ	LCS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	2-Methylnaphthalene	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	2-Nitroaniline	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	3,3'-Dichlorobenzidine	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	3-Nitroaniline	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	4-Bromophenyl phenyl ether	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	4-Chloroaniline	0.603	U	0.603	UJ	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0005	14E0005-04	SW8270D	SD14TFA400FS	4-Chlorophenyl phenyl ether	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	4-Nitroaniline	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	Aniline	0.603	U	0.603	UJ	LCS-L, SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	Bis(2-Chloroethoxy)methane	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	Bis(2-Chloroethyl)ether	0.603	U	0.603	UJ	LCS-L, SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	2,2'-Dichlorodisopropylether	0.603	U	0.603	UJ	LCS-L, SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	Bis(2-Ethylhexyl)phthalate	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	Butylbenzylphthalate	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	Carbazole	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	Dibenzofuran	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	Diethylphthalate	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	Dimethylphthalate	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	Di-n-butylphthalate	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	Di-n-octylphthalate	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	Hexachlorobenzene	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	Hexachlorobutadiene	0.603	U	0.603	UJ	LCS-L, SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	Hexachlorocyclopentadiene	0.603	U	0.603	UJ	LCS-L, SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	Hexachloroethane	0.603	U		R	LCS-L, SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	Isophorone	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	Nitrobenzene	0.603	U	0.603	UJ	LCS-L, SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	N-Nitrosodi-n-propylamine	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	N-Nitrosodiphenylamine	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	Pentachloronitrobenzene	0.603	U	0.603	UJ	SS-L	mg/kg
14E0005	14E0005-04	SW8270D	SD14TFA400FS	Pyridine	0.603	U		R	LCS-L, SS-L	mg/kg
14E0005	14E0005-03	SW8270D	SD14TFA300FS	1,2,4-Trichlorobenzene	0.252	U	0.252	UJ	LCS-L	mg/kg
14E0005	14E0005-03	SW8270D	SD14TFA300FS	2,4-Dinitrophenol	0.505	U	0.505	UJ	LCS-L	mg/kg
14E0005	14E0005-03	SW8270D	SD14TFA300FS	2-Chlorophenol	0.252	U	0.252	UJ	LCS-L	mg/kg
14E0005	14E0005-03	SW8270D	SD14TFA300FS	Aniline	0.252	U	0.252	UJ	LCS-L	mg/kg
14E0005	14E0005-03	SW8270D	SD14TFA300FS	Bis(2-Chloroethyl)ether	0.252	U	0.252	UJ	LCS-L	mg/kg
14E0005	14E0005-03	SW8270D	SD14TFA300FS	2,2'-Dichlorodisopropylether	0.252	U	0.252	UJ	LCS-L	mg/kg
14E0005	14E0005-03	SW8270D	SD14TFA300FS	Hexachlorobutadiene	0.252	U	0.252	UJ	LCS-L	mg/kg
14E0005	14E0005-03	SW8270D	SD14TFA300FS	Hexachlorocyclopentadiene	0.252	U	0.252	UJ	LCS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0005	14E0005-03	SW8270D	SD14TFA300FS	Hexachloroethane	0.252	U		R	LCS-L	mg/kg
14E0005	14E0005-03	SW8270D	SD14TFA300FS	Nitrobenzene	0.252	U	0.252	UJ	LCS-L	mg/kg
14E0005	14E0005-03	SW8270D	SD14TFA300FS	Pyridine	0.252	U		R	LCS-L	mg/kg
14E0079	14E0079-09	SW8270D	SD14TFK300FS	1,2,4-Trichlorobenzene	0.397	U	0.397	UJ	LCS-L	mg/kg
14E0079	14E0079-09	SW8270D	SD14TFK300FS	1-Methylnaphthalene	0.397	U	0.397	UJ	LCS-L	mg/kg
14E0079	14E0079-09	SW8270D	SD14TFK300FS	2,4-Dinitrophenol	0.795	U	0.795	UJ	LCS-L	mg/kg
14E0079	14E0079-09	SW8270D	SD14TFK300FS	2-Chlorophenol	0.397	U	0.397	UJ	LCS-L	mg/kg
14E0079	14E0079-09	SW8270D	SD14TFK300FS	2-Methylnaphthalene	0.397	U	0.397	UJ	LCS-L	mg/kg
14E0079	14E0079-09	SW8270D	SD14TFK300FS	2-Methylphenol	0.397	U	0.397	UJ	LCS-L	mg/kg
14E0079	14E0079-09	SW8270D	SD14TFK300FS	2-Nitrophenol	0.397	U	0.397	UJ	LCS-L	mg/kg
14E0079	14E0079-09	SW8270D	SD14TFK300FS	Aniline	0.397	U	0.397	UJ	LCS-L	mg/kg
14E0079	14E0079-09	SW8270D	SD14TFK300FS	Bis(2-Chloroethoxy)methane	0.397	U	0.397	UJ	LCS-L	mg/kg
14E0079	14E0079-09	SW8270D	SD14TFK300FS	Bis(2-Chloroethyl)ether	0.397	U		R	LCS-L	mg/kg
14E0079	14E0079-09	SW8270D	SD14TFK300FS	2,2'-Dichlorodiisopropylether	0.397	U		R	LCS-L	mg/kg
14E0079	14E0079-09	SW8270D	SD14TFK300FS	Hexachlorobutadiene	0.397	U		R	LCS-L	mg/kg
14E0079	14E0079-09	SW8270D	SD14TFK300FS	Hexachlorocyclopentadiene	0.397	U		R	LCS-L	mg/kg
14E0079	14E0079-09	SW8270D	SD14TFK300FS	Hexachloroethane	0.397	U		R	LCS-L	mg/kg
14E0079	14E0079-09	SW8270D	SD14TFK300FS	Isophorone	0.397	U	0.397	UJ	LCS-L	mg/kg
14E0079	14E0079-09	SW8270D	SD14TFK300FS	Nitrobenzene	0.397	U	0.397	UJ	LCS-L	mg/kg
14E0079	14E0079-09	SW8270D	SD14TFK300FS	N-Nitrosodi-n-propylamine	0.397	U	0.397	UJ	LCS-L	mg/kg
14E0079	14E0079-09	SW8270D	SD14TFK300FS	Pyridine	0.397	U		R	LCS-L	mg/kg
14E0079	14E0079-10	SW8270D	SD14TFJ400FS	1,2,4-Trichlorobenzene	0.363	U	0.363	UJ	LCS-L	mg/kg
14E0079	14E0079-10	SW8270D	SD14TFJ400FS	1-Methylnaphthalene	0.363	U	0.363	UJ	LCS-L	mg/kg
14E0079	14E0079-10	SW8270D	SD14TFJ400FS	2,4-Dinitrophenol	0.726	U	0.726	UJ	LCS-L	mg/kg
14E0079	14E0079-10	SW8270D	SD14TFJ400FS	2-Chlorophenol	0.363	U	0.363	UJ	LCS-L	mg/kg
14E0079	14E0079-10	SW8270D	SD14TFJ400FS	2-Methylnaphthalene	0.363	U	0.363	UJ	LCS-L	mg/kg
14E0079	14E0079-10	SW8270D	SD14TFJ400FS	2-Methylphenol	0.363	U	0.363	UJ	LCS-L	mg/kg
14E0079	14E0079-10	SW8270D	SD14TFJ400FS	2-Nitrophenol	0.363	U	0.363	UJ	LCS-L	mg/kg
14E0079	14E0079-10	SW8270D	SD14TFJ400FS	Aniline	0.363	U	0.363	UJ	LCS-L	mg/kg
14E0079	14E0079-10	SW8270D	SD14TFJ400FS	Bis(2-Chloroethoxy)methane	0.363	U	0.363	UJ	LCS-L	mg/kg
14E0079	14E0079-10	SW8270D	SD14TFJ400FS	Bis(2-Chloroethyl)ether	0.363	U		R	LCS-L	mg/kg
14E0079	14E0079-10	SW8270D	SD14TFJ400FS	2,2'-Dichlorodiisopropylether	0.363	U		R	LCS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0079	14E0079-10	SW8270D	SD14TFJ400FS	Hexachlorobutadiene	0.363	U		R	LCS-L	mg/kg
14E0079	14E0079-10	SW8270D	SD14TFJ400FS	Hexachlorocyclopentadiene	0.363	U		R	LCS-L	mg/kg
14E0079	14E0079-10	SW8270D	SD14TFJ400FS	Hexachloroethane	0.363	U		R	LCS-L	mg/kg
14E0079	14E0079-10	SW8270D	SD14TFJ400FS	Isophorone	0.363	U	0.363	UJ	LCS-L	mg/kg
14E0079	14E0079-10	SW8270D	SD14TFJ400FS	Nitrobenzene	0.363	U	0.363	UJ	LCS-L	mg/kg
14E0079	14E0079-10	SW8270D	SD14TFJ400FS	N-Nitrosodi-n-propylamine	0.363	U	0.363	UJ	LCS-L	mg/kg
14E0079	14E0079-10	SW8270D	SD14TFJ400FS	Pyridine	0.363	U		R	LCS-L	mg/kg
14E0079	14E0079-21	SW8270D	SD14TFH400FS	1,2,4-Trichlorobenzene	0.423	U	0.423	UJ	LCS-L	mg/kg
14E0079	14E0079-21	SW8270D	SD14TFH400FS	1-Methylnaphthalene	0.423	U	0.423	UJ	LCS-L	mg/kg
14E0079	14E0079-21	SW8270D	SD14TFH400FS	2,4-Dinitrophenol	0.846	U	0.846	UJ	LCS-L	mg/kg
14E0079	14E0079-21	SW8270D	SD14TFH400FS	2-Chlorophenol	0.423	U	0.423	UJ	LCS-L	mg/kg
14E0079	14E0079-21	SW8270D	SD14TFH400FS	2-Methylnaphthalene	0.423	U	0.423	UJ	LCS-L	mg/kg
14E0079	14E0079-21	SW8270D	SD14TFH400FS	2-Methylphenol	0.423	U	0.423	UJ	LCS-L	mg/kg
14E0079	14E0079-21	SW8270D	SD14TFH400FS	2-Nitrophenol	0.423	U	0.423	UJ	LCS-L	mg/kg
14E0079	14E0079-21	SW8270D	SD14TFH400FS	Aniline	0.423	U	0.423	UJ	LCS-L	mg/kg
14E0079	14E0079-21	SW8270D	SD14TFH400FS	Bis(2-Chloroethoxy)methane	0.423	U	0.423	UJ	LCS-L	mg/kg
14E0079	14E0079-21	SW8270D	SD14TFH400FS	Bis(2-Chloroethyl)ether	0.423	U		R	LCS-L	mg/kg
14E0079	14E0079-21	SW8270D	SD14TFH400FS	2,2'-Dichlorodiisopropylether	0.423	U		R	LCS-L	mg/kg
14E0079	14E0079-21	SW8270D	SD14TFH400FS	Hexachlorobutadiene	0.423	U		R	LCS-L	mg/kg
14E0079	14E0079-21	SW8270D	SD14TFH400FS	Hexachlorocyclopentadiene	0.423	U		R	LCS-L	mg/kg
14E0079	14E0079-21	SW8270D	SD14TFH400FS	Hexachloroethane	0.423	U		R	LCS-L	mg/kg
14E0079	14E0079-21	SW8270D	SD14TFH400FS	Isophorone	0.423	U	0.423	UJ	LCS-L	mg/kg
14E0079	14E0079-21	SW8270D	SD14TFH400FS	Nitrobenzene	0.423	U	0.423	UJ	LCS-L	mg/kg
14E0079	14E0079-21	SW8270D	SD14TFH400FS	N-Nitrosodi-n-propylamine	0.423	U	0.423	UJ	LCS-L	mg/kg
14E0079	14E0079-21	SW8270D	SD14TFH400FS	Pyridine	0.423	U		R	LCS-L	mg/kg
14E0079	14E0079-08	SW8270D	SD14TFH300FS	1,2,4-Trichlorobenzene	0.427	U	0.427	UJ	LCS-L	mg/kg
14E0079	14E0079-08	SW8270D	SD14TFH300FS	1-Methylnaphthalene	0.427	U	0.427	UJ	LCS-L	mg/kg
14E0079	14E0079-08	SW8270D	SD14TFH300FS	2,4-Dinitrophenol	0.854	U	0.854	UJ	LCS-L	mg/kg
14E0079	14E0079-08	SW8270D	SD14TFH300FS	2-Chlorophenol	0.427	U	0.427	UJ	LCS-L	mg/kg
14E0079	14E0079-08	SW8270D	SD14TFH300FS	2-Methylnaphthalene	0.427	U	0.427	UJ	LCS-L	mg/kg
14E0079	14E0079-08	SW8270D	SD14TFH300FS	2-Methylphenol	0.427	U	0.427	UJ	LCS-L	mg/kg
14E0079	14E0079-08	SW8270D	SD14TFH300FS	2-Nitrophenol	0.427	U	0.427	UJ	LCS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0079	14E0079-08	SW8270D	SD14TFH300FS	Aniline	0.427	U	0.427	UJ	LCS-L	mg/kg
14E0079	14E0079-08	SW8270D	SD14TFH300FS	Bis(2-Chloroethoxy)methane	0.427	U	0.427	UJ	LCS-L	mg/kg
14E0079	14E0079-08	SW8270D	SD14TFH300FS	Bis(2-Chloroethyl)ether	0.427	U		R	LCS-L	mg/kg
14E0079	14E0079-08	SW8270D	SD14TFH300FS	2,2'-Dichlorodiisopropylether	0.427	U		R	LCS-L	mg/kg
14E0079	14E0079-08	SW8270D	SD14TFH300FS	Hexachlorobutadiene	0.427	U		R	LCS-L	mg/kg
14E0079	14E0079-08	SW8270D	SD14TFH300FS	Hexachlorocyclopentadiene	0.427	U		R	LCS-L	mg/kg
14E0079	14E0079-08	SW8270D	SD14TFH300FS	Hexachloroethane	0.427	U		R	LCS-L	mg/kg
14E0079	14E0079-08	SW8270D	SD14TFH300FS	Isophorone	0.427	U	0.427	UJ	LCS-L	mg/kg
14E0079	14E0079-08	SW8270D	SD14TFH300FS	Nitrobenzene	0.427	U	0.427	UJ	LCS-L	mg/kg
14E0079	14E0079-08	SW8270D	SD14TFH300FS	N-Nitrosodi-n-propylamine	0.427	U	0.427	UJ	LCS-L	mg/kg
14E0079	14E0079-08	SW8270D	SD14TFH300FS	Pyridine	0.427	U		R	LCS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	1,2,4,5-Tetrachlorobenzene	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	1,2,4-Trichlorobenzene	0.396	U	0.396	UJ	LCS-L, SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	1-Methylnaphthalene	0.396	U	0.396	UJ	LCS-L, SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	2,4,5-Trichlorophenol	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	2,4,6-Trichlorophenol	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	2,4-Dichlorophenol	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	2,4-Dimethylphenol	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	2,4-Dinitrophenol	0.793	U	0.793	UJ	LCS-L, SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	2,4-Dinitrotoluene	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	2,6-Dinitrotoluene	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	2-Chloronaphthalene	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	2-Chlorophenol	0.396	U	0.396	UJ	LCS-L, SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	2-Methylnaphthalene	0.396	U	0.396	UJ	LCS-L, SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	2-Methylphenol	0.396	U	0.396	UJ	LCS-L, SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	2-Nitroaniline	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	2-Nitrophenol	0.396	U	0.396	UJ	LCS-L, SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	3 & 4 Methylphenol	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	3,3'-Dichlorobenzidine	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	3-Nitroaniline	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	4,6-Dinitro-2-methylphenol	0.793	U	0.793	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	4-Bromophenyl phenyl ether	0.396	U	0.396	UJ	SS-L	mg/kg

**Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut**

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0079	14E0079-02	SW8270D	SD14TFF500FS	4-Chloro-3-methylphenol	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	4-Chloroaniline	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	4-Chlorophenyl phenyl ether	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	4-Nitroaniline	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	4-Nitrophenol	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	Aniline	0.396	U	0.396	UJ	LCS-L, SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	Bis(2-Chloroethoxy)methane	0.396	U	0.396	UJ	LCS-L, SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	Bis(2-Chloroethyl)ether	0.396	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	2,2'-Dichlorodiisopropylether	0.396	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	Bis(2-Ethylhexyl)phthalate	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	Butylbenzylphthalate	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	Carbazole	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	Dibenzofuran	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	Diethylphthalate	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	Dimethylphthalate	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	Di-n-butylphthalate	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	Di-n-octylphthalate	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	Hexachlorobenzene	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	Hexachlorobutadiene	0.396	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	Hexachlorocyclopentadiene	0.396	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	Hexachloroethane	0.396	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	Isophorone	0.396	U	0.396	UJ	LCS-L, SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	Nitrobenzene	0.396	U	0.396	UJ	LCS-L, SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	N-Nitrosodi-n-propylamine	0.396	U	0.396	UJ	LCS-L, SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	N-Nitrosodiphenylamine	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	Pentachloronitrobenzene	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	Pentachlorophenol	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	Phenol	0.396	U	0.396	UJ	SS-L	mg/kg
14E0079	14E0079-02	SW8270D	SD14TFF500FS	Pyridine	0.396	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	1,2,4,5-Tetrachlorobenzene	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	1,2,4-Trichlorobenzene	0.462	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	1-Methylnaphthalene	0.462	U		R	LCS-L, SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0079	14E0079-03	SW8270D	SD14TFF400FS	2,4,5-Trichlorophenol	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	2,4,6-Trichlorophenol	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	2,4-Dichlorophenol	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	2,4-Dimethylphenol	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	2,4-Dinitrophenol	0.924	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	2,4-Dinitrotoluene	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	2,6-Dinitrotoluene	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	2-Chloronaphthalene	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	2-Chlorophenol	0.462	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	2-Methylnaphthalene	0.462	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	2-Methylphenol	0.462	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	2-Nitroaniline	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	2-Nitrophenol	0.462	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	3 & 4 Methylphenol	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	3,3'-Dichlorobenzidine	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	3-Nitroaniline	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	4,6-Dinitro-2-methylphenol	0.924	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	4-Bromophenyl phenyl ether	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	4-Chloro-3-methylphenol	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	4-Chloroaniline	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	4-Chlorophenyl phenyl ether	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	4-Nitroaniline	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	4-Nitrophenol	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	Aniline	0.462	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	Bis(2-Chloroethoxy)methane	0.462	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	Bis(2-Chloroethyl)ether	0.462	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	2,2'-Dichlorodiisopropylether	0.462	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	Bis(2-Ethylhexyl)phthalate	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	Butylbenzylphthalate	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	Carbazole	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	Dibenzofuran	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	Diethylphthalate	0.462	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0079	14E0079-03	SW8270D	SD14TFF400FS	Dimethylphthalate	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	Di-n-butylphthalate	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	Di-n-octylphthalate	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	Hexachlorobenzene	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	Hexachlorobutadiene	0.462	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	Hexachlorocyclopentadiene	0.462	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	Hexachloroethane	0.462	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	Isophorone	0.462	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	Nitrobenzene	0.462	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	N-Nitrosodi-n-propylamine	0.462	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	N-Nitrosodiphenylamine	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	Pentachloronitrobenzene	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	Pentachlorophenol	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	Phenol	0.462	U		R	SS-L	mg/kg
14E0079	14E0079-03	SW8270D	SD14TFF400FS	Pyridine	0.462	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-05	SW8270D	SD14TFE500FS	1,2,4-Trichlorobenzene	0.397	U	0.397	UJ	LCS-L	mg/kg
14E0079	14E0079-05	SW8270D	SD14TFE500FS	1-Methylnaphthalene	0.397	U	0.397	UJ	LCS-L	mg/kg
14E0079	14E0079-05	SW8270D	SD14TFE500FS	2,4-Dinitrophenol	0.794	U	0.794	UJ	LCS-L	mg/kg
14E0079	14E0079-05	SW8270D	SD14TFE500FS	2-Chlorophenol	0.397	U	0.397	UJ	LCS-L	mg/kg
14E0079	14E0079-05	SW8270D	SD14TFE500FS	2-Methylnaphthalene	0.397	U	0.397	UJ	LCS-L	mg/kg
14E0079	14E0079-05	SW8270D	SD14TFE500FS	2-Methylphenol	0.397	U	0.397	UJ	LCS-L	mg/kg
14E0079	14E0079-05	SW8270D	SD14TFE500FS	2-Nitrophenol	0.397	U	0.397	UJ	LCS-L	mg/kg
14E0079	14E0079-05	SW8270D	SD14TFE500FS	Aniline	0.397	U	0.397	UJ	LCS-L	mg/kg
14E0079	14E0079-05	SW8270D	SD14TFE500FS	Bis(2-Chloroethoxy)methane	0.397	U	0.397	UJ	LCS-L	mg/kg
14E0079	14E0079-05	SW8270D	SD14TFE500FS	Bis(2-Chloroethyl)ether	0.397	U		R	LCS-L	mg/kg
14E0079	14E0079-05	SW8270D	SD14TFE500FS	2,2'-Dichlorodiisopropylether	0.397	U		R	LCS-L	mg/kg
14E0079	14E0079-05	SW8270D	SD14TFE500FS	Hexachlorobutadiene	0.397	U		R	LCS-L	mg/kg
14E0079	14E0079-05	SW8270D	SD14TFE500FS	Hexachlorocyclopentadiene	0.397	U		R	LCS-L	mg/kg
14E0079	14E0079-05	SW8270D	SD14TFE500FS	Hexachloroethane	0.397	U		R	LCS-L	mg/kg
14E0079	14E0079-05	SW8270D	SD14TFE500FS	Isophorone	0.397	U	0.397	UJ	LCS-L	mg/kg
14E0079	14E0079-05	SW8270D	SD14TFE500FS	Nitrobenzene	0.397	U	0.397	UJ	LCS-L	mg/kg
14E0079	14E0079-05	SW8270D	SD14TFE500FS	N-Nitrosodi-n-propylamine	0.397	U	0.397	UJ	LCS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0079	14E0079-05	SW8270D	SD14TFE500FS	Pyridine	0.397	U		R	LCS-L	mg/kg
14E0079	14E0079-04	SW8270D	SD14TFE400FS	1,2,4-Trichlorobenzene	0.415	U	0.415	UJ	LCS-L	mg/kg
14E0079	14E0079-04	SW8270D	SD14TFE400FS	1-Methylnaphthalene	0.415	U	0.415	UJ	LCS-L	mg/kg
14E0079	14E0079-04	SW8270D	SD14TFE400FS	2,4-Dinitrophenol	0.831	U	0.831	UJ	LCS-L	mg/kg
14E0079	14E0079-04	SW8270D	SD14TFE400FS	2-Chlorophenol	0.415	U	0.415	UJ	LCS-L	mg/kg
14E0079	14E0079-04	SW8270D	SD14TFE400FS	2-Methylnaphthalene	0.415	U	0.415	UJ	LCS-L	mg/kg
14E0079	14E0079-04	SW8270D	SD14TFE400FS	2-Methylphenol	0.415	U	0.415	UJ	LCS-L	mg/kg
14E0079	14E0079-04	SW8270D	SD14TFE400FS	2-Nitrophenol	0.415	U	0.415	UJ	LCS-L	mg/kg
14E0079	14E0079-04	SW8270D	SD14TFE400FS	Aniline	0.415	U	0.415	UJ	LCS-L	mg/kg
14E0079	14E0079-04	SW8270D	SD14TFE400FS	Bis(2-Chloroethoxy)methane	0.415	U	0.415	UJ	LCS-L	mg/kg
14E0079	14E0079-04	SW8270D	SD14TFE400FS	Bis(2-Chloroethyl)ether	0.415	U		R	LCS-L	mg/kg
14E0079	14E0079-04	SW8270D	SD14TFE400FS	2,2'-Dichlorodiisopropylether	0.415	U		R	LCS-L	mg/kg
14E0079	14E0079-04	SW8270D	SD14TFE400FS	Hexachlorobutadiene	0.415	U		R	LCS-L	mg/kg
14E0079	14E0079-04	SW8270D	SD14TFE400FS	Hexachlorocyclopentadiene	0.415	U		R	LCS-L	mg/kg
14E0079	14E0079-04	SW8270D	SD14TFE400FS	Hexachloroethane	0.415	U		R	LCS-L	mg/kg
14E0079	14E0079-04	SW8270D	SD14TFE400FS	Isophorone	0.415	U	0.415	UJ	LCS-L	mg/kg
14E0079	14E0079-04	SW8270D	SD14TFE400FS	Nitrobenzene	0.415	U	0.415	UJ	LCS-L	mg/kg
14E0079	14E0079-04	SW8270D	SD14TFE400FS	N-Nitrosodi-n-propylamine	0.415	U	0.415	UJ	LCS-L	mg/kg
14E0079	14E0079-04	SW8270D	SD14TFE400FS	Pyridine	0.415	U		R	LCS-L	mg/kg
14E0079	14E0079-06	SW8270D	SD14TFE300FS	1,2,4-Trichlorobenzene	0.423	U	0.423	UJ	LCS-L	mg/kg
14E0079	14E0079-06	SW8270D	SD14TFE300FS	1-Methylnaphthalene	0.423	U	0.423	UJ	LCS-L	mg/kg
14E0079	14E0079-06	SW8270D	SD14TFE300FS	2,4-Dinitrophenol	0.846	U	0.846	UJ	LCS-L	mg/kg
14E0079	14E0079-06	SW8270D	SD14TFE300FS	2-Chlorophenol	0.423	U	0.423	UJ	LCS-L	mg/kg
14E0079	14E0079-06	SW8270D	SD14TFE300FS	2-Methylnaphthalene	0.423	U	0.423	UJ	LCS-L	mg/kg
14E0079	14E0079-06	SW8270D	SD14TFE300FS	2-Methylphenol	0.423	U	0.423	UJ	LCS-L	mg/kg
14E0079	14E0079-06	SW8270D	SD14TFE300FS	2-Nitrophenol	0.423	U	0.423	UJ	LCS-L	mg/kg
14E0079	14E0079-06	SW8270D	SD14TFE300FS	Aniline	0.423	U	0.423	UJ	LCS-L	mg/kg
14E0079	14E0079-06	SW8270D	SD14TFE300FS	Bis(2-Chloroethoxy)methane	0.423	U	0.423	UJ	LCS-L	mg/kg
14E0079	14E0079-06	SW8270D	SD14TFE300FS	Bis(2-Chloroethyl)ether	0.423	U		R	LCS-L	mg/kg
14E0079	14E0079-06	SW8270D	SD14TFE300FS	2,2'-Dichlorodiisopropylether	0.423	U		R	LCS-L	mg/kg
14E0079	14E0079-06	SW8270D	SD14TFE300FS	Hexachlorobutadiene	0.423	U		R	LCS-L	mg/kg
14E0079	14E0079-06	SW8270D	SD14TFE300FS	Hexachlorocyclopentadiene	0.423	U		R	LCS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0079	14E0079-06	SW8270D	SD14TFE300FS	Hexachloroethane	0.423	U		R	LCS-L	mg/kg
14E0079	14E0079-06	SW8270D	SD14TFE300FS	Isophorone	0.423	U	0.423	UJ	LCS-L	mg/kg
14E0079	14E0079-06	SW8270D	SD14TFE300FS	Nitrobenzene	0.423	U	0.423	UJ	LCS-L	mg/kg
14E0079	14E0079-06	SW8270D	SD14TFE300FS	N-Nitrosodi-n-propylamine	0.423	U	0.423	UJ	LCS-L	mg/kg
14E0079	14E0079-06	SW8270D	SD14TFE300FS	Pyridine	0.423	U		R	LCS-L	mg/kg
14E0079	14E0079-07	SW8270D	SD14TFD500FS	1,2,4-Trichlorobenzene	0.424	U	0.424	UJ	LCS-L	mg/kg
14E0079	14E0079-07	SW8270D	SD14TFD500FS	1-Methylnaphthalene	0.424	U	0.424	UJ	LCS-L	mg/kg
14E0079	14E0079-07	SW8270D	SD14TFD500FS	2,4-Dinitrophenol	0.848	U	0.848	UJ	LCS-L	mg/kg
14E0079	14E0079-07	SW8270D	SD14TFD500FS	2-Chlorophenol	0.424	U	0.424	UJ	LCS-L	mg/kg
14E0079	14E0079-07	SW8270D	SD14TFD500FS	2-Methylnaphthalene	0.424	U	0.424	UJ	LCS-L	mg/kg
14E0079	14E0079-07	SW8270D	SD14TFD500FS	2-Methylphenol	0.424	U	0.424	UJ	LCS-L	mg/kg
14E0079	14E0079-07	SW8270D	SD14TFD500FS	2-Nitrophenol	0.424	U	0.424	UJ	LCS-L	mg/kg
14E0079	14E0079-07	SW8270D	SD14TFD500FS	Aniline	0.424	U	0.424	UJ	LCS-L	mg/kg
14E0079	14E0079-07	SW8270D	SD14TFD500FS	Bis(2-Chloroethoxy)methane	0.424	U	0.424	UJ	LCS-L	mg/kg
14E0079	14E0079-07	SW8270D	SD14TFD500FS	Bis(2-Chloroethyl)ether	0.424	U		R	LCS-L	mg/kg
14E0079	14E0079-07	SW8270D	SD14TFD500FS	2,2'-Dichlorodiisopropylether	0.424	U		R	LCS-L	mg/kg
14E0079	14E0079-07	SW8270D	SD14TFD500FS	Hexachlorobutadiene	0.424	U		R	LCS-L	mg/kg
14E0079	14E0079-07	SW8270D	SD14TFD500FS	Hexachlorocyclopentadiene	0.424	U		R	LCS-L	mg/kg
14E0079	14E0079-07	SW8270D	SD14TFD500FS	Hexachloroethane	0.424	U		R	LCS-L	mg/kg
14E0079	14E0079-07	SW8270D	SD14TFD500FS	Isophorone	0.424	U	0.424	UJ	LCS-L	mg/kg
14E0079	14E0079-07	SW8270D	SD14TFD500FS	Nitrobenzene	0.424	U	0.424	UJ	LCS-L	mg/kg
14E0079	14E0079-07	SW8270D	SD14TFD500FS	N-Nitrosodi-n-propylamine	0.424	U	0.424	UJ	LCS-L	mg/kg
14E0079	14E0079-07	SW8270D	SD14TFD500FS	Pyridine	0.424	U		R	LCS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	1,2,4,5-Tetrachlorobenzene	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	1,2,4-Trichlorobenzene	0.338	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	1-Methylnaphthalene	0.338	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	2,4,5-Trichlorophenol	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	2,4,6-Trichlorophenol	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	2,4-Dichlorophenol	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	2,4-Dimethylphenol	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	2,4-Dinitrophenol	0.677	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	2,4-Dinitrotoluene	0.338	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0079	14E0079-01	SW8270D	SD14TFC100FS	2,6-Dinitrotoluene	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	2-Chloronaphthalene	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	2-Chlorophenol	0.338	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	2-Methylnaphthalene	0.338	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	2-Methylphenol	0.338	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	2-Nitroaniline	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	2-Nitrophenol	0.338	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	3 & 4 Methylphenol	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	3,3'-Dichlorobenzidine	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	3-Nitroaniline	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	4,6-Dinitro-2-methylphenol	0.677	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	4-Bromophenyl phenyl ether	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	4-Chloro-3-methylphenol	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	4-Chloroaniline	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	4-Chlorophenyl phenyl ether	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	4-Nitroaniline	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	4-Nitrophenol	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	Aniline	0.338	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	Bis(2-Chloroethoxy)methane	0.338	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	Bis(2-Chloroethyl)ether	0.338	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	2,2'-Dichlorodiisopropylether	0.338	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	Bis(2-Ethylhexyl)phthalate	0.48		0.48	J	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	Butylbenzylphthalate	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	Carbazole	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	Dibenzofuran	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	Diethylphthalate	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	Dimethylphthalate	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	Di-n-butylphthalate	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	Di-n-octylphthalate	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	Hexachlorobenzene	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	Hexachlorobutadiene	0.338	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	Hexachlorocyclopentadiene	0.338	U		R	LCS-L, SS-L	mg/kg

**Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut**

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0079	14E0079-01	SW8270D	SD14TFC100FS	Hexachloroethane	0.338	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	Isophorone	0.338	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	Nitrobenzene	0.338	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	N-Nitrosodi-n-propylamine	0.338	U		R	LCS-L, SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	N-Nitrosodiphenylamine	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	Pentachloronitrobenzene	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	Pentachlorophenol	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	Phenol	0.338	U		R	SS-L	mg/kg
14E0079	14E0079-01	SW8270D	SD14TFC100FS	Pyridine	0.338	U		R	LCS-L, SS-L	mg/kg
14E0105	14E0105-07	SW8270D	SD14TFF300FS	Hexachlorocyclopentadiene	0.375	U	0.375	UJ	LCS-L	mg/kg
14E0105	14E0105-07	SW8270D	SD14TFF300FS	Pyridine	0.375	U	0.375	UJ	LCS-L	mg/kg
14E0105	14E0105-06	SW8270D	SD14TFF200FS	Hexachlorocyclopentadiene	0.44	U	0.44	UJ	LCS-L	mg/kg
14E0105	14E0105-06	SW8270D	SD14TFF200FS	Pyridine	0.44	U	0.44	UJ	LCS-L	mg/kg
14E0105	14E0105-05	SW8270D	SD14TFE200FS	Hexachlorocyclopentadiene	0.419	U	0.419	UJ	LCS-L	mg/kg
14E0105	14E0105-05	SW8270D	SD14TFE200FS	Pyridine	0.419	U	0.419	UJ	LCS-L	mg/kg
14E0105	14E0105-04	SW8270D	SD14TFD700FS	Hexachlorocyclopentadiene	0.443	U	0.443	UJ	LCS-L	mg/kg
14E0105	14E0105-04	SW8270D	SD14TFD700FS	Pyridine	0.443	U	0.443	UJ	LCS-L	mg/kg
14E0105	14E0105-03	SW8270D	SD14TFD600FS	Hexachlorocyclopentadiene	0.461	U	0.461	UJ	LCS-L	mg/kg
14E0105	14E0105-03	SW8270D	SD14TFD600FS	Pyridine	0.461	U	0.461	UJ	LCS-L	mg/kg
14E0105	14E0105-02	SW8270D	SD14TFD400FS	Hexachlorocyclopentadiene	0.392	U	0.392	UJ	LCS-L	mg/kg
14E0105	14E0105-02	SW8270D	SD14TFD400FS	Pyridine	0.392	U	0.392	UJ	LCS-L	mg/kg
14E0105	14E0105-01	SW8270D	SD14TFD300FS	Hexachlorocyclopentadiene	0.456	U	0.456	UJ	LCS-L	mg/kg
14E0105	14E0105-01	SW8270D	SD14TFD300FS	Pyridine	0.456	U	0.456	UJ	LCS-L	mg/kg
14E0105	14E0105-08	SW8270D	SD14TFD200FS	Hexachlorocyclopentadiene	0.445	U	0.445	UJ	LCS-L	mg/kg
14E0105	14E0105-08	SW8270D	SD14TFD200FS	Pyridine	0.445	U	0.445	UJ	LCS-L	mg/kg
14E0166	14E0166-30	SW8270D	SD14TFL500FS	1,2,4-Trichlorobenzene	0.431	U	0.431	UJ	LCS-L	mg/kg
14E0166	14E0166-30	SW8270D	SD14TFL500FS	2-Chlorophenol	0.431	U	0.431	UJ	LCS-L	mg/kg
14E0166	14E0166-30	SW8270D	SD14TFL500FS	Aniline	0.431	U	0.431	UJ	LCS-L	mg/kg
14E0166	14E0166-30	SW8270D	SD14TFL500FS	Bis(2-Chloroethyl)ether	0.431	U	0.431	UJ	LCS-L	mg/kg
14E0166	14E0166-30	SW8270D	SD14TFL500FS	2,2'-Dichlorodiisopropylether	0.431	U	0.431	UJ	LCS-L	mg/kg
14E0166	14E0166-30	SW8270D	SD14TFL500FS	Hexachlorobutadiene	0.431	U	0.431	UJ	LCS-L	mg/kg
14E0166	14E0166-30	SW8270D	SD14TFL500FS	Hexachlorocyclopentadiene	0.431	U		R	LCS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0166	14E0166-30	SW8270D	SD14TFL500FS	Hexachloroethane	0.431	U		R	LCS-L	mg/kg
14E0166	14E0166-30	SW8270D	SD14TFL500FS	Nitrobenzene	0.431	U	0.431	UJ	LCS-L	mg/kg
14E0166	14E0166-30	SW8270D	SD14TFL500FS	N-Nitrosodi-n-propylamine	0.431	U	0.431	UJ	LCS-L	mg/kg
14E0166	14E0166-30	SW8270D	SD14TFL500FS	Pyridine	0.431	U		R	LCS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	1,2,4,5-Tetrachlorobenzene	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	1,2,4-Trichlorobenzene	0.502	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	1-Methylnaphthalene	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	2,4,5-Trichlorophenol	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	2,4,6-Trichlorophenol	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	2,4-Dichlorophenol	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	2,4-Dimethylphenol	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	2,4-Dinitrophenol	1	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	2,4-Dinitrotoluene	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	2,6-Dinitrotoluene	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	2-Chloronaphthalene	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	2-Chlorophenol	0.502	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	2-Methylnaphthalene	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	2-Methylphenol	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	2-Nitroaniline	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	2-Nitrophenol	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	3 & 4 Methylphenol	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	3,3'-Dichlorobenzidine	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	3-Nitroaniline	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	4,6-Dinitro-2-methylphenol	1	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	4-Bromophenyl phenyl ether	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	4-Chloro-3-methylphenol	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	4-Chloroaniline	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	4-Chlorophenyl phenyl ether	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	4-Nitroaniline	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	4-Nitrophenol	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	Aniline	0.502	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	Bis(2-Chloroethoxy)methane	0.502	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0166	14E0166-29	SW8270D	SD14TFL300FS	Bis(2-Chloroethyl)ether	0.502	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	2,2'-Dichlorodiisopropylether	0.502	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	Bis(2-Ethylhexyl)phthalate	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	Butylbenzylphthalate	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	Carbazole	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	Dibenzofuran	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	Diethylphthalate	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	Dimethylphthalate	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	Di-n-butylphthalate	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	Di-n-octylphthalate	2.01	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	Hexachlorobenzene	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	Hexachlorobutadiene	0.502	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	Hexachlorocyclopentadiene	0.502	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	Hexachloroethane	0.502	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	Isophorone	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	Nitrobenzene	0.502	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	N-Nitrosodi-n-propylamine	0.502	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	N-Nitrosodiphenylamine	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	Pentachloronitrobenzene	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	Pentachlorophenol	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	Phenol	0.502	U		R	SS-L	mg/kg
14E0166	14E0166-29	SW8270D	SD14TFL300FS	Pyridine	0.502	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	1,2,4,5-Tetrachlorobenzene	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	1,2,4-Trichlorobenzene	0.363	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	1-Methylnaphthalene	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	2,4,5-Trichlorophenol	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	2,4,6-Trichlorophenol	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	2,4-Dichlorophenol	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	2,4-Dimethylphenol	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	2,4-Dinitrophenol	0.726	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	2,4-Dinitrotoluene	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	2,6-Dinitrotoluene	0.363	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0166	14E0166-28	SW8270D	SD14TFK500FS	2-Chloronaphthalene	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	2-Chlorophenol	0.363	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	2-Methylnaphthalene	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	2-Methylphenol	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	2-Nitroaniline	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	2-Nitrophenol	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	3 & 4 Methylphenol	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	3,3'-Dichlorobenzidine	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	3-Nitroaniline	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	4,6-Dinitro-2-methylphenol	0.726	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	4-Bromophenyl phenyl ether	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	4-Chloro-3-methylphenol	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	4-Chloroaniline	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	4-Chlorophenyl phenyl ether	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	4-Nitroaniline	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	4-Nitrophenol	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	Aniline	0.363	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	Bis(2-Chloroethoxy)methane	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	Bis(2-Chloroethyl)ether	0.363	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	2,2'-Dichlorodiisopropylether	0.363	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	Bis(2-Ethylhexyl)phthalate	0.593		0.593	J	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	Butylbenzylphthalate	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	Carbazole	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	Dibenzofuran	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	Diethylphthalate	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	Dimethylphthalate	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	Di-n-butylphthalate	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	Di-n-octylphthalate	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	Hexachlorobenzene	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	Hexachlorobutadiene	0.363	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	Hexachlorocyclopentadiene	0.363	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	Hexachloroethane	0.363	U		R	LCS-L, SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0166	14E0166-28	SW8270D	SD14TFK500FS	Isophorone	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	Nitrobenzene	0.363	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	N-Nitrosodi-n-propylamine	0.363	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	N-Nitrosodiphenylamine	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	Pentachloronitrobenzene	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	Pentachlorophenol	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	Phenol	0.363	U		R	SS-L	mg/kg
14E0166	14E0166-28	SW8270D	SD14TFK500FS	Pyridine	0.363	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	1,2,4,5-Tetrachlorobenzene	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	1,2,4-Trichlorobenzene	0.43	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	1-Methylnaphthalene	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	2,4,5-Trichlorophenol	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	2,4,6-Trichlorophenol	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	2,4-Dichlorophenol	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	2,4-Dimethylphenol	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	2,4-Dinitrophenol	0.859	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	2,4-Dinitrotoluene	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	2,6-Dinitrotoluene	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	2-Chloronaphthalene	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	2-Chlorophenol	0.43	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	2-Methylnaphthalene	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	2-Methylphenol	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	2-Nitroaniline	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	2-Nitrophenol	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	3 & 4 Methylphenol	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	3,3'-Dichlorobenzidine	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	3-Nitroaniline	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	4,6-Dinitro-2-methylphenol	0.859	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	4-Bromophenyl phenyl ether	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	4-Chloro-3-methylphenol	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	4-Chloroaniline	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	4-Chlorophenyl phenyl ether	0.43	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0166	14E0166-27	SW8270D	SD14TFH500FS	4-Nitroaniline	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	4-Nitrophenol	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	Aniline	0.43	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	Bis(2-Chloroethoxy)methane	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	Bis(2-Chloroethyl)ether	0.43	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	2,2'-Dichlorodiisopropylether	0.43	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	Bis(2-Ethylhexyl)phthalate	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	Butylbenzylphthalate	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	Carbazole	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	Dibenzofuran	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	Diethylphthalate	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	Dimethylphthalate	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	Di-n-butylphthalate	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	Di-n-octylphthalate	1.72	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	Hexachlorobenzene	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	Hexachlorobutadiene	0.43	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	Hexachlorocyclopentadiene	0.43	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	Hexachloroethane	0.43	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	Isophorone	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	Nitrobenzene	0.43	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	N-Nitrosodi-n-propylamine	0.43	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	N-Nitrosodiphenylamine	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	Pentachloronitrobenzene	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	Pentachlorophenol	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	Phenol	0.43	U		R	SS-L	mg/kg
14E0166	14E0166-27	SW8270D	SD14TFH500FS	Pyridine	0.43	U		R	LCS-L, SS-L	mg/kg
14E0166	14E0166-26	SW8270D	SD14TFG500FS	1,2,4-Trichlorobenzene	0.42	U	0.42	UJ	LCS-L	mg/kg
14E0166	14E0166-26	SW8270D	SD14TFG500FS	2-Chlorophenol	0.42	U	0.42	UJ	LCS-L	mg/kg
14E0166	14E0166-26	SW8270D	SD14TFG500FS	Aniline	0.42	U	0.42	UJ	LCS-L	mg/kg
14E0166	14E0166-26	SW8270D	SD14TFG500FS	Bis(2-Chloroethyl)ether	0.42	U	0.42	UJ	LCS-L	mg/kg
14E0166	14E0166-26	SW8270D	SD14TFG500FS	2,2'-Dichlorodiisopropylether	0.42	U	0.42	UJ	LCS-L	mg/kg
14E0166	14E0166-26	SW8270D	SD14TFG500FS	Hexachlorobutadiene	0.42	U	0.42	UJ	LCS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0166	14E0166-26	SW8270D	SD14TFG500FS	Hexachlorocyclopentadiene	0.42	U		R	LCS-L	mg/kg
14E0166	14E0166-26	SW8270D	SD14TFG500FS	Hexachloroethane	0.42	U		R	LCS-L	mg/kg
14E0166	14E0166-26	SW8270D	SD14TFG500FS	Nitrobenzene	0.42	U	0.42	UJ	LCS-L	mg/kg
14E0166	14E0166-26	SW8270D	SD14TFG500FS	N-Nitrosodi-n-propylamine	0.42	U	0.42	UJ	LCS-L	mg/kg
14E0166	14E0166-26	SW8270D	SD14TFG500FS	Pyridine	0.42	U		R	LCS-L	mg/kg
14E0166	14E0166-25	SW8270D	SD14TFF600FS	1,2,4-Trichlorobenzene	0.352	U	0.352	UJ	LCS-L	mg/kg
14E0166	14E0166-25	SW8270D	SD14TFF600FS	2-Chlorophenol	0.352	U	0.352	UJ	LCS-L	mg/kg
14E0166	14E0166-25	SW8270D	SD14TFF600FS	Aniline	0.352	U	0.352	UJ	LCS-L	mg/kg
14E0166	14E0166-25	SW8270D	SD14TFF600FS	Bis(2-Chloroethyl)ether	0.352	U	0.352	UJ	LCS-L	mg/kg
14E0166	14E0166-25	SW8270D	SD14TFF600FS	2,2'-Dichlorodiisopropylether	0.352	U	0.352	UJ	LCS-L	mg/kg
14E0166	14E0166-25	SW8270D	SD14TFF600FS	Hexachlorobutadiene	0.352	U	0.352	UJ	LCS-L	mg/kg
14E0166	14E0166-25	SW8270D	SD14TFF600FS	Hexachlorocyclopentadiene	0.352	U		R	LCS-L	mg/kg
14E0166	14E0166-25	SW8270D	SD14TFF600FS	Hexachloroethane	0.352	U		R	LCS-L	mg/kg
14E0166	14E0166-25	SW8270D	SD14TFF600FS	Nitrobenzene	0.352	U	0.352	UJ	LCS-L	mg/kg
14E0166	14E0166-25	SW8270D	SD14TFF600FS	N-Nitrosodi-n-propylamine	0.352	U	0.352	UJ	LCS-L	mg/kg
14E0166	14E0166-25	SW8270D	SD14TFF600FS	Pyridine	0.352	U		R	LCS-L	mg/kg
14E0166	14E0166-24	SW8270D	SD14TFE600FS	1,2,4-Trichlorobenzene	0.41	U	0.41	UJ	LCS-L	mg/kg
14E0166	14E0166-24	SW8270D	SD14TFE600FS	2-Chlorophenol	0.41	U	0.41	UJ	LCS-L	mg/kg
14E0166	14E0166-24	SW8270D	SD14TFE600FS	Aniline	0.41	U	0.41	UJ	LCS-L	mg/kg
14E0166	14E0166-24	SW8270D	SD14TFE600FS	Bis(2-Chloroethyl)ether	0.41	U	0.41	UJ	LCS-L	mg/kg
14E0166	14E0166-24	SW8270D	SD14TFE600FS	2,2'-Dichlorodiisopropylether	0.41	U	0.41	UJ	LCS-L	mg/kg
14E0166	14E0166-24	SW8270D	SD14TFE600FS	Hexachlorobutadiene	0.41	U	0.41	UJ	LCS-L	mg/kg
14E0166	14E0166-24	SW8270D	SD14TFE600FS	Hexachlorocyclopentadiene	0.41	U		R	LCS-L	mg/kg
14E0166	14E0166-24	SW8270D	SD14TFE600FS	Hexachloroethane	0.41	U		R	LCS-L	mg/kg
14E0166	14E0166-24	SW8270D	SD14TFE600FS	Nitrobenzene	0.41	U	0.41	UJ	LCS-L	mg/kg
14E0166	14E0166-24	SW8270D	SD14TFE600FS	N-Nitrosodi-n-propylamine	0.41	U	0.41	UJ	LCS-L	mg/kg
14E0166	14E0166-24	SW8270D	SD14TFE600FS	Pyridine	0.41	U		R	LCS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	1,2,4,5-Tetrachlorobenzene	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	1,2,4-Trichlorobenzene	0.431	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	1-Methylnaphthalene	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	2,4,5-Trichlorophenol	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	2,4,6-Trichlorophenol	0.431	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0237	14E0237-08	SW8270D	SD14TFC600FS	2,4-Dichlorophenol	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	2,4-Dimethylphenol	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	2,4-Dinitrophenol	0.861	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	2,4-Dinitrotoluene	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	2,6-Dinitrotoluene	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	2-Chloronaphthalene	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	2-Chlorophenol	0.431	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	2-Methylnaphthalene	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	2-Methylphenol	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	2-Nitroaniline	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	2-Nitrophenol	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	3 & 4 Methylphenol	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	3,3'-Dichlorobenzidine	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	3-Nitroaniline	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	4,6-Dinitro-2-methylphenol	0.861	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	4-Bromophenyl phenyl ether	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	4-Chloro-3-methylphenol	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	4-Chloroaniline	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	4-Chlorophenyl phenyl ether	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	4-Nitroaniline	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	4-Nitrophenol	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	Aniline	0.431	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	Bis(2-Chloroethoxy)methane	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	Bis(2-Chloroethyl)ether	0.431	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	2,2'-Dichlorodiisopropylether	0.431	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	Bis(2-Ethylhexyl)phthalate	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	Butylbenzylphthalate	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	Carbazole	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	Dibenzofuran	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	Diethylphthalate	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	Dimethylphthalate	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	Di-n-butylphthalate	0.431	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0237	14E0237-08	SW8270D	SD14TFC600FS	Di-n-octylphthalate	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	Hexachlorobenzene	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	Hexachlorobutadiene	0.431	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	Hexachlorocyclopentadiene	0.431	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	Hexachloroethane	0.431	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	Isophorone	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	Nitrobenzene	0.431	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	N-Nitrosodi-n-propylamine	0.431	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	N-Nitrosodiphenylamine	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	Pentachloronitrobenzene	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	Pentachlorophenol	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	Phenol	0.431	U		R	SS-L	mg/kg
14E0237	14E0237-08	SW8270D	SD14TFC600FS	Pyridine	0.431	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	1,2,4,5-Tetrachlorobenzene	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	1,2,4-Trichlorobenzene	0.418	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	1-Methylnaphthalene	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	2,4,5-Trichlorophenol	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	2,4,6-Trichlorophenol	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	2,4-Dichlorophenol	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	2,4-Dimethylphenol	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	2,4-Dinitrophenol	0.837	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	2,4-Dinitrotoluene	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	2,6-Dinitrotoluene	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	2-Chloronaphthalene	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	2-Chlorophenol	0.418	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	2-Methylnaphthalene	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	2-Methylphenol	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	2-Nitroaniline	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	2-Nitrophenol	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	3 & 4 Methylphenol	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	3,3'-Dichlorobenzidine	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	3-Nitroaniline	0.418	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0237	14E0237-07	SW8270D	SD14TFC500FS	4,6-Dinitro-2-methylphenol	0.837	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	4-Bromophenyl phenyl ether	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	4-Chloro-3-methylphenol	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	4-Chloroaniline	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	4-Chlorophenyl phenyl ether	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	4-Nitroaniline	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	4-Nitrophenol	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	Aniline	0.418	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	Bis(2-Chloroethoxy)methane	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	Bis(2-Chloroethyl)ether	0.418	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	2,2'-Dichlorodiisopropylether	0.418	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	Bis(2-Ethylhexyl)phthalate	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	Butylbenzylphthalate	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	Carbazole	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	Dibenzofuran	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	Diethylphthalate	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	Dimethylphthalate	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	Di-n-butylphthalate	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	Di-n-octylphthalate	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	Hexachlorobenzene	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	Hexachlorobutadiene	0.418	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	Hexachlorocyclopentadiene	0.418	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	Hexachloroethane	0.418	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	Isophorone	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	Nitrobenzene	0.418	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	N-Nitrosodi-n-propylamine	0.418	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	N-Nitrosodiphenylamine	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	Pentachloronitrobenzene	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	Pentachlorophenol	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	Phenol	0.418	U		R	SS-L	mg/kg
14E0237	14E0237-07	SW8270D	SD14TFC500FS	Pyridine	0.418	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	1,2,4,5-Tetrachlorobenzene	0.395	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0237	14E0237-06	SW8270D	SD14TFC400FS	1,2,4-Trichlorobenzene	0.395	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	1-Methylnaphthalene	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	2,4,5-Trichlorophenol	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	2,4,6-Trichlorophenol	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	2,4-Dichlorophenol	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	2,4-Dimethylphenol	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	2,4-Dinitrophenol	0.789	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	2,4-Dinitrotoluene	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	2,6-Dinitrotoluene	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	2-Chloronaphthalene	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	2-Chlorophenol	0.395	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	2-Methylnaphthalene	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	2-Methylphenol	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	2-Nitroaniline	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	2-Nitrophenol	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	3 & 4 Methylphenol	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	3,3'-Dichlorobenzidine	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	3-Nitroaniline	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	4,6-Dinitro-2-methylphenol	0.789	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	4-Bromophenyl phenyl ether	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	4-Chloro-3-methylphenol	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	4-Chloroaniline	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	4-Chlorophenyl phenyl ether	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	4-Nitroaniline	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	4-Nitrophenol	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	Aniline	0.395	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	Bis(2-Chloroethoxy)methane	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	Bis(2-Chloroethyl)ether	0.395	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	2,2'-Dichlorodiisopropylether	0.395	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	Bis(2-Ethylhexyl)phthalate	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	Butylbenzylphthalate	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	Carbazole	0.395	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0237	14E0237-06	SW8270D	SD14TFC400FS	Dibenzofuran	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	Diethylphthalate	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	Dimethylphthalate	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	Di-n-butylphthalate	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	Di-n-octylphthalate	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	Hexachlorobenzene	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	Hexachlorobutadiene	0.395	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	Hexachlorocyclopentadiene	0.395	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	Hexachloroethane	0.395	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	Isophorone	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	Nitrobenzene	0.395	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	N-Nitrosodi-n-propylamine	0.395	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	N-Nitrosodiphenylamine	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	Pentachloronitrobenzene	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	Pentachlorophenol	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	Phenol	0.395	U		R	SS-L	mg/kg
14E0237	14E0237-06	SW8270D	SD14TFC400FS	Pyridine	0.395	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-05	SW8270D	SD14TFC300FS	1,2,4-Trichlorobenzene	0.464	U	0.464	UJ	LCS-L	mg/kg
14E0237	14E0237-05	SW8270D	SD14TFC300FS	2,4,5-Trichlorophenol	0.464	U	0.464	UJ	SS-L	mg/kg
14E0237	14E0237-05	SW8270D	SD14TFC300FS	2,4,6-Trichlorophenol	0.464	U	0.464	UJ	SS-L	mg/kg
14E0237	14E0237-05	SW8270D	SD14TFC300FS	2,4-Dichlorophenol	0.464	U	0.464	UJ	SS-L	mg/kg
14E0237	14E0237-05	SW8270D	SD14TFC300FS	2,4-Dimethylphenol	0.464	U	0.464	UJ	SS-L	mg/kg
14E0237	14E0237-05	SW8270D	SD14TFC300FS	2,4-Dinitrophenol	0.927	U	0.927	UJ	SS-L	mg/kg
14E0237	14E0237-05	SW8270D	SD14TFC300FS	2-Chlorophenol	0.464	U	0.464	UJ	LCS-L, SS-L	mg/kg
14E0237	14E0237-05	SW8270D	SD14TFC300FS	2-Methylphenol	0.464	U	0.464	UJ	SS-L	mg/kg
14E0237	14E0237-05	SW8270D	SD14TFC300FS	2-Nitrophenol	0.464	U	0.464	UJ	SS-L	mg/kg
14E0237	14E0237-05	SW8270D	SD14TFC300FS	3 & 4 Methylphenol	0.464	U	0.464	UJ	SS-L	mg/kg
14E0237	14E0237-05	SW8270D	SD14TFC300FS	4,6-Dinitro-2-methylphenol	0.927	U	0.927	UJ	SS-L	mg/kg
14E0237	14E0237-05	SW8270D	SD14TFC300FS	4-Chloro-3-methylphenol	0.464	U	0.464	UJ	SS-L	mg/kg
14E0237	14E0237-05	SW8270D	SD14TFC300FS	4-Nitrophenol	0.464	U	0.464	UJ	SS-L	mg/kg
14E0237	14E0237-05	SW8270D	SD14TFC300FS	Aniline	0.464	U	0.464	UJ	LCS-L	mg/kg
14E0237	14E0237-05	SW8270D	SD14TFC300FS	Bis(2-Chloroethyl)ether	0.464	U	0.464	UJ	LCS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0237	14E0237-05	SW8270D	SD14TFC300FS	2,2'-Dichlorodiisopropylether	0.464	U	0.464	UJ	LCS-L	mg/kg
14E0237	14E0237-05	SW8270D	SD14TFC300FS	Hexachlorobutadiene	0.464	U	0.464	UJ	LCS-L	mg/kg
14E0237	14E0237-05	SW8270D	SD14TFC300FS	Hexachlorocyclopentadiene	0.464	U		R	LCS-L	mg/kg
14E0237	14E0237-05	SW8270D	SD14TFC300FS	Hexachloroethane	0.464	U		R	LCS-L	mg/kg
14E0237	14E0237-05	SW8270D	SD14TFC300FS	Nitrobenzene	0.464	U	0.464	UJ	LCS-L	mg/kg
14E0237	14E0237-05	SW8270D	SD14TFC300FS	N-Nitrosodi-n-propylamine	0.464	U	0.464	UJ	LCS-L	mg/kg
14E0237	14E0237-05	SW8270D	SD14TFC300FS	Pentachlorophenol	0.464	U	0.464	UJ	SS-L	mg/kg
14E0237	14E0237-05	SW8270D	SD14TFC300FS	Phenol	0.464	U	0.464	UJ	SS-L	mg/kg
14E0237	14E0237-05	SW8270D	SD14TFC300FS	Pyridine	0.464	U		R	LCS-L	mg/kg
14E0237	14E0237-04	SW8270D	SD14TFC200FS	1,2,4-Trichlorobenzene	0.471	U	0.471	UJ	LCS-L	mg/kg
14E0237	14E0237-04	SW8270D	SD14TFC200FS	2-Chlorophenol	0.471	U	0.471	UJ	LCS-L	mg/kg
14E0237	14E0237-04	SW8270D	SD14TFC200FS	Aniline	0.471	U	0.471	UJ	LCS-L	mg/kg
14E0237	14E0237-04	SW8270D	SD14TFC200FS	Bis(2-Chloroethyl)ether	0.471	U	0.471	UJ	LCS-L	mg/kg
14E0237	14E0237-04	SW8270D	SD14TFC200FS	2,2'-Dichlorodiisopropylether	0.471	U	0.471	UJ	LCS-L	mg/kg
14E0237	14E0237-04	SW8270D	SD14TFC200FS	Hexachlorobutadiene	0.471	U	0.471	UJ	LCS-L	mg/kg
14E0237	14E0237-04	SW8270D	SD14TFC200FS	Hexachlorocyclopentadiene	0.471	U		R	LCS-L	mg/kg
14E0237	14E0237-04	SW8270D	SD14TFC200FS	Hexachloroethane	0.471	U		R	LCS-L	mg/kg
14E0237	14E0237-04	SW8270D	SD14TFC200FS	Nitrobenzene	0.471	U	0.471	UJ	LCS-L	mg/kg
14E0237	14E0237-04	SW8270D	SD14TFC200FS	N-Nitrosodi-n-propylamine	0.471	U	0.471	UJ	LCS-L	mg/kg
14E0237	14E0237-04	SW8270D	SD14TFC200FS	Pyridine	0.471	U		R	LCS-L	mg/kg
14E0237	14E0237-03	SW8270D	SD14TFB600FS	1,2,4-Trichlorobenzene	0.474	U	0.474	UJ	LCS-L	mg/kg
14E0237	14E0237-03	SW8270D	SD14TFB600FS	2-Chlorophenol	0.474	U	0.474	UJ	LCS-L	mg/kg
14E0237	14E0237-03	SW8270D	SD14TFB600FS	Aniline	0.474	U	0.474	UJ	LCS-L	mg/kg
14E0237	14E0237-03	SW8270D	SD14TFB600FS	Bis(2-Chloroethyl)ether	0.474	U	0.474	UJ	LCS-L	mg/kg
14E0237	14E0237-03	SW8270D	SD14TFB600FS	2,2'-Dichlorodiisopropylether	0.474	U	0.474	UJ	LCS-L	mg/kg
14E0237	14E0237-03	SW8270D	SD14TFB600FS	Hexachlorobutadiene	0.474	U	0.474	UJ	LCS-L	mg/kg
14E0237	14E0237-03	SW8270D	SD14TFB600FS	Hexachlorocyclopentadiene	0.474	U		R	LCS-L	mg/kg
14E0237	14E0237-03	SW8270D	SD14TFB600FS	Hexachloroethane	0.474	U		R	LCS-L	mg/kg
14E0237	14E0237-03	SW8270D	SD14TFB600FS	Nitrobenzene	0.474	U	0.474	UJ	LCS-L	mg/kg
14E0237	14E0237-03	SW8270D	SD14TFB600FS	N-Nitrosodi-n-propylamine	0.474	U	0.474	UJ	LCS-L	mg/kg
14E0237	14E0237-03	SW8270D	SD14TFB600FS	Pyridine	0.474	U		R	LCS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	1,2,4,5-Tetrachlorobenzene	0.402	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0237	14E0237-02	SW8270D	SD14TFB500FS	1,2,4-Trichlorobenzene	0.402	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	1-Methylnaphthalene	0.402	U		R	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	2,4,5-Trichlorophenol	0.402	U	0.402	UJ	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	2,4,6-Trichlorophenol	0.402	U	0.402	UJ	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	2,4-Dichlorophenol	0.402	U	0.402	UJ	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	2,4-Dimethylphenol	0.402	U	0.402	UJ	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	2,4-Dinitrophenol	0.804	U	0.804	UJ	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	2,4-Dinitrotoluene	0.402	U		R	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	2,6-Dinitrotoluene	0.402	U		R	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	2-Chloronaphthalene	0.402	U		R	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	2-Chlorophenol	0.402	U	0.402	UJ	LCS-L, SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	2-Methylnaphthalene	0.402	U		R	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	2-Methylphenol	0.402	U	0.402	UJ	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	2-Nitroaniline	0.402	U		R	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	2-Nitrophenol	0.402	U	0.402	UJ	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	3 & 4 Methylphenol	0.402	U	0.402	UJ	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	3,3'-Dichlorobenzidine	0.402	U		R	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	3-Nitroaniline	0.402	U		R	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	4,6-Dinitro-2-methylphenol	0.804	U	0.804	UJ	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	4-Bromophenyl phenyl ether	0.402	U		R	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	4-Chloro-3-methylphenol	0.402	U	0.402	UJ	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	4-Chloroaniline	0.402	U		R	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	4-Chlorophenyl phenyl ether	0.402	U		R	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	4-Nitroaniline	0.402	U		R	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	4-Nitrophenol	0.402	U	0.402	UJ	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	Aniline	0.402	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	Bis(2-Chloroethoxy)methane	0.402	U		R	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	Bis(2-Chloroethyl)ether	0.402	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	2,2'-Dichlorodiisopropylether	0.402	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	Bis(2-Ethylhexyl)phthalate	0.402	U		R	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	Butylbenzylphthalate	0.402	U		R	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	Carbazole	0.402	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0237	14E0237-02	SW8270D	SD14TFB500FS	Dibenzofuran	0.402	U		R	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	Diethylphthalate	0.402	U		R	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	Dimethylphthalate	0.402	U		R	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	Di-n-butylphthalate	0.402	U		R	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	Di-n-octylphthalate	0.402	U		R	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	Hexachlorobenzene	0.402	U		R	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	Hexachlorobutadiene	0.402	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	Hexachlorocyclopentadiene	0.402	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	Hexachloroethane	0.402	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	Isophorone	0.402	U		R	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	Nitrobenzene	0.402	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	N-Nitrosodi-n-propylamine	0.402	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	N-Nitrosodiphenylamine	0.402	U		R	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	Pentachloronitrobenzene	0.402	U		R	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	Pentachlorophenol	0.402	U	0.402	UJ	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	Phenol	0.402	U	0.402	UJ	SS-L	mg/kg
14E0237	14E0237-02	SW8270D	SD14TFB500FS	Pyridine	0.402	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	1,2,4,5-Tetrachlorobenzene	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	1,2,4-Trichlorobenzene	0.478	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	1-Methylnaphthalene	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	2,4-Dinitrotoluene	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	2,6-Dinitrotoluene	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	2-Chloronaphthalene	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	2-Chlorophenol	0.478	U	0.478	UJ	LCS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	2-Methylnaphthalene	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	2-Nitroaniline	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	3,3'-Dichlorobenzidine	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	3-Nitroaniline	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	4-Bromophenyl phenyl ether	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	4-Chloroaniline	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	4-Chlorophenyl phenyl ether	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	4-Nitroaniline	0.478	U		R	SS-L	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14E0237	14E0237-01	SW8270D	SD14TFB300FS	Aniline	0.478	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	Bis(2-Chloroethoxy)methane	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	Bis(2-Chloroethyl)ether	0.478	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	2,2'-Dichlorodiisopropylether	0.478	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	Bis(2-Ethylhexyl)phthalate	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	Butylbenzylphthalate	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	Carbazole	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	Dibenzofuran	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	Diethylphthalate	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	Dimethylphthalate	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	Di-n-butylphthalate	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	Di-n-octylphthalate	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	Hexachlorobenzene	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	Hexachlorobutadiene	0.478	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	Hexachlorocyclopentadiene	0.478	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	Hexachloroethane	0.478	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	Isophorone	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	Nitrobenzene	0.478	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	N-Nitrosodi-n-propylamine	0.478	U		R	LCS-L, SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	N-Nitrosodiphenylamine	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	Pentachloronitrobenzene	0.478	U		R	SS-L	mg/kg
14E0237	14E0237-01	SW8270D	SD14TFB300FS	Pyridine	0.478	U		R	LCS-L, SS-L	mg/kg
14E0005	14E0005-01	SW9010A	SD14TFZA4500FS	Cyanide, Total	1.83	U		R	PM	mg/kg
14D1167	14D1167-11	SW9010A	SD14TFJ500FS	Cyanide, Total	0.975	HT-01	0.975	J	HT	mg/kg
14D1167	14D1167-10	SW9010A	SD14TFJ300FS	Cyanide, Total	0.69	HT-01 U	0.69	UJ	HT	mg/kg
14D1167	14D1167-09	SW9010A	SD14TFJ200FS	Cyanide, Total	0.627	HT-01 U	0.627	UJ	HT	mg/kg
14D1046	14D1046-07	SW9010A	SD14TFDE000FS	Cyanide, Total	0.879		0.879	J	MS-L	mg/kg
14D1046	14D1046-08	SW9010A	SD14TFDE000FD	Cyanide, Total	0.761	U	0.761	UJ	MS-L	mg/kg
14D1167	14D1167-08	SW9010A	SD14REFUS200FS	Cyanide, Total	0.592	HT-01 U	0.592	UJ	HT	mg/kg
14D1167	14D1167-07	SW9010A	SD14REFUS100FS	Cyanide, Total	0.672	HT-01 U	0.672	UJ	HT	mg/kg
14D1167	14D1167-06	SW9010A	SD14REF1800FS	Cyanide, Total	0.639	HT-01 U	0.639	UJ	HT	mg/kg
14D1167	14D1167-05	SW9010A	SD14REF1700FS	Cyanide, Total	0.931	HT-01 U	0.931	UJ	HT	mg/kg

Table 3
Data Validation Action Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut

14D0852, 14D0945, 14D1010, 14D1046, 14D1130, 14D1167, 14E0005, 14E0079, 14E0105, 14E0166, 14E0237, and 14F1203

SDG	Lab Sample ID	Method	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Validation Reason Code	Units
14D1167	14D1167-01	SW9010A	SD14REF0500FS	Cyanide, Total	0.661	HT-01 U	0.661	UJ	HT	mg/kg
14D1167	14D1167-02	SW9010A	SD14REF0500FD	Cyanide, Total	0.668	HT-01 U	0.668	UJ	HT	mg/kg
14D1167	14D1167-04	SW9010A	SD14REF0300FS	Cyanide, Total	0.635	HT-01 U	0.635	UJ	HT	mg/kg
14D1167	14D1167-03	SW9010A	SD14REF0200FS	Cyanide, Total	0.655	HT-01 U	0.655	UJ	HT	mg/kg

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D0852

	Location	SD2014-REF-08		
	COC Sample	SD14REF0800FS		
	Date Sampled	04/18/14		
	Sample Type	FS		
	Report Number	14D0852		
Method	Parameter Name	Units	Result	Qual
E680	Decachlorobiphenyl (total)	mg/kg	0.0364	U
E680	Dichlorobiphenyl (total)	mg/kg	0.00729	U
E680	Heptachlorobiphenyl (total)	mg/kg	0.0219	U
E680	Hexachlorobiphenyl (total)	mg/kg	0.0146	U
E680	Monochlorobiphenyl (total)	mg/kg	0.00729	U
E680	Nonachlorobiphenyl (total)	mg/kg	0.0364	U
E680	Octachlorobiphenyl (total)	mg/kg	0.0219	U
E680	Pentachlorobiphenyl (total)	mg/kg	0.0146	U
E680	Tetrachlorobiphenyl (total)	mg/kg	0.0146	U
E680	Trichlorobiphenyl (total)	mg/kg	0.00729	U

**Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D0945**

			SD2014-OF8-13		SD2014-OF8-14		SD2014-OF8-15		SD2014-OF8-16		SD2014-OF8-17		SD2014-OF8-19	
			SD14OF81300FS		SD14OF81400FS		SD14OF81500FS		SD14OF81600FS		SD14OF81700FS		SD14OF81900FS	
			04/23/14		04/23/14		04/23/14		04/23/14		04/23/14		04/23/14	
			FS		FS		FS		FS		FS		FS	
			14D0945		14D0945		14D0945		14D0945		14D0945		14D0945	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
E680	Decachlorobiphenyl (total)	mg/kg	0.0474	U	0.0517	U	0.0412	U	0.0444	U	0.0388	U	0.055	U
E680	Dichlorobiphenyl (total)	mg/kg	0.00948	U	0.0103	U	0.00825	U	0.00888	U	0.00777	U	0.011	U
E680	Heptachlorobiphenyl (total)	mg/kg	0.0284	U	0.031	U	0.0247	U	0.0266	U	0.0233	U	0.033	U
E680	Hexachlorobiphenyl (total)	mg/kg	0.019	U	0.0207	U	0.0165	U	0.0178	U	0.0155	U	0.022	U
E680	Monochlorobiphenyl (total)	mg/kg	0.00948	U	0.0103	U	0.00825	U	0.00888	U	0.00777	U	0.011	U
E680	Nonachlorobiphenyl (total)	mg/kg	0.0474	U	0.0517	U	0.0412	U	0.0444	U	0.0388	U	0.055	U
E680	Octachlorobiphenyl (total)	mg/kg	0.0284	U	0.031	U	0.0247	U	0.0266	U	0.0233	U	0.033	U
E680	Pentachlorobiphenyl (total)	mg/kg	0.019	U	0.0207	U	0.0165	U	0.0178	U	0.0155	U	0.022	U
E680	Tetrachlorobiphenyl (total)	mg/kg	0.019	U	0.0207	U	0.0165	U	0.0178	U	0.0155	U	0.022	U
E680	Trichlorobiphenyl (total)	mg/kg	0.00948	U	0.0103	U	0.00825	U	0.00888	U	0.00777	U	0.011	U
SW6020A	Antimony	mg/kg	1.9	U	2.07	U	1.65	U	2.66	J	1.55	U	2.2	U
SW6020A	Arsenic	mg/kg	6.55		8.34		5.31		5.14		4.09		5.82	
SW6020A	Cadmium	mg/kg	1.28		2.16		1.16		1.03		0.777	U	1.12	
SW6020A	Chromium	mg/kg	737		1,000		278		120		125		135	
SW6020A	Copper	mg/kg	630		856		442		399		125		218	
SW6020A	Lead	mg/kg	169		183		198		250		47.6		113	
SW6020A	Manganese	mg/kg	214		286		191		242		146		244	
SW6020A	Nickel	mg/kg	56.4		75.8		31		21.9		19.6		24.3	
SW6020A	Selenium	mg/kg	1.95		2.07	U	1.65	U	2.18		1.55	U	2.2	U
SW6020A	Silver	mg/kg	4.37		4.58		2.27		1.78	U	1.55	U	2.2	U
SW6020A	Thallium	mg/kg	1.9	U	2.07	U	1.65	U	1.78	U	1.55	U	2.2	U
SW6020A	Zinc	mg/kg	189		264		185		182		99.3		204	
SW7471B	Mercury	mg/kg	0.0626	U	0.0682	U	0.0544	U	0.0586	U	0.0513	U	0.0726	U

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D0945

			SD2014-OF8-13		SD2014-OF8-14		SD2014-OF8-15		SD2014-OF8-16		SD2014-OF8-17		SD2014-OF8-19	
			SD14OF81300FS		SD14OF81400FS		SD14OF81500FS		SD14OF81600FS		SD14OF81700FS		SD14OF81900FS	
			04/23/14		04/23/14		04/23/14		04/23/14		04/23/14		04/23/14	
			FS		FS		FS		FS		FS		FS	
			14D0945		14D0945		14D0945		14D0945		14D0945		14D0945	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8082A	Aroclor-1016	mg/kg	0.0474	UJ	0.0517	UJ	0.0412	U	0.0444	U	0.0388	U	0.055	UJ
SW8082A	Aroclor-1221	mg/kg	0.0474	UJ	0.0517	UJ	0.0412	U	0.0444	U	0.0388	U	0.055	UJ
SW8082A	Aroclor-1232	mg/kg	0.0474	UJ	0.0517	UJ	0.0412	U	0.0444	U	0.0388	U	0.055	UJ
SW8082A	Aroclor-1242	mg/kg	0.0474	UJ	0.0517	UJ	0.0412	U	0.0444	U	0.0388	U	0.055	UJ
SW8082A	Aroclor-1248	mg/kg	0.0474	UJ	0.0517	UJ	0.0412	U	0.0444	U	0.0388	U	0.055	UJ
SW8082A	Aroclor-1254	mg/kg	0.0474	UJ	0.0517	UJ	0.0412	U	0.0444	U	0.0388	U	0.055	UJ
SW8082A	Aroclor-1260	mg/kg	0.0474	UJ	0.0517	UJ	0.0412	U	0.0444	U	0.0388	U	0.055	UJ
SW8082A	Aroclor-1262	mg/kg	0.0474	UJ	0.0517	UJ	0.0412	U	0.0444	U	0.0388	U	0.055	UJ
SW8082A	Aroclor-1268	mg/kg	0.826	J	0.0517	UJ	0.0412	U	0.0444	U	0.0388	U	0.055	UJ
SW8082A	PCB (total)	mg/kg	0.826	J	0.0517	UJ	0.0412	U	0.0444	U	0.0388	U	0.055	UJ
SW8270D	1,2,4,5-Tetrachlorobenzene	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	1,2,4-Trichlorobenzene	mg/kg	0.475	UJ	0.517	UJ	0.412	UJ	0.444	UJ	0.387	UJ	0.55	UJ
SW8270D	1-Methylnaphthalene	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	2,2'-Dichlorodiisopropylether	mg/kg	0.475	UJ	0.517	UJ	0.412	UJ	0.444	UJ	0.387	UJ	0.55	UJ
SW8270D	2,4,5-Trichlorophenol	mg/kg	0.475	U	0.517	U	0.412	U	0.444	U	0.387	U	0.55	U
SW8270D	2,4,6-Trichlorophenol	mg/kg	0.475	U	0.517	U	0.412	U	0.444	U	0.387	U	0.55	U
SW8270D	2,4-Dichlorophenol	mg/kg	0.475	U	0.517	U	0.412	U	0.444	U	0.387	U	0.55	U
SW8270D	2,4-Dimethylphenol	mg/kg	0.475	U	0.517	U	0.412	U	0.444	U	0.387	U	0.55	U
SW8270D	2,4-Dinitrophenol	mg/kg	0.951	UJ	1.03	UJ	0.825	UJ	0.888	UJ	0.775	UJ	1.1	UJ
SW8270D	2,4-Dinitrotoluene	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	2,6-Dinitrotoluene	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	2-Chloronaphthalene	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	2-Chlorophenol	mg/kg	0.475	UJ	0.517	UJ	0.412	UJ	0.444	UJ	0.387	UJ	0.55	UJ

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D0945

			SD2014-OF8-13		SD2014-OF8-14		SD2014-OF8-15		SD2014-OF8-16		SD2014-OF8-17		SD2014-OF8-19	
			SD14OF81300FS		SD14OF81400FS		SD14OF81500FS		SD14OF81600FS		SD14OF81700FS		SD14OF81900FS	
			04/23/14		04/23/14		04/23/14		04/23/14		04/23/14		04/23/14	
			FS		FS		FS		FS		FS		FS	
			14D0945		14D0945		14D0945		14D0945		14D0945		14D0945	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8270D	2-Methylnaphthalene	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	2-Methylphenol	mg/kg	0.475	U	0.517	U	0.412	U	0.444	U	0.387	U	0.55	U
SW8270D	2-Nitroaniline	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	2-Nitrophenol	mg/kg	0.475	U	0.517	U	0.412	U	0.444	U	0.387	U	0.55	U
SW8270D	3 & 4 Methylphenol	mg/kg	0.475	U	0.517	U	0.412	U	0.444	U	0.387	U	0.55	U
SW8270D	3,3'-Dichlorobenzidine	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	3-Nitroaniline	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	4,6-Dinitro-2-methylphenol	mg/kg	0.951	U	1.03	U	0.825	U	0.888	U	0.775	U	1.1	U
SW8270D	4-Bromophenyl phenyl ether	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	4-Chloro-3-methylphenol	mg/kg	0.475	U	0.517	U	0.412	U	0.444	U	0.387	U	0.55	U
SW8270D	4-Chloroaniline	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	4-Chlorophenyl phenyl ether	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	4-Nitroaniline	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	4-Nitrophenol	mg/kg	0.475	U	0.517	U	0.412	U	0.444	U	0.387	U	0.55	U
SW8270D	Aniline	mg/kg	0.475	UJ	0.517	UJ	0.412	UJ	0.444	UJ	0.387	UJ	0.55	UJ
SW8270D	Bis(2-Chloroethoxy)methane	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	Bis(2-Chloroethyl)ether	mg/kg	0.475	UJ	0.517	UJ	0.412	UJ	0.444	UJ	0.387	UJ	0.55	UJ
SW8270D	Bis(2-Ethylhexyl)phthalate	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	Butylbenzylphthalate	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	Carbazole	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	Di-n-butylphthalate	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	Di-n-octylphthalate	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	Dibenzofuran	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D0945

			SD2014-OF8-13		SD2014-OF8-14		SD2014-OF8-15		SD2014-OF8-16		SD2014-OF8-17		SD2014-OF8-19	
			SD14OF81300FS		SD14OF81400FS		SD14OF81500FS		SD14OF81600FS		SD14OF81700FS		SD14OF81900FS	
			04/23/14		04/23/14		04/23/14		04/23/14		04/23/14		04/23/14	
			FS		FS		FS		FS		FS		FS	
			14D0945		14D0945		14D0945		14D0945		14D0945		14D0945	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8270D	Diethylphthalate	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	Dimethylphthalate	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	Hexachlorobenzene	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	Hexachlorobutadiene	mg/kg	0.475	UJ	0.517	UJ	0.412	UJ	0.444	UJ	0.387	UJ	0.55	UJ
SW8270D	Hexachlorocyclopentadiene	mg/kg	0.475	UJ	0.517	UJ	0.412	UJ	0.444	UJ	0.387	UJ	0.55	UJ
SW8270D	Hexachloroethane	mg/kg		R		R		R		R		R		R
SW8270D	Isophorone	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	N-Nitrosodi-n-propylamine	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	N-Nitrosodiphenylamine	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	Nitrobenzene	mg/kg	0.475	UJ	0.517	UJ	0.412	UJ	0.444	UJ	0.387	UJ	0.55	UJ
SW8270D	Pentachloronitrobenzene	mg/kg	0.475	UJ	0.517	U	0.412	U	0.444	UJ	0.387	UJ	0.55	U
SW8270D	Pentachlorophenol	mg/kg	0.475	U	0.517	U	0.412	U	0.444	U	0.387	U	0.55	U
SW8270D	Phenol	mg/kg	0.475	U	0.517	U	0.412	U	0.444	U	0.387	U	0.55	U
SW8270D	Pyridine	mg/kg		R		R		R		R		R		R
SW8270 SIM	Acenaphthene	mg/kg	0.0951	UJ	0.103	UJ	0.0825	UJ	0.0888	UJ	0.62	UJ	0.11	UJ
SW8270 SIM	Acenaphthylene	mg/kg	0.0951	UJ	0.103	UJ	0.0825	UJ	0.0888	UJ	0.62	UJ	0.11	UJ
SW8270 SIM	Anthracene	mg/kg	0.0951	U	0.103	U	0.107		0.142		0.961		0.11	U
SW8270 SIM	Benzo(a)anthracene	mg/kg	0.119		0.139		0.153		0.342		2.6		0.11	U
SW8270 SIM	Benzo(a)pyrene	mg/kg	0.0998		0.176		0.173		0.382		2.79		0.11	U
SW8270 SIM	Benzo(b)fluoranthene	mg/kg	0.0951	U	0.103		0.153		0.355		2.73		0.11	
SW8270 SIM	Benzo(ghi)perylene	mg/kg	0.0951	U	0.103	U	0.115		0.244		1.52		0.11	U
SW8270 SIM	Benzo(k)fluoranthene	mg/kg	0.128		0.196		0.181		0.448		2.79		0.11	U
SW8270 SIM	Chrysene	mg/kg	0.105		0.16		0.165		0.346		2.67		0.11	U

**Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D0945**

			SD2014-OF8-13		SD2014-OF8-14		SD2014-OF8-15		SD2014-OF8-16		SD2014-OF8-17		SD2014-OF8-19	
			SD14OF81300FS		SD14OF81400FS		SD14OF81500FS		SD14OF81600FS		SD14OF81700FS		SD14OF81900FS	
			04/23/14		04/23/14		04/23/14		04/23/14		04/23/14		04/23/14	
			FS		FS		FS		FS		FS		FS	
			14D0945		14D0945		14D0945		14D0945		14D0945		14D0945	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8270 SIM	Dibenz(a,h)anthracene	mg/kg	0.0951	U	0.103	U	0.0825	U	0.107		0.62		0.11	U
SW8270 SIM	Fluoranthene	mg/kg	0.219		0.382		0.371		0.71		4.9		0.215	
SW8270 SIM	Fluorene	mg/kg	0.0951	U	0.103	U	0.0825	U	0.0888	U	0.62	U	0.11	U
SW8270 SIM	Indeno(1,2,3-cd)pyrene	mg/kg	0.0951	U	0.103	U	0.103		0.218		1.4		0.11	U
SW8270 SIM	Naphthalene	mg/kg		R		R		R		R		R		R
SW8270 SIM	Phenanthrene	mg/kg	0.114		0.134		0.181		0.218		0.806		0.11	U
SW8270 SIM	Pyrene	mg/kg	0.2		0.377		0.363		0.71		5.18		0.215	
SW9014/9010C	Cyanide, Total	mg/kg	0.948	U	1.03	U	0.825	U	0.888	U	0.777	U	1.1	U
LYDKHN	TOTAL ORGANIC CARBON	mg/kg	64,500		41,200		39,200		64,100		20,500		54,800	

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1010

		Location	SD2014-OF8-01		SD2014-OF8-03		SD2014-OF8-04		SD2014-OF8-07		SD2014-OF8-08		SD2014-OF8-10		SD2014-OF8-11	
		COC Sample	SD14OF80100FS		SD14OF80300FS		SD14OF80400FS		SD14OF80700FS		SD14OF80800FS		SD14OF81000FS		SD14OF81100FS	
		Date Sampled	04/24/14		04/24/14		04/24/14		04/24/14		04/24/14		04/24/14		04/24/14	
		Sample Type	FS		FS		FS		FS		FS		FS		FS	
		Report Number	14D1010		14D1010		14D1010		14D1010		14D1010		14D1010		14D1010	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
E680	Decachlorobiphenyl (total)	mg/kg	0.0371	U	0.0379	U	0.038	U	0.0459	U	0.0433	U	0.0426	U	0.0446	U
E680	Dichlorobiphenyl (total)	mg/kg	0.00742	U	0.00758	U	0.0076	U	0.00918	U	0.00866	U	0.00852	U	0.00891	U
E680	Heptachlorobiphenyl (total)	mg/kg	0.0223	U	0.0227	U	0.0342	U	0.0276	U	0.026	U	0.0256	U	0.0267	U
E680	Hexachlorobiphenyl (total)	mg/kg	0.0148	U	0.0159	U	0.0509	U	0.0505	U	0.0831	U	0.017	U	0.0187	U
E680	Monochlorobiphenyl (total)	mg/kg	0.00742	U	0.00758	U	0.0076	U	0.00918	U	0.00866	U	0.00852	U	0.00891	U
E680	Nonachlorobiphenyl (total)	mg/kg	0.0371	U	0.0379	U	0.038	U	0.0459	U	0.0433	U	0.0426	U	0.0446	U
E680	Octachlorobiphenyl (total)	mg/kg	0.0223	U	0.0227	U	0.0228	U	0.0276	U	0.026	U	0.0256	U	0.0267	U
E680	Pentachlorobiphenyl (total)	mg/kg	0.0148	U	0.0243	U	0.0152	U	0.0588	U	0.0883	U	0.017	U	0.0178	U
E680	Tetrachlorobiphenyl (total)	mg/kg	0.0148	U	0.0152	U	0.0152	U	0.0184	U	0.0173	U	0.017	U	0.0178	U
E680	Trichlorobiphenyl (total)	mg/kg	0.00742	U	0.00758	U	0.0076	U	0.00918	U	0.00866	U	0.00852	U	0.00891	U
SW6020A	Antimony	mg/kg	1.48	U	1.52	U	1.52	U	1.84	U	1.73	U	1.7	U	1.78	U
SW6020A	Arsenic	mg/kg	6.58	U	7.54	U	5.44	U	8.68	U	6.63	U	6.01	U	7.13	U
SW6020A	Cadmium	mg/kg	2.28	U	14.2	U	3.73	U	28.5	U	2.29	U	1.43	U	1.47	U
SW6020A	Chromium	mg/kg	2,540	U	6,780	U	2,180	U	8,900	U	740	U	823	U	1,040	U
SW6020A	Copper	mg/kg	1,430	U	1,470	U	876	U	1,630	U	268	U	417	U	548	U
SW6020A	Lead	mg/kg	120	U	143	U	115	U	174	U	72.5	U	97.5	U	105	U
SW6020A	Manganese	mg/kg	247	U	528	U	171	U	350	U	205	U	219	U	255	U
SW6020A	Nickel	mg/kg	234	U	459	U	141	U	413	U	74.1	U	51.2	U	62.5	U
SW6020A	Selenium	mg/kg	1.63	U	2.26	U	1.94	U	3.57	U	1.82	U	1.74	U	1.94	U
SW6020A	Silver	mg/kg	14.7	U	10.1	U	7.55	U	12	U	2.34	U	3.89	U	4.74	U
SW6020A	Thallium	mg/kg	1.48	U	1.52	U	1.52	U	1.84	U	1.73	U	1.7	U	1.78	U
SW6020A	Zinc	mg/kg	310	U	265	U	164	U	321	U	121	U	176	U	182	U
SW7471B	Mercury	mg/kg	0.049	U	0.05	U	0.0502	U	0.0606	U	0.0572	U	0.0563	U	0.0588	U
SW8082A	Aroclor-1016	mg/kg	0.0371	UJ	0.0379	U	0.038	U	0.0459	U	0.0433	UJ	0.0426	U	0.0446	U
SW8082A	Aroclor-1221	mg/kg	0.0371	UJ	0.0379	U	0.038	U	0.0459	U	0.0433	UJ	0.0426	U	0.0446	U
SW8082A	Aroclor-1232	mg/kg	0.0371	UJ	0.0379	U	0.038	U	0.0459	U	0.0433	UJ	0.0426	U	0.0446	U
SW8082A	Aroclor-1242	mg/kg	0.0371	UJ	0.0379	U	0.038	U	0.0459	U	0.0433	UJ	0.0426	U	0.0446	U
SW8082A	Aroclor-1248	mg/kg	0.0371	UJ	0.0379	U	0.038	U	0.0459	U	0.0433	UJ	0.0426	U	0.0446	U
SW8082A	Aroclor-1254	mg/kg	0.0371	UJ	0.0611	U	0.109	U	0.131	U	0.0433	UJ	0.0426	U	0.0446	U
SW8082A	Aroclor-1260	mg/kg	0.0371	UJ	0.0999	U	0.156	U	0.238	U	0.0923	J	0.0931	U	0.0446	U

**Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1010**

		Location	SD2014-OF8-01		SD2014-OF8-03		SD2014-OF8-04		SD2014-OF8-07		SD2014-OF8-08		SD2014-OF8-10		SD2014-OF8-11	
		COC Sample	SD14OF80100FS		SD14OF80300FS		SD14OF80400FS		SD14OF80700FS		SD14OF80800FS		SD14OF81000FS		SD14OF81100FS	
		Date Sampled	04/24/14		04/24/14		04/24/14		04/24/14		04/24/14		04/24/14		04/24/14	
		Sample Type	FS		FS		FS		FS		FS		FS		FS	
		Report Number	14D1010		14D1010		14D1010		14D1010		14D1010		14D1010		14D1010	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8082A	Aroclor-1262	mg/kg	0.0371	UJ	0.0379	U	0.038	U	0.0459	L	0.0433	UJ	0.0426	U	0.0446	U
SW8082A	Aroclor-1268	mg/kg	0.0371	UJ	0.0379	U	0.038	U	0.0459	L	0.0433	UJ	0.0426	U	0.0446	U
SW8082A	PCB (total)	mg/kg	0.0371	UJ	0.161		0.265		0.37		0.0923	J	0.0931		0.0446	U
SW8270D	1,2,4,5-Tetrachlorobenzene	mg/kg	0.371	U	0.379	U	0.38	U	0.459	UJ	0.433	U	0.426	UJ	0.446	UJ
SW8270D	1,2,4-Trichlorobenzene	mg/kg	0.371	UJ	0.379	UJ	0.38	UJ	0.459	UJ	0.433	UJ	0.426	UJ	0.446	UJ
SW8270D	1-Methylnaphthalene	mg/kg	0.371	UJ	0.379	UJ	0.38	UJ	0.459	UJ	0.433	UJ	0.426	UJ	0.446	UJ
SW8270D	2,2'-Dichlorodisopropylether	mg/kg		R		R		R		R		R		R		R
SW8270D	2,4,5-Trichlorophenol	mg/kg	0.371	U	0.379	U	0.38	U	0.459	L	0.433	U	0.426	U	0.446	U
SW8270D	2,4,6-Trichlorophenol	mg/kg	0.371	U	0.379	U	0.38	U	0.459	L	0.433	U	0.426	U	0.446	U
SW8270D	2,4-Dichlorophenol	mg/kg	0.371	U	0.379	U	0.38	U	0.459	L	0.433	U	0.426	U	0.446	U
SW8270D	2,4-Dimethylphenol	mg/kg	0.371	U	0.379	U	0.38	U	0.459	L	0.433	U	0.426	U	0.446	U
SW8270D	2,4-Dinitrophenol	mg/kg	0.742	UJ	0.758	UJ	0.76	UJ	0.918	UJ	0.866	UJ	0.852	UJ	0.891	UJ
SW8270D	2,4-Dinitrotoluene	mg/kg	0.371	U	0.379	U	0.38	U	0.459	UJ	0.433	U	0.426	UJ	0.446	UJ
SW8270D	2,6-Dinitrotoluene	mg/kg	0.371	U	0.379	U	0.38	U	0.459	UJ	0.433	U	0.426	UJ	0.446	UJ
SW8270D	2-Chloronaphthalene	mg/kg	0.371	U	0.379	U	0.38	U	0.459	UJ	0.433	U	0.426	UJ	0.446	UJ
SW8270D	2-Chlorophenol	mg/kg	0.371	UJ	0.379	UJ	0.38	UJ	0.459	UJ	0.433	UJ	0.426	UJ	0.446	UJ
SW8270D	2-Methylnaphthalene	mg/kg	0.371	UJ	0.379	UJ	0.38	UJ	0.459	UJ	0.433	UJ	0.426	UJ	0.446	UJ
SW8270D	2-Methylphenol	mg/kg	0.371	UJ	0.379	UJ	0.38	UJ	0.459	UJ	0.433	UJ	0.426	UJ	0.446	UJ
SW8270D	2-Nitroaniline	mg/kg	0.371	U	0.379	U	0.38	U	0.459	UJ	0.433	U	0.426	UJ	0.446	UJ
SW8270D	2-Nitrophenol	mg/kg	0.371	UJ	0.379	UJ	0.38	UJ	0.459	UJ	0.433	UJ	0.426	UJ	0.446	UJ
SW8270D	3 & 4 Methylphenol	mg/kg	0.371	U	0.379	U	0.38	U	0.459	L	0.433	U	0.426	U	0.446	U
SW8270D	3,3'-Dichlorobenzidine	mg/kg	0.371	U	0.379	U	0.38	U	0.459	UJ	0.433	U	0.426	UJ	0.446	UJ
SW8270D	3-Nitroaniline	mg/kg	0.371	U	0.379	U	0.38	U	0.459	UJ	0.433	U	0.426	UJ	0.446	UJ
SW8270D	4,6-Dinitro-2-methylphenol	mg/kg	0.742	U	0.758	U	0.76	U	0.918	L	0.866	U	0.852	U	0.891	U
SW8270D	4-Bromophenyl phenyl ether	mg/kg	0.371	U	0.379	U	0.38	U	0.459	UJ	0.433	U	0.426	UJ	0.446	UJ
SW8270D	4-Chloro-3-methylphenol	mg/kg	0.371	U	0.379	U	0.38	U	0.459	L	0.433	U	0.426	U	0.446	U
SW8270D	4-Chloroaniline	mg/kg	0.371	U	0.379	U	0.38	U	0.459	UJ	0.433	U	0.426	UJ	0.446	UJ
SW8270D	4-Chlorophenyl phenyl ether	mg/kg	0.371	U	0.379	U	0.38	U	0.459	UJ	0.433	U	0.426	UJ	0.446	UJ
SW8270D	4-Nitroaniline	mg/kg	0.371	U	0.379	U	0.38	U	0.459	UJ	0.433	U	0.426	UJ	0.446	UJ
SW8270D	4-Nitrophenol	mg/kg	0.371	U	0.379	U	0.38	U	0.459	L	0.433	U	0.426	U	0.446	U

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1010

		Location	SD2014-OF8-01	SD2014-OF8-03	SD2014-OF8-04	SD2014-OF8-07	SD2014-OF8-08	SD2014-OF8-10	SD2014-OF8-11							
		COC Sample	SD14OF80100FS	SD14OF80300FS	SD14OF80400FS	SD14OF80700FS	SD14OF80800FS	SD14OF81000FS	SD14OF81100FS							
		Date Sampled	04/24/14	04/24/14	04/24/14	04/24/14	04/24/14	04/24/14	04/24/14							
		Sample Type	FS	FS	FS	FS	FS	FS	FS							
		Report Number	14D1010	14D1010	14D1010	14D1010	14D1010	14D1010	14D1010							
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
SW8270D	Aniline	mg/kg	0.371	UJ	0.379	UJ	0.38	UJ	0.459	UJ	0.433	UJ	0.426	UJ	0.446	UJ
SW8270D	Bis(2-Chloroethoxy)methane	mg/kg	0.371	UJ	0.379	UJ	0.38	UJ	0.459	UJ	0.433	UJ	0.426	UJ	0.446	UJ
SW8270D	Bis(2-Chloroethyl)ether	mg/kg		R		R		R		R		R		R		R
SW8270D	Bis(2-Ethylhexyl)phthalate	mg/kg	0.371	U	0.379	U	1.52	U	0.459	UJ	0.433	U	0.426	UJ	0.446	UJ
SW8270D	Butylbenzylphthalate	mg/kg	0.371	U	0.379	U	1.52	U	0.459	UJ	0.433	U	0.426	UJ	0.446	UJ
SW8270D	Carbazole	mg/kg	0.371	U	0.379	U	0.38	U	0.459	UJ	0.433	U	0.426	UJ	0.446	UJ
SW8270D	Di-n-butylphthalate	mg/kg	0.371	U	0.379	U	0.38	U	0.459	UJ	0.433	U	0.426	UJ	0.446	UJ
SW8270D	Di-n-octylphthalate	mg/kg	0.371	U	1.52	U	1.52	U	0.459	UJ	0.433	U	0.426	UJ	0.446	UJ
SW8270D	Dibenzofuran	mg/kg	0.371	U	0.379	U	0.38	U	0.459	UJ	0.433	U	0.426	UJ	0.446	UJ
SW8270D	Diethylphthalate	mg/kg	0.371	U	0.379	U	0.38	U	0.459	UJ	0.433	U	0.426	UJ	0.446	UJ
SW8270D	Dimethylphthalate	mg/kg	0.371	U	0.379	U	0.38	U	0.459	UJ	0.433	U	0.426	UJ	0.446	UJ
SW8270D	Hexachlorobenzene	mg/kg	0.371	U	0.379	U	1.52	U	0.459	UJ	0.433	U	0.426	UJ	0.446	UJ
SW8270D	Hexachlorobutadiene	mg/kg		R		R		R		R		R		R		R
SW8270D	Hexachlorocyclopentadiene	mg/kg		R		R		R		R		R		R		R
SW8270D	Hexachloroethane	mg/kg		R		R		R		R		R		R		R
SW8270D	Isophorone	mg/kg	0.371	UJ	0.379	UJ	0.38	UJ	0.459	UJ	0.433	UJ	0.426	UJ	0.446	UJ
SW8270D	N-Nitrosodi-n-propylamine	mg/kg	0.371	UJ	0.379	UJ	0.38	UJ	0.459	UJ	0.433	UJ	0.426	UJ	0.446	UJ
SW8270D	N-Nitrosodiphenylamine	mg/kg	0.371	U	0.379	U	0.38	U	0.459	UJ	0.433	U	0.426	UJ	0.446	UJ
SW8270D	Nitrobenzene	mg/kg	0.371	UJ	0.379	UJ	0.38	UJ	0.459	UJ	0.433	UJ	0.426	UJ	0.446	UJ
SW8270D	Pentachloronitrobenzene	mg/kg	0.371	U	0.379	U	0.38	U	0.459	UJ	0.433	U	0.426	UJ	0.446	UJ
SW8270D	Pentachlorophenol	mg/kg	0.371	U	0.379	U	1.52	U	0.459	U	0.433	U	0.426	U	0.446	U
SW8270D	Phenol	mg/kg	0.371	U	0.379	U	0.38	U	0.459	U	0.433	U	0.426	U	0.446	U
SW8270D	Pyridine	mg/kg		R		R		R		R		R		R		R
SW8270 SIM	Acenaphthene	mg/kg		R		R		R		R		R	0.0179	J		R
SW8270 SIM	Acenaphthylene	mg/kg		R		R		R		R		R	0.0153	J		R
SW8270 SIM	Anthracene	mg/kg	0.0371		0.199		0.19	U	0.126		0.0433	U	0.0226		0.0557	
SW8270 SIM	Benzo(a)anthracene	mg/kg	0.0612		0.322		0.19	U	0.223		0.0736		0.0162		0.1	
SW8270 SIM	Benzo(a)pyrene	mg/kg	0.0631		0.275		0.19	U	0.161		0.0476		0.0115		0.0936	
SW8270 SIM	Benzo(b)fluoranthene	mg/kg	0.0779	J	0.246	J	0.19	UJ	0.142	J	0.052	J	0.00938	J	0.118	J
SW8270 SIM	Benzo(ghi)perylene	mg/kg	0.0427		0.19	U	0.19	U	0.0987		0.0433	U	0.00852	U	0.0668	

**Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1010**

			Location		SD2014-OF8-01		SD2014-OF8-03		SD2014-OF8-04		SD2014-OF8-07		SD2014-OF8-08		SD2014-OF8-10		SD2014-OF8-11	
			COC Sample		SD14OF80100FS		SD14OF80300FS		SD14OF80400FS		SD14OF80700FS		SD14OF80800FS		SD14OF81000FS		SD14OF81100FS	
			Date Sampled		04/24/14		04/24/14		04/24/14		04/24/14		04/24/14		04/24/14		04/24/14	
			Sample Type		FS		FS		FS		FS		FS		FS		FS	
			Report Number		14D1010		14D1010		14D1010		14D1010		14D1010		14D1010		14D1010	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8270 SIM	Benzo(k)fluoranthene	mg/kg	0.0928		0.398		0.19	U	0.216		0.0715		0.0158		0.0802			
SW8270 SIM	Chrysene	mg/kg	0.0612		0.265		0.19	U	0.216		0.0628		0.0153		0.1			
SW8270 SIM	Dibenz(a,h)anthracene	mg/kg	0.0371	U	0.19	U	0.19	U	0.0459	U	0.0433	U	0.00852	U	0.0446	U		
SW8270 SIM	Fluoranthene	mg/kg	0.145		0.872		0.19		0.507		0.175		0.0401		0.214			
SW8270 SIM	Fluorene	mg/kg	0.0371	UJ	0.19	UJ	0.19	UJ	0.0459	UJ	0.0433	UJ	0.0217	J	0.0446	UJ		
SW8270 SIM	Indeno(1,2,3-cd)pyrene	mg/kg	0.0445		0.19	U	0.19	U	0.108		0.0433	U	0.00852	U	0.0691			
SW8270 SIM	Naphthalene	mg/kg		R		R		R		R		R	0.0115	J		R		
SW8270 SIM	Phenanthrene	mg/kg	0.0983		0.711		0.19	U	0.608		0.0953		0.0482		0.143			
SW8270 SIM	Pyrene	mg/kg	0.128		0.749		0.19	U	0.356		0.13		0.0332		0.216			
SW9014/9010C	Cyanide, Total	mg/kg	3.64		13.9		2.51		9.46		1.47		1.36		1.87			
LYDKHN	TOTAL ORGANIC CARBON	mg/kg	52,600		46,400		66,700		46,300		71,100		62,600		63,900			

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1010

			Location		SD2014-CF8-12		SD2014-TF-K2	
			COC Sample		SD14OF81200FS		SD14TFK200FS	
			Date Sampled		04/24/14		04/24/14	
			Sample Type		FS		FS	
			Report Number		14D1010		14D1010	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual
E680	Decachlorobiphenyl (total)	mg/kg	0.0358	U	0.0342	U		
E680	Dichlorobiphenyl (total)	mg/kg	0.00715	U	0.00683	U		
E680	Heptachlorobiphenyl (total)	mg/kg	0.0215	U	0.0205	U		
E680	Hexachlorobiphenyl (total)	mg/kg	0.0143	U	0.0137	U		
E680	Monochlorobiphenyl (total)	mg/kg	0.00715	U	0.00683	U		
E680	Nonachlorobiphenyl (total)	mg/kg	0.0358	U	0.0342	U		
E680	Octachlorobiphenyl (total)	mg/kg	0.0215	U	0.0205	U		
E680	Pentachlorobiphenyl (total)	mg/kg	0.0143	U	0.0137	U		
E680	Tetrachlorobiphenyl (total)	mg/kg	0.0143	U	0.0137	U		
E680	Trichlorobiphenyl (total)	mg/kg	0.00715	U	0.00683	U		
SW6020A	Antimony	mg/kg	1.83	J	1.37	U		
SW6020A	Arsenic	mg/kg	5.12		21			
SW6020A	Cadmium	mg/kg	0.941		0.683	U		
SW6020A	Chromium	mg/kg	507		15			
SW6020A	Copper	mg/kg	319		9.36			
SW6020A	Lead	mg/kg	70.4		4.69			
SW6020A	Manganese	mg/kg	165		192			
SW6020A	Nickel	mg/kg	39.4		21.5			
SW6020A	Selenium	mg/kg	1.43	U	1.37	U		
SW6020A	Silver	mg/kg	2.45		1.37	U		
SW6020A	Thallium	mg/kg	1.43	U	1.37	U		
SW6020A	Zinc	mg/kg	141		50.8			
SW7471B	Mercury	mg/kg	0.0472	U	0.0451	U		
SW8082A	Aroclor-1016	mg/kg	0.0358	U	0.0342	U		
SW8082A	Aroclor-1221	mg/kg	0.0358	U	0.0342	U		
SW8082A	Aroclor-1232	mg/kg	0.0358	U	0.0342	U		
SW8082A	Aroclor-1242	mg/kg	0.0358	U	0.0342	U		
SW8082A	Aroclor-1248	mg/kg	0.0358	U	0.0342	U		
SW8082A	Aroclor-1254	mg/kg	0.0358	U	0.0342	U		
SW8082A	Aroclor-1260	mg/kg	0.0358	U	0.0342	U		

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1010

			Location		SD2014-OF8-12		SD2014-TF-K2	
			COC Sample		SD14OF81200FS		SD14TFK200FS	
			Date Sampled		04/24/14		04/24/14	
			Sample Type		FS		FS	
			Report Number		14D1010		14D1010	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual
SW8082A	Aroclor-1262	mg/kg	0.0358	U			0.0342	U
SW8082A	Aroclor-1268	mg/kg	0.0358	U			0.0342	U
SW8082A	PCB (total)	mg/kg	0.0358	U			0.0342	U
SW8270D	1,2,4,5-Tetrachlorobenzene	mg/kg	0.358	UJ				R
SW8270D	1,2,4-Trichlorobenzene	mg/kg	0.358	UJ				R
SW8270D	1-Methylnaphthalene	mg/kg	0.358	UJ				R
SW8270D	2,2'-Dichlorodisopropylether	mg/kg		R				R
SW8270D	2,4,5-Trichlorophenol	mg/kg	0.358	U				R
SW8270D	2,4,6-Trichlorophenol	mg/kg	0.358	U				R
SW8270D	2,4-Dichlorophenol	mg/kg	0.358	U				R
SW8270D	2,4-Dimethylphenol	mg/kg	0.358	U				R
SW8270D	2,4-Dinitrophenol	mg/kg	0.715	UJ				R
SW8270D	2,4-Dinitrotoluene	mg/kg	0.358	UJ				R
SW8270D	2,6-Dinitrotoluene	mg/kg	0.358	UJ				R
SW8270D	2-Chloronaphthalene	mg/kg	0.358	UJ				R
SW8270D	2-Chlorophenol	mg/kg	0.358	UJ				R
SW8270D	2-Methylnaphthalene	mg/kg	0.358	UJ				R
SW8270D	2-Methylphenol	mg/kg	0.358	UJ				R
SW8270D	2-Nitroaniline	mg/kg	0.358	UJ				R
SW8270D	2-Nitrophenol	mg/kg	0.358	UJ				R
SW8270D	3 & 4 Methylphenol	mg/kg	0.358	U				R
SW8270D	3,3'-Dichlorobenzidine	mg/kg	0.358	UJ				R
SW8270D	3-Nitroaniline	mg/kg	0.358	UJ				R
SW8270D	4,6-Dinitro-2-methylphenol	mg/kg	0.715	U				R
SW8270D	4-Bromophenyl phenyl ether	mg/kg	0.358	UJ				R
SW8270D	4-Chloro-3-methylphenol	mg/kg	0.358	U				R
SW8270D	4-Chloroaniline	mg/kg	0.358	UJ				R
SW8270D	4-Chlorophenyl phenyl ether	mg/kg	0.358	UJ				R
SW8270D	4-Nitroaniline	mg/kg	0.358	UJ				R
SW8270D	4-Nitrophenol	mg/kg	0.358	U				R

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1010

		Location	SD2014-OF8-12		SD2014-TF-K2	
		COC Sample	SD140F81200FS		SD14TFK200FS	
		Date Sampled	04/24/14		04/24/14	
		Sample Type	FS		FS	
		Report Number	14D1010		14D1010	
Method	Parameter Name	Units	Result	Qual	Result	Qual
SW8270D	Aniline	mg/kg	0.358	UJ		R
SW8270D	Bis(2-Chloromethoxy)methane	mg/kg	0.358	UJ		R
SW8270D	Bis(2-Chloroethyl)ether	mg/kg		R		R
SW8270D	Bis(2-Ethylhexyl)phthalate	mg/kg	0.358	UJ		R
SW8270D	Butylbenzylphthalate	mg/kg	0.358	UJ		R
SW8270D	Carbazole	mg/kg	0.358	UJ		R
SW8270D	Di-n-butylphthalate	mg/kg	0.358	UJ		R
SW8270D	Di-n-octylphthalate	mg/kg	0.358	UJ		R
SW8270D	Dibenzofuran	mg/kg	0.358	UJ		R
SW8270D	Diethylphthalate	mg/kg	0.358	UJ		R
SW8270D	Dimethylphthalate	mg/kg	0.358	UJ		R
SW8270D	Hexachlorobenzene	mg/kg	0.358	UJ		R
SW8270D	Hexachlorobutadiene	mg/kg		R		R
SW8270D	Hexachlorocyclopentadiene	mg/kg		R		R
SW8270D	Hexachloroethane	mg/kg		R		R
SW8270D	Isophorone	mg/kg	0.358	UJ		R
SW8270D	N-Nitrosodi-n-propylamine	mg/kg	0.358	UJ		R
SW8270D	N-Nitrosodiphenylamine	mg/kg	0.358	UJ		R
SW8270D	Nitrobenzene	mg/kg	0.358	UJ		R
SW8270D	Pentachloronitrobenzene	mg/kg	0.358	UJ		R
SW8270D	Pentachlorophenol	mg/kg	0.358	U		R
SW8270D	Phenol	mg/kg	0.358	U		R
SW8270D	Pyridine	mg/kg		R		R
SW8270 SIM	Acenaphthene	mg/kg		R		R
SW8270 SIM	Acenaphthylene	mg/kg		R		R
SW8270 SIM	Anthracene	mg/kg	0.0572		0.0342	U
SW8270 SIM	Benzo(a)anthracene	mg/kg	0.154		0.094	
SW8270 SIM	Benzo(a)pyrene	mg/kg	0.148		0.0632	
SW8270 SIM	Benzo(b)fluoranthene	mg/kg	0.156	J	0.0786	J
SW8270 SIM	Benzo(ghi)perylene	mg/kg	0.106		0.0444	

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1010

			Location		SD2014-CF8-12		SD2014-TF-K2	
			COC Sample		SD14OF81200FS		SD14TFK200FS	
			Date Sampled		04/24/14		04/24/14	
			Sample Type		FS		FS	
			Report Number		14D1010		14D1010	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual
SW8270 SIM	Benzo(k)fluoranthene	mg/kg	0.181		0.0718			
SW8270 SIM	Chrysene	mg/kg	0.136		0.0666			
SW8270 SIM	Dibenz(a,h)anthracene	mg/kg	0.0358	U	0.0342	U		
SW8270 SIM	Fluoranthene	mg/kg	0.358		0.14			
SW8270 SIM	Fluorene	mg/kg	0.0358	UJ	0.0342	UJ		
SW8270 SIM	Indeno(1,2,3-cd)pyrene	mg/kg	0.109		0.0444			
SW8270 SIM	Naphthalene	mg/kg		R		R		
SW8270 SIM	Phenanthrene	mg/kg	0.207		0.0786			
SW8270 SIM	Pyrene	mg/kg	0.313		0.142			
SW9014/9010C	Cyanide, Total	mg/kg	0.715	U	0.683	U		
LYDKHN	TOTAL ORGANIC CARBON	mg/kg	45,900		10,400			

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1046

Method	Parameter Name	Units	SD2014-OF8-02		SD2014-OF8-02		SD2014-OF8-05		SD2014-OF8-06		SD2014-OF8-09		SD2014-OF8-18		SD2014-TF-B1		SD2014-TF-B1	
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
	Location		SD2014-OF8-02		SD2014-OF8-02		SD2014-OF8-05		SD2014-OF8-06		SD2014-OF8-09		SD2014-OF8-18		SD2014-TF-B1		SD2014-TF-B1	
	COC Sample		SD14OF80200FD		SD14OF80200FS		SD14OF80500FS		SD14OF80600FS		SD14OF80900FS		SD14OF81800FS		SD14TFB100FD		SD14TFB100FS	
	Date Sampled		04/15/14		04/15/14		04/15/14		04/15/14		04/15/14		04/22/14		04/16/14		04/16/14	
	Sample Type		FD		FS		FS		FS		FS		FS		FD		FS	
	Report Number		14D1046		14D1046		14D1046		14D1046		14D1046		14D1046		14D1046		14D1046	
E680	Decachlorobiphenyl (total)	mg/kg	0.0428	U	0.0492	U	0.0359	U	0.0569	U	0.0817	U	0.0605	U	0.0591	UJ	0.0593	UJ
E680	Dichlorobiphenyl (total)	mg/kg	0.00857	U	0.00984	U	0.00718	U	0.0114	U	0.0163	U	0.0121	U	0.0118	U	0.0119	U
E680	Heptachlorobiphenyl (total)	mg/kg	0.0703	J	0.173	J	0.0215	U	0.0398	U	0.049	U	0.0363	U	0.0355	U	0.0356	U
E680	Hexachlorobiphenyl (total)	mg/kg	0.233		0.387		0.0208	U	0.0945	U	0.0327	U	0.0411	U	0.0236	U	0.0237	U
E680	Monochlorobiphenyl (total)	mg/kg	0.00857	U	0.00984	U	0.00718	U	0.0114	U	0.0163	U	0.0121	U	0.0118	U	0.0119	U
E680	Nonachlorobiphenyl (total)	mg/kg	0.0428	U	0.0492	U	0.0359	U	0.0569	U	0.0817	U	0.0605	U	0.0591	U	0.0593	U
E680	Octachlorobiphenyl (total)	mg/kg	0.0257	U	0.0295	U	0.0215	U	0.0341	U	0.049	U	0.0363	U	0.0355	U	0.0356	U
E680	Pentachlorobiphenyl (total)	mg/kg	0.105	J	0.221	J	0.0144	U	0.0432	U	0.0327	U	0.0339	U	0.0236	U	0.0237	U
E680	Tetrachlorobiphenyl (total)	mg/kg	0.0171	U	0.0197	U	0.0144	U	0.0228	U	0.0327	U	0.0242	U	0.0236	U	0.0237	U
E680	Trichlorobiphenyl (total)	mg/kg	0.00857	U	0.00984	U	0.00718	U	0.0114	U	0.0163	U	0.0121	U	0.0118	U	0.0119	U
SW6020A	Antimony	mg/kg	2.17		1.97	U	1.44	U	2.28	U	3.27	U	2.42	U	2.36	U	2.37	U
SW6020A	Arsenic	mg/kg	4.94		6.23		3.4		9.82		16.4		4.91		6.57		6.58	
SW6020A	Cadmium	mg/kg	2.72		3.35		0.718	U	6.85		24.1		1.3		1.36		1.43	
SW6020A	Chromium	mg/kg	1,580		1,950		149		3,830		14,800		807		167		169	
SW6020A	Copper	mg/kg	628		778		83.2		1,110		2,430		567		264		275	
SW6020A	Lead	mg/kg	88.1		105		27.9		111		247		103		62.8		65.9	
SW6020A	Manganese	mg/kg	194		233		139		401		584		222		395		431	
SW6020A	Nickel	mg/kg	108		133		24.1		240		676		70.2		89		87	
SW6020A	Selenium	mg/kg	1.71	U	1.97	U	1.44	U	2.28	U	4.51		2.42	U	2.36	U	2.37	U
SW6020A	Silver	mg/kg	4.19		5.36		1.44	U	6.88		11.2		3.88		7.35		7.32	
SW6020A	Thallium	mg/kg	1.71	U	1.97	U	1.44	U	2.28	U	3.27	U	2.42	U	2.36	U	2.37	U
SW6020A	Zinc	mg/kg	162		182		107		228		478		196		222		232	
SW7471B	Mercury	mg/kg	0.0566	U	0.0649	U	0.0474	U	0.0751	U	0.108	U	0.0799	U	0.078	U	0.0782	U
SW8082A	Aroclor-1016	mg/kg	0.0428	U	0.0492	U	0.0359	U	0.0569	U	0.0817	U	0.0605	UJ	0.0591	U	0.0593	UJ
SW8082A	Aroclor-1221	mg/kg	0.0428	U	0.0492	U	0.0359	U	0.0569	U	0.0817	U	0.0605	UJ	0.0591	U	0.0593	UJ
SW8082A	Aroclor-1232	mg/kg	0.0428	U	0.0492	U	0.0359	U	0.0569	U	0.0817	U	0.0605	UJ	0.0591	U	0.0593	UJ
SW8082A	Aroclor-1242	mg/kg	0.0428	U	0.0492	U	0.0359	U	0.0569	U	0.0817	U	0.0605	UJ	0.0591	U	0.0593	UJ
SW8082A	Aroclor-1248	mg/kg	0.0428	U	0.0492	U	0.0359	U	0.0569	U	0.0817	U	0.0605	UJ	0.0591	U	0.0593	UJ
SW8082A	Aroclor-1254	mg/kg	0.215		0.317		0.0359	U	0.153		0.0817	U	0.0605	UJ	0.0591	U	0.0593	UJ
SW8082A	Aroclor-1260	mg/kg	0.409		0.51		0.197		0.348		0.147		0.0605	UJ	0.0591	U	0.0593	UJ
SW8082A	Aroclor-1262	mg/kg	0.0428	U	0.0492	U	0.0359	U	0.0569	U	0.0817	U	0.0605	UJ	0.0591	U	0.0593	UJ
SW8082A	Aroclor-1268	mg/kg	0.0428	U	0.0492	U	0.0359	U	0.0569	U	0.0817	U	0.0605	UJ	0.0591	U	0.0593	UJ

**Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1046**

			SD2014-OF8-02		SD2014-OF8-02		SD2014-OF8-05		SD2014-OF8-06		SD2014-OF8-09		SD2014-OF8-18		SD2014-TF-B1		SD2014-TF-B1	
			SD14OF80200FD		SD14OF80200FS		SD14OF80500FS		SD14OF80600FS		SD14OF80900FS		SD14OF81800FS		SD14TFB100FD		SD14TFB100FS	
			04/15/14		04/15/14		04/15/14		04/15/14		04/15/14		04/22/14		04/16/14		04/16/14	
			FD		FS		FS		FS		FS		FS		FD		FS	
			14D1046		14D1046		14D1046		14D1046		14D1046		14D1046		14D1046		14D1046	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8082A	PCB (total)	mg/kg	0.624		0.827		0.197		0.501		0.147		0.0605 UJ		0.0591 U		0.0593 UJ	
SW8270D	1,2,4,5-Tetrachlorobenzene	mg/kg		R		R	0.359 U		0.569 U		3.28 U		2.42 U		0.591 UJ		0.594 U	
SW8270D	1,2,4-Trichlorobenzene	mg/kg		R		R	0.359 UJ		0.569 UJ		3.28 UJ		2.42 UJ		0.591 UJ		0.594 UJ	
SW8270D	1-Methylnaphthalene	mg/kg		R		R	0.359 U		0.569 U		3.28 U		2.42 U		0.591 UJ		0.594 U	
SW8270D	2,2'-Dichlorodisopropylether	mg/kg		R		R	0.359 UJ		0.569 UJ		3.28 UJ		2.42 UJ		0.591 UJ		0.594 UJ	
SW8270D	2,4,5-Trichlorophenol	mg/kg		R		R			0.569 U		3.28 U		2.42 U		0.591 UJ		0.594 U	
SW8270D	2,4,6-Trichlorophenol	mg/kg	1.72 U		1.97 U				0.569 U		3.28 U		2.42 U		0.591 UJ		0.594 U	
SW8270D	2,4-Dichlorophenol	mg/kg		R		R			0.569 U		3.28 U		2.42 U		0.591 UJ		0.594 U	
SW8270D	2,4-Dimethylphenol	mg/kg	1.72 UJ		1.97 UJ				0.569 U		3.28 U		2.42 U		0.591 UJ		0.594 U	
SW8270D	2,4-Dinitrophenol	mg/kg		R		R			1.14 U		6.55 U		4.84 U		R		R	
SW8270D	2,4-Dinitrotoluene	mg/kg		R		R	0.359 U		0.569 U		3.28 U		2.42 U		0.591 UJ		0.594 U	
SW8270D	2,6-Dinitrotoluene	mg/kg	1.72 UJ		1.97 UJ		0.359 U		0.569 U		3.28 U		2.42 U		R		R	
SW8270D	2-Chloronaphthalene	mg/kg	1.72 UJ		1.97 UJ		0.359 U		0.569 U		3.28 U		2.42 U		0.591 UJ		0.594 U	
SW8270D	2-Chlorophenol	mg/kg		R		R			0.569 U		3.28 U		2.42 U		0.591 UJ		0.594 U	
SW8270D	2-Methylnaphthalene	mg/kg		R		R	0.359 U		0.569 U		3.28 U		2.42 U		0.591 UJ		0.594 U	
SW8270D	2-Methylphenol	mg/kg		R		R			0.569 U		3.28 U		2.42 U		0.591 UJ		0.594 U	
SW8270D	2-Nitroaniline	mg/kg	1.72 U		1.97 U		0.359 U		0.569 U		3.28 U		2.42 U		0.591 UJ		0.594 U	
SW8270D	2-Nitrophenol	mg/kg		R		R			0.569 U		3.28 U		2.42 U		0.591 UJ		0.594 U	
SW8270D	3 & 4 Methylphenol	mg/kg		R		R			0.569 U		3.28 U		2.42 U		0.591 UJ		0.594 U	
SW8270D	3,3'-Dichlorobenzidine	mg/kg		R		R	0.359 U		0.569 U		3.28 U		2.42 U		0.591 UJ		0.594 UJ	
SW8270D	3-Nitroaniline	mg/kg	1.72 U		1.97 U		0.359 U		0.569 U		3.28 U		2.42 U		0.591 UJ		0.594 U	
SW8270D	4,6-Dinitro-2-methylphenol	mg/kg		R		R			1.14 U		6.55 U		4.84 U		R		R	
SW8270D	4-Bromophenyl phenyl ether	mg/kg	1.72 U		1.97 U		0.359 U		0.569 U		3.28 U		2.42 U		0.591 UJ		0.594 U	
SW8270D	4-Chloro-3-methylphenol	mg/kg	1.72 U		1.97 U				0.569 U		3.28 U		2.42 U		0.591 UJ		0.594 U	
SW8270D	4-Chloroaniline	mg/kg		R		R	0.359 U		0.569 U		3.28 U		2.42 U		0.591 UJ		0.594 U	
SW8270D	4-Chlorophenyl phenyl ether	mg/kg	1.72 UJ		1.97 UJ		0.359 U		0.569 U		3.28 U		2.42 U		0.591 UJ		0.594 U	
SW8270D	4-Nitroaniline	mg/kg		R		R	0.359 U		0.569 U		3.28 U		2.42 U		0.591 UJ		0.594 U	
SW8270D	4-Nitrophenol	mg/kg		R		R			0.569 U		3.28 U		2.42 U		R		R	
SW8270D	Aniline	mg/kg		R		R	0.359 UJ		0.569 UJ		3.28 UJ		2.42 UJ		0.591 UJ		0.594 UJ	
SW8270D	Bis(2-Chloroethoxy)methane	mg/kg		R		R	0.359 U		0.569 U		3.28 U		2.42 U		0.591 UJ		0.594 U	
SW8270D	Bis(2-Chloroethyl)ether	mg/kg		R		R	0.359 U		0.569 U		3.28 U		2.42 U		0.591 UJ		0.594 U	
SW8270D	Bis(2-Ethylhexyl)phthalate	mg/kg	1.72 U		1.97 U		0.359 U		0.569 U		3.28 U		2.42 U		0.591 UJ		0.594 U	

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1046

Location			SD2014-OF8-02		SD2014-CF8-02		SD2014-OF8-05		SD2014-CF8-06		SD2014-OF8-09		SD2014-OF8-18		SD2014-TF-B1		SD2014-TF-B1	
COC Sample			SD14CF80200FD		SD14CF80200FS		SD14OF80500FS		SD14OF80600FS		SD14OF80900FS		SD14OF81800FS		SD14TFB100FD		SD14TFB100FS	
Date Sampled			04/15/14		04/15/14		04/15/14		04/15/14		04/15/14		04/22/14		04/16/14		04/16/14	
Sample Type			FD		FS		FS		FS		FS		FS		FD		FS	
Report Number			14D1046		14D1046		14D1046		14D1046		14D1046		14D1046		14D1046		14D1046	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8270D	Butylbenzylphthalate	mg/kg	1.72	U	1.97	U	0.359	U	0.569	U	3.28	U	2.42	U	0.591	UJ	0.594	U
SW8270D	Carbazole	mg/kg	1.72	U	1.97	U	0.359	U	0.569	U	3.28	U	2.42	U	0.591	UJ	0.594	U
SW8270D	Di-n-butylphthalate	mg/kg	1.72	U	1.97	U	0.359	U	0.569	U	3.28	U	2.42	U	0.591	UJ	0.594	U
SW8270D	Di-n-octylphthalate	mg/kg	1.72	U	1.97	U	0.359	U	0.569	U	3.28	U	2.42	U	0.591	UJ	0.594	U
SW8270D	Dibenzofuran	mg/kg	1.72	UJ	1.97	UJ	0.359	U	0.569	U	3.28	U	2.42	U	0.591	UJ	0.594	U
SW8270D	Diethylphthalate	mg/kg	1.72	U	1.97	U	0.359	U	0.569	U	3.28	U	2.42	U	0.591	UJ	0.594	U
SW8270D	Dimethylphthalate	mg/kg	1.72	UJ	1.97	UJ	0.359	U	0.569	U	3.28	U	2.42	U	0.591	UJ	0.594	U
SW8270D	Hexachlorobenzene	mg/kg	1.72	U	1.97	U	0.359	U	0.569	U	3.28	U	2.42	U	0.591	UJ	0.594	U
SW8270D	Hexachlorocyclopentadiene	mg/kg	R		R		0.359	UJ	0.569	UJ	3.28	UJ	2.42	UJ	0.591	UJ	0.594	UJ
SW8270D	Hexachlorocyclopentadiene	mg/kg	R		R		0.359	UJ	0.569	UJ	3.28	UJ	2.42	UJ		R		R
SW8270D	Hexachloroethane	mg/kg	R		R		0.359	UJ	0.569	UJ	3.28	UJ	2.42	UJ		R		R
SW8270D	Isophorone	mg/kg	R		R		0.359	U	0.569	U	3.28	U	2.42	U	0.591	UJ	0.594	U
SW8270D	N-Nitrosodi-n-propylamine	mg/kg	R		R		0.359	U	0.569	U	3.28	U	2.42	U	0.591	UJ	0.594	U
SW8270D	N-Nitrosodiphenylamine	mg/kg	1.72	U	1.97	U	0.359	U	0.569	U	3.28	U	2.42	U	0.591	UJ	0.594	U
SW8270D	Nitrobenzene	mg/kg	R		R		0.359	U	0.569	U	3.28	U	2.42	U	0.591	UJ	0.594	U
SW8270D	Pentachloronitrobenzene	mg/kg	R		R		0.359	U	0.569	U	3.28	U	2.42	U	0.591	UJ	0.594	U
SW8270D	Pentachlorophenol	mg/kg	R		R		R		0.569	U	3.28	U	2.42	U	R		R	
SW8270D	Phenol	mg/kg	1.72	U	1.97	U	R		0.569	U	3.28	U	2.42	U	R		R	
SW8270D	Pyridine	mg/kg	R		R		R		R		R		R		R		R	
SW8270 SIM	Acenaphthene	mg/kg	0.0859	UJ	0.0986	UJ	0.18	UJ	0.114	UJ	0.164	UJ	0.121	UJ	0.118	UJ	0.119	UJ
SW8270 SIM	Acenaphthylene	mg/kg	0.0859	UJ	0.0986	UJ	0.18	UJ	0.114	UJ	0.164	UJ	0.157	J	0.118	UJ	0.119	UJ
SW8270 SIM	Anthracene	mg/kg	0.185		0.202		0.539		0.199		0.164		0.387		0.313	J	0.172	J
SW8270 SIM	Benzo(a)anthracene	mg/kg	0.305		0.301		0.961		0.25		0.262		0.92		0.745		0.558	
SW8270 SIM	Benzo(a)pyrene	mg/kg	0.275		0.271		0.889		0.199		0.238		0.944		0.774	J	0.463	J
SW8270 SIM	Benzo(b)fluoranthene	mg/kg	0.266		0.345		0.925		0.273		0.213		0.92		0.916	J	0.481	J
SW8270 SIM	Benzo(ghi)perylene	mg/kg	0.18		0.187		0.467		0.12		0.164	U	0.466		0.307	J	0.143	J
SW8270 SIM	Benzo(k)fluoranthene	mg/kg	0.442		0.444		1.09		0.324		0.328		1.03		0.65		0.624	
SW8270 SIM	Chrysene	mg/kg	0.301		0.399		0.961		0.347		0.287		0.932		0.774		0.594	
SW8270 SIM	Dibenz(a,h)anthracene	mg/kg	0.0859	U	0.0986	U	0.18		0.114	U	0.164	U	0.206		0.142	J	0.119	UJ
SW8270 SIM	Fluoranthene	mg/kg	0.795		0.838		2.68		0.626		0.606		1.78		1.55		1.07	
SW8270 SIM	Fluorene	mg/kg	0.0859	U	0.0986	U	0.215		0.114	U	0.164	U	0.127		0.118	U	0.119	U
SW8270 SIM	Indeno(1,2,3-cd)pyrene	mg/kg	0.15		0.148		0.431		0.114	U	0.164	U	0.424		0.296	J	0.149	J

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1046

			SD2014-OF8-02		SD2014-OF8-02		SD2014-OF8-05		SD2014-OF8-06		SD2014-OF8-09		SD2014-OF8-18		SD2014-TF-B1		SD2014-TF-B1	
			SD14OF80200FD		SD14OF80200FS		SD14OF80500FS		SD14OF80600FS		SD14OF80900FS		SD14OF81800FS		SD14TFB100FD		SD14TFB100FS	
			04/15/14		04/15/14		04/15/14		04/15/14		04/15/14		04/22/14		04/16/14		04/16/14	
			FD		FS		FS		FS		FS		FS		FD		FS	
			14D1046		14D1046		14D1046		14D1046		14D1046		14D1046		14D1046		14D1046	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8270 SIM	Naphthalene	mg/kg	0.0859	UJ	0.0986	UJ	0.18	UJ	0.114	UJ	0.164	UJ	0.121	UJ	0.118	UJ	0.119	UJ
SW8270 SIM	Phenanthrene	mg/kg	0.318		0.34		1.3		0.171		0.287		0.858		0.65		0.392	
SW8270 SIM	Pyrene	mg/kg	0.683		0.73		2.06		0.535		0.606		1.8		1.5		1.09	
SW9014/9010C	Cyanide, Total	mg/kg	4.37		6.3		0.862		7.97		14.4		1.45		1.18	U	1.19	U
LYDK:N	TOTAL ORGANIC CARBON	mg/kg	37,400		33,800		14,200		28,300		40,800		28,000		25,700		32,100	

**Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1046**

			Location SD2014-TF-DE0		SD2014-TF-DE0		SD2014-TF-EF0		SD2014-TF-GH1		SD2014-TF-H2		SD2014-TF-HJ1	
			COC Sample SD14TFDE000FD		SD14TFDE000FS		SD14TFEF000FS		SD14TFGH100FS		SD14TFH200FS		SD14TFHJ100FS	
			Date Sampled 04/16/14		04/16/14		04/16/14		04/16/14		04/16/14		04/16/14	
			Sample Type FD		FS		FS		FS		FS		FS	
			Report Number 14D1046		14D1046		14D1046		14D1046		14D1046		14D1046	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
E680	Decachlorobiphenyl (total)	mg/kg	0.0381	U	0.0338	U	0.0587	U	0.0328	U	0.0437	U	0.032	U
E680	Dichlorobiphenyl (total)	mg/kg	0.101	J	0.0973	J	0.0117	U	0.00657	U	0.00875	U	0.00641	U
E680	Heptachlorobiphenyl (total)	mg/kg	0.314		0.341		0.0352	U	0.0847		0.0262	U	0.0192	U
E680	Hexachlorobiphenyl (total)	mg/kg	1.07		0.79		0.0235	U	0.0959		0.0175	U	0.0128	U
E680	Monochlorobiphenyl (total)	mg/kg	0.0305	U	0.027	U	0.0117	U	0.00657	U	0.00875	U	0.00641	U
E680	Nonachlorobiphenyl (total)	mg/kg	0.152	U	0.135	U	0.0587	U	0.0328	U	0.0437	U	0.032	U
E680	Octachlorobiphenyl (total)	mg/kg	0.198		0.154		0.0352	U	0.0545		0.0262	U	0.0192	U
E680	Pentachlorobiphenyl (total)	mg/kg	4.91		4.36		0.0669		0.0525		0.0175	U	0.0128	U
E680	Tetrachlorobiphenyl (total)	mg/kg	16.2		14.7		0.488		0.0131	U	0.0175	U	0.0128	U
E680	Trichlorobiphenyl (total)	mg/kg	7.6		8.38		0.624		0.00657	U	0.00875	U	0.00641	U
SW6020A	Antimony	mg/kg	2.83		1.35	U	2.35	U	1.31	U	1.75	U	1.28	U
SW6020A	Arsenic	mg/kg	4.66		5.14		6.41		3.49		6.48		1.59	
SW6020A	Cadmium	mg/kg	4.83		4.6		1.39		0.768		2.71		0.641	U
SW6020A	Chromium	mg/kg	354		352		146		135		516		66.8	
SW6020A	Copper	mg/kg	294		318		204		41.9		469		47.4	
SW6020A	Lead	mg/kg	104		78.4		58.9		30		65.4		16.8	
SW6020A	Manganese	mg/kg	562		509		378		398		609		126	
SW6020A	Nickel	mg/kg	722		663		104		113		75.8		65.6	
SW6020A	Selenium	mg/kg	1.52	U	1.35	U	2.35	U	1.31	U	1.75	U	1.28	U
SW6020A	Silver	mg/kg	6.97		5.71		4.6		1.31	U	8.91		1.28	U
SW6020A	Thallium	mg/kg	1.52	U	1.35	U	2.35	U	1.31	U	1.75	U	1.28	U
SW6020A	Zinc	mg/kg	292		276		238		98.1		355		65.8	
SW7471B	Mercury	mg/kg	0.0503	U	0.0446	U	0.0774	U	0.0434	U	0.0577	U	0.0423	U
SW8082A	Aroclor-1016	mg/kg	3.81	U	0.338	U	0.0587	U	0.0328	U	0.0437	U	0.032	U
SW8082A	Aroclor-1221	mg/kg	3.81	U	0.338	U	0.0587	U	0.0328	U	0.0437	U	0.032	U
SW8082A	Aroclor-1232	mg/kg	3.81	U	0.338	U	0.0587	U	0.0328	U	0.0437	U	0.032	U
SW8082A	Aroclor-1242	mg/kg	3.81	U	0.338	U	0.0587	U	0.0328	U	0.0437	U	0.032	U
SW8082A	Aroclor-1248	mg/kg	77.1	J	20.5	J	0.191		0.0328	U	0.0437	U	0.152	
SW8082A	Aroclor-1254	mg/kg	3.81	U	0.338	U	0.0587	U	0.22		0.0437	U	0.032	U
SW8082A	Aroclor-1260	mg/kg	5.56	J	1.78	J	0.0713		0.0328	U	0.0437	U	0.0579	
SW8082A	Aroclor-1262	mg/kg	3.81	U	0.338	U	0.0587	U	0.0328	U	0.191		0.032	U
SW8082A	Aroclor-1268	mg/kg	3.81	U	0.338	U	0.0587	U	0.772		0.0437	U	0.032	U

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1046

Location			SD2014-TF-DE0		SD2014-TF-DE0		SD2014-TF-EF0		SD2014-TF-GH1		SD2014-TF-H2		SD2014-TF-HJ1	
COC Sample			SD14TFDE000FD		SD14TFDE000FS		SD14TFEF000FS		SD14TFGH100FS		SD14TFH200FS		SD14TFHJ100FS	
Date Sampled			04/16/14		04/16/14		04/16/14		04/16/14		04/16/14		04/16/14	
Sample Type			FD		FS		FS		FS		FS		FS	
Report Number			14D1046		14D1046		14D1046		14D1046		14D1046		14D1046	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8082A	PCB (total)	mg/kg	82.6 J		22.3 J		0.263		0.992		0.191		0.21	
SW8270D	1,2,4,5-Tetrachlorobenzene	mg/kg	0.382 U		0.338 U		0.587 U		0.329 U		R		0.32 U	
SW8270D	1,2,4-Trichlorobenzene	mg/kg	0.382 UJ		0.338 UJ		0.587 U		0.329 UJ		R		0.32 UJ	
SW8270D	1-Methylanthralene	mg/kg	0.382 U		0.338 U		0.587 U		0.329 U		R		0.32 U	
SW8270D	2,2'-Dichlorodisopropylether	mg/kg	0.382 UJ		0.338 UJ		0.587 U		0.329 UJ		R		0.32 UJ	
SW8270D	2,4,5-Trichlorophenol	mg/kg	0.382 U		0.338 UJ		0.587 U		0.329 U		R		0.32 U	
SW8270D	2,4,6-Trichlorophenol	mg/kg	0.382 U		0.338 UJ		0.587 U		0.329 U		R		0.32 U	
SW8270D	2,4-Dichlorophenol	mg/kg	0.382 U		3.38 UJ		0.587 U		0.329 U		R		0.32 U	
SW8270D	2,4-Dimethylphenol	mg/kg	3.82 U		0.338 UJ		0.587 U		0.329 U		R		0.32 U	
SW8270D	2,4-Dinitrophenol	mg/kg	R		R		1.17 U		0.658 U		R		0.641 U	
SW8270D	2,4-Dinitrotoluene	mg/kg	R		R		0.587 U		0.329 U		R		0.32 U	
SW8270D	2,6-Dinitrotoluene	mg/kg	3.82 U		3.38 U		0.587 U		0.329 U		R		0.32 U	
SW8270D	2-Chloronaphthalene	mg/kg	0.382 U		0.338 U		0.587 U		0.329 U		R		0.32 U	
SW8270D	2-Chlorophenol	mg/kg	0.382 U		0.338 UJ		0.587 U		0.329 U		R		0.32 U	
SW8270D	2-Methylanthralene	mg/kg	0.382 U		0.338 U		0.587 U		0.329 U		R		0.32 U	
SW8270D	2-Methylphenol	mg/kg	0.382 U		0.338 UJ		0.587 U		0.329 U		R		0.32 U	
SW8270D	2-Nitroaniline	mg/kg	3.82 U		3.38 U		0.587 U		0.329 U		R		0.32 U	
SW8270D	2-Nitrophenol	mg/kg	R		R		0.587 U		0.329 U		R		0.32 U	
SW8270D	3 & 4 Methylphenol	mg/kg	0.382 U		0.338 UJ		0.587 U		0.329 U		R		0.573	
SW8270D	3,3'-Dichlorobenzidine	mg/kg	3.82 UJ		3.38 UJ		0.587 U		0.329 U		R		0.32 U	
SW8270D	3-Nitroaniline	mg/kg	R		R		0.587 U		0.329 U		R		0.32 U	
SW8270D	4,6-Dinitro-2-methylphenol	mg/kg	R		R		1.17 U		0.658 U		R		0.641 U	
SW8270D	4-Bromophenyl phenyl ether	mg/kg	3.82 U		3.38 U		0.587 U		0.329 U		R		0.32 U	
SW8270D	4-Chloro-3-methylphenol	mg/kg	0.382 U		3.38 UJ		0.587 U		0.329 U		R		0.32 U	
SW8270D	4-Chloroaniline	mg/kg	3.82 U		3.38 U		0.587 U		0.329 U		R		0.32 U	
SW8270D	4-Chlorophenyl phenyl ether	mg/kg	3.82 U		3.38 U		0.587 U		0.329 U		R		0.32 U	
SW8270D	4-Nitroaniline	mg/kg	3.82 U		3.38 U		0.587 U		0.329 U		R		0.32 U	
SW8270D	4-Nitrophenol	mg/kg	R		R		0.587 U		0.329 U		R		0.32 U	
SW8270D	Aniline	mg/kg	0.382 UJ		0.338 UJ		0.587 UJ		0.329 UJ		R		0.32 UJ	
SW8270D	Bis(2-Chloroethoxy)methane	mg/kg	0.382 U		0.338 U		0.587 U		0.329 U		R		0.32 U	
SW8270D	Bis(2-Chloroethyl)ether	mg/kg	0.382 UJ		0.338 UJ		0.587 U		0.329 U		R		0.32 U	
SW8270D	Bis(2-Ethylhexyl)phthalate	mg/kg	11.9 J		13.8 J		0.587 U		0.329 U		R		0.32 U	

**Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1046**

			Location		SD2014-TF-DE0		SD2014-TF-DE0		SD2014-TF-EF0		SD2014-TF-GH1		SD2014-TF-H2		SD2014-TF-HJ1	
			COC Sample		SD14TFDE000FD		SD14TFDE000FS		SD14TFEF000FS		SD14TFGH100FS		SD14TFH200FS		SD14TFHJ100FS	
			Date Sampled		04/16/14		04/16/14		04/16/14		04/16/14		04/16/14		04/16/14	
			Sample Type		FD		FS		FS		FS		FS		FS	
			Report Number		14D1046		14D1046		14D1046		14D1046		14D1046		14D1046	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8270D	Butylbenzylphthalate	mg/kg	3.82	U	3.38	U	0.587	U	0.329	U		R		0.32	U	
SW8270D	Carbazole	mg/kg	3.82	U	3.38	U	0.587	U	0.519			R		0.32	U	
SW8270D	Di-n-butylphthalate	mg/kg	3.82	U	3.38	U	0.587	U	0.329	U		R		0.32	U	
SW8270D	Di-n-octylphthalate	mg/kg	3.82	U	3.38	U	0.587	U	3.29	U		R		3.2	U	
SW8270D	Dibenzofuran	mg/kg	3.82	U	3.38	U	0.587	U	0.329	U		R		0.32	U	
SW8270D	Diethylphthalate	mg/kg	3.82	U	3.38	U	0.587	U	0.329	U		R		0.32	U	
SW8270D	Dimethylphthalate	mg/kg	3.82	U	3.38	U	0.587	U	0.329	U		R		0.32	U	
SW8270D	Hexachlorobenzene	mg/kg	3.82	U	3.38	U	0.587	U	0.329	U		R		0.32	U	
SW8270D	Hexachlorobutadiene	mg/kg	3.82	UJ	0.338	UJ	0.587	UJ	0.329	UJ		R		0.32	UJ	
SW8270D	Hexachlorocyclopentadiene	mg/kg		R		R	0.587	UJ	0.329	UJ		R		0.32	UJ	
SW8270D	Hexachloroethane	mg/kg		R		R	0.587	UJ	0.329	UJ		R		0.32	UJ	
SW8270D	Isophorone	mg/kg		R		R	0.587	U	0.329	U		R		0.32	U	
SW8270D	N-Nitrosodi-n-propylamine	mg/kg		R		R	0.587	U	0.329	U		R		0.32	U	
SW8270D	N-Nitrosodiphenylamine	mg/kg	3.82	U	3.38	U	0.587	U	0.329	U		R		0.32	U	
SW8270D	Nitrobenzene	mg/kg	0.382	U	0.338	U	0.587	U	0.329	U		R		0.32	U	
SW8270D	Pentachloronitrobenzene	mg/kg		R		R	0.587	U	0.329	U		R		0.32	U	
SW8270D	Pentachlorophenol	mg/kg		R		R	0.587	U	0.329	U		R		0.32	U	
SW8270D	Phenol	mg/kg	3.82	U	0.338	UJ	0.587	U	0.329	U		R		0.32	U	
SW8270D	Pyridine	mg/kg		R		R		R		R		R			R	
SW8270 SIM	Acenaphthene	mg/kg	0.412	J	0.852	J	0.235	UJ	0.593	J		1.81	J		0.16	UJ
SW8270 SIM	Acenaphthylene	mg/kg	0.55	J	0.566	J	0.235	UJ	0.329	UJ		0.666	J		0.16	UJ
SW8270 SIM	Anthracene	mg/kg	1.63		1.97		0.446		1.4			3.65			0.312	
SW8270 SIM	Benzo(a)anthracene	mg/kg	5.51	J	2.91	J	1.2		3.05			5.4			1.02	
SW8270 SIM	Benzo(a)pyrene	mg/kg	5.47		3.31		0.974		2.93			5.07			1.07	
SW8270 SIM	Benzo(b)fluoranthene	mg/kg	4.89		4.69		0.657		3.21			4.38			1.11	
SW8270 SIM	Benzo(g,h)perylene	mg/kg	2.09		3.43		0.305		1.3			1.75			0.472	
SW8270 SIM	Benzo(k)fluoranthene	mg/kg	1.98		2.84		1.23		3.31			0.877			1.36	
SW8270 SIM	Chrysene	mg/kg	2.82		3.58		1.21		3.16			2.02			1.08	
SW8270 SIM	Dibenz(a,h)anthracene	mg/kg	1.02	J	1.73	J	0.235	U	0.609			0.93			0.208	
SW8270 SIM	Fluoranthene	mg/kg	5.61		7.71		2.49		5.83			4.43			2.34	
SW8270 SIM	Fluorene	mg/kg	0.611	J	1.27	J	0.235	U	0.543			1.63			0.16	U
SW8270 SIM	Indeno(1,2,3-cd)pyrene	mg/kg	2.05	J	3.5	J	0.317		1.25			1.82			0.456	

**Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1046**

			SD2014-TF-DE0		SD2014-TF-DE0		SD2014-TF-EF0		SD2014-TF-GH1		SD2014-TF-H2		SD2014-TF-HJ1	
			SD14TFDE000FD		SD14TFDE000FS		SD14TFEF000FS		SD14TFGH100FS		SD14TFH200FS		SD14TFHJ100FS	
			04/16/14		04/16/14		04/16/14		04/16/14		04/16/14		04/16/14	
			FD		FS		FS		FS		FS		FS	
			14D1046		14D1046		14D1046		14D1046		14D1046		14D1046	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8270 SIM	Naphthalene	mg/kg	0.504 J		0.46 J		0.235 UJ		0.329 UJ		0.754 J		0.16 UJ	
SW8270 SIM	Phenanthrene	mg/kg	3.57		3.18		1.14		4.92		3.11		0.713	
SW8270 SIM	Pyrene	mg/kg	4.54		6.02		2.49		6.22		3.95		1.99	
SW9014/9010C	Cyanide, Total	mg/kg	0.761 UJ		0.879 J		1.17 U		0.657 U		1.22		0.641 U	
LYDKHN	TOTAL ORGANIC CARBON	mg/kg	36,400		28,200		28,900		9,280		19,800		7,560	

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1130

			Location		SD2014-TF-A1		SD2014-TF-G4	
			COC Sample		SD14TFA100FS		SD14TFG400FS	
			Date Sampled		04/28/14		04/28/14	
			Sample Type		FS		FS	
			Report Number		14D1130		14D1130	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual
E680	Decachlorobiphenyl (total)	mg/kg	0.0363	U	0.0328	U		
E680	Dichlorobiphenyl (total)	mg/kg	0.00726	U	0.00656	U		
E680	Heptachlorobiphenyl (total)	mg/kg	0.0218	U	0.0197	U		
E680	Hexachlorobiphenyl (total)	mg/kg	0.0145	U	0.0131	U		
E680	Monochlorobiphenyl (total)	mg/kg	0.00726	U	0.00656	U		
E680	Nonachlorobiphenyl (total)	mg/kg	0.0363	U	0.0328	U		
E680	Octachlorobiphenyl (total)	mg/kg	0.0218	U	0.0197	UJ		
E680	Pentachlorobiphenyl (total)	mg/kg	0.0145	U	0.0131	UJ		
E680	Tetrachlorobiphenyl (total)	mg/kg	0.0145	U	0.0131	U		
E680	Trichlorobiphenyl (total)	mg/kg	0.00726	U	0.00656	U		
SW6020A	Antimony	mg/kg	1.45	U	1.65	J		
SW6020A	Arsenic	mg/kg	5.82		2.88			
SW6020A	Cadmium	mg/kg	1.8		0.656	U		
SW6020A	Chromium	mg/kg	227		33.7			
SW6020A	Copper	mg/kg	440		98.9			
SW6020A	Lead	mg/kg	47.5		21.8			
SW6020A	Manganese	mg/kg	233		164			
SW6020A	Nickel	mg/kg	26.5		15.1			
SW6020A	Selenium	mg/kg	1.45	U	1.47			
SW6020A	Silver	mg/kg	1.94		1.31	U		
SW6020A	Thallium	mg/kg	1.45	U	1.31	U		
SW6020A	Zinc	mg/kg	197		79.8			
SW7471B	Mercury	mg/kg	0.0479	U	0.0433	U		

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1130

			Location		SD2014-TF-A1		SD2014-TF-G4	
			COC Sample		SD14TFA100FS		SD14TFG400FS	
			Date Sampled		04/28/14		04/28/14	
			Sample Type		FS		FS	
			Report Number		14D1130		14D1130	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual
SW8082A	Aroclor-1016	mg/kg	0.0363	U	0.0328	U	0.0328	U
SW8082A	Aroclor-1221	mg/kg	0.0363	U	0.0328	U	0.0328	U
SW8082A	Aroclor-1232	mg/kg	0.0363	U	0.0328	U	0.0328	U
SW8082A	Aroclor-1242	mg/kg	0.0363	U	0.0328	U	0.0328	U
SW8082A	Aroclor-1248	mg/kg	0.0363	U	0.0328	U	0.0328	U
SW8082A	Aroclor-1254	mg/kg	0.0363	U	0.0328	U	0.0328	U
SW8082A	Aroclor-1260	mg/kg	0.0363	U	0.0328	U	0.0328	U
SW8082A	Aroclor-1262	mg/kg	0.0363	U	0.0328	U	0.0328	U
SW8082A	Aroclor-1268	mg/kg	0.0363	U	0.0328	U	0.0328	U
SW8082A	PCB (total)	mg/kg	0.0363	U	0.0328	U	0.0328	U
SW8270D	1,2,4,5-Tetrachlorobenzene	mg/kg	0.363	U	0.328	U	0.328	U
SW8270D	1,2,4-Trichlorobenzene	mg/kg	0.363	UJ	0.328	UJ	0.328	UJ
SW8270D	1-Methylnaphthalene	mg/kg	0.363	U	0.328	U	0.328	U
SW8270D	2,2'-Dichlorodiisopropylether	mg/kg	0.363	UJ	0.328	UJ	0.328	UJ
SW8270D	2,4,5-Trichlorophenol	mg/kg	0.363	U	0.328	U	0.328	U
SW8270D	2,4,6-Trichlorophenol	mg/kg	0.363	U	0.328	U	0.328	U
SW8270D	2,4-Dichlorophenol	mg/kg	0.363	U	0.328	U	0.328	U
SW8270D	2,4-Dimethylphenol	mg/kg	0.363	U	0.328	U	0.328	U
SW8270D	2,4-Dinitrophenol	mg/kg		R	0.656	U	0.656	U
SW8270D	2,4-Dinitrotoluene	mg/kg	0.363	U	0.328	U	0.328	U
SW8270D	2,6-Dinitrotoluene	mg/kg	0.363	U	0.328	U	0.328	U
SW8270D	2-Chloronaphthalene	mg/kg	0.363	U	0.328	U	0.328	U
SW8270D	2-Chlorophenol	mg/kg	0.363	UJ	0.328	UJ	0.328	UJ

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1130

			Location	SD2014-TF-A1	SD2014-TF-G4	
			COC Sample	SD14TFA100FS	SD14TFG400FS	
			Date Sampled	04/28/14	04/28/14	
			Sample Type	FS	FS	
			Report Number	14D1130	14D1130	
Method	Parameter Name	Units	Result	Qual	Result	Qual
SW8270D	2-Methylnaphthalene	mg/kg	0.363	U	0.328	U
SW8270D	2-Methylphenol	mg/kg	0.363	U	0.328	U
SW8270D	2-Nitroaniline	mg/kg	0.363	U	0.328	U
SW8270D	2-Nitrophenol	mg/kg	0.363	U	0.328	U
SW8270D	3 & 4 Methylphenol	mg/kg	0.363	U	0.328	U
SW8270D	3,3'-Dichlorobenzidine	mg/kg	0.363	U	0.328	U
SW8270D	3-Nitroaniline	mg/kg	0.363	U	0.328	U
SW8270D	4,6-Dinitro-2-methylphenol	mg/kg	0.726	U	0.656	U
SW8270D	4-Bromophenyl phenyl ether	mg/kg	0.363	U	0.328	U
SW8270D	4-Chloro-3-methylphenol	mg/kg	0.363	U	0.328	U
SW8270D	4-Chloroaniline	mg/kg	0.363	U	0.328	U
SW8270D	4-Chlorophenyl phenyl ether	mg/kg	0.363	U	0.328	U
SW8270D	4-Nitroaniline	mg/kg	0.363	U	0.328	U
SW8270D	4-Nitrophenol	mg/kg	0.363	UJ	0.328	U
SW8270D	Aniline	mg/kg	0.363	UJ	0.328	UJ
SW8270D	Bis(2-Chloroethoxy)methane	mg/kg	0.363	U	0.328	U
SW8270D	Bis(2-Chloroethyl)ether	mg/kg	0.363	UJ	0.328	UJ
SW8270D	Bis(2-Ethylhexyl)phthalate	mg/kg	0.363	U	0.328	U
SW8270D	Butylbenzylphthalate	mg/kg	0.363	U	0.328	U
SW8270D	Carbazole	mg/kg	0.363	U	0.328	U
SW8270D	Di-n-butylphthalate	mg/kg	0.363	U	0.328	U
SW8270D	Di-n-octylphthalate	mg/kg	0.363	U	0.328	U
SW8270D	Dibenzofuran	mg/kg	0.363	U	0.328	U

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1130

			Location: SD2014-TF-A1		SD2014-TF-G4	
			COC Sample: SD14TFA100FS		SD14TFG400FS	
			Date Sampled: 04/28/14		04/28/14	
			Sample Type: FS		FS	
			Report Number: 14D1130		14D1130	
Method	Parameter Name	Units	Result	Qual	Result	Qual
SW8270D	Diethylphthalate	mg/kg	0.363	U	0.328	U
SW8270D	Dimethylphthalate	mg/kg	0.363	U	0.328	U
SW8270D	Hexachlorobenzene	mg/kg	0.363	U	0.328	U
SW8270D	Hexachlorobutadiene	mg/kg	0.363	UJ	0.328	UJ
SW8270D	Hexachlorocyclopentadiene	mg/kg		R		R
SW8270D	Hexachloroethane	mg/kg		R		R
SW8270D	Isophorone	mg/kg	0.363	U	0.328	U
SW8270D	N-Nitrosodi-n-propylamine	mg/kg	0.363	UJ	0.328	UJ
SW8270D	N-Nitrosodiphenylamine	mg/kg	0.363	U	0.328	U
SW8270D	Nitrobenzene	mg/kg	0.363	UJ	0.328	UJ
SW8270D	Pentachloronitrobenzene	mg/kg	0.363	U	0.328	U
SW8270D	Pentachlorophenol	mg/kg		R	0.328	U
SW8270D	Phenol	mg/kg	0.363	U	0.328	U
SW8270D	Pyridine	mg/kg		R		R
SW8270 SIM	Acenaphthene	mg/kg	0.0363	UJ	0.0328	UJ
SW8270 SIM	Acenaphthylene	mg/kg	0.0762	J	0.0328	UJ
SW8270 SIM	Anthracene	mg/kg	0.116		0.102	
SW8270 SIM	Benzo(a)anthracene	mg/kg	0.319		0.27	
SW8270 SIM	Benzo(a)pyrene	mg/kg	0.361		0.303	
SW8270 SIM	Benzo(b)fluoranthene	mg/kg	0.183		0.193	
SW8270 SIM	Benzo(ghi)perylene	mg/kg	0.243		0.208	
SW8270 SIM	Benzo(k)fluoranthene	mg/kg	0.368		0.275	
SW8270 SIM	Chrysene	mg/kg	0.372		0.284	

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1130

			Location	SD2014-TF-A1	SD2014-TF-G4	
			COC Sample	SD14TFA100FS	SD14TFG400FS	
			Date Sampled	04/28/14	04/28/14	
			Sample Type	FS	FS	
			Report Number	14D1130	14D1130	
Method	Parameter Name	Units	Result	Qual	Result	Qual
SW8270 SIM	Dibenz(a,h)anthracene	mg/kg	0.107		0.0885	
SW8270 SIM	Fluoranthene	mg/kg	0.643		0.552	
SW8270 SIM	Fluorene	mg/kg	0.0454		0.0344	
SW8270 SIM	Indeno(1,2,3-cd)pyrene	mg/kg	0.214		0.187	
SW8270 SIM	Naphthalene	mg/kg		R		R
SW8270 SIM	Phenanthrene	mg/kg	0.314		0.274	
SW8270 SIM	Pyrene	mg/kg	0.619		0.466	
SW9014/9010C	Cyanide, Total	mg/kg	0.726	U	0.656	U
LYDKHN	TOTAL ORGANIC CARBON	mg/kg	19,700		10,000	

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1167

Location			SD2014-REF-02	SD2014-REF-03	SD2014-REF-05	SD2014-REF-05	SD2014-REF-17	SD2014-REF-18	SD2014-REF-US001A	SD2014-REF-US002A								
COC Sample			SD14REF0200FS	SD14REF0300FS	SD14REF0500FD	SD14REF0500FS	SD14REF1700FS	SD14REF1800FS	SD14REFUS100FS	SD14REFUS200FS								
Date Sampled			04/18/14	04/18/14	04/18/14	04/18/14	04/17/14	04/17/14	04/17/14	04/17/14								
Sample Type			FS	FS	FD	FS	FS	FS	FS	FS								
Report Number			14D1167	14D1167	14D1167	14D1167	14D1167	14D1167	14D1167	14D1167								
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
E680	Decachlorobiphenyl (total)	mg/kg	0.0328	U	0.0317	U	0.0334	U	0.0331	U	0.0466	U	0.032	U	0.0336	U	0.0296	U
E680	Dichlorobiphenyl (total)	mg/kg	0.00655	U	0.00635	U	0.00668	U	0.00661	U	0.00931	U	0.00639	U	0.00672	U	0.00592	U
E680	Heptachlorobiphenyl (total)	mg/kg	0.0197	U	0.019	U	0.0201	U	0.0198	U	0.0279	U	0.0192	U	0.0202	U	0.0178	U
E680	Hexachlorobiphenyl (total)	mg/kg	0.0131	U	0.0127	U	0.0134	U	0.0132	U	0.0186	U	0.0128	U	0.0134	U	0.0118	U
E680	Monochlorobiphenyl (total)	mg/kg	0.00655	U	0.00635	U	0.00668	U	0.00661	U	0.00931	U	0.00639	U	0.00672	U	0.00592	U
E680	Nonachlorobiphenyl (total)	mg/kg	0.0328	U	0.0317	U	0.0334	U	0.0331	U	0.0466	U	0.032	U	0.0336	U	0.0296	U
E680	Octachlorobiphenyl (total)	mg/kg	0.0197	U	0.019	U	0.0201	U	0.0198	U	0.0279	U	0.0192	U	0.0202	U	0.0178	U
E680	Pentachlorobiphenyl (total)	mg/kg	0.0131	U	0.0127	U	0.0134	U	0.0132	U	0.0186	U	0.0128	U	0.0134	U	0.0118	U
E680	Tetrachlorobiphenyl (total)	mg/kg	0.0131	U	0.0127	U	0.0134	U	0.0132	U	0.0186	U	0.0128	U	0.0134	U	0.0118	U
E680	Trichlorobiphenyl (total)	mg/kg	0.00655	U	0.00635	U	0.00668	U	0.00661	U	0.00931	U	0.00639	U	0.00672	U	0.00592	U
SW6020A	Antimony	mg/kg	1.31	U	1.27	U	1.94	J	1.32	U	1.86	U	1.28	U	1.34	U	1.18	U
SW6020A	Arsenic	mg/kg	2.44		1.7		2.6		2.44		4.5		2.02		2.84		1.18	U
SW6020A	Cadmium	mg/kg	0.655	U	0.635	U	0.668	U	0.661	U	0.931	U	0.639	U	0.672	U	0.592	U
SW6020A	Chromium	mg/kg	28.2		22.9		32.3		29.6		48.5		22.3		37.3		9.56	
SW6020A	Copper	mg/kg	264		81.2		98		91.8		143		105		104		33.6	
SW6020A	Lead	mg/kg	33.5		23.9		18.2		16.9		31.3		80.9		18.8		6.19	
SW6020A	Manganese	mg/kg	146		135		205		185		239		130		159		59.3	
SW6020A	Nickel	mg/kg	11.6		9.83		14.3		13.9		19.2		10		13.8		4.34	
SW6020A	Selenium	mg/kg	1.31	U	1.27	U	1.34	U	1.32	U	1.86	U	1.28	U	1.34	U	1.18	U
SW6020A	Silver	mg/kg	1.31	U	1.27	U	1.34	U	1.32	U	1.86	U	1.28	U	1.34	U	1.18	U
SW6020A	Thallium	mg/kg	1.31	U	1.27	U	1.34	U	1.32	U	1.86	U	1.28	U	1.34	U	1.18	U
SW6020A	Zinc	mg/kg	147		90.6		102		92.3		151		86.2		98.8		33.7	
SW7471B	Mercury	mg/kg	0.0433	U	0.0419	U	0.0441	U	0.0436	U	0.0615	U	0.0422	U	0.0443	U	0.0391	U
SW8082A	Aroclor-1016	mg/kg	0.0328	U	0.0317	U	0.0334	U	0.0331	U	0.0466	U	0.066	J	0.114	J	0.0296	U
SW8082A	Aroclor-1221	mg/kg	0.0328	U	0.0317	U	0.0334	U	0.0331	U	0.0466	U	0.032	U	0.0336	U	0.0296	U
SW8082A	Aroclor-1232	mg/kg	0.0328	U	0.0317	U	0.0334	U	0.0331	U	0.0466	U	0.032	U	0.0336	U	0.0296	U
SW8082A	Aroclor-1242	mg/kg	0.0328	U	0.0317	U	0.0334	U	0.0331	U	0.0466	U	0.032	U	0.0336	U	0.0296	U
SW8082A	Aroclor-1248	mg/kg	0.0328	U	0.0317	U	0.0334	U	0.0331	U	0.0466	U	0.032	U	0.0336	U	0.0296	U
SW8082A	Aroclor-1254	mg/kg	0.0328	U	0.0317	U	0.0334	U	0.0331	U	0.0466	U	0.032	U	0.0336	U	0.0296	U

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1167

		Location	SD2014-REF-02	SD2014-REF-03	SD2014-REF-05	SD2014-REF-05	SD2014-REF-17	SD2014-REF-18	SD2014-REF-US001A	SD2014-REF-US002A								
		COC Sample	SD14REF0200FS	SD14REF0300FS	SD14REF0500FD	SD14REF0500FS	SD14REF1700FS	SD14REF1800FS	SD14REFUS100FS	SD14REFUS200FS								
		Date Sampled	04/18/14	04/18/14	04/18/14	04/18/14	04/17/14	04/17/14	04/17/14	04/17/14								
		Sample Type	FS	FS	FD	FS	FS	FS	FS	FS								
		Report Number	14D1167	14D1167	14D1167	14D1167	14D1167	14D1167	14D1167	14D1167								
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual						
SW8082A	Aroclor-1260	mg/kg	0.0328	UJ	0.0317	UJ	0.0334	U	0.0331	U	0.0466	UJ	0.032	UJ	0.0336	UJ	0.0296	U
SW8082A	Aroclor-1262	mg/kg	0.0328	UJ	0.0317	UJ	0.0334	U	0.0331	U	0.0466	UJ	0.032	UJ	0.0336	UJ	0.0296	U
SW8082A	Aroclor-1268	mg/kg	0.0328	UJ	0.0317	UJ	0.0334	U	0.0331	U	0.0466	UJ	0.032	UJ	0.0336	UJ	0.0296	U
SW8082A	PCB (total)	mg/kg	0.0328	UJ	0.0317	UJ	0.0334	U	0.0331	U	0.0466	UJ	0.066	J	0.114	J	0.0296	U
SW8270D	1,2,4,5-Tetrachlorobenzene	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U	0.466	UJ		R		R	0.296	U
SW8270D	1,2,4-Trichlorobenzene	mg/kg	0.328	UJ	0.317	UJ	0.334	UJ	0.331	UJ	0.466	UJ		R		R	0.296	UJ
SW8270D	1-Methylnaphthalene	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U	0.466	UJ		R		R	0.296	U
SW8270D	2,2'-Dichlorodiisopropylether	mg/kg	0.328	UJ	0.317	UJ	0.334	UJ	0.331	UJ	0.466	UJ		R		R	0.296	UJ
SW8270D	2,4,5-Trichlorophenol	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U	0.466	U		R		R	0.296	U
SW8270D	2,4,6-Trichlorophenol	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U	0.466	U		R		R	0.296	U
SW8270D	2,4-Dichlorophenol	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U	0.466	U		R		R	0.296	U
SW8270D	2,4-Dimethylphenol	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U	0.466	U		R		R	0.296	U
SW8270D	2,4-Dinitrophenol	mg/kg	0.655	U	0.635	U		R		R	0.931	U		R		R	0.592	U
SW8270D	2,4-Dinitrotoluene	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U	0.466	UJ		R		R	0.296	U
SW8270D	2,6-Dinitrotoluene	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U	0.466	UJ		R		R	0.296	U
SW8270D	2-Chloronaphthalene	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U	0.466	UJ		R		R	0.296	U
SW8270D	2-Chlorophenol	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U	0.466	U		R		R	0.296	U
SW8270D	2-Methylnaphthalene	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U	0.466	UJ		R		R	0.296	U
SW8270D	2-Methylphenol	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U	0.466	U		R		R	0.296	U
SW8270D	2-Nitroaniline	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U	0.466	UJ		R		R	0.296	U
SW8270D	2-Nitrophenol	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U	0.466	U		R		R	0.296	U
SW8270D	3 & 4 Methylphenol	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U	0.466	U		R		R	0.296	U
SW8270D	3,3'-Dichlorobenzidine	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U	0.466	UJ		R		R	0.296	U
SW8270D	3-Nitroaniline	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U	0.466	UJ		R		R	0.296	U
SW8270D	4,6-Dinitro-2-methylphenol	mg/kg	0.655	U	0.635	U	0.668	U	0.661	U	0.931	U		R		R	0.592	U
SW8270D	4-Bromophenyl phenyl ether	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U	0.466	UJ		R		R	0.296	U
SW8270D	4-Chloro-3-methylphenol	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U	0.466	U		R		R	0.296	U
SW8270D	4-Chloroaniline	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U	0.466	UJ		R		R	0.296	U
SW8270D	4-Chlorophenyl phenyl ether	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U	0.466	UJ		R		R	0.296	U

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1167

		Location	SD2014-REF-02	SD2014-REF-03	SD2014-REF-05	SD2014-REF-05	SD2014-REF-17	SD2014-REF-18	SD2014-REF-US001A	SD2014-REF-US002A
		COC Sample	SD14REF0200FS	SD14REF0300FS	SD14REF0500FD	SD14REF0500FS	SD14REF1700FS	SD14REF1800FS	SD14REFUS100FS	SD14REFUS200FS
		Date Sampled	04/18/14	04/18/14	04/18/14	04/18/14	04/17/14	04/17/14	04/17/14	04/17/14
		Sample Type	FS	FS	FD	FS	FS	FS	FS	FS
		Report Number	14D1167	14D1167	14D1167	14D1167	14D1167	14D1167	14D1167	14D1167
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8270D	4-Nitroaniline	mg/kg	R		R		R		R	
SW8270D	4-Nitrophenol	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U
SW8270D	Aniline	mg/kg	0.328	UJ	0.317	UJ	0.334	UJ	0.331	UJ
SW8270D	Bis(2-Chloroethoxy)methane	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U
SW8270D	Bis(2-Chloroethyl)ether	mg/kg	0.328	UJ	0.317	UJ	0.334	UJ	0.331	UJ
SW8270D	Bis(2-Ethylhexyl)phthalate	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U
SW8270D	Butylbenzylphthalate	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U
SW8270D	Carbazole	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U
SW8270D	Di-n-butylphthalate	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U
SW8270D	Di-n-octylphthalate	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U
SW8270D	Dibenzofuran	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U
SW8270D	Diethylphthalate	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U
SW8270D	Dimethylphthalate	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U
SW8270D	Hexachlorobenzene	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U
SW8270D	Hexachlorobutadiene	mg/kg	0.328	UJ	0.317	UJ	0.334	UJ	0.331	UJ
SW8270D	Hexachlorocyclopentadiene	mg/kg	0.328	UJ	0.317	UJ	R		R	
SW8270D	Hexachloroethane	mg/kg	0.328	UJ	0.317	UJ	R		R	
SW8270D	Isophorone	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U
SW8270D	N-Nitrosodi-n-propylamine	mg/kg	0.328	U	0.317	U	R		R	
SW8270D	N-Nitrosodiphenylamine	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U
SW8270D	Nitrobenzene	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U
SW8270D	Pentachloronitrobenzene	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U
SW8270D	Pentachlorophenol	mg/kg	0.328	U	0.317	U	R		R	
SW8270D	Phenol	mg/kg	0.328	U	0.317	U	0.334	U	0.331	U
SW8270D	Pyridine	mg/kg	R		R		R		R	
SW8270 S:M	Acenaphthene	mg/kg	0.0655	U	0.0635	U	0.0668	U	0.0661	U
SW8270 S:M	Acenaphthylene	mg/kg	0.121		0.111		0.0702	J	0.0661	UJ
SW8270 S:M	Anthracene	mg/kg	0.0918		0.092		0.388	J	0.0859	J
SW8270 S:M	Benzo(a)anthracene	mg/kg	0.269		0.263		0.291		0.221	

**Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1167**

			Location: SD2014-REF-02	SD2014-REF-03	SD2014-REF-05	SD2014-REF-05	SD2014-REF-17	SD2014-REF-18	SD2014-REF-USC01A	SD2014-REF-USC02A					
			COC Sample: SD14REF0200FS	SD14REF0300FS	SD14REF0500FD	SD14REF0500FS	SD14REF1700FS	SD14REF1800FS	SD14REFJS100FS	SD14REFUS200FS					
			Date Sampled: 04/18/14	04/18/14	04/18/14	04/18/14	04/17/14	04/17/14	04/17/14	04/17/14					
			Sample Type: FS	FS	FD	FS	FS	FS	FS	FS					
			Report Number: 14D1167	14D1167	14D1167	14D1167	14D1167	14D1167	14D1167	14D1167					
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual			
SW8270 SIM	Benzo(a)pyrene	mg/kg	0.321		0.324		0.271		0.238		0.176		0.18		0.0539
SW8270 SIM	Benzo(b)fluoranthene	mg/kg	0.324 J		0.159 J		0.287 J		0.218 J		0.0633 J		0.085 J		0.0468 J
SW8270 SIM	Benzo(ghi)perylene	mg/kg	0.2		0.175		0.17		0.155		0.0456		0.0985		0.0308
SW8270 SIM	Benzo(k)fluoranthene	mg/kg	0.315		0.276		0.307		0.208		0.068		0.143		0.0598
SW8270 SIM	Chrysene	mg/kg	0.252		0.289		0.401		0.271		0.0689		0.144		0.0521
SW8270 SIM	Dibenz(a,h)anthracene	mg/kg	0.0787		0.0794		0.0735 J		0.0661 UJ		0.0186 U		0.0403		0.0148
SW8270 SIM	Fluoranthene	mg/kg	0.292		0.324		0.388		0.394		0.0931		0.203		0.119
SW8270 SIM	Fluorene	mg/kg	0.0655 U		0.0635 U		0.0668 U		0.0661 U		0.0186 U		0.0134		0.0118 U
SW8270 SIM	Indeno(1,2,3-cd)pyrene	mg/kg	0.164		0.159		0.154		0.122		0.0419		0.0876		0.0296
SW8270 SIM	Naphthalene	mg/kg	0.0655 U		0.0635 U		0.0668 U		0.0661 U		0.0186 U		0.0128 U		0.0118 U
SW8270 SIM	Phenanthrene	mg/kg	0.105		0.133		0.234 J		0.116 J		0.0345		0.0671		0.0693
SW8270 SIM	Pyrene	mg/kg	0.4		0.384		0.414		0.36		0.105		0.232		0.0971
SW9014/9010C	Cyanide, Total	mg/kg	0.655 UJ		0.635 UJ		0.668 UJ		0.661 UJ		0.931 UJ		0.639 UJ		0.592 UJ
LYDKHN	TOTAL ORGANIC CARBON	mg/kg	7,580		4,930		8,830		9,020		21,800		6,940		8,230

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1167

			SD2014-TF-A2		SD2014-TF-A7		SD2014-TF-B7		SD2014-TF-D1		SD2014-TF-F1		SD2014-TF-G1		SD2014-TF-G2		SD2014-TF-G3	
			SD14TFA200FS		SD14TFA700FS		SD14TFB700FS		SD14TFD100FS		SD14TFF100FS		SD14TFG100FS		SD14TFG200FS		SD14TFG300FS	
			04/22/14		04/22/14		04/22/14		04/22/14		04/21/14		04/21/14		04/21/14		04/21/14	
			FS		FS		FS		FS		FS		FS		FS		FS	
			14D1167		14D1167		14D1167		14D1167		14D1167		14D1167		14D1167		14D1167	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
E680	Decachlorobiphenyl (total)	mg/kg	0.0358	U	0.0333	U	0.0333	U	0.0342	U	0.0323	U	0.0345	U	0.0361	U	0.0321	U
E680	Dichlorobiphenyl (total)	mg/kg	0.00716	U	0.00667	U	0.00666	U	0.00684	U	0.00646	U	0.0069	U	0.00723	U	0.00771	U
E680	Heptachlorobiphenyl (total)	mg/kg	0.0215	U	0.02	U	0.02	U	0.0205	U	0.0207	U	0.0442	U	0.0217	U	0.0584	U
E680	Hexachlorobiphenyl (total)	mg/kg	0.0329	U	0.0133	U	0.0133	U	0.0137	U	0.0129	U	0.0518	U	0.0145	U	0.159	U
E680	Monochlorobiphenyl (total)	mg/kg	0.00716	U	0.00667	U	0.00666	U	0.00684	U	0.00646	U	0.0069	U	0.00723	U	0.00642	U
E680	Nonachlorobiphenyl (total)	mg/kg	0.0358	U	0.0333	U	0.0333	U	0.0342	U	0.0323	U	0.0345	U	0.0361	U	0.0321	U
E680	Octachlorobiphenyl (total)	mg/kg	0.0215	U	0.02	U	0.02	U	0.0205	U	0.0194	U	0.0207	U	0.0217	U	0.0462	U
E680	Pentachlorobiphenyl (total)	mg/kg	0.0322	U	0.0353	U	0.03	U	0.0137	U	0.186	U	0.0876	U	0.0145	U	0.498	U
E680	Tetrachlorobiphenyl (total)	mg/kg	0.0143	U	0.0133	U	0.0133	U	0.0137	U	0.314	U	0.531	U	0.0145	U	1.34	U
E680	Trichlorobiphenyl (total)	mg/kg	0.00716	U	0.00667	U	0.00666	U	0.013	U	0.0807	U	0.0069	U	0.013	U	0.988	U
SW6020A	Antimony	mg/kg	1.43	U	1.33	U	1.33	U	1.37	U	1.29	U	1.38	U	1.45	U	1.28	U
SW6020A	Arsenic	mg/kg	9.52	U	4.83	U	4.98	U	6.21	U	4.51	U	6.72	U	6.22	U	4.63	U
SW6020A	Cadmium	mg/kg	5.19	U	1.33	U	1.41	U	3.99	U	3.04	U	5.83	U	6.07	U	2.13	U
SW6020A	Chromium	mg/kg	388	U	216	U	207	U	207	U	133	U	298	U	341	U	245	U
SW6020A	Copper	mg/kg	713	U	689	U	647	U	231	U	195	U	538	U	641	U	495	U
SW6020A	Lead	mg/kg	84	U	73.2	U	69.2	U	40.6	U	44.9	U	88.7	U	88.6	U	57	U
SW6020A	Manganese	mg/kg	382	U	222	U	240	U	330	U	253	U	309	U	284	U	237	U
SW6020A	Nickel	mg/kg	36.9	U	26.8	U	25.6	U	46.1	U	40.7	U	78.8	U	144	U	64.4	U
SW6020A	Selenium	mg/kg	1.77	U	1.33	U	1.38	U	1.37	U	1.29	U	1.38	U	1.5	U	1.28	U
SW6020A	Silver	mg/kg	3.9	U	1.33	U	1.33	U	2.46	U	5.44	U	12.1	U	16.1	U	5.28	U
SW6020A	Thallium	mg/kg	1.43	U	1.33	U	1.33	U	1.37	U	1.29	U	1.38	U	1.45	U	1.28	U
SW6020A	Zinc	mg/kg	412	U	360	U	349	U	197	U	168	U	334	U	351	U	272	U
SW7471B	Mercury	mg/kg	0.0472	U	0.044	U	0.0439	U	0.0451	U	0.0426	U	0.0455	U	0.0477	U	0.0424	U
SW8082A	Aroclor-1016	mg/kg	0.0358	UJ	0.0333	UJ	0.0333	UJ	0.0342	U	0.0323	UJ	0.0345	U	0.0361	U	0.0321	U
SW8082A	Aroclor-1221	mg/kg	0.0358	UJ	0.0333	UJ	0.0333	UJ	0.0342	U	0.0323	UJ	0.0345	U	0.0361	U	0.0321	U
SW8082A	Aroclor-1232	mg/kg	0.0358	UJ	0.0333	UJ	0.0333	UJ	0.0342	U	0.0323	UJ	0.0345	U	0.0361	U	0.0321	U
SW8082A	Aroclor-1242	mg/kg	0.0358	UJ	0.0333	UJ	0.0333	UJ	0.0342	U	0.0323	UJ	0.0345	U	0.0361	U	0.0321	U
SW8082A	Aroclor-1248	mg/kg	0.0358	UJ	0.0333	UJ	0.0333	UJ	0.254	U	0.0856	J	0.189	U	0.12	U	0.725	U
SW8082A	Aroclor-1254	mg/kg	0.0358	UJ	0.0333	UJ	0.0333	UJ	0.0342	U	0.0323	UJ	0.0345	U	0.0361	U	0.0321	U

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1167

			SD2014-TF-A2		SD2014-TF-A7		SD2014-TF-B7		SD2014-TF-D1		SD2014-TF-F1		SD2014-TF-G1		SD2014-TF-G2		SD2014-TF-G3	
			SD14TFA200FS		SD14TFA700FS		SD14TFB700FS		SD14TFD100FS		SD14TFF100FS		SD14TFG100FS		SD14TFG200FS		SD14TFG300FS	
			04/22/14		04/22/14		04/22/14		04/21/14		04/21/14		04/21/14		04/21/14		04/21/14	
			FS		FS		FS		FS		FS		FS		FS		FS	
			14D1167		14D1167		14D1167		14D1167		14D1167		14D1167		14D1167		14D1167	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8082A	Aroclor-1260	mg/kg	0.0358	UJ	0.0333	UJ	0.0333	UJ	0.0427		0.0376	J	0.0788		0.0473		0.066	
SW8082A	Aroclor-1262	mg/kg	0.0358	UJ	0.0333	UJ	0.0333	UJ	0.0342	U	0.0323	UJ	0.0345	U	0.0361	U	0.0321	U
SW8082A	Aroclor-1268	mg/kg	0.0358	UJ	0.0333	UJ	0.0333	UJ	0.0342	U	0.0323	UJ	0.0345	U	0.0361	U	0.0321	U
SW8082A	PCB (total)	mg/kg	0.0358	UJ	0.0333	UJ	0.0333	UJ	0.296		0.123	J	0.267		0.167		0.791	
SW8270D	1,2,4,5-Tetrachlorobenzene	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	1,2,4-Trichlorobenzene	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	UJ	0.361	UJ	0.321	UJ
SW8270D	1-Methylnaphthalene	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	2,2'-Dichlorodiisopropylether	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	UJ	0.361	UJ	0.321	UJ
SW8270D	2,4,5-Trichlorophenol	mg/kg	0.358	U	0.333	U	0.333	U		R		R	0.345	U	0.361	U	0.321	U
SW8270D	2,4,6-Trichlorophenol	mg/kg	0.358	U	0.333	U	0.333	U		R		R	0.345	U	0.361	U	0.321	U
SW8270D	2,4-Dichlorophenol	mg/kg	0.358	U	0.333	U	0.333	U		R		R	0.345	U	0.361	U	0.321	U
SW8270D	2,4-Dimethylphenol	mg/kg	0.358	U	0.333	U	0.333	U		R		R	0.345	U	0.361	U	0.321	U
SW8270D	2,4-Dinitrophenol	mg/kg	0.716	U	0.667	U	0.666	U		R		R	0.69	U	0.723	U	0.642	U
SW8270D	2,4-Dinitrotoluene	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	2,6-Dinitrotoluene	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	2-Chloronaphthalene	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	2-Chlorophenol	mg/kg	0.358	U	0.333	U	0.333	U		R		R	0.345	U	0.361	U	0.321	U
SW8270D	2-Methylnaphthalene	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	2-Methylphenol	mg/kg	0.358	U	0.333	U	0.333	U		R		R	0.345	U	0.361	U	0.321	U
SW8270D	2-Nitroaniline	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	2-Nitrophenol	mg/kg	0.358	U	0.333	U	0.333	U		R		R	0.345	U	0.361	U	0.321	U
SW8270D	3 & 4 Methylphenol	mg/kg	0.358	U	0.333	U	0.333	U		R		R	0.345	U	0.361	U	0.321	U
SW8270D	3,3'-Dichlorobenzidine	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	3-Nitroaniline	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	4,6-Dinitro-2-methylphenol	mg/kg	0.716	U	0.667	U	0.666	U		R		R	0.69	U	0.723	U	0.642	U
SW8270D	4-Bromophenyl phenyl ether	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	4-Chloro-3-methylphenol	mg/kg	0.358	U	0.333	U	0.333	U		R		R	0.345	U	0.361	U	0.321	U
SW8270D	4-Chloroaniline	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	4-Chlorophenyl phenyl ether	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1167

			SD2014-TF-A2		SD2014-TF-A7		SD2014-TF-B7		SD2014-TF-D1		SD2014-TF-F1		SD2014-TF-G1		SD2014-TF-G2		SD2014-TF-G3	
			SD14TFA200FS		SD14TFA700FS		SD14TFB700FS		SD14TFD100FS		SD14TFE100FS		SD14TFG100FS		SD14TFG200FS		SD14TFG300FS	
			04/22/14		04/22/14		04/22/14		04/22/14		04/21/14		04/21/14		04/21/14		04/21/14	
			FS		FS		FS		FS		FS		FS		FS		FS	
			14D1167		14D1167		14D1167		14D1167		14D1167		14D1167		14D1167		14D1167	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8270D	4-Nitroaniline	mg/kg		R		R		R		R		R		R		R		R
SW8270D	4-Nitrophenol	mg/kg	0.358	U	0.333	U	0.333	U		R		R	0.345	U	0.361	U	0.321	U
SW8270D	Aniline	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	UJ	0.361	UJ	0.321	UJ
SW8270D	Bis(2-Chloroethoxy)methane	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	Bis(2-Chloroethyl)ether	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	UJ	0.361	UJ	0.321	UJ
SW8270D	Bis(2-Ethylhexyl)phthalate	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.68	J
SW8270D	Butylbenzylphthalate	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	Carbazole	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	Di-n-butylphthalate	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	Di-n-octylphthalate	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	Dibenzofuran	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	Diethylphthalate	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	Dimethylphthalate	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	Hexachlorobenzene	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	Hexachlorobutadiene	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	UJ	0.361	UJ	0.321	UJ
SW8270D	Hexachlorocyclopentadiene	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	UJ	0.361	UJ	0.321	UJ
SW8270D	Hexachloroethane	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	UJ	0.361	UJ	0.321	UJ
SW8270D	Isophorone	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	N-Nitrosodi-n-propylamine	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	N-Nitrosodiphenylamine	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	Nitrobenzene	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	Pentachloronitrobenzene	mg/kg	0.358	UJ	0.333	UJ	0.333	UJ		R		R	0.345	U	0.361	U	0.321	U
SW8270D	Pentachlorophenol	mg/kg	0.358	U	0.333	U	0.333	U		R		R	0.345	U	0.361	U	0.321	U
SW8270D	Phenol	mg/kg	0.358	U	0.333	U	0.333	U		R		R	0.345	U	0.361	U	0.321	U
SW8270D	Pyridine	mg/kg		R		R		R		R		R		R		R		R
SW8270 SIM	Acenaphthene	mg/kg	0.0143	U	0.0667	U	0.133	U	0.0684	U	0.0646	U	0.069	U	0.0723	U	0.0642	U
SW8270 SIM	Acenaphthylene	mg/kg	0.0408		0.113		0.133	U	0.0684	U	0.0646	U	0.069	U	0.0867		0.0674	
SW8270 SIM	Anthracene	mg/kg	0.0587		0.143		0.153		0.0684	U	0.0646	U	0.069	U	0.163		0.222	
SW8270 SIM	Benzo(a)anthracene	mg/kg	0.162		0.384		0.293		0.106		0.0969		0.141		0.394		0.382	

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1167

			SD2014-TF-A2		SD2014-TF-A7		SD2014-TF-B7		SD2014-TF-D1		SD2014-TF-F1		SD2014-TF-G1		SD2014-TF-G2		SD2014-TF-G3	
			SD14TFA200FS		SD14TFA700FS		SD14TFB700FS		SD14TFD100FS		SD14TFF100FS		SD14TFG100FS		SD14TFG200FS		SD14TFG300FS	
			04/22/14		04/22/14		04/22/14		04/22/14		04/21/14		04/21/14		04/21/14		04/21/14	
			FS		FS		FS		FS		FS		FS		FS		FS	
			14D1167		14D1167		14D1167		14D1167		14D1167		14D1167		14D1167		14D1167	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8270 SIM	Benzo(a)pyrene	mg/kg	0.15		0.417		0.339		0.123		0.136		0.162		0.412		0.446	
SW8270 SIM	Benzo(b)fluoranthene	mg/kg	0.0866 J		0.374 J		0.28 J		0.137 J		0.103 J		0.148 J		0.398 J		0.401 J	
SW8270 SIM	Benzo(ghi)perylene	mg/kg	0.0759		0.25		0.16		0.0684 U		0.0646 U		0.0725		0.275		0.267	
SW8270 SIM	Benzo(k)fluoranthene	mg/kg	0.132		0.343		0.226		0.133		0.126		0.159		0.408		0.472	
SW8270 SIM	Chrysene	mg/kg	0.134		0.37		0.32		0.12		0.116		0.159		0.369		0.398	
SW8270 SIM	Dibenz(a,h)anthracene	mg/kg	0.0336		0.107		0.133 U		0.0684 U		0.0646 U		0.069 U		0.112		0.122	
SW8270 SIM	Fluoranthene	mg/kg	0.208		0.567		0.393		0.178		0.181		0.183		0.491		0.777	
SW8270 SIM	Fluorene	mg/kg	0.0229		0.0667 U		0.133 U		0.0684 U		0.0646 U		0.069 U		0.0723 U		0.0835	
SW8270 SIM	Indeno(1,2,3-cd)pyrene	mg/kg	0.0694		0.217		0.146		0.0684 U		0.0646 U		0.069 U		0.21		0.238	
SW8270 SIM	Naphthalene	mg/kg	0.0208		0.0667 U		0.133 U		0.0684 U		0.0646 U		0.069 U		0.0723 U		0.0642 U	
SW8270 SIM	Phenanthrene	mg/kg	0.113		0.177		0.146		0.0821		0.071		0.0759		0.206		0.421	
SW8270 SIM	Pyrene	mg/kg	0.26		0.747		0.599		0.191		0.21		0.245		0.701		0.745	
SW914/9010C	Cyanide, Total	mg/kg	0.716 U		0.667 U		0.666 U		0.684 U		0.646 U		0.69 U		0.723 U		0.642 U	
LYDKFN	TOTAL ORGANIC CARBON	mg/kg	36,300		40,700		31,700		21,900		23,100		29,500		25,100		22,400	

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1167

			Location		SD2014-TF-J2		SD2014-TF-J3		SD2014-TF-J5	
			COC Sample		SD14TFJ200FS		SD14TFJ300FS		SD14TFJ500FS	
			Date Sampled		04/17/14		04/17/14		04/17/14	
			Sample Type		FS		FS		FS	
			Report Number		14D1167		14D1167		14D1167	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual
E680	Decachlorobiphenyl (total)	mg/kg	0.0313	U	0.0345	U	0.0348	U		
E680	Dichlorobiphenyl (total)	mg/kg	0.00627	U	0.0069	U	0.00697	U		
E680	Heptachlorobiphenyl (total)	mg/kg	0.0307		0.0207	U	0.0209	U		
E680	Hexachlorobiphenyl (total)	mg/kg	0.0301		0.0138	U	0.0293			
E680	Monochlorobiphenyl (total)	mg/kg	0.00627	U	0.0069	U	0.00697	U		
E680	Nonachlorobiphenyl (total)	mg/kg	0.0313	U	0.0345	U	0.0348	U		
E680	Octachlorobiphenyl (total)	mg/kg	0.0188	U	0.0207	U	0.0209	U		
E680	Pentachlorobiphenyl (total)	mg/kg	0.0351		0.0138	U	0.0272			
E680	Tetrachlorobiphenyl (total)	mg/kg	0.0125	U	0.0138	U	0.0139	U		
E680	Trichlorobiphenyl (total)	mg/kg	0.00627	U	0.0069	U	0.00697	U		
SW6020A	Antimony	mg/kg	1.25	U	1.38	U	1.39	U		
SW6020A	Arsenic	mg/kg	5.25		4.61		5.86			
SW6020A	Cadmium	mg/kg	1.68		0.981		2.14			
SW6020A	Chromium	mg/kg	307		143		277			
SW6020A	Copper	mg/kg	289		245		578			
SW6020A	Lead	mg/kg	42.7		32.1		72.2			
SW6020A	Manganese	mg/kg	301		214		307			
SW6020A	Nickel	mg/kg	57.7		28.2		30.9			
SW6020A	Selenium	mg/kg	1.25	U	1.38	U	1.5			
SW6020A	Silver	mg/kg	3.59		1.76		3.15			
SW6020A	Thallium	mg/kg	1.25	U	1.38	U	1.39	U		
SW6020A	Zinc	mg/kg	226		176		342			
SW7471B	Mercury	mg/kg	0.0414	U	0.0455	U	0.046	U		
SW8082A	Aroclor-1016	mg/xg	0.0313	UJ	0.0345	UJ	0.0348	U		
SW8082A	Aroclor-1221	mg/xg	0.0313	UJ	0.0345	UJ	0.0348	U		
SW8082A	Aroclor-1232	mg/xg	0.0313	UJ	0.0345	UJ	0.0348	U		
SW8082A	Aroclor-1242	mg/kg	0.0313	UJ	0.0345	UJ	0.0348	U		
SW8082A	Aroclor-1248	mg/kg	0.0313	UJ	0.0345	UJ	0.0348	U		
SW8082A	Aroclor-1254	mg/kg	0.0313	UJ	0.0345	UJ	0.0348	U		

**Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1167**

		Location	SD2014-TF-J2	SD2014-TF-J3	SD2014-TF-J5			
		COC Sample	SD14TFJ200FS	SD14TFJ300FS	SD14TFJ500FS			
		Date Sampled	04/17/14	04/17/14	04/17/14			
		Sample Type	FS	FS	FS			
		Report Number	14D1167	14D1167	14D1167			
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual
SW8082A	Aroclor-1260	mg/kg	0.0313	UJ	0.0345	UJ	0.0348	U
SW8082A	Aroclor-1262	mg/kg	0.106	J	0.0345	UJ	0.0348	U
SW8082A	Aroclor-1268	mg/kg	0.0313	UJ	0.0345	UJ	0.0348	U
SW8082A	PCB (total)	mg/kg	0.106	J	0.0345	UJ	0.0348	U
SW8270D	1,2,4,5-Tetrachlorobenzene	mg/kg		R		R	0.348	UJ
SW8270D	1,2,4-Trichlorobenzene	mg/kg		R		R	0.348	UJ
SW8270D	1-Methylnaphthalene	mg/kg		R		R	0.348	UJ
SW8270D	2,2'-Dichlorodisopropylether	mg/kg		R		R	0.348	UJ
SW8270D	2,4,5-Trichlorophenol	mg/kg		R	0.345	U	0.348	U
SW8270D	2,4,6-Trichlorophenol	mg/kg		R	0.345	U	0.348	U
SW8270D	2,4-Dichlorophenol	mg/kg		R	0.345	U	0.348	U
SW8270D	2,4-Dimethylphenol	mg/kg		R	0.345	U	0.348	U
SW8270D	2,4-Dinitrophenol	mg/kg		R	0.69	U	0.697	U
SW8270D	2,4-Dinitrotoluene	mg/kg		R		R	0.348	UJ
SW8270D	2,6-Dinitrotoluene	mg/kg		R		R	0.348	UJ
SW8270D	2-Chloronaphthalene	mg/kg		R		R	0.348	UJ
SW8270D	2-Chlorophenol	mg/kg		R	0.345	U	0.348	U
SW8270D	2-Methylnaphthalene	mg/kg		R		R	0.348	UJ
SW8270D	2-Methylphenol	mg/kg		R	0.345	U	0.348	U
SW8270D	2-Nitroaniline	mg/kg		R		R	0.348	UJ
SW8270D	2-Nitrophenol	mg/kg		R	0.345	U	0.348	U
SW8270D	3 & 4 Methylphenol	mg/kg		R	0.345	U	0.348	U
SW8270D	3,3'-Dichlorobenzidine	mg/kg		R		R	0.348	UJ
SW8270D	3-Nitroaniline	mg/kg		R		R	0.348	UJ
SW8270D	4,6-Dinitro-2-methylphenol	mg/kg		R	0.69	U	0.697	U
SW8270D	4-Bromophenyl phenyl ether	mg/kg		R		R	0.348	UJ
SW8270D	4-Chloro-3-methylphenol	mg/kg		R	0.345	U	0.348	U
SW8270D	4-Chloroaniline	mg/kg		R		R	0.348	UJ
SW8270D	4-Chlorophenyl phenyl ether	mg/kg		R		R	0.348	UJ

**Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1167**

		Location:	SD2014-TF-J2	SD2014-TF-J3	SD2014-TF-J5			
		COC Sample	SD14TFJ200FS	SD14TFJ300FS	SD14TFJ500FS			
		Date Sampled	04/17/14	04/17/14	04/17/14			
		Sample Type	FS	FS	FS			
		Report Number	14D1167	14D1167	14D1167			
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual
SW8270D	4-Nitroaniline	mg/kg	R		R		R	
SW8270D	4-Nitrophenol	mg/kg	R		0.345 U		0.348 U	
SW8270D	Aniline	mg/kg	R		R		0.348 UJ	
SW8270D	Bis(2-Chloroethoxy)methane	mg/kg	R		R		0.348 UJ	
SW8270D	Bis(2-Chloroethyl)ether	mg/kg	R		R		0.348 UJ	
SW8270D	Bis(2-Ethylhexyl)phthalate	mg/kg	R		R		0.348 UJ	
SW8270D	Buylbenzylphthalate	mg/kg	R		R		0.348 UJ	
SW8270D	Carbazole	mg/kg	R		R		0.348 UJ	
SW8270D	Di-n-butylphthalate	mg/kg	R		R		0.348 UJ	
SW8270D	Di-n-octylphthalate	mg/kg	R		R		0.348 UJ	
SW8270D	Dibenzofuran	mg/kg	R		R		0.348 UJ	
SW8270D	Diethylphthalate	mg/kg	R		R		0.348 UJ	
SW8270D	Dimethylphthalate	mg/kg	R		R		0.348 UJ	
SW8270D	Hexachlorobenzene	mg/kg	R		R		0.348 UJ	
SW8270D	Hexachlorobutadiene	mg/kg	R		R		0.348 UJ	
SW8270D	Hexachlorocyclopentadiene	mg/kg	R		R		0.348 UJ	
SW8270D	Hexachloroethane	mg/kg	R		R		0.348 UJ	
SW8270D	Isophenone	mg/kg	R		R		0.348 UJ	
SW8270D	N-Nitrosodi-n-propylamine	mg/kg	R		R		0.348 UJ	
SW8270D	N-Nitrosodiphenylamine	mg/kg	R		R		0.348 UJ	
SW8270D	Nitrobenzene	mg/kg	R		R		0.348 UJ	
SW8270D	Pentachloronitrobenzene	mg/kg	R		R		0.348 UJ	
SW8270D	Pentachlorophenol	mg/kg	R		0.345 U		0.348 U	
SW8270D	Phenol	mg/kg	R		0.345 U		0.348 U	
SW8270D	Pyridine	mg/kg	R		R		R	
SW8270 SIM	Acenaphthene	mg/kg	0.125 U		0.069 U		0.0697 U	
SW8270 SIM	Acenaphthylene	mg/kg	0.125 U		0.069 U		0.094	
SW8270 SIM	Anthracene	mg/kg	0.37		0.107		0.289	
SW8270 SIM	Benzo(a)anthracene	mg/kg	0.614		0.259		0.522	

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14D1167

			Location		SD2014-TF-J2		SD2014-TF-J3		SD2014-TF-J5	
			COC Sample		SD14TFJ200FS		SD14TFJ300FS		SD14TFJ500FS	
			Date Sampled		04/17/14		04/17/14		04/17/14	
			Sample Type		FS		FS		FS	
			Report Number		14D1167		14D1167		14D1167	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8270 SIM	Benzo(a)pyrene	mg/kg	0.696		0.259		0.55			
SW8270 SIM	Benzo(b)fluoranthene	mg/kg	0.539	J	0.3	J	0.533	J		
SW8270 SIM	Benzo(ghi)perylene	mg/kg	0.42		0.152		0.352			
SW8270 SIM	Benzo(k)fluoranthene	mg/kg	0.545		0.234		0.616			
SW8270 SIM	Chrysene	mg/kg	0.614		0.228		0.547			
SW8270 SIM	Dibenz(a,h)anthracene	mg/kg	0.182		0.069	U	0.157			
SW8270 SIM	Fluoranthene	mg/kg	1.25		0.421		0.996			
SW8270 SIM	Fluorene	mg/kg	0.125	U	0.069	U	0.101			
SW8270 SIM	Indeno(1,2,3-cd)pyrene	mg/kg	0.376		0.134		0.306			
SW8270 SIM	Naphthalene	mg/kg	0.125	U	0.069	U	0.0697	J		
SW8270 SIM	Phenanthrene	mg/kg	0.608		0.19		0.474			
SW8270 SIM	Pyrene	mg/kg	1.27		0.448		0.993			
SW9014/9010C	Cyanide, Total	mg/kg	0.627	UJ	0.69	UJ	0.975	J		
LYD:KHN	TOTAL ORGANIC CARBON	mg/kg	10,900		10,200		33,700			

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0005

			SD2014-TF-A3		SD2014-TF-A4		SD2014-TF-A5		SD2014-TF-A5		SD2014-TF-A6		SD2014-TF-B2		SD2014-TF-B4	
			SD14TFA300FS		SD14TFA400FS		SD14TFA500FD		SD14TFA500FS		SD14TFA600FS		SD14TFB200FS		SD14TFB400FS	
			04/23/14		04/23/14		04/23/14		04/23/14		04/23/14		04/23/14		04/23/14	
			FS		FS		FD		FS		FS		FS		FS	
			14E0005		14E0005		14E0005		14E0005		14E0005		14E0005		14E0005	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
E680	Decachlorobiphenyl (total)	mg/kg	0.0252	U	0.0603	U	0.0614	U	0.0609	U	0.0514	U	0.0516	UJ	0.0567	U
E680	Dichlorobiphenyl (total)	mg/kg	0.00505	U	0.0121	U	0.0123	U	0.0122	U	0.0103	U	0.0103	UJ	0.0113	U
E680	Heptachlorobiphenyl (total)	mg/kg	0.0151	U	0.0362	U	0.0368	UJ	0.0365	UJ	0.0308	U	0.0309	UJ	0.034	U
E680	Hexachlorobiphenyl (total)	mg/kg	0.0101	U	0.0241	U	0.0246	U	0.0244	U	0.0205	U	0.0206	UJ	0.0227	U
E680	Monochlorobiphenyl (total)	mg/kg	0.00505	U	0.0121	U	0.0123	U	0.0122	U	0.0103	U	0.0103	UJ	0.0113	U
E680	Nonachlorobiphenyl (total)	mg/kg	0.0252	U	0.0603	U	0.0614	U	0.0609	U	0.0514	U	0.0516	UJ	0.0567	U
E680	Octachlorobiphenyl (total)	mg/kg	0.0151	U	0.0362	U	0.0368	UJ	0.0365	UJ	0.0308	U	0.0309	UJ	0.034	U
E680	Pentachlorobiphenyl (total)	mg/kg	0.0101	U	0.0241	U	0.0246	UJ	0.0244	UJ	0.0205	U	0.0206	UJ	0.0227	U
E680	Tetrachlorobiphenyl (total)	mg/kg	0.0101	U	0.0241	U	0.0246	U	0.0244	U	0.0205	U	0.0206	UJ	0.0227	U
E680	Trichlorobiphenyl (total)	mg/kg	0.0162		0.0121	U	0.0123	U	0.0122	U	0.0103	U	0.0103	UJ	0.0113	U
SW6020A	Antimony	mg/kg	1.01	U	2.41	U	3.03	J	2.44	U	2.05	U	2.06	U	2.27	U
SW6020A	Arsenic	mg/kg	5.19		11		8.25		8.54		9.61		9.18		10.4	
SW6020A	Cadmium	mg/kg	1.6		2.91		1.52		1.6		3.36		2.7		2.32	
SW6020A	Chromium	mg/kg	177		349		188		196		406		312		252	
SW6020A	Copper	mg/kg	637		1,560		500		562		1,760		979		1,200	
SW6020A	Lead	mg/kg	60.7		166		103		109		177		105		151	
SW6020A	Manganese	mg/kg	193		439		471		491		357		420		411	
SW6020A	Nickel	mg/kg	18.3		45.8		40.2		40.6		46.5		46.3		45.1	
SW6020A	Selenium	mg/kg	1.11		2.41	U	2.46	U	2.44	U	2.05	U	2.06	U	2.27	U
SW6020A	Silver	mg/kg	1.01	U	2.83		2.62		2.76		2.12		8.47		3.05	
SW6020A	Thallium	mg/kg	1.01	U	2.41	U	2.46	U	2.44	U	2.05	U	2.06	U	2.27	U
SW6020A	Zinc	mg/kg	260		631		352		356		809		467		582	
SW7471B	Mercury	mg/kg	0.0333	U	0.0796	U	0.0811	U	0.0804	U	0.0678	U	0.0681	U	0.0749	U
SW8082A	Aroclor-1016	mg/kg	0.0252	UJ	0.0603	U	0.0614	U	0.0609	U	0.0514	U	0.0516	U	0.0567	U
SW8082A	Aroclor-1221	mg/kg	0.0252	UJ	0.0603	U	0.0614	U	0.0609	U	0.0514	U	0.0516	U	0.0567	U
SW8082A	Aroclor-1232	mg/kg	0.0252	UJ	0.0603	U	0.0614	U	0.0609	U	0.0514	U	0.0516	U	0.0567	U
SW8082A	Aroclor-1242	mg/kg	0.0252	UJ	0.0603	U	0.0614	U	0.0609	U	0.0514	U	0.0516	U	0.0567	U
SW8082A	Aroclor-1248	mg/kg	0.0252	UJ	0.0603	U	0.0614	U	0.0609	U	0.0514	U	0.0516	U	0.0567	U

**Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0005**

			SD2014-TF-A3		SD2014-TF-A4		SD2014-TF-A5		SD2014-TF-A5		SD2014-TF-A6		SD2014-TF-B2		SD2014-TF-B4	
			SD14TFA300FS		SD14TFA400FS		SD14TFA500FD		SD14TFA500FS		SD14TFA600FS		SD14TFB200FS		SD14TFB400FS	
			04/23/14		04/23/14		04/23/14		04/23/14		04/23/14		04/23/14		04/23/14	
			FS		FS		FD		FS		FS		FS		FS	
			14E0005		14E0005		14E0005		14E0005		14E0005		14E0005		14E0005	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8082A	Aroclor-1254	mg/kg	0.0252	UJ	0.0603	U	0.0614	U	0.0609	U	0.0514	U	0.0516	U	0.0567	U
SW8082A	Aroclor-1260	mg/kg	0.0252	UJ	0.0603	U	0.0614	U	0.0609	U	0.0514	U	0.0516	U	0.0567	U
SW8082A	Aroclor-1262	mg/kg	0.0252	UJ	0.0603	U	0.0614	U	0.0609	U	0.0514	U	0.0516	U	0.0567	U
SW8082A	Aroclor-1268	mg/kg	0.0252	UJ	0.0603	U	0.0614	U	0.0609	U	0.0514	U	0.0516	U	0.0567	U
SW8082A	PCB (total)	mg/kg	0.0252	UJ	0.0603	U	0.0614	U	0.0609	U	0.0514	U	0.0516	U	0.0567	U
SW8270D	1,2,4,5-Tetrachlorobenzene	mg/kg	0.252	U	0.603	UJ		R		R	0.514	U	0.516	UJ	0.567	UJ
SW8270D	1,2,4-Trichlorobenzene	mg/kg	0.252	UJ	0.603	UJ		R		R	0.514	UJ	0.516	UJ	0.567	UJ
SW8270D	1-Methylnaphthalene	mg/kg	0.252	U	0.603	UJ		R		R	0.514	U	0.516	UJ	0.567	UJ
SW8270D	2,2'-Dichlorodisopropylether	mg/kg	0.252	UJ	0.603	UJ		R		R	0.514	UJ	0.516	UJ	0.567	UJ
SW8270D	2,4,5-Trichlorophenol	mg/kg	0.252	U	0.603	U	0.614	U	0.609	U	0.514	U	0.516	U	0.567	U
SW8270D	2,4,6-Trichlorophenol	mg/kg	0.252	U	0.603	U	0.614	U	0.609	U	0.514	U	0.516	U	0.567	U
SW8270D	2,4-Dichlorophenol	mg/kg	0.252	U	0.603	U		R		R	0.514	U	0.516	U	0.567	U
SW8270D	2,4-Dimethylphenol	mg/kg	0.252	U	0.603	U	0.614	UJ	0.609	UJ	0.514	U	0.516	U	0.567	U
SW8270D	2,4-Dinitrophenol	mg/kg	0.505	UJ	1.21	UJ		R		R	1.03	UJ	1.03	UJ	1.13	UJ
SW8270D	2,4-Dinitrotoluene	mg/kg	0.252	U	0.603	UJ		R		R	0.514	U	0.516	UJ	0.567	UJ
SW8270D	2,6-Dinitrotoluene	mg/kg	0.252	U	0.603	UJ	0.614	UJ	0.609	UJ	0.514	U	0.516	UJ	0.567	UJ
SW8270D	2-Chloronaphthalene	mg/kg	0.252	U	0.603	UJ		R		R	0.514	U	0.516	UJ	0.567	UJ
SW8270D	2-Chlorophenol	mg/kg	0.252	UJ	0.603	UJ		R		R	0.514	UJ	0.516	UJ	0.567	UJ
SW8270D	2-Methylnaphthalene	mg/kg	0.252	U	0.603	UJ		R		R	0.514	U	0.516	UJ	0.567	UJ
SW8270D	2-Methylphenol	mg/kg	0.252	U	0.603	U		R		R	0.514	U	0.516	U	0.567	U
SW8270D	2-Nitroaniline	mg/kg	0.252	U	0.603	UJ	0.614	U	0.609	UJ	0.514	U	0.516	UJ	0.567	UJ
SW8270D	2-Nitrophenol	mg/kg	0.252	U	0.603	U		R		R	0.514	U	0.516	U	0.567	U
SW8270D	3 & 4 Methylphenol	mg/kg	0.252	U	0.603	U		R		R	0.514	U	0.516	U	0.567	U
SW8270D	3,3'-Dichlorobenzidine	mg/kg	0.252	U	0.603	UJ	0.614	U	0.609	UJ	0.514	U	0.516	UJ	0.567	UJ
SW8270D	3-Nitroaniline	mg/kg	0.252	U	0.603	UJ		R		R	0.514	U	0.516	UJ	0.567	UJ
SW8270D	4,6-Dinitro-2-methylphenol	mg/kg	0.505	U	1.21	U		R		R	1.03	U	1.03	U	1.13	U
SW8270D	4-Bromophenyl phenyl ether	mg/kg	0.252	U	0.603	UJ	0.614	U	0.609	UJ	0.514	U	0.516	UJ	0.567	UJ
SW8270D	4-Chloro-3-methylphenol	mg/kg	0.252	U	0.603	U	0.614	U	0.609	U	0.514	U	0.516	U	0.567	U

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0005

			SD2014-TF-A3		SD2014-TF-A4		SD2014-TF-A5		SD2014-TF-A5		SD2014-TF-A6		SD2014-TF-B2		SD2014-TF-B4	
			SD14TFA300FS		SD14TFA400FS		SD14TFA500FD		SD14TFA500FS		SD14TFA600FS		SD14TFB200FS		SD14TFB400FS	
			04/23/14		04/23/14		04/23/14		04/23/14		04/23/14		04/23/14		04/23/14	
			FS		FS		FD		FS		FS		FS		FS	
			14E0005		14E0005		14E0005		14E0005		14E0005		14E0005		14E0005	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8270D	4-Chloroaniline	mg/kg	0.252	U	0.603	UJ		R		R	0.514	U	0.516	UJ	0.567	UJ
SW8270D	4-Chlorophenyl phenyl ether	mg/kg	0.252	U	0.603	UJ	0.614	U	0.609	UJ	0.514	U	0.516	UJ	0.567	UJ
SW8270D	4-Nitroaniline	mg/kg	0.252	U	0.603	UJ		R	0.609	UJ	0.514	U	0.516	UJ	0.567	UJ
SW8270D	4-Nitrophenol	mg/kg	0.252	U	0.603	U		R		R	0.514	U	0.516	U	0.567	U
SW8270D	Aniline	mg/kg	0.252	UJ	0.603	UJ		R		R	0.514	UJ	0.516	UJ	0.567	UJ
SW8270D	Bis(2-Chloroethoxy)methane	mg/kg	0.252	U	0.603	UJ		R		R	0.514	U	0.516	UJ	0.567	UJ
SW8270D	Bis(2-Chloroethyl)ether	mg/kg	0.252	UJ	0.603	UJ		R		R	0.514	UJ	0.516	UJ	0.567	UJ
SW8270D	Bis(2-Ethylhexyl)phthalate	mg/kg	0.252	U	0.603	UJ	0.614	U	0.609	UJ	0.514	U	0.516	UJ	0.567	UJ
SW8270D	Butylbenzylphthalate	mg/kg	0.252	U	0.603	UJ	0.614	U	0.609	UJ	0.514	U	0.516	UJ	0.567	UJ
SW8270D	Carbazole	mg/kg	0.252	U	0.603	UJ	0.614	U	0.609	UJ	0.514	U	0.516	UJ	0.567	UJ
SW8270D	Di-n-butylphthalate	mg/kg	0.252	U	0.603	UJ	0.614	U	0.609	UJ	0.514	U	0.516	UJ	0.567	UJ
SW8270D	Di-n-octylphthalate	mg/kg	0.252	U	0.603	UJ	0.614	U	0.609	UJ	0.514	U	0.516	UJ	0.567	UJ
SW8270D	Dibenzofuran	mg/kg	0.252	U	0.603	UJ	0.614	UJ	0.609	UJ	0.514	U	0.516	UJ	0.567	UJ
SW8270D	Diethylphthalate	mg/kg	0.252	U	0.603	UJ	0.614	U	0.609	UJ	0.514	U	0.516	UJ	0.567	UJ
SW8270D	Dimethylphthalate	mg/kg	0.252	U	0.603	UJ	0.614	U	0.609	UJ	0.514	U	0.516	UJ	0.567	UJ
SW8270D	Hexachlorobenzene	mg/kg	0.252	U	0.603	UJ	0.614	U	0.609	UJ	0.514	U	0.516	UJ	0.567	UJ
SW8270D	Hexachlorobutadiene	mg/kg	0.252	UJ	0.603	UJ		R		R	0.514	UJ	0.516	UJ	0.567	UJ
SW8270D	Hexachlorocyclopentadiene	mg/kg	0.252	UJ	0.603	UJ		R		R	0.514	UJ	0.516	UJ	0.567	UJ
SW8270D	Hexachloroethane	mg/kg		R		R		R		R		R		R		R
SW8270D	Isophorone	mg/kg	0.252	U	0.603	UJ		R		R	0.514	U	0.516	UJ	0.567	UJ
SW8270D	N-Nitrosodi-n-propylamine	mg/kg	0.252	U	0.603	UJ		R		R	0.514	U	0.516	UJ	0.567	UJ
SW8270D	N-Nitrosodiphenylamine	mg/kg	0.252	U	0.603	UJ	0.614	U	0.609	UJ	0.514	U	0.516	UJ	0.567	UJ
SW8270D	Nitrobenzene	mg/kg	0.252	UJ	0.603	UJ		R		R	0.514	UJ	0.516	UJ	0.567	UJ
SW8270D	Pentachloronitrobenzene	mg/kg	0.252	U	0.603	UJ	0.614	U	0.609	UJ	0.514	U	0.516	UJ	0.567	UJ
SW8270D	Pentachlorophenol	mg/kg	0.252	U	0.603	U		R		R	0.514	U	0.516	U	0.567	U
SW8270D	Phenol	mg/kg	0.252	U	0.603	U	0.614	U	0.609	U	0.514	U	0.516	U	0.567	U
SW8270D	Pyridine	mg/kg		R		R		R		R		R		R		R
SW8270 SIM	Acenaphthene	mg/kg	0.0101	UJ	0.0241	UJ	0.123	UJ	0.122	UJ	0.257	UJ	0.258	UJ	0.113	UJ

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0005

			SD2014-TF-A3		SD2014-TF-A4		SD2014-TF-A5		SD2014-TF-A5		SD2014-TF-A6		SD2014-TF-B2		SD2014-TF-B4	
			SD14TFA300FS		SD14TFA400FS		SD14TFA500FD		SD14TFA500FS		SD14TFA600FS		SD14TFB200FS		SD14TFB400FS	
			04/23/14		04/23/14		04/23/14		04/23/14		04/23/14		04/23/14		04/23/14	
			FS		FS		FD		FS		FS		FS		FS	
			14E0005		14E0005		14E0005		14E0005		14E0005		14E0005		14E0005	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8270 SIM	Acenaphthylene	mg/kg	0.0192	J	0.0362	J	0.123	UJ	0.122	UJ	0.257	UJ	0.258	UJ	0.113	UJ
SW8270 SIM	Anthracene	mg/kg	0.0273		0.0314		0.123	U	0.122	U	0.257	U	0.258	U	0.113	U
SW8270 SIM	Benzo(a)anthracene	mg/kg	0.0419		0.0784		0.178	J	0.122	UJ	0.591		0.309		0.147	
SW8270 SIM	Benzo(a)pyrene	mg/kg	0.057		0.111		0.227	J	0.134	J	0.488		0.322		0.153	
SW8270 SIM	Benzo(b)fluoranthene	mg/kg	0.0384		0.0784		0.215	J	0.122	UJ	0.372		0.284		0.113	U
SW8270 SIM	Benzo(ghi)perylene	mg/kg	0.0318		0.0603		0.154	J	0.122	UJ	0.308		0.258	U	0.113	U
SW8270 SIM	Benzo(k)fluoranthene	mg/kg	0.0621		0.0941		0.209		0.134		0.475		0.297		0.159	
SW8270 SIM	Chrysene	mg/kg	0.0495		0.0905		0.215		0.164		0.501		0.374		0.147	
SW8270 SIM	Dibenz(a,h)anthracene	mg/kg	0.0141		0.0265		0.123	U	0.122	U	0.257	U	0.258	U	0.113	U
SW8270 SIM	Fluoranthene	mg/kg	0.0742		0.122		0.338	J	0.201	J	0.655		0.477		0.165	
SW8270 SIM	Fluorene	mg/kg	0.0101	U	0.0241	U	0.123	U	0.122	U	0.257	U	0.258	U	0.113	U
SW8270 SIM	Indeno(1,2,3-cd)pyrene	mg/kg	0.0288		0.0555		0.129	J	0.122	UJ	0.27		0.258	U	0.113	U
SW8270 SIM	Naphthalene	mg/kg	0.0116	J		R		R		R		R		R		R
SW8270 SIM	Phenanthrene	mg/kg	0.0338		0.0483		0.141	J	0.122	UJ	0.257	U	0.258	U	0.113	U
SW8270 SIM	Pyrene	mg/kg	0.0979		0.151		0.393		0.25		0.848		0.58		0.233	
SW9014/9010C	Cyanide, Total	mg/kg	0.505	U	1.21	U	1.23	U	1.22	U	1.03	U	1.03	U	1.13	U
LYDKHN	TOTAL ORGANIC CARBON	mg/kg	40,300		38,200		32,600		30,000		37,600		41,300		36,000	

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0005

			SD2014-TF-C7		SD2014-TF-E1		SD2014-TF-ZA45		SD2014-TF-ZA56		SD2014-TF-ZA67	
			SD14TFC700FS		SD14TFE100FS		SD14TFZA4500FS		SD14TFZA5600FS		SD14TFZA6700FS	
			04/23/14		04/23/14		04/22/14		04/22/14		04/23/14	
			FS		FS		FS		FS		FS	
			14E0005		14E0005		14E0005		14E0005		14E0005	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
E680	Decachlorobiphenyl (total)	mg/kg	0.0415	U	0.0458	U		R	0.0697	U	0.0506	U
E680	Dichlorobiphenyl (total)	mg/kg	0.0083	U	0.00916	U		R	0.0139	U	0.0101	U
E680	Heptachlorobiphenyl (total)	mg/kg	0.0249	U	0.0275	U		R	0.0418	U	0.0304	U
E680	Hexachlorobiphenyl (total)	mg/kg	0.0166	U	0.022	U		R	0.0279	U	0.0202	U
E680	Monochlorobiphenyl (total)	mg/kg	0.0083	U	0.00916	U		R	0.0139	U	0.0101	U
E680	Nonachlorobiphenyl (total)	mg/kg	0.0415	U	0.0458	U		R	0.0697	U	0.0506	U
E680	Octachlorobiphenyl (total)	mg/kg	0.0249	U	0.0275	U		R	0.0418	U	0.0304	U
E680	Pentachlorobiphenyl (total)	mg/kg	0.0166	U	0.0183	U		R	0.0279	U	0.0202	U
E680	Tetrachlorobiphenyl (total)	mg/kg	0.0166	U	0.227	U		R	0.0279	U	0.0202	U
E680	Trichlorobiphenyl (total)	mg/kg	0.0083	U	0.239	U		R	0.0139	U	0.0101	U
SW6020A	Antimony	mg/kg	1.66	U	1.83	U		R	2.79	U	2.02	U
SW6020A	Arsenic	mg/kg	5.8	U	8.59	U	12.2	J	10.4	U	8.17	U
SW6020A	Cadmium	mg/kg	1.29	U	4.59	U		R	2.25	U	2.2	U
SW6020A	Chromium	mg/kg	157	U	404	U	211	J	337	U	276	U
SW6020A	Copper	mg/kg	452	U	654	U	535	J	872	U	703	U
SW6020A	Lead	mg/kg	64.8	U	97.6	U	115	J	130	U	110	U
SW6020A	Manganese	mg/kg	284	U	361	U	530	J	505	U	412	U
SW6020A	Nickel	mg/kg	30.5	U	102	U	38.1	J	50.1	U	44.2	U
SW6020A	Selenium	mg/kg	1.66	U	1.83	U	4.03	J	2.79	U	2.02	U
SW6020A	Silver	mg/kg	2.11	U	5.82	U		R	4.22	U	3.05	U
SW6020A	Thallium	mg/kg	1.66	U	1.83	U		R	2.79	U	2.02	U
SW6020A	Zinc	mg/kg	281	U	497	U	297	J	439	U	428	U
SW7471B	Mercury	mg/kg	0.0548	U	0.0605	U		R	0.092	U	0.0668	U
SW8082A	Aroclor-1016	mg/kg	0.0415	U	0.0458	U		R	0.0697	U	0.0506	U
SW8082A	Aroclor-1221	mg/kg	0.0415	U	0.0458	U		R	0.0697	U	0.0506	U
SW8082A	Aroclor-1232	mg/kg	0.0415	U	0.0458	U		R	0.0697	U	0.0506	U
SW8082A	Aroclor-1242	mg/kg	0.0415	U	0.0458	U		R	0.0697	U	0.0506	U
SW8082A	Aroclor-1248	mg/kg	0.0415	U	0.523	U		R	0.0697	U	0.0506	U

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0005

			SD2014-TF-C7		SD2014-TF-E1		SD2014-TF-ZA45		SD2014-TF-ZA56		SD2014-TF-ZA67	
Location			SD14TFC700FS		SD14TFE100FS		SD14TFZA4500FS		SD14TFZA5600FS		SD14TFZA6700FS	
COC Sample												
Date Sampled			04/23/14		04/23/14		04/22/14		04/22/14		04/23/14	
Sample Type			FS		FS		FS		FS		FS	
Report Number			14E0005		14E0005		14E0005		14E0005		14E0005	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8082A	Aroclor-1254	mg/kg	0.0415	U	0.0458	U	R		0.0697	U	0.0506	U
SW8082A	Aroclor-1260	mg/kg	0.0415	U	0.0964		R		0.0697	U	0.0506	U
SW8082A	Aroclor-1262	mg/kg	0.0415	U	0.0458	U	R		0.0697	U	0.0506	U
SW8082A	Aroclor-1268	mg/kg	0.0415	U	0.0458	U	R		0.0697	U	0.0506	U
SW8082A	PCB (total)	mg/kg	0.0415	U	0.619		R		0.0697	U	0.0506	U
SW8270D	1,2,4,5-Tetrachlorobenzene	mg/kg	0.415	U	0.458	U	R		0.697	U	0.506	U
SW8270D	1,2,4-Trichlorobenzene	mg/kg	0.415	UJ	0.458	UJ	R		0.697	UJ	0.506	UJ
SW8270D	1-Methylnaphthalene	mg/kg	0.415	U	0.458	U	R		0.697	U	0.506	U
SW8270D	2,2'-Dichlorodisopropylether	mg/kg	0.415	UJ	0.458	UJ	R		0.697	UJ	0.506	UJ
SW8270D	2,4,5-Trichlorophenol	mg/kg	0.415	U	0.458	U	R		0.697	U	0.506	U
SW8270D	2,4,6-Trichlorophenol	mg/kg	0.415	U	0.458	U	R		0.697	U	0.506	U
SW8270D	2,4-Dichlorophenol	mg/kg	0.415	U	0.458	U	R		0.697	U	0.506	U
SW8270D	2,4-Dimethylphenol	mg/kg	0.415	U	0.458	U	R		0.697	U	0.506	U
SW8270D	2,4-Dinitrophenol	mg/kg	0.83	UJ	0.916	UJ	R		1.39	UJ	1.01	UJ
SW8270D	2,4-Dinitrotoluene	mg/kg	0.415	U	0.458	U	R		0.697	U	0.506	U
SW8270D	2,6-Dinitrotoluene	mg/kg	0.415	U	0.458	U	R		0.697	U	0.506	U
SW8270D	2-Chloronaphthalene	mg/kg	0.415	U	0.458	U	R		0.697	U	0.506	U
SW8270D	2-Chlorophenol	mg/kg	0.415	UJ	0.458	UJ	R		0.697	UJ	0.506	UJ
SW8270D	2-Methylnaphthalene	mg/kg	0.415	U	0.458	U	R		0.697	U	0.506	U
SW8270D	2-Methylphenol	mg/kg	0.415	U	0.458	U	R		0.697	U	0.506	U
SW8270D	2-Nitroaniline	mg/kg	0.415	U	0.458	U	R		0.697	U	0.506	U
SW8270D	2-Nitrophenol	mg/kg	0.415	U	0.458	U	R		0.697	U	0.506	U
SW8270D	3 & 4 Methylphenol	mg/kg	0.415	U	0.458	U	R		0.697	U	0.506	U
SW8270D	3,3'-Dichlorobenzidine	mg/kg	0.415	U	0.458	U	R		0.697	U	0.506	U
SW8270D	3-Nitroaniline	mg/kg	0.415	U	0.458	U	R		0.697	U	0.506	U
SW8270D	4,6-Dinitro-2-methylphenol	mg/kg	0.83	U	0.916	U	R		1.39	U	1.01	U
SW8270D	4-Bromophenyl phenyl ether	mg/kg	0.415	U	0.458	U	R		0.697	U	0.506	U
SW8270D	4-Chloro-3-methylphenol	mg/kg	0.415	U	0.458	U	R		0.697	U	0.506	U

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0005

			SD2014-TF-C7		SD2014-TF-E1		SD2014-TF-ZA45		SD2014-TF-ZA56		SD2014-TF-ZA67	
			SD14TFC700FS		SD14TFE100FS		SD14TFZA4500FS		SD14TFZA5600FS		SD14TFZA6700FS	
			04/23/14		04/23/14		04/22/14		04/22/14		04/23/14	
			FS		FS		FS		FS		FS	
			14E0005		14E0005		14E0005		14E0005		14E0005	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8270D	4-Chloroaniline	mg/kg	0.415	U	0.458	U		R	0.697	U	0.506	U
SW8270D	4-Chlorophenyl phenyl ether	mg/kg	0.415	U	0.458	U		R	0.697	U	0.506	U
SW8270D	4-Nitroaniline	mg/kg	0.415	U	0.458	U		R	0.697	U	0.506	U
SW8270D	4-Nitrophenol	mg/kg	0.415	U	0.458	U		R	0.697	U	0.506	U
SW8270D	Aniline	mg/kg	0.415	UJ	0.458	UJ		R	0.697	UJ	0.506	UJ
SW8270D	Bis(2-Chloroethoxy)methane	mg/kg	0.415	U	0.458	U		R	0.697	U	0.506	U
SW8270D	Bis(2-Chloroethyl)ether	mg/kg	0.415	UJ	0.458	UJ		R	0.697	UJ	0.506	UJ
SW8270D	Bis(2-Ethylhexyl)phthalate	mg/kg	0.415	U	0.458	U		R	0.697	U	0.506	U
SW8270D	Butylbenzylphthalate	mg/kg	0.415	U	0.458	U		R	0.697	U	0.506	U
SW8270D	Carbazole	mg/kg	0.415	U	0.458	U		R	0.697	U	0.506	U
SW8270D	Di-n-butylphthalate	mg/kg	0.415	U	0.458	U		R	0.697	U	0.506	U
SW8270D	Di-n-octylphthalate	mg/kg	0.415	U	0.458	U		R	0.697	U	0.506	U
SW8270D	Dibenzofuran	mg/kg	0.415	U	0.458	U		R	0.697	U	0.506	U
SW8270D	Diethylphthalate	mg/kg	0.415	U	0.458	U		R	0.697	U	0.506	U
SW8270D	Dimethylphthalate	mg/kg	0.415	U	0.458	U		R	0.697	U	0.506	U
SW8270D	Hexachlorobenzene	mg/kg	0.415	U	0.458	U		R	0.697	U	0.506	U
SW8270D	Hexachlorobutadiene	mg/kg	0.415	UJ	0.458	UJ		R	0.697	UJ	0.506	UJ
SW8270D	Hexachlorocyclopentadiene	mg/kg	0.415	UJ	0.458	UJ		R	0.697	UJ	0.506	UJ
SW8270D	Hexachloroethane	mg/kg		R		R		R		R		R
SW8270D	Isophorone	mg/kg	0.415	U	0.458	U		R	0.697	U	0.506	U
SW8270D	N-Nitrosodi-n-propylamine	mg/kg	0.415	U	0.458	U		R	0.697	U	0.506	U
SW8270D	N-Nitrosodiphenylamine	mg/kg	0.415	U	0.458	U		R	0.697	U	0.506	U
SW8270D	Nitrobenzene	mg/kg	0.415	UJ	0.458	UJ		R	0.697	UJ	0.506	UJ
SW8270D	Pentachloronitrobenzene	mg/kg	0.415	U	0.458	U		R	0.697	U	0.506	U
SW8270D	Pentachlorophenol	mg/kg	0.415	U	0.458	U		R	0.697	U	0.506	U
SW8270D	Phenol	mg/kg	0.415	U	0.458	U		R	0.697	U	0.506	U
SW8270D	Pyridine	mg/kg		R		R		R		R		R
SW8270 SIM	Acenaphthene	mg/kg	0.166	UJ	0.458	UJ		R	0.0279	UJ	0.101	UJ

**Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0005**

			Location		SD2014-TF-C7		SD2014-TF-E1		SD2014-TF-ZA45		SD2014-TF-ZA56		SD2014-TF-ZA67	
			COC Sample		SD14TFC700FS		SD14TFE100FS		SD14TFZA4500FS		SD14TFZA5600FS		SD14TFZA6700FS	
			Date Sampled		04/23/14		04/23/14		04/22/14		04/22/14		04/23/14	
			Sample Type		FS		FS		FS		FS		FS	
			Report Number		14E0005		14E0005		14E0005		14E0005		14E0005	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8270 SIM	Acenaphthylene	mg/kg	0.166	UJ	0.458	UJ			R		0.0418	J	0.101	UJ
SW8270 SIM	Anthracene	mg/kg	0.166	U	0.458	U			R		0.0753		0.101	U
SW8270 SIM	Benzo(a)anthracene	mg/kg	0.183		0.458	U			0.0621	J	0.13		0.137	
SW8270 SIM	Benzo(a)pyrene	mg/kg	0.199		0.458	U			0.0749	J	0.172		0.121	
SW8270 SIM	Benzo(b)fluoranthene	mg/kg	0.166	U	0.458	U			0.0384	J	0.149		0.101	U
SW8270 SIM	Benzo(g,h)perylene	mg/kg	0.166	U	0.458	U			0.0475	J	0.102		0.101	U
SW8270 SIM	Benzo(k)fluoranthene	mg/kg	0.199		0.458	U			0.0713	J	0.158		0.116	
SW8270 SIM	Chrysene	mg/kg	0.208		0.458	U			0.0713	J	0.148		0.126	
SW8270 SIM	Dibenz(a,h)anthracene	mg/kg	0.166	U	0.458	U			R		0.0432		0.101	U
SW8270 SIM	Fluoranthene	mg/kg	0.291		0.848				0.17	J	0.293		0.197	
SW8270 SIM	Fluorene	mg/kg	0.166	U	0.458	U			R		0.0279	U	0.101	U
SW8270 SIM	Indeno(1,2,3-cd)pyrene	mg/kg	0.166	U	0.458	U			0.0439	J	0.0906		0.101	U
SW8270 SIM	Naphthalene	mg/kg		R		R			R			R		R
SW8270 SIM	Phenanthrene	mg/kg	0.166	U	0.458	U			0.0804	J	0.146		0.101	U
SW8270 SIM	Pyrene	mg/kg	0.374		0.939				0.15	J	0.296		0.243	
SW9014/9010C	Cyanide, Total	mg/kg	0.83	U	0.916	U			R		1.39	U	1.01	U
LYDKHN	TOTAL ORGANIC CARBON	mg/kg	20,200		42,800				55,500	J	44,500		32,700	

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0079

Location			SD2014-TF-C1		SD2014-TF-D5		SD2014-TF-E3		SD2014-TF-E4		SD2014-TF-E5		SD2014-TF-F4		SD2014-TF-F5		SD2014-TF-H3	
COC Sample			SD14TFC100FS		SD14TFD500FS		SD14TFE300FS		SD14TFE400FS		SD14TFE500FS		SD14TFF400FS		SD14TFF500FS		SD14TFH300FS	
Date Sampled			04/30/14		05/01/14		05/01/14		05/01/14		05/01/14		05/01/14		05/01/14		05/01/14	
Sample Type			FS		FS		FS		FS		FS		FS		FS		FS	
Report Number			14E0079		14E0079		14E0079		14E0079		14E0079		14E0079		14E0079		14E0079	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
E680	Decachlorobiphenyl (total)	mg/kg	0.0338	U	0.0425	U	0.0424	U	0.0415	U	0.0397	U	0.0462	U	0.0396	U	0.0427	U
E680	Dichlorobiphenyl (total)	mg/kg	0.00677	U	0.0085	U	0.00848	U	0.00831	U	0.00794	U	0.00924	U	0.00793	U	0.00854	U
E680	Heptachlorobiphenyl (total)	mg/kg	0.0203	U	0.0255	U	0.0254	U	0.0249	U	0.0238	U	0.0277	U	0.0238	U	0.0256	U
E680	Hexachlorobiphenyl (total)	mg/kg	0.0176		0.017	U	0.017	U	0.0166	U	0.0159	U	0.0185	U	0.0159	U	0.0171	U
E680	Monochlorobiphenyl (total)	mg/kg	0.00677	U	0.0085	U	0.00848	U	0.00831	U	0.00794	U	0.00924	U	0.00793	U	0.00854	U
E680	Nonachlorobiphenyl (total)	mg/kg	0.0338	U	0.0425	U	0.0424	U	0.0415	U	0.0397	U	0.0462	U	0.0396	U	0.0427	U
E680	Octachlorobiphenyl (total)	mg/kg	0.0203	U	0.0255	U	0.0254	U	0.0249	U	0.0238	U	0.0277	U	0.0238	U	0.0256	U
E680	Pentachlorobiphenyl (total)	mg/kg	0.0189		0.017	U	0.017	U	0.0166	U	0.0159	U	0.0185	U	0.0159	U	0.0171	U
E680	Tetrachlorobiphenyl (total)	mg/kg	0.0609		0.017	U	0.017	U	0.0166	U	0.0159	U	0.0185	U	0.0159	U	0.0171	U
E680	Trichlorobiphenyl (total)	mg/kg	0.00677	U	0.0085	U	0.00848	U	0.00831	U	0.00794	U	0.00924	U	0.00793	U	0.00854	U
SW6020A	Antimony	mg/kg	1.35	U	1.7	U	1.7	U	1.66	U	1.59	U	1.85	U	1.59	U	1.71	U
SW6020A	Arsenic	mg/kg	11.3		7.92		5.91		5.45		2.17		3.92		2.96		7.67	
SW6020A	Cadmium	mg/kg	1.97		1.06		0.848	U	0.831	U	0.794	U	0.924	U	0.793	U	2.44	
SW6020A	Chromium	mg/kg	763		118		69.1		60.6		18.2		43.1		18.9		327	
SW6020A	Copper	mg/kg	165		579		171		278		79.2		129		48.4		829	
SW6020A	Lead	mg/kg	47.1		102		35.4		48.9		18.3		27.6		11.9		77.6	
SW6020A	Manganese	mg/kg	2,690		361		302		254		128		230		171		264	
SW6020A	Nickel	mg/kg	138		30.7		26.8		21.5		8.29		15.3		11.8		65.2	
SW6020A	Selenium	mg/kg	1.35	U	1.72		1.81		1.66	U	1.59	U	1.85	U	1.59	U	1.85	
SW6020A	Silver	mg/kg	2.97		1.7	U	1.7	U	1.66	U	1.59	U	1.85	U	1.59	U	3.42	
SW6020A	Thallium	mg/kg	1.35	U	1.7	U	1.7	U	1.66	U	1.59	U	1.85	U	1.59	U	1.71	U
SW6020A	Zinc	mg/kg	236		337		152		220		77.5		115		81		486	
SW7471B	Mercury	mg/kg	0.0447	U	0.0561	U	0.056	U	0.0548	U	0.0524	U	0.061	U	0.0523	U	0.0564	U
SW8082A	Aroclor-1016	mg/kg	0.0338	U	0.0425	U	0.0424	U	0.0415	U	0.0397	U	0.0462	U	0.0396	U	0.0427	U
SW8082A	Aroclor-1221	mg/kg	0.0338	U	0.0425	U	0.0424	U	0.0415	U	0.0397	U	0.0462	U	0.0396	U	0.0427	U
SW8082A	Aroclor-1232	mg/kg	0.0338	U	0.0425	U	0.0424	U	0.0415	U	0.0397	U	0.0462	U	0.0396	U	0.0427	U
SW8082A	Aroclor-1242	mg/kg	0.0338	U	0.0425	U	0.0424	U	0.0415	U	0.0397	U	0.0462	U	0.0396	U	0.0427	U
SW8082A	Aroclor-1248	mg/kg	0.118		0.0425	U	0.0424	U	0.0415	U	0.0397	U	0.0462	U	0.0396	U	0.0427	U
SW8082A	Aroclor-1254	mg/kg	0.0338	U	0.0425	U	0.0424	U	0.0415	U	0.0397	U	0.0462	U	0.0396	U	0.0427	U

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0079

			Location: SD2014-TF-C1	SD2014-TF-D5	SD2014-TF-E3	SD2014-TF-E4	SD2014-TF-E5	SD2014-TF-F4	SD2014-TF-F5	SD2014-TF-H3								
			COC Sample SD14TFC100FS	SD14TFD500FS	SD14TFE300FS	SD14TFE400FS	SD14TFE500FS	SD14TFE400FS	SD14TFE500FS	SD14TFH300FS								
			Date Sampled 04/30/14	05/01/14	05/01/14	05/01/14	05/01/14	05/01/14	05/01/14	05/01/14								
			Sample Type FS	FS	FS	FS	FS	FS	FS	FS								
			Report Number 14E0079	14E0079	14E0079	14E0079	14E0079	14E0079	14E0079	14E0079								
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual						
SW8082A	Aroclor-1260	mg/kg	0.0739		0.0425 U		0.0424 U		0.0415 U		0.0397 U		0.0462 U		0.0396 U		0.0427 U	
SW8082A	Aroclor-1262	mg/kg	0.0338 U		0.0425 U		0.0424 U		0.0415 U		0.0397 U		0.0462 U		0.0396 U		0.0427 U	
SW8082A	Aroclor-1268	mg/kg	0.0338 U		0.0425 U		0.0424 U		0.0415 U		0.0397 U		0.0462 U		0.0396 U		0.0427 U	
SW8082A	PCB (total)	mg/kg	0.192		0.0425 U		0.0424 U		0.0415 U		0.0397 U		0.0462 U		0.0396 U		0.0427 U	
SW8270D	1,2,4,5-Tetrachlorobenzene	mg/kg		R	0.424 U		0.423 U		0.415 U		0.397 U			R	0.396 U		0.427 U	
SW8270D	1,2,4-Trichlorobenzene	mg/kg		R	0.424 U		0.423 U		0.415 U		0.397 U			R	0.396 U		0.427 U	
SW8270D	1-Methylnaphthalene	mg/kg		R	0.424 U		0.423 U		0.415 U		0.397 U			R	0.396 U		0.427 U	
SW8270D	2,2'-Dichlorodisopropylether	mg/kg		R		R		R		R		R		R		R		R
SW8270D	2,4,5-Trichlorophenol	mg/kg		R	0.424 U		0.423 U		0.415 U		0.397 U			R	0.396 U		0.427 U	
SW8270D	2,4,6-Trichlorophenol	mg/kg		R	0.424 U		0.423 U		0.415 U		0.397 U			R	0.396 U		0.427 U	
SW8270D	2,4-Dichlorophenol	mg/kg		R	0.424 U		0.423 U		0.415 U		0.397 U			R	0.396 U		0.427 U	
SW8270D	2,4-Dimethylphenol	mg/kg		R	0.424 U		0.423 U		0.415 U		0.397 U			R	0.396 U		0.427 U	
SW8270D	2,4-Dinitrophenol	mg/kg		R	0.848 U		0.846 U		0.831 U		0.794 U			R	0.793 U		0.854 U	
SW8270D	2,4-Dinitrotoluene	mg/kg		R	0.424 U		0.423 U		0.415 U		0.397 U			R	0.396 U		0.427 U	
SW8270D	2,6-Dinitrotoluene	mg/kg		R	0.424 U		0.423 U		0.415 U		0.397 U			R	0.396 U		0.427 U	
SW8270D	2-Chloronaphthalene	mg/kg		R	0.424 U		0.423 U		0.415 U		0.397 U			R	0.396 U		0.427 U	
SW8270D	2-Chlorophenol	mg/kg		R	0.424 U		0.423 U		0.415 U		0.397 U			R	0.396 U		0.427 U	
SW8270D	2-Methylnaphthalene	mg/kg		R	0.424 U		0.423 U		0.415 U		0.397 U			R	0.396 U		0.427 U	
SW8270D	2-Methylphenol	mg/kg		R	0.424 U		0.423 U		0.415 U		0.397 U			R	0.396 U		0.427 U	
SW8270D	2-Nitroaniline	mg/kg		R	0.424 U		0.423 U		0.415 U		0.397 U			R	0.396 U		0.427 U	
SW8270D	2-Nitrophenol	mg/kg		R	0.424 U		0.423 U		0.415 U		0.397 U			R	0.396 U		0.427 U	
SW8270D	3 & 4 Methylphenol	mg/kg		R	0.424 U		0.423 U		0.415 U		0.397 U			R	0.396 U		0.427 U	
SW8270D	3,3'-Dichlorobenzidine	mg/kg		R	0.424 U		0.423 U		0.415 U		0.397 U			R	0.396 U		0.427 U	
SW8270D	3-Nitroaniline	mg/kg		R	0.424 U		0.423 U		0.415 U		0.397 U			R	0.396 U		0.427 U	
SW8270D	4,6-Dinitro-2-methylphenol	mg/kg		R	0.848 U		0.846 U		0.831 U		0.794 U			R	0.793 U		0.854 U	
SW8270D	4-Bromophenyl phenyl ether	mg/kg		R	0.424 U		0.423 U		0.415 U		0.397 U			R	0.396 U		0.427 U	
SW8270D	4-Chloro-3-methylphenol	mg/kg		R	0.424 U		0.423 U		0.415 U		0.397 U			R	0.396 U		0.427 U	
SW8270D	4-Chloroaniline	mg/kg		R	0.424 U		0.423 U		0.415 U		0.397 U			R	0.396 U		0.427 U	
SW8270D	4-Chlorophenyl phenyl ether	mg/kg		R	0.424 U		0.423 U		0.415 U		0.397 U			R	0.396 U		0.427 U	

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0079

			SD2014-TF-C1		SD2014-TF-D5		SD2014-TF-E3		SD2014-TF-E4		SD2014-TF-E5		SD2014-TF-F4		SD2014-TF-F5		SD2014-TF-H3	
			SD14TFC100FS		SD14TFD500FS		SD14TFE300FS		SD14TFE400FS		SD14TFE500FS		SD14TFE400FS		SD14TFE500FS		SD14TFH300FS	
			04/30/14		05/01/14		05/01/14		05/01/14		05/01/14		05/01/14		05/01/14		05/01/14	
			FS		FS		FS		FS		FS		FS		FS		FS	
			14E0079		14E0079		14E0079		14E0079		14E0079		14E0079		14E0079		14E0079	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8270D	4-Nitroaniline	mg/kg	R		0.424 U		0.423 U		0.415 U		0.397 U		R		0.396 U		0.427 U	
SW8270D	4-Nitrophenol	mg/kg	R		0.424 U		0.423 U		0.415 U		0.397 U		R		0.396 U		0.427 U	
SW8270D	Aniline	mg/kg	R		0.424 U		0.423 U		0.415 U		0.397 U		R		0.396 U		0.427 U	
SW8270D	Bis(2-Chloroethoxy)methane	mg/kg	R		0.424 U		0.423 U		0.415 U		0.397 U		R		0.396 U		0.427 U	
SW8270D	Bis(2-Chloroethyl)ether	mg/kg	R		R		R		R		R		R		R		R	
SW8270D	Bis(2-Ethylhexyl)phthalate	mg/kg	0.48 J		0.424 U		0.423 U		0.415 U		0.397 U		R		0.396 U		0.427 U	
SW8270D	Butylbenzylphthalate	mg/kg	R		0.424 U		0.423 U		0.415 U		0.397 U		R		0.396 U		0.427 U	
SW8270D	Carbazole	mg/kg	R		0.424 U		0.423 U		0.415 U		0.397 U		R		0.396 U		0.427 U	
SW8270D	Di-n-butylphthalate	mg/kg	R		0.424 U		0.423 U		0.415 U		0.397 U		R		0.396 U		0.427 U	
SW8270D	Di-n-octylphthalate	mg/kg	R		1.7 U		0.423 U		1.66 U		1.59 U		R		0.396 U		1.71 U	
SW8270D	Dibenzofuran	mg/kg	R		0.424 U		0.423 U		0.415 U		0.397 U		R		0.396 U		0.427 U	
SW8270D	Diethylphthalate	mg/kg	R		0.424 U		0.423 U		0.415 U		0.397 U		R		0.396 U		0.427 U	
SW8270D	Dimethylphthalate	mg/kg	R		0.424 U		0.423 U		0.415 U		0.397 U		R		0.396 U		0.427 U	
SW8270D	Hexachlorobenzene	mg/kg	R		0.424 U		0.423 U		0.415 U		0.397 U		R		0.396 U		0.427 U	
SW8270D	Hexachlorobutadiene	mg/kg	R		R		R		R		R		R		R		R	
SW8270D	Hexachlorocyclopentadiene	mg/kg	R		R		R		R		R		R		R		R	
SW8270D	Hexachloroethane	mg/kg	R		R		R		R		R		R		R		R	
SW8270D	Isophorone	mg/kg	R		0.424 U		0.423 U		0.415 U		0.397 U		R		0.396 U		0.427 U	
SW8270D	N-Nitrosodi-n-propylamine	mg/kg	R		0.424 U		0.423 U		0.415 U		0.397 U		R		0.396 U		0.427 U	
SW8270D	N-Nitrosodiphenylamine	mg/kg	R		0.424 U		0.423 U		0.415 U		0.397 U		R		0.396 U		0.427 U	
SW8270D	Nitrobenzene	mg/kg	R		0.424 U		0.423 U		0.415 U		0.397 U		R		0.396 U		0.427 U	
SW8270D	Pentachloronitrobenzene	mg/kg	R		0.424 U		0.423 U		0.415 U		0.397 U		R		0.396 U		0.427 U	
SW8270D	Pentachlorophenol	mg/kg	R		0.424 U		0.423 U		0.415 U		0.397 U		R		0.396 U		0.427 U	
SW8270D	Phenol	mg/kg	R		0.424 U		0.423 U		0.415 U		0.397 U		R		0.396 U		0.427 U	
SW8270D	Pyridine	mg/kg	R		R		R		R		R		R		R		R	
SW8270 SIM	Acenaphtriene	mg/kg	R		R		R		R		R		R		R		R	
SW8270 SIM	Acenaphthylene	mg/kg	R		R		R		0.0602 J		R		R		R		R	
SW8270 SIM	Anthracene	mg/kg	0.135		0.0424 U		0.0423 U		0.054		0.0159 U		0.00924 U		0.0159 U		0.158	
SW8270 SIM	Benzo(a)anthracene	mg/kg	0.416		0.136		0.0973		0.21		0.031		0.0148		0.0159 U		0.427	

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0079

			SD2014-TF-C1		SD2014-TF-D5		SD2014-TF-E3		SD2014-TF-E4		SD2014-TF-E5		SD2014-TF-F4		SD2014-TF-F5		SD2014-TF-H3	
Location			SD14TFC100FS		SD14TFD500FS		SD14TFE300FS		SD14TFE400FS		SD14TFE500FS		SD14TFF400FS		SD14TFF500FS		SD14TFH300FS	
COC Sample			SD14TFC100FS		SD14TFD500FS		SD14TFE300FS		SD14TFE400FS		SD14TFE500FS		SD14TFF400FS		SD14TFF500FS		SD14TFH300FS	
Date Sampled			04/30/14		05/01/14		05/01/14		05/01/14		05/01/14		05/01/14		05/01/14		05/01/14	
Sample Type			FS		FS		FS		FS		FS		FS		FS		FS	
Report Number			14E0079		14E0079		14E0079		14E0079		14E0079		14E0079		14E0079		14E0079	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8270 SIM	Benzo(a)pyrene	mg/kg	0.355		0.165		0.0951		0.237		0.0278		0.0157		0.0159	U	0.346	
SW8270 SIM	Benzo(b)fluoranthene	mg/kg	0.406	J	0.131	J	0.0994	J	0.208	J	0.0238	J	0.0143	J	0.0159	UJ	0.35	J
SW8270 SIM	Benzo(ghi)perylene	mg/kg	0.206		0.11		0.0529		0.133		0.0159	U	0.00924	U	0.0159	U	0.179	
SW8270 SIM	Benzo(k)fluoranthene	mg/kg	0.474		0.201		0.112		0.268		0.0365		0.0162		0.0159	U	0.436	
SW8270 SIM	Chrysene	mg/kg	0.386		0.119		0.0909		0.195		0.0246		0.0134		0.0159	U	0.367	
SW8270 SIM	Dibenz(a,h)anthracene	mg/kg	0.0677	U	0.0424	U	0.0423	U	0.0415	U	0.0159	U	0.00924	U	0.0159	U	0.0854	U
SW8270 SIM	Fluoranthene	mg/kg	0.792		0.155		0.135		0.283		0.0349		0.0249		0.0238		0.611	
SW8270 SIM	Fluorene	mg/kg	0.0677	UJ	0.0424	UJ	0.0423	UJ	0.0415	UJ	0.0159	UJ	0.00924	UJ	0.0159	UJ	0.0854	UJ
SW8270 SIM	Indeno(1,2,3-cd)pyrene	mg/kg	0.22		0.112		0.0571		0.135		0.0159		0.00924		0.0159	U	0.192	
SW8270 SIM	Naphthalene	mg/kg		R		R		R		R		R		R		R		R
SW8270 SIM	Phenanthrene	mg/kg	0.775		0.0784		0.0782		0.174		0.0167		0.0162		0.0159	U	0.436	
SW8270 SIM	Pyrene	mg/kg	0.683		0.206		0.144		0.353		0.0445		0.0268		0.023		0.675	
SW9014/9010C	Cyanide, Total	mg/kg	0.677	U	0.85	U	0.848	U	0.831	U	0.794	U	0.924	U	0.793	U	0.854	U
LYDKHN	TOTAL ORGANIC CARBON	mg/kg	16,300		20,800		15,000		12,000		5,640		8,380		7,350		14,900	

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0079

		Location	SD2014-TF-H4		SD2014-TF-J4		SD2014-TF-K3	
		COC Sample	SD14TFH400FS		SD14TFJ400FS		SD14TFK300FS	
		Date Sampled	05/01/14		05/01/14		05/01/14	
		Sample Type	FS		FS		FS	
		Report Number	14E0079		14E0079		14E0079	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual
E680	Decachlorobiphenyl (total)	mg/kg	0.0424	U	0.0363	U	0.0397	U
E680	Dichlorobiphenyl (total)	mg/kg	0.00848	U	0.00726	U	0.00795	U
E680	Heptachlorobiphenyl (total)	mg/kg	0.0254	U	0.0218	U	0.0238	U
E680	Hexachlorobiphenyl (total)	mg/kg	0.017	U	0.0145	U	0.0159	U
E680	Monochlorobiphenyl (total)	mg/kg	0.00848	U	0.00726	U	0.00795	U
E680	Nonachlorobiphenyl (total)	mg/kg	0.0424	U	0.0363	U	0.0397	U
E680	Octachlorobiphenyl (total)	mg/kg	0.0254	U	0.0218	U	0.0238	U
E680	Pentachlorobiphenyl (total)	mg/kg	0.017	U	0.0145	U	0.0159	U
E680	Tetrachlorobiphenyl (total)	mg/kg	0.017	U	0.0145	U	0.0159	U
E680	Trichlorobiphenyl (total)	mg/kg	0.00848	U	0.00726	U	0.00795	U
SW6020A	Antimony	mg/kg	1.7	U	1.45	U	1.59	U
SW6020A	Arsenic	mg/kg	5.88		4.49		4.25	
SW6020A	Caesium	mg/kg	1.62		0.979		0.795	U
SW6020A	Chromium	mg/kg	228		126		81.4	
SW6020A	Copper	mg/kg	521		269		163	
SW6020A	Lead	mg/kg	73.1		41		70.7	
SW6020A	Manganese	mg/kg	284		233		210	
SW6020A	Nickel	mg/kg	45		27.8		24.9	
SW6020A	Selenium	mg/kg	1.75		1.45	U	1.59	U
SW6020A	Silver	mg/kg	2.51		1.45	U	1.59	U
SW6020A	Thallium	mg/kg	1.7	U	1.45	U	1.59	U
SW6020A	Zinc	mg/kg	347		206		143	
SW7471B	Mercury	mg/kg	0.056	U	0.0479	U	0.0524	U
SW8082A	Aroclor-1016	mg/kg	0.0424	U	0.0363	U	0.0397	U
SW8082A	Aroclor-1221	mg/kg	0.0424	U	0.0363	U	0.0397	U
SW8082A	Aroclor-1232	mg/kg	0.0424	U	0.0363	U	0.0397	U
SW8082A	Aroclor-1242	mg/kg	0.0424	U	0.0363	U	0.0397	U
SW8082A	Aroclor-1248	mg/kg	0.0424	U	0.0363	U	0.0397	U
SW8082A	Aroclor-1254	mg/kg	0.0424	U	0.0363	U	0.0397	U

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0079

		Location	SD2014-TF-H4	SD2014-TF-J4	SD2014-TF-K3			
		COC Sample	SD14TFH400FS	SD14TFJ400FS	SD14TFK300FS			
		Date Sampled	05/01/14	05/01/14	05/01/14			
		Sample Type	FS	FS	FS			
		Report Number	14E0079	14E0079	14E0079			
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual
SW8082A	Aroclor-1260	mg/kg	0.0424	U	0.0363	U	0.0397	U
SW8082A	Aroclor-1262	mg/kg	0.0424	U	0.0363	U	0.0397	U
SW8082A	Aroclor-1268	mg/kg	0.0424	U	0.0363	U	0.0397	U
SW8082A	PCB (total)	mg/kg	0.0424	U	0.0363	U	0.0397	U
SW8270D	1,2,4,5-Tetrachlorobenzene	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	1,2,4-Trichlorobenzene	mg/kg	0.423	UJ	0.363	UJ	0.397	UJ
SW8270D	1-Methylnaphthalene	mg/kg	0.423	UJ	0.363	UJ	0.397	UJ
SW8270D	2,2'-Dichlorodiisopropylether	mg/kg		R		R		R
SW8270D	2,4,5-Trichlorophenol	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	2,4,6-Trichlorophenol	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	2,4-Dichlorophenol	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	2,4-Dimethylphenol	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	2,4-Dinitrophenol	mg/kg	0.846	UJ	0.726	UJ	0.795	UJ
SW8270D	2,4-Dinitrotoluene	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	2,6-Dinitrotoluene	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	2-Chloronaphthalene	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	2-Chlorophenol	mg/kg	0.423	UJ	0.363	UJ	0.397	UJ
SW8270D	2-Methylnaphthalene	mg/kg	0.423	UJ	0.363	UJ	0.397	UJ
SW8270D	2-Methylphenol	mg/kg	0.423	UJ	0.363	UJ	0.397	UJ
SW8270D	2-Nitroaniline	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	2-Nitrophenol	mg/kg	0.423	UJ	0.363	UJ	0.397	UJ
SW8270D	3 & 4 Methylphenol	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	3,3'-Dichlorobenzidine	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	3-Nitroaniline	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	4,6-Dinitro-2-methylphenol	mg/kg	0.846	U	0.726	U	0.795	U
SW8270D	4-Bromophenyl phenyl ether	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	4-Chloro-3-methylphenol	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	4-Chloroaniline	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	4-Chlorophenyl phenyl ether	mg/kg	0.423	U	0.363	U	0.397	U

**Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0079**

			Location	SD2014-TF-H4	SD2014-TF-J4	SD2014-TF-K3		
			CDC Sample	SD14TFH400FS	SD14TFJ400FS	SD14TFK300FS		
			Date Sampled	05/01/14	05/01/14	05/01/14		
			Sample Type	FS	FS	FS		
			Report Number	14E0079	14E0079	14E0079		
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual
SW8270D	4-Nitroaniline	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	4-Nitrophenol	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	Aniline	mg/kg	0.423	UJ	0.363	UJ	0.397	UJ
SW8270D	Bis(2-Chloroethoxy)methane	mg/kg	0.423	UJ	0.363	UJ	0.397	UJ
SW8270D	Bis(2-Chloroethyl)ether	mg/kg		R		R		R
SW8270D	Bis(2-Ethylhexyl)phthalate	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	Butylbenzylphthalate	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	Carbazole	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	Di-n-butylphthalate	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	Di-n-octylphthalate	mg/kg	1.69	U	0.363	U	0.397	U
SW8270D	Dibenzofuran	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	Diethylphthalate	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	Dimethylphthalate	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	Hexachlorobenzene	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	Hexachlorobutadiene	mg/kg		R		R		R
SW8270D	Hexachlorocyclopentadiene	mg/kg		R		R		R
SW8270D	Hexachloroethane	mg/kg		R		R		R
SW8270D	Isophorone	mg/kg	0.423	UJ	0.363	UJ	0.397	UJ
SW8270D	N-Nitrosodi-n-propylamine	mg/kg	0.423	UJ	0.363	UJ	0.397	UJ
SW8270D	N-Nitrosodiphenylamine	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	Nitrobenzene	mg/kg	0.423	UJ	0.363	UJ	0.397	UJ
SW8270D	Pentachloronitrobenzene	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	Pentachlorophenol	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	Phenol	mg/kg	0.423	U	0.363	U	0.397	U
SW8270D	Pyridine	mg/kg		R		R		R
SW8270 SIM	Acenaphthene	mg/kg		R		R		R
SW8270 SIM	Acenaphthylene	mg/kg		R	0.0799	J		R
SW8270 SIM	Anthracene	mg/kg	0.761		0.189		0.155	
SW8270 SIM	Benzo(a)anthracene	mg/kg	2.11		0.396		0.369	

**Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0079**

			Location:	SD2014-TF-H4	SD2014-TF-J4	SD2014-TF-K3		
			COC Sample	SD14TFH400FS	SD14TFJ400FS	SD14TFK300FS		
			Date Sampled	05/01/14	05/01/14	05/01/14		
			Sample Type	FS	FS	FS		
			Report Number	14E0079	14E0079	14E0079		
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual
SW8270 SIM	Benzo(a)pyrene	mg/kg	1.42		0.414		0.365	
SW8270 SIM	Benzo(b)fluoranthene	mg/kg	1.67 J		0.465 J		0.373 J	
SW8270 SIM	Benzo(g,h)perylene	mg/kg	0.677		0.225		0.199	
SW8270 SIM	Benzo(k)fluoranthene	mg/kg	2.3		0.458		0.477	
SW8270 SIM	Chrysene	mg/kg	1.71		0.399		0.326	
SW8270 SIM	Di(1,2,3-cd)anthracene	mg/kg	0.423 U		0.0726 U		0.0795 U	
SW8270 SIM	Fluoranthene	mg/kg	4.06		0.741		0.896	
SW8270 SIM	Fluorene	mg/kg	0.423 UJ		0.0726 UJ		0.0795 UJ	
SW8270 SIM	Indeno(1,2,3-cd)pyrene	mg/kg	0.74		0.236		0.211	
SW8270 SIM	Naphthalene	mg/kg		R		R		R
SW8270 SIM	Phenanthrene	mg/kg	2.5		0.519		0.528	
SW8270 SIM	Pyrene	mg/kg	3.76		0.734		0.767	
SW9014/9010C	Cyanide, Total	mg/kg	0.848 U		0.726 U		0.795 U	
LYDKHN	TOTAL ORGANIC CARBON	mg/kg	15,600		14,000		9,280	

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0105

		Location	SD2014-TF-D2	SD2014-TF-D3	SD2014-TF-D4	SD2014-TF-D6	SD2014-TF-D7	SD2014-TF-E2	SD2014-TF-F2	SD2014-TF-F3
		COC Sample	SD14TFD200FS	SD14TFD300FS	SD14TFD400FS	SD14TFD600FS	SD14TFD700FS	SD14TFE200FS	SD14TFF200FS	SD14TFF300FS
		Date Sampled	04/25/14	04/29/14	04/29/14	04/25/14	04/25/14	04/25/14	04/28/14	04/25/14
		Sample Type	FS	FS	FS	FS	FS	FS	FS	FS
		Report Number	14E0105	14E0105	14E0105	14E0105	14E0105	14E0105	14E0105	14E0105
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual
E680	Decachlorobiphenyl (total)	mg/kg	0.0446	U	0.0456	U	0.0392	U	0.0461	U
E680	Dichlorobiphenyl (total)	mg/kg	0.00892	U	0.00912	U	0.00785	U	0.00922	U
E680	Heptachlorobiphenyl (total)	mg/kg	0.0268	U	0.0274	U	0.0235	U	0.0277	U
E680	Hexachlorobiphenyl (total)	mg/kg	0.0178	U	0.0182	U	0.0157	U	0.0184	U
E680	Monochlorobiphenyl (total)	mg/kg	0.00892	U	0.00912	U	0.00785	U	0.00922	U
E680	Nonachlorobiphenyl (total)	mg/kg	0.0446	U	0.0456	U	0.0392	U	0.0461	U
E680	Octachlorobiphenyl (total)	mg/kg	0.0268	U	0.0274	U	0.0235	U	0.0277	U
E680	Pentachlorobiphenyl (total)	mg/kg	0.0205		0.0182	U	0.0157	U	0.0184	U
E680	Tetrachlorobiphenyl (total)	mg/kg	0.0812		0.0182	U	0.0157	U	0.0184	U
E680	Trichlorobiphenyl (total)	mg/kg	0.0214		0.00912	U	0.00785	U	0.00922	U
SW6020A	Antimony	mg/kg	1.78	U	1.82	U	1.57	U	1.84	U
SW6020A	Arsenic	mg/kg	8.26		9.28		6.47		7.78	
SW6020A	Cadmium	mg/kg	3.22		2.71		2.08		1.01	
SW6020A	Chromium	mg/kg	285		345		192		156	
SW6020A	Copper	mg/kg	907		1,150		604		471	
SW6020A	Lead	mg/kg	92.2		119		84.7		69.2	
SW6020A	Manganese	mg/kg	346		391		306		324	
SW6020A	Nickel	mg/kg	41.2		53.1		40.1		30.4	
SW6020A	Selenium	mg/kg	2.1		2.52		1.95		2.23	
SW6020A	Silver	mg/kg	5.77		5.33		2.54		1.84	U
SW6020A	Thallium	mg/kg	1.78	U	1.82	U	1.57	U	1.84	U
SW6020A	Zinc	mg/kg	483		555		388		433	
SW7471B	Mercury	mg/kg	0.0589	U	0.0602	U	0.0518	U	0.0608	U
SW8082A	Aroclor-1016	mg/kg	0.0446	U	0.0456	UJ	0.0392	U	0.0461	U
SW8082A	Aroclor-1221	mg/kg	0.0446	U	0.0456	UJ	0.0392	U	0.0461	U
SW8082A	Aroclor-1232	mg/kg	0.0446	U	0.0456	UJ	0.0392	U	0.0461	U
SW8082A	Aroclor-1242	mg/kg	0.0446	U	0.0456	UJ	0.0392	U	0.0461	U
SW8082A	Aroclor-1248	mg/kg	0.153		0.0456	UJ	0.0392	U	0.0461	U
SW8082A	Aroclor-1254	mg/kg	0.0446	U	0.0456	UJ	0.0392	U	0.0461	U
SW8082A	Aroclor-1260	mg/kg	0.0446	U	0.0456	UJ	0.0392	U	0.0461	U
SW8082A	Aroclor-1262	mg/kg	0.0446	U	0.0456	UJ	0.0392	U	0.0461	U

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0105

Location		SD2014-TF-D2	SD2014-TF-D3	SD2014-TF-D4	SD2014-TF-D5	SD2014-TF-D7	SD2014-TF-E2	SD2014-TF-F2	SD2014-TF-F3	
COC Sample		SD14TFD200FS	SD14TFD300FS	SD14TFD400FS	SD14TFD600FS	SD14TFD700FS	SD14TFE200FS	SD14TFF200FS	SD14TFF300FS	
Date Sampled		04/25/14	04/29/14	04/29/14	04/25/14	04/25/14	04/25/14	04/28/14	04/25/14	
Sample Type		FS	FS	FS	FS	FS	FS	FS	FS	
Report Number		14E0105	14E0105	14E0105	14E0105	14E0105	14E0105	14E0105	14E0105	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8082A	Aroclor-1268	mg/kg	0.0446 U		0.0456 U		0.0443 U		0.044 U	
SW8082A	PCB (total)	mg/kg	0.153		0.1456 U		0.0443 U		0.325	
SW8270D	1,2,4,5-Tetrachlorobenzene	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	1,2,4-Trichlorobenzene	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	1-Methylnaphthalene	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	2,2'-Dichlorodisopropylether	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	2,4,5-Trichlorophenol	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	2,4,6-Trichlorophenol	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	2,4-Dichlorophenol	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	2,4-Dimethylphenol	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	2,4-Dinitrophenol	mg/kg	0.89 U		0.912 U		0.885 U		0.838 U	
SW8270D	2,4-Dinitrotoluene	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	2,6-Dinitrotoluene	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	2-Chloronaphthalene	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	2-Chlorophenol	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	2-Methylnaphthalene	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	2-Methylphenol	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	2-Nitroaniline	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	2-Nitrophenol	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	3 & 4 Methylphenol	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	3,3'-Dichlorobenzidine	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	3-Nitroaniline	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	4,6-Dinitro-2-methylphenol	mg/kg	0.89 U		0.912 U		0.885 U		0.838 U	
SW8270D	4-Bromophenyl phenyl ether	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	4-Chloro-3-methylphenol	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	4-Chloroaniline	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	4-Chlorophenyl phenyl ether	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	4-Nitroaniline	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	4-Nitrophenol	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	Aniline	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	
SW8270D	Bis(2-Chloroethoxy)methane	mg/kg	0.445 U		0.456 U		0.443 U		0.419 U	

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0105

		Location	SD2014-TF-D2	SD2014-TF-D3	SD2014-TF-D4	SD2014-TF-D6	SD2014-TF-D7	SD2014-TF-E2	SD2014-TF-F2	SD2014-TF-F3
		COC Sample	SD14TFD200FS	SD14TFD300FS	SD14TFD400FS	SD14TFD600FS	SD14TFD700FS	SD14TFE200FS	SD14TFE200FS	SD14TFE300FS
		Date Sampled	04/25/14	04/29/14	04/29/14	04/25/14	04/25/14	04/25/14	04/28/14	04/25/14
		Sample Type	FS	FS	FS	FS	FS	FS	FS	FS
		Report Number	14E0105	14E0105	14E0105	14E0105	14E0105	14E0105	14E0105	14E0105
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8270D	Bis(2-Chloroethyl)ether	mg/kg	0.445	U	0.456	U	0.392	U	0.461	U
SW8270D	Bis(2-Ethylhexyl)phthalate	mg/kg	0.445	U	0.456	U	0.392	U	0.461	U
SW8270D	Butylbenzylphthalate	mg/kg	0.445	U	0.456	U	0.392	U	0.461	U
SW8270D	Carbazole	mg/kg	0.445	U	0.456	U	0.392	U	0.461	U
SW8270D	Di-n-butylphthalate	mg/kg	0.445	U	0.456	U	0.392	U	0.461	U
SW8270D	Di-n-octylphthalate	mg/kg	0.445	U	0.456	U	0.392	U	0.461	U
SW8270D	Dibenzofuran	mg/kg	0.445	U	0.456	U	0.392	U	0.461	U
SW8270D	Diethylphthalate	mg/kg	0.445	U	0.456	U	0.392	U	0.461	U
SW8270D	Dimethylphthalate	mg/kg	0.445	U	0.456	U	0.392	U	0.461	U
SW8270D	Hexachlorobenzene	mg/kg	0.445	U	0.456	U	0.392	U	0.461	U
SW8270D	Hexachlorobutadiene	mg/kg	0.445	U	0.456	U	0.392	U	0.461	U
SW8270D	Hexachlorocyclopentadiene	mg/kg	0.445	UJ	0.456	UJ	0.392	UJ	0.461	UJ
SW8270D	Hexachloroethane	mg/kg	0.445	U	0.456	U	0.392	U	0.461	U
SW8270D	Isophorone	mg/kg	0.445	U	0.456	U	0.392	U	0.461	U
SW8270D	N-Nitrosodi-n-propylamine	mg/kg	0.445	U	0.456	U	0.392	U	0.461	U
SW8270D	N-Nitrosodiphenylamine	mg/kg	0.445	U	0.456	U	0.392	U	0.461	U
SW8270D	Nitrobenzene	mg/kg	0.445	U	0.456	U	0.392	U	0.461	U
SW8270D	Pentachloronitrobenzene	mg/kg	0.445	U	0.456	U	0.392	U	0.461	U
SW8270D	Pentachlorophenol	mg/kg	0.445	U	0.456	U	0.392	U	0.461	U
SW8270D	Phenol	mg/kg	0.445	U	0.456	U	0.392	U	0.461	U
SW8270D	Pyridine	mg/kg	0.445	UJ	0.456	UJ	0.392	UJ	0.461	UJ
SW8270 SIM	Acenaphthene	mg/kg	0.0178	U	0.0182	U	0.0392	U	0.0184	U
SW8270 SIM	Acenaphthylene	mg/kg	0.105		0.042		0.112		0.071	
SW8270 SIM	Anthracene	mg/kg	0.0828		0.0401		0.0745		0.0691	
SW8270 SIM	Benzo(a)anthracene	mg/kg	0.333		0.139		0.302		0.214	
SW8270 SIM	Benzo(a)pyrene	mg/kg	0.352		0.153		0.371		0.266	
SW8270 SIM	Benzo(b)fluoranthene	mg/kg	0.247		0.109		0.31		0.313	
SW8270 SIM	Benzo(g,h)perylene	mg/kg	0.185		0.0549		0.243		0.162	
SW8270 SIM	Benzo(k)fluoranthene	mg/kg	0.32		0.172		0.322		0.23	
SW8270 SIM	Chrysene	mg/kg	0.288		0.126		0.288		0.186	
SW8270 SIM	Dibenz(a,h)anthracene	mg/kg	0.0472		0.0228		0.053		0.0369	

**Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0105**

			SD2014-TF-D2		SD2014-TF-D3		SD2014-TF-D4		SD2014-TF-D6		SD2014-TF-D7		SD2014-TF-E2		SD2014-TF-F2		SD2014-TF-F3	
			SD14TFD200FS		SD14TFD300FS		SD14TFD400FS		SD14TFD600FS		SD14TFD700FS		SD14TFE200FS		SD14TFF200FS		SD14TFF300FS	
			04/25/14		04/29/14		04/29/14		04/25/14		04/25/14		04/25/14		04/28/14		04/25/14	
			FS		FS		FS		FS		FS		FS		FS		FS	
			14E0105		14E0105		14E0105		14E0105		14E0105		14E0105		14E0105		14E0105	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8270 SIM	Fluoranthene	mg/kg	0.459		0.198		0.473		3.319		0.513		0.517		0.262		0.637	
SW8270 SIM	Fluorene	mg/kg	3.0383		0.0201		3.0412		0.0277		0.0443		0.0419 U		3.0176		0.0375 U	
SW8270 SIM	Indeno(1,2,3-cd)pyrene	mg/kg	0.199		0.0958		0.239		0.172		0.246		0.23		0.109		0.204	
SW8270 SIM	Naphthalene	mg/kg	3.0365		0.0228		0.0431		0.0304		0.0465		0.0419 U		0.0176 U		0.0375 U	
SW8270 SIM	Phenanthrene	mg/kg	0.261		0.149		0.302		3.2		0.325		0.367		0.174		0.348	
SW8270 SIM	Pyrene	mg/kg	0.522		0.246		0.594		0.359		0.633		0.48		0.27		0.584	
SW9014/9010C	Cyanide, Total	mg/kg	0.892 U		0.912 U		0.785 U		0.922 U		0.885 U		0.838 U		0.881 U		0.749 U	
LYDKHN	TOTAL ORGANIC CARBON	mg/kg	32,900		25,300		20,500		25,700		23,900		21,400		23,300		14,000	

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0166

			SD2014-REF-01	SD2014-REF-04	SD2014-REF-06	SD2014-REF-07	SD2014-REF-09	SD2014-REF-10	SD2014-REF-11	SD2014-REF-15								
			SD14REF0100FS	SD14REF0400FS	SD14REF0600FS	SD14REF0700FS	SD14REF0900FS	SD14REF1000FS	SD14REF1100FS	SD14REF1500FS								
			05/01/14	05/01/14	05/01/14	05/01/14	05/01/14	05/01/14	05/01/14	05/01/14								
			FS	FS	FS	FS	FS	FS	FS	FS								
			14E0166	14E0166	14E0166	14E0166	14E0166	14E0166	14E0166	14E0166								
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual						
E680	Decachlorobiphenyl (total)	mg/kg	0.0385	U	0.0441	U	0.0387	U	0.0427	U	0.039	U	0.0359	U	0.0434	U	0.0429	U
E680	Dichlorobiphenyl (total)	mg/kg	0.0077	U	0.00881	U	0.00774	U	0.00855	U	0.0078	U	0.00717	U	0.00869	U	0.00857	U
E680	Heptachlorobiphenyl (total)	mg/kg	0.0231	U	0.0264	U	0.0232	U	0.0256	U	0.0234	U	0.0215	U	0.0261	U	0.0257	U
E680	Hexachlorobiphenyl (total)	mg/kg	0.0154	U	0.0176	U	0.0155	U	0.0171	U	0.0156	U	0.0143	U	0.0174	U	0.0171	U
E680	Monochlorobiphenyl (total)	mg/kg	0.0077	U	0.00881	U	0.00774	U	0.00855	U	0.0078	U	0.00717	U	0.00869	U	0.00857	U
E680	Nonachlorobiphenyl (total)	mg/kg	0.0385	U	0.0441	U	0.0387	U	0.0427	U	0.039	U	0.0359	U	0.0434	U	0.0429	U
E680	Octachlorobiphenyl (total)	mg/kg	0.0231	U	0.0264	U	0.0232	U	0.0256	U	0.0234	U	0.0215	U	0.0261	U	0.0257	U
E680	Pentachlorobiphenyl (total)	mg/kg	0.0154	U	0.0176	U	0.0155	U	0.0171	U	0.0156	U	0.0143	U	0.0174	U	0.0171	U
E680	Tetrachlorobiphenyl (total)	mg/kg	0.0154	U	0.0176	U	0.0155	U	0.0171	U	0.0156	U	0.0143	U	0.0174	U	0.0171	U
E680	Trichlorobiphenyl (total)	mg/kg	0.0077	U	0.00881	U	0.00774	U	0.00855	U	0.0078	U	0.00717	U	0.00869	U	0.00857	U
SW8082A	Aroclor-1016	mg/kg	0.0385	U	0.0441	U	0.0387	U	0.0427	U	0.039	U	0.0359	U	0.0434	UJ	0.0429	U
SW8082A	Aroclor-1221	mg/kg	0.0385	U	0.0441	U	0.0387	U	0.0427	U	0.039	U	0.0359	U	0.0434	UJ	0.0429	U
SW8082A	Aroclor-1232	mg/kg	0.0385	U	0.0441	U	0.0387	U	0.0427	U	0.039	U	0.0359	U	0.0434	UJ	0.0429	U
SW8082A	Aroclor-1242	mg/kg	0.0385	U	0.0441	U	0.0387	U	0.0427	U	0.039	U	0.0359	U	0.0434	UJ	0.0429	U
SW8082A	Aroclor-1248	mg/kg	0.0385	U	0.0441	U	0.0387	U	0.0427	U	0.039	U	0.0359	U	0.0434	UJ	0.0429	U
SW8082A	Aroclor-1254	mg/kg	0.0385	U	0.0441	U	0.0387	U	0.0427	U	0.039	U	0.0359	U	0.0434	UJ	0.0429	U
SW8082A	Aroclor-1260	mg/kg	0.0385	U	0.0441	U	0.0387	U	0.0427	U	0.039	U	0.0359	U	0.0434	UJ	0.0429	U
SW8082A	Aroclor-1262	mg/kg	0.0385	U	0.0441	U	0.0387	U	0.0427	U	0.039	U	0.0359	U	0.0434	UJ	0.0429	U
SW8082A	Aroclor-1268	mg/kg	0.0385	U	0.0441	U	0.0387	U	0.0427	U	0.039	U	0.0359	U	0.0434	UJ	0.0429	U
SW8082A	PCB (total)	mg/kg	0.0385	U	0.0441	U	0.0387	U	0.0427	U	0.039	U	0.0359	U	0.0434	UJ	0.0429	U

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0166

			SD2014-REF-19		SD2014-REF-21		SD2014-REF-23		SD2014-REF-25		SD2014-REF-26		SD2014-REF-29		SD2014-REF-U2		SD2014-REF-US003A	
			SD14REF1900FS		SD14REF2100FS		SD14REF2300FS		SD14REF2500FS		SD14REF2600FS		SD14REF2900FS		SD14REFU200FS		SD14REFUS300FS	
			05/01/14		05/01/14		05/01/14		05/01/14		05/01/14		05/01/14		05/01/14		05/01/14	
			FS		FS		FS		FS		FS		FS		FS		FS	
			14E0166		14E0166		14E0166		14E0166		14E0166		14E0166		14E0166		14E0166	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
E680	Decachlorobiphenyl (total)	mg/kg	0.0449	U	0.0396	U	0.0381	U	0.0548	U	0.0493	U	0.0407	U	0.0374	U	0.0399	U
E680	Dichlorobiphenyl (total)	mg/kg	0.00898	U	0.00792	U	0.00762	U	0.011	U	0.00986	U	0.00814	U	0.00748	U	0.00798	U
E680	Heptachlorobiphenyl (total)	mg/kg	0.0269	U	0.0238	U	0.0229	U	0.0329	U	0.0296	U	0.0244	U	0.0225	U	0.0239	U
E680	Hexachlorobiphenyl (total)	mg/kg	0.018	U	0.0158	U	0.0152	U	0.0219	U	0.0197	U	0.0163	U	0.015	U	0.016	U
E680	Monochlorobiphenyl (total)	mg/kg	0.00898	U	0.00792	U	0.00762	U	0.011	U	0.00986	U	0.00814	U	0.00748	U	0.00798	U
E680	Nonachlorobiphenyl (total)	mg/kg	0.0449	U	0.0396	U	0.0381	U	0.0548	U	0.0493	U	0.0407	U	0.0374	U	0.0399	U
E680	Octachlorobiphenyl (total)	mg/kg	0.0269	U	0.0238	U	0.0229	U	0.0329	U	0.0296	U	0.0244	U	0.0225	U	0.0239	U
E680	Pentachlorobiphenyl (total)	mg/kg	0.018	U	0.0158	U	0.0152	U	0.0219	U	0.0197	U	0.0163	U	0.015	U	0.016	U
E680	Tetrachlorobiphenyl (total)	mg/kg	0.018	U	0.0158	U	0.0152	U	0.0219	U	0.0197	U	0.0163	U	0.015	U	0.016	U
E680	Trichlorobiphenyl (total)	mg/kg	0.00898	U	0.00792	U	0.00762	U	0.011	U	0.00986	U	0.00814	U	0.00748	U	0.00798	U
SW8082A	Aroclor-1016	mg/kg	0.0449	U	0.0396	U	0.0381	UJ	0.0548	U	0.0493	U	0.0407	U	0.0374	U	0.0399	U
SW8082A	Aroclor-1221	mg/kg	0.0449	U	0.0396	U	0.0381	UJ	0.0548	U	0.0493	U	0.0407	U	0.0374	U	0.0399	U
SW8082A	Aroclor-1232	mg/kg	0.0449	U	0.0396	U	0.0381	UJ	0.0548	U	0.0493	U	0.0407	U	0.0374	U	0.0399	U
SW8082A	Aroclor-1242	mg/kg	0.0449	U	0.0396	U	0.0381	UJ	0.0548	U	0.0493	U	0.0407	U	0.0374	U	0.0399	U
SW8082A	Aroclor-1248	mg/kg	0.0449	U	0.0396	U	0.0381	UJ	0.0548	U	0.0493	U	0.0407	U	0.0374	U	0.0399	U
SW8082A	Aroclor-1254	mg/kg	0.0449	U	0.0396	U	0.0381	UJ	0.0548	U	0.0493	U	0.0407	U	0.0374	U	0.0399	U
SW8082A	Aroclor-1260	mg/kg	0.0449	U	0.0396	U	0.0381	UJ	0.0548	U	0.0493	U	0.0407	U	0.0374	U	0.0399	U
SW8082A	Aroclor-1262	mg/kg	0.0449	U	0.0396	U	0.0381	UJ	0.0548	U	0.0493	U	0.0407	U	0.0374	U	0.0399	U
SW8082A	Aroclor-1268	mg/kg	0.0449	U	0.0396	U	0.0381	UJ	0.0548	U	0.0493	U	0.0407	U	0.0374	U	0.0399	U
SW8082A	PCB (total)	mg/kg	0.0449	U	0.0396	U	0.0381	UJ	0.0548	U	0.0493	U	0.0407	U	0.0374	U	0.0399	U

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0166

		Location	SD2014-TF-E6	SD2014-TF-F6	SD2014-TF-G5	SD2014-TF-H5	SD2014-TF-K5	SD2014-TF-L3	SD2014-TF-L5						
		COC Sample	SD14TFE600FS	SD14TFF600FS	SD14TFG500FS	SD14TFH500FS	SD14TFK500FS	SD14TFL300FS	SD14TFL500FS						
		Date Sampled	05/01/14	05/01/14	05/01/14	05/01/14	05/01/14	05/01/14	05/01/14						
		Sample Type	FS	FS	FS	FS	FS	FS	FS						
		Report Number	14E0166	14E0166	14E0166	14E0166	14E0166	14E0166	14E0166						
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	
E680	Decachlorobiphenyl (total)	mg/kg	0.041 U		0.0352 U		0.042 U		0.043 U		0.0363 U		0.0502 U		0.0431 U
E680	Dichlorobiphenyl (total)	mg/kg	0.00819 U		0.00705 U		0.00841 U		0.00859 U		0.00726 U		0.01 U		0.00861 U
E680	Heptachlorobiphenyl (total)	mg/kg	0.0246 U		0.0211 U		0.0252 U		0.0258 U		0.0218 U		0.0301 U		0.0258 U
E680	Hexachlorobiphenyl (total)	mg/kg	0.0164 U		0.0141 U		0.0168 U		0.0172 U		0.0145 U		0.0201 U		0.0172 U
E680	Monochlorobiphenyl (total)	mg/kg	0.00819 U		0.00705 U		0.00841 U		0.00859 U		0.00726 U		0.01 U		0.00861 U
E680	Nonachlorobiphenyl (total)	mg/kg	0.041 U		0.0352 U		0.042 U		0.043 U		0.0363 U		0.0502 U		0.0431 U
E680	Octachlorobiphenyl (total)	mg/kg	0.0246 U		0.0211 U		0.0252 U		0.0258 U		0.0218 U		0.0301 U		0.0258 U
E680	Pentachlorobiphenyl (total)	mg/kg	0.0164 U		0.0141 U		0.0185 U		0.0172 U		0.0145 U		0.0201 U		0.0172 U
E680	Tetrachlorobiphenyl (total)	mg/kg	0.0164 U		0.0141 U		0.0168 U		0.0172 U		0.0145 U		0.0201 U		0.0172 U
E680	Trichlorobiphenyl (total)	mg/kg	0.00819 U		0.00705 U		0.00841 U		0.00859 U		0.00726 U		0.01 U		0.00861 U
SW6020A	Antimony	mg/kg	1.64 U		1.41 U		1.68 U		1.72 U		1.45 U		2.01 U		1.72 U
SW6020A	Arsenic	mg/kg	6.85		3.94		7.72		9.92		3.21		8.78		4.19
SW6020A	Cadmium	mg/kg	2.9		0.705 U		8		3.69		0.726 U		5.52		0.861 U
SW6020A	Chromium	mg/kg	210		76.4		478		668		30.7		1,230		22
SW6020A	Copper	mg/kg	741		207		980		1,800		53.5		905		14.7
SW6020A	Lead	mg/kg	107		43		115		153		14.8		108		6.56
SW6020A	Manganese	mg/kg	391		254		292		313		254		419		290
SW6020A	Nickel	mg/kg	39.1		24.5		53.2		58.3		14.6		123		16.7
SW6020A	Selenium	mg/kg	1.78		1.41 U		1.87		2.38		1.45 U		2.23		1.72 U
SW6020A	Silver	mg/kg	2.58		1.41 U		19.9		4.52		1.45 U		9.03		1.72 U
SW6020A	Thallium	mg/kg	1.64 U		1.41 U		1.68 U		1.72 U		1.45 U		2.01 U		1.72 U
SW6020A	Zinc	mg/kg	502		171		509		884		90.2		518		73.9
SW7471B	Mercury	mg/kg	0.0541 U		0.0465 U		0.0555 U		0.0567 U		0.0479 U		0.0663 U		0.0568 U
SW8082A	Aroclor-1016	mg/kg	0.041 U		0.0352 U		0.042 UJ		0.043 U		0.0363 U		0.0502 U		0.0431 UJ
SW8082A	Aroclor-1221	mg/kg	0.041 U		0.0352 U		0.042 UJ		0.043 U		0.0363 U		0.0502 U		0.0431 UJ
SW8082A	Aroclor-1232	mg/kg	0.041 U		0.0352 U		0.042 UJ		0.043 U		0.0363 U		0.0502 U		0.0431 UJ
SW8082A	Aroclor-1242	mg/kg	0.041 U		0.0352 U		0.042 UJ		0.043 U		0.0363 U		0.0502 U		0.0431 UJ
SW8082A	Aroclor-1248	mg/kg	0.041 U		0.0352 U		0.042 UJ		0.043 U		0.0363 U		0.0502 U		0.0431 UJ
SW8082A	Aroclor-1254	mg/kg	0.0591		0.0352 U		0.042 UJ		0.043 U		0.0363 U		0.0502 U		0.0431 UJ

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0166

			SD2014-TF-E6	SD2014-TF-F6	SD2014-TF-G5	SD2014-TF-H5	SD2014-TF-K5	SD2014-TF-L3	SD2014-TF-L5				
			SD14TFE600FS	SD14TFE600FS	SD14TFG500FS	SD14TFH500FS	SD14TFK500FS	SD14TFL300FS	SD14TFL500FS				
			05/01/14	05/01/14	05/01/14	05/01/14	05/01/14	05/01/14	05/01/14				
			FS	FS	FS	FS	FS	FS	FS				
			14E0166	14E0166	14E0166	14E0166	14E0166	14E0166	14E0166				
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual			
SW8082A	Aroclor-1260	mg/kg	0.041 U		0.0352 U		0.11 J		0.0363 U		0.119		0.0431 UJ
SW8082A	Aroclor-1262	mg/kg	0.18		0.0352 U		0.042 UJ		0.0363 U		0.0502 U		0.0431 UJ
SW8082A	Aroclor-1268	mg/kg	0.041 U		0.0352 U		0.042 UJ		0.0363 U		0.0502 U		0.0431 UJ
SW8082A	PCB (total)	mg/kg	0.239		0.0352 U		0.11 J		0.0363 U		0.119		0.0431 UJ
SW8270D	1,2,4,5-Tetrachlorobenzene	mg/kg	0.41 U		0.352 U		0.42 J		R		R		0.431 U
SW8270D	1,2,4-Trichlorobenzene	mg/kg	0.41 UJ		0.352 UJ		0.42 UJ		R		R		0.431 UJ
SW8270D	1-Methylnaphthalene	mg/kg	0.41 U		0.352 U		0.42 J		R		R		0.431 U
SW8270D	2,2'-Dichlorodisopropylether	mg/kg	0.41 UJ		0.352 UJ		0.42 UJ		R		R		0.431 UJ
SW8270D	2,4,5-Trichlorophenol	mg/kg	0.41 U		0.352 U		0.42 J		R		R		0.431 U
SW8270D	2,4,6-Trichlorophenol	mg/kg	0.41 U		0.352 U		0.42 J		R		R		0.431 U
SW8270D	2,4-Dichlorophenol	mg/kg	0.41 U		0.352 U		0.42 J		R		R		0.431 U
SW8270D	2,4-Dimethylphenol	mg/kg	0.41 U		0.352 U		0.42 J		R		R		0.431 U
SW8270D	2,4-Dinitrophenol	mg/kg	0.819 U		0.705 U		0.841 U		R		R		0.861 U
SW8270D	2,4-Dinitrotoluene	mg/kg	0.41 U		0.352 U		0.42 J		R		R		0.431 U
SW8270D	2,6-Dinitrotoluene	mg/kg	0.41 U		0.352 U		0.42 J		R		R		0.431 U
SW8270D	2-Chloronaphthalene	mg/kg	0.41 U		0.352 U		0.42 J		R		R		0.431 U
SW8270D	2-Chlorophenol	mg/kg	0.41 UJ		0.352 UJ		0.42 UJ		R		R		0.431 UJ
SW8270D	2-Methylnaphthalene	mg/kg	0.41 U		0.352 U		0.42 J		R		R		0.431 U
SW8270D	2-Methylphenol	mg/kg	0.41 U		0.352 U		0.42 J		R		R		0.431 U
SW8270D	2-Nitroaniline	mg/kg	0.41 U		0.352 U		0.42 J		R		R		0.431 U
SW8270D	2-Nitrophenol	mg/kg	0.41 U		0.352 U		0.42 J		R		R		0.431 U
SW8270D	3 & 4 Methylphenol	mg/kg	0.41 U		0.352 U		0.42 J		R		R		0.431 U
SW8270D	3,3'-Dichlorobenzidine	mg/kg	0.41 U		0.352 U		0.42 J		R		R		0.431 U
SW8270D	3-Nitroaniline	mg/kg	0.41 U		0.352 U		0.42 J		R		R		0.431 U
SW8270D	4,6-Dinitro-2-methylphenol	mg/kg	0.819 U		0.705 U		0.841 U		R		R		0.861 U
SW8270D	4-Bromocyclohexyl phenyl ether	mg/kg	0.41 U		0.352 U		0.42 J		R		R		0.431 U
SW8270D	4-Chloro-3-methylphenol	mg/kg	0.41 U		0.352 U		0.42 J		R		R		0.431 U
SW8270D	4-Chloroaniline	mg/kg	0.41 U		0.352 U		0.42 J		R		R		0.431 U
SW8270D	4-Chlorophenyl phenyl ether	mg/kg	0.41 U		0.352 U		0.42 J		R		R		0.431 U

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0166

			SD2014-TF-E6	SD2014-TF-F6	SD2014-TF-G5	SD2014-TF-H5	SD2014-TF-K5	SD2014-TF-L3	SD2014-TF-L5	
			SD14TFE600FS	SD14TF600FS	SD14TFG500FS	SD14TFH500FS	SD14TFK500FS	SD14TFL300FS	SD14TFL500FS	
			05/01/14	05/01/14	05/01/14	05/01/14	05/01/14	05/01/14	05/01/14	
			FS	FS	FS	FS	FS	FS	FS	
			14E0166	14E0166	14E0166	14E0166	14E0166	14E0166	14E0166	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8270D	4-Nitroaniline	mg/kg	0.41	U	0.352	U	0.42	U	R	R
SW8270D	4-Nitrophenol	mg/kg	0.41	U	0.352	U	0.42	U	R	R
SW8270D	Aniline	mg/kg	0.41	UJ	0.352	UJ	0.42	UJ	R	R
SW8270D	Bis(2-Chloroethoxy)methane	mg/kg	0.41	U	0.352	U	0.42	U	R	R
SW8270D	Bis(2-Chloroethyl)ether	mg/kg	0.41	UJ	0.352	UJ	0.42	UJ	R	R
SW8270D	Bis(2-Ethylhexyl)phthalate	mg/kg	0.41	U	0.352	U	0.42	U	R	0.593 J
SW8270D	Butylbenzylphthalate	mg/kg	0.41	U	0.352	U	0.42	U	R	R
SW8270D	Carbazole	mg/kg	0.41	U	0.352	U	0.42	U	R	R
SW8270D	Di-n-butylphthalate	mg/kg	0.41	U	0.352	U	0.42	U	R	R
SW8270D	Di-n-octylphthalate	mg/kg	0.41	U	0.352	U	0.42	U	R	R
SW8270D	Dibenzofuran	mg/kg	0.41	U	0.352	U	0.42	U	R	R
SW8270D	Diethylphthalate	mg/kg	0.41	U	0.352	U	0.42	U	R	R
SW8270D	Dimethylphthalate	mg/kg	0.41	U	0.352	U	0.42	U	R	R
SW8270D	Hexachlorobenzene	mg/kg	0.41	U	0.352	U	0.42	U	R	R
SW8270D	Hexachlorobutadiene	mg/kg	0.41	UJ	0.352	UJ	0.42	UJ	R	R
SW8270D	Hexachlorocyclopentadiene	mg/kg	R		R		R		R	R
SW8270D	Hexachloroethane	mg/kg	R		R		R		R	R
SW8270D	Isophorone	mg/kg	0.41	U	0.352	U	0.42	U	R	R
SW8270D	N-Nitrosodi-n-propylamine	mg/kg	0.41	UJ	0.352	UJ	0.42	UJ	R	R
SW8270D	N-Nitrosodiphenylamine	mg/kg	0.41	U	0.352	U	0.42	U	R	R
SW8270D	Nitrobenzene	mg/kg	0.41	UJ	0.352	UJ	0.42	UJ	R	R
SW8270D	Pentachloronitrobenzene	mg/kg	0.41	U	0.352	U	0.42	U	R	R
SW8270D	Pentachlorophenol	mg/kg	0.41	U	0.352	U	0.42	U	R	R
SW8270D	Phenol	mg/kg	0.41	U	0.352	U	0.42	U	R	R
SW8270D	Pyridine	mg/kg	R		R		R		R	R
SW8270 SIM	Acenaphthene	mg/kg	0.0963	J	0.0511	J	0.042	UJ	0.221	J
SW8270 SIM	Acenaphthylene	mg/kg	0.154	J	0.0687	J	0.0652	J	0.245	J
SW8270 SIM	Anthracene	mg/kg	0.0963		0.044		0.122		0.904	
SW8270 SIM	Benzo(a)anthracene	mg/kg	0.166		0.113		0.349		2.62	
									0.0363	UJ
									0.0502	UJ
									0.1	J
									0.216	
									0.0363	U
									0.548	

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0166

		Location	SD2014-TF-E6	SD2014-TF-F6	SD2014-TF-G5	SD2014-TF-H5	SD2014-TF-K5	SD2014-TF-L3	SD2014-TF-L5						
		COC Sample	SD14TFE600FS	SD14TFF600FS	SD14TFG500FS	SD14TFH500FS	SD14TFK500FS	SD14TFL300FS	SD14TFL500FS						
		Date Sampled	05/01/14	05/01/14	05/01/14	05/01/14	05/01/14	05/01/14	05/01/14						
		Sample Type	FS	FS	FS	FS	FS	FS	FS						
		Report Number	14E0166	14E0166	14E0166	14E0166	14E0166	14E0166	14E0166						
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	
SW8270 SIM	Benzo(a)pyrene	mg/kg	0.201		0.132		0.393		2.58		0.105		0.681		0.0431 U
SW8270 SIM	Benzo(b)fluoranthene	mg/kg	0.18		0.0881		0.17		1.46		0.0799		0.329		0.0431 U
SW8270 SIM	Benzo(ghi)perylene	mg/kg	0.137		0.0899		0.252		1.5		0.0654		0.354		0.0431 U
SW8270 SIM	Benzo(k)fluoranthene	mg/kg	0.164		0.102		0.366		2.96		0.0944		0.49		0.0431 U
SW8270 SIM	Chrysene	mg/kg	0.16		0.123		0.372		2.36		0.0908		1.05		0.0431 U
SW8270 SIM	Dibenz(a,h)anthracene	mg/kg	0.0471		0.0388		0.107		0.541		0.0363 U		0.163		0.0431 U
SW8270 SIM	Fluoranthene	mg/kg	0.266		0.201		0.669		5.97		0.169		0.955		0.0495
SW8270 SIM	Fluorene	mg/kg	0.111		0.0476		0.0631		0.292		0.0363 U		0.0779		0.0431 U
SW8270 SIM	Indeno(1,2,3-cd)pyrene	mg/kg	0.117		0.0793		0.225		1.29		0.0581		0.324		0.0431 U
SW8270 SIM	Naphthalene	mg/kg	0.0942 J		0.044 J		R		0.0859 J		R		R		R
SW8270 SIM	Phenanthrene	mg/kg	0.119		0.0899		0.229		2.66		0.0726		0.432		0.0431 U
SW8270 SIM	Pyrene	mg/kg	0.309		0.192		0.608		5.16		0.145		1.02		0.0431 U
SW9014/9016C	Cyanide, Total	mg/kg	0.819 U		0.705 U		0.841 U		0.859 U		0.726 U		1 U		0.861 U
LYDKHN	TOTAL ORGANIC CARBON	mg/kg	25,700		11,500		40,000		43,000		19,400		22,200		26,300

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0237

		Location	SD2014-TF-B3	SD2014-TF-B5	SD2014-TF-B6	SD2014-TF-C2	SD2014-TF-C3	SD2014-TF-C4	SD2014-TF-C5	SD2014-TF-C6		
		COC Sample	SD14TFB300FS	SD14TFB500FS	SD14TFB600FS	SD14TFC200FS	SD14TFC300FS	SD14TFC400FS	SD14TFC500FS	SD14TFC600FS		
		Date Sampled	04/28/14	04/25/14	04/25/14	04/25/14	04/25/14	04/25/14	04/25/14	04/25/14		
		Sample Type	FS	FS	FS	FS	FS	FS	FS	FS		
		Report Number	14E0237	14E0237	14E0237	14E0237	14E0237	14E0237	14E0237	14E0237		
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
E680	Decachlorobiphenyl (total)	mg/kg	0.0478	U	0.0402	U	0.0474	U	0.0471	U	0.0464	U
E680	Dichlorobiphenyl (total)	mg/kg	0.00956	U	0.00804	U	0.00948	U	0.00942	U	0.00927	U
E680	Heptachlorobiphenyl (total)	mg/kg	0.0287	U	0.0241	U	0.0284	U	0.0283	U	0.0278	U
E680	Hexachlorobiphenyl (total)	mg/kg	0.0191	U	0.0161	U	0.019	U	0.0188	U	0.0185	U
E680	Monochlorobiphenyl (total)	mg/kg	0.00956	U	0.00804	U	0.00948	U	0.00942	U	0.00927	U
E680	Nonachlorobiphenyl (total)	mg/kg	0.0478	U	0.0402	U	0.0474	U	0.0471	U	0.0464	U
E680	Octachlorobiphenyl (total)	mg/kg	0.0287	U	0.0241	U	0.0284	U	0.0283	U	0.0278	U
E680	Pentachlorobiphenyl (total)	mg/kg	0.0191	U	0.0161	U	0.019	U	0.0273	U	0.0185	U
E680	Tetrachlorobiphenyl (total)	mg/kg	0.0191	U	0.0161	U	0.019	U	0.105	U	0.0185	U
E680	Trichlorobiphenyl (total)	mg/kg	0.00956	U	0.00804	U	0.00948	U	0.00942	U	0.00927	U
SW6020A	Antimony	mg/kg	1.91	U	1.61	U	1.9	U	1.88	U	1.85	U
SW6020A	Arsenic	mg/kg	9.96		7.75		8.22		7.75		7.58	
SW6020A	Cadmium	mg/kg	2.12		1.54		1.46		3.42		1.56	
SW6020A	Chromium	mg/kg	277		199		163		307		150	
SW6020A	Copper	mg/kg	1,130		927		848		879		621	
SW6020A	Lead	mg/kg	122		115		114		94		88.6	
SW6020A	Manganese	mg/kg	421		321		360		350		334	
SW6020A	Nickel	mg/kg	46.4		45.1		39		39.6		31.8	
SW6020A	Selenium	mg/kg	2.18		1.61	U	2.01		2.31		1.91	
SW6020A	Silver	mg/kg	2.74		1.61	U	1.9	U	50.1		2.81	
SW6020A	Thallium	mg/kg	1.91	U	1.61	U	1.9	U	1.88	U	1.85	U
SW6020A	Zinc	mg/kg	493		436		426		467		349	
SW7471B	Mercury	mg/kg	0.0631	U	0.0531	U	0.0626	U	0.0622	U	0.0612	U
SW8082A	Aroclor-1016	mg/kg	0.0478	U	0.0402	U	0.0474	U	0.0471	U	0.0464	U
SW8082A	Aroclor-1221	mg/kg	0.0478	U	0.0402	U	0.0474	U	0.0471	U	0.0464	U
SW8082A	Aroclor-1232	mg/kg	0.0478	U	0.0402	U	0.0474	U	0.0471	U	0.0464	U
SW8082A	Aroclor-1242	mg/kg	0.0478	U	0.0402	U	0.0474	U	0.0471	U	0.0464	U
SW8082A	Aroclor-1248	mg/kg	0.0478	U	0.0402	U	0.0474	U	0.0471	U	0.0464	U
SW8082A	Aroclor-1254	mg/kg	0.0478	U	0.0402	U	0.0474	U	0.0471	U	0.0464	U
SW8082A	Aroclor-1260	mg/kg	0.0478	U	0.0402	U	0.0474	U	0.0471	U	0.0464	U
SW8082A	Aroclor-1262	mg/kg	0.0478	U	0.0402	U	0.0474	U	0.0471	U	0.0464	U

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0237

Location			SD2014-TF-S3	SD2014-TF-B5	SD2014-TF-B6	SD2014-TF-C2	SD2014-TF-C3	SD2014-TF-C4	SD2014-TF-C5	SD2014-TF-C6		
COC Sample			SD14TFB300FS	SD14TFB3500FS	SD14TFB600FS	SD14TFC200FS	SD14TFC300FS	SD14TFC400FS	SD14TFC500FS	SD14TFC600FS		
Date Sampled			04/28/14	04/25/14	04/25/14	04/25/14	04/25/14	04/25/14	04/25/14	04/25/14		
Sample Type			FS	FS	FS	FS	FS	FS	FS	FS		
Report Number			14E0237	14E0237	14E0237	14E0237	14E0237	14E0237	14E0237	14E0237		
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8082A	Aroclor-1268	mg/kg	0.0478	U	0.0462	U	0.0474	U	0.0464	U	0.0395	U
SW8082A	PCB (total)	mg/kg	0.0478	U	0.0462	U	0.0474	U	0.0464	U	0.0395	U
SW8270D	1,2,4,5-Tetrachlorobenzene	mg/kg		R		R	0.474	U	0.464	U		R
SW8270D	1,2,4-Trichlorobenzene	mg/kg		R		R	0.474	UJ	0.464	UJ		R
SW8270D	1-Methylnaphthalene	mg/kg		R		R	0.474	U	0.464	U		R
SW8270D	2,2-Dichlorodisopropylether	mg/kg		R		R	0.474	UJ	0.464	UJ		R
SW8270D	2,4,5-Trichlorophenol	mg/kg	0.478	U	0.402	UJ	0.474	U	0.464	UJ		R
SW8270D	2,4,6-Trichlorophenol	mg/kg	0.478	U	0.402	UJ	0.474	U	0.464	UJ		R
SW8270D	2,4-Dichlorophenol	mg/kg	0.478	U	0.402	UJ	0.474	U	0.464	UJ		R
SW8270D	2,4-Dimethylphenol	mg/kg	0.478	U	0.402	UJ	0.474	U	0.464	UJ		R
SW8270D	2,4-Dinitrophenol	mg/kg	0.956	U	0.864	UJ	0.948	U	0.927	UJ		R
SW8270D	2,4-Dinitrotoluene	mg/kg		R		R	0.474	U	0.464	U		R
SW8270D	2,6-Dinitrotoluene	mg/kg		R		R	0.474	U	0.464	U		R
SW8270D	2-Chloronaphthalene	mg/kg		R		R	0.474	U	0.464	U		R
SW8270D	2-Chlorophenol	mg/kg	0.478	UJ	0.462	UJ	0.474	UJ	0.464	UJ		R
SW8270D	2-Methylnaphthalene	mg/kg		R		R	0.474	U	0.464	U		R
SW8270D	2-Methylphenol	mg/kg	0.478	U	0.462	UJ	0.474	U	0.464	UJ		R
SW8270D	2-Nitroaniline	mg/kg		R		R	0.474	U	0.464	U		R
SW8270D	2-Nitrophenol	mg/kg	0.478	U	0.462	UJ	0.474	U	0.464	UJ		R
SW8270D	3 & 4 Methylphenol	mg/kg	0.478	U	0.462	UJ	0.474	U	0.464	UJ		R
SW8270D	3,3'-Dichlorobenzidine	mg/kg		R		R	0.474	U	0.464	U		R
SW8270D	3-Nitroaniline	mg/kg		R		R	0.474	U	0.464	U		R
SW8270D	4,6-Dinitro-2-methylphenol	mg/kg	0.956	U	0.864	UJ	0.948	U	0.927	UJ		R
SW8270D	4-Bromophenyl phenyl ether	mg/kg		R		R	0.474	U	0.464	U		R
SW8270D	4-Chloro-3-methylphenol	mg/kg	0.478	U	0.402	UJ	0.474	U	0.464	UJ		R
SW8270D	4-Chloroaniline	mg/kg		R		R	0.474	U	0.464	U		R
SW8270D	4-Chlorophenyl phenyl ether	mg/kg		R		R	0.474	U	0.464	U		R
SW8270D	4-Nitroaniline	mg/kg		R		R	0.474	U	0.464	U		R
SW8270D	4-Nitrophenol	mg/kg	0.478	U	0.402	UJ	0.474	U	0.464	UJ		R
SW8270D	Aniline	mg/kg		R		R	0.474	UJ	0.464	UJ		R
SW8270D	Bis(2-Chloroethoxy)methane	mg/kg		R		R	0.474	U	0.464	U		R

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0237

		Location	SD2014-TF-B3	SD2014-TF-B5	SD2014-TF-B6	SD2014-TF-C2	SD2014-TF-C3	SD2014-TF-C4	SD2014-TF-C5	SD2014-TF-C6							
		COC Sample	SD14TFB300FS	SD14TFB500FS	SD14TFB600FS	SD14TFC200FS	SD14TFC300FS	SD14TFC400FS	SD14TFC500FS	SD14TFC600FS							
		Date Sampled	04/28/14	04/25/14	04/25/14	04/25/14	04/25/14	04/25/14	04/25/14	04/25/14							
		Sample Type	FS	FS	FS	FS	FS	FS	FS	FS							
		Report Number	14E0237	14E0237	14E0237	14E0237	14E0237	14E0237	14E0237	14E0237							
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual					
SW8270D	Bis(2-Chloroethyl)ether	mg/kg		R		R	0.474 UJ		0.471 UJ		0.464 UJ		R				
SW8270D	Bis(2-Ethylhexyl)phthalate	mg/kg		R		R	0.474 U		0.471 U		0.464 U		R				
SW8270D	Butylbenzylphthalate	mg/kg		R		R	0.474 U		0.471 U		0.464 U		R				
SW8270D	Carbazole	mg/kg		R		R	0.474 U		0.471 U		0.464 U		R				
SW8270D	Di-n-butylphthalate	mg/kg		R		R	0.474 U		0.471 U		0.464 U		R				
SW8270D	Di-n-octylphthalate	mg/kg		R		R	0.474 U		0.471 U		0.464 U		R				
SW8270D	Dibenzofuran	mg/kg		R		R	0.474 U		0.471 U		0.464 U		R				
SW8270D	Diethylphthalate	mg/kg		R		R	0.474 U		0.471 U		0.464 U		R				
SW8270D	Dimethylphthalate	mg/kg		R		R	0.474 U		0.471 U		0.464 U		R				
SW8270D	Hexachlorobenzene	mg/kg		R		R	0.474 U		0.471 U		0.464 U		R				
SW8270D	Hexachlorobutadiene	mg/kg		R		R	0.474 UJ		0.471 UJ		0.464 UJ		R				
SW8270D	Hexachlorocyclopentadiene	mg/kg		R		R		R		R		R	R				
SW8270D	Hexachloroethane	mg/kg		R		R		R		R		R	R				
SW8270D	Isophorone	mg/kg		R		R	0.474 U		0.471 U		0.464 U		R				
SW8270D	N-Nitrosodi-n-propylamine	mg/kg		R		R	0.474 UJ		0.471 UJ		0.464 UJ		R				
SW8270D	N-Nitrosodiphenylamine	mg/kg		R		R	0.474 U		0.471 U		0.464 U		R				
SW8270D	Nitrobenzene	mg/kg		R		R	0.474 UJ		0.471 UJ		0.464 U		R				
SW8270D	Pentachloronitrobenzene	mg/kg		R		R	0.474 U		0.471 U		0.464 U		R				
SW8270D	Pentachlorophenol	mg/kg	0.478 U		0.402 UJ		0.474 U		0.471 U		0.464 UJ		R				
SW8270D	Phenol	mg/kg	0.478 U		0.402 UJ		0.474 U		0.471 U		0.464 U		R				
SW8270D	Pyridine	mg/kg		R		R		R		R		R	R				
SW8270 SIM	Acenaphthene	mg/kg	0.0478 UJ		0.0834 UJ		0.19 UJ		0.188 UJ		0.0464 U		0.0789 UJ		0.0837 UJ		0.0861 UJ
SW8270 SIM	Acenaphthylene	mg/kg	0.0598 J		0.121 J		0.19 UJ		0.188 UJ		0.058 J		0.134 J		0.117 J		0.116 J
SW8270 SIM	Anthracene	mg/kg	0.0574		0.133		0.19 U		0.349		0.0672		0.118		0.113		0.116
SW8270 SIM	Benzo(a)anthracene	mg/kg	0.158		0.354		0.427		0.716		0.153		0.296		0.301		0.297
SW8270 SIM	Benzo(a)pyrene	mg/kg	0.234		0.527		0.526		0.82		0.22		0.434		0.414		0.422
SW8270 SIM	Benzo(b)fluoranthene	mg/kg	0.17		0.386		0.427		0.546		0.204		0.351		0.176		0.414
SW8270 SIM	Benzo(g,h)perylene	mg/kg	0.148		0.334		0.351		0.433		0.118		0.229		0.213		0.22
SW8270 SIM	Benzo(k)fluoranthene	mg/kg	0.208		0.438		0.493		0.81		0.192		0.477		0.393		0.448
SW8270 SIM	Chrysene	mg/kg	0.179		0.394		0.493		0.744		0.172		0.335		0.322		0.327
SW8270 SIM	Dibenz(a,h)anthracene	mg/kg	0.0765		0.205		0.19 U		0.207		0.051		0.0686		0.092		0.0691

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14E0237

			SD2014-TF-B3		SD2014-TF-B5		SD2014-TF-B6		SD2014-TF-C2		SD2014-TF-C3		SD2014-TF-C4		SD2014-TF-C5		SD2014-TF-C6	
			SD14TFB300FS		SD14TFB500FS		SD14TFB600FS		SD14TFC200FS		SD14TFC300FS		SD14TFC400FS		SD14TFC500FS		SD14TFC600FS	
			04/28/14		04/25/14		04/25/14		04/25/14		04/25/14		04/25/14		04/25/14		04/25/14	
			FS		FS		FS		FS		FS		FS		FS		FS	
			14E0237		14E0237		14E0237		14E0237		14E0237		14E0237		14E0237		14E0237	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
SW8270 SIM	Fluoranthene	mg/kg	0.251		0.479		0.711		1.58		0.243		0.414		0.431		0.435	
SW8270 SIM	Fluorene	mg/kg	0.0478 U		0.0804 U		0.19 U		0.188 U		0.0464 U		0.0789 U		0.0837 U		0.0861 U	
SW8270 SIM	Indeno(1,2,3-cd)pyrene	mg/kg	0.139		0.314		0.322		0.396		0.109		0.205		0.201		0.207	
SW8270 SIM	Naphthalene	mg/kg		R		R		R		R		R		R		R		R
SW8270 SIM	Phenanthrene	mg/kg	0.1		0.177		0.265		0.951		0.095		0.174		0.163		0.151	
SW8270 SIM	Pyrene	mg/kg	0.265		0.535		0.73		1.27		0.264		0.544		0.519		0.465	
SW9014/9010C	Cyanide, Total	mg/kg	0.956 U		0.804 U		0.948 U		0.942 U		0.927 U		0.789 U		0.837 U		0.861 U	
LYDKHN	TOTAL ORGANIC CARBON	mg/kg	32,600		33,500		30,700		25,100		22,500		25,800		28,500		22,500	

Table 4
Final Results Summary
Chemist Review Summary
ABM Ferguson-Williams, SAEP
Stratford, Connecticut
14F1203

			Location		SD2014-TF-K4		SD2014-TF-L4	
			COC Sample		SD14TFK401FS		SD14TF_L401FS	
			Date Sampled		05/01/14		05/01/14	
			Sample Type		FS		FS	
			Report Number		14F1203		14F1203	
Method	Parameter Name	Units	Result	Qual	Result	Qual	Result	Qual
E680	Decachlorobiphenyl (total)	mg/kg	0.0346	U	0.0349	U	0.0349	U
E680	Dichlorobiphenyl (total)	mg/kg	0.00692	U	0.00699	U	0.00699	U
E680	Heptachlorobiphenyl (total)	mg/kg	0.0208	U	0.021	U	0.021	U
E680	Hexachlorobiphenyl (total)	mg/kg	0.0138	U	0.014	U	0.014	U
E680	Monochlorobiphenyl (total)	mg/kg	0.00692	U	0.00699	U	0.00699	U
E680	Nonachlorobiphenyl (total)	mg/kg	0.0346	U	0.0349	U	0.0349	U
E680	Octachlorobiphenyl (total)	mg/kg	0.0208	U	0.021	U	0.021	U
E680	Pentachlorobiphenyl (total)	mg/kg	0.0138	U	0.014	U	0.014	U
E680	Tetrachlorobiphenyl (total)	mg/kg	0.0138	U	0.014	U	0.014	U
E680	Trichlorobiphenyl (total)	mg/kg	0.00692	U	0.00699	U	0.00699	U
SW6020A	Antimony	mg/kg	1.38	U	1.4	U	1.4	U
SW6020A	Arsenic	mg/kg	2.84	U	3.12	U	3.12	U
SW6020A	Cadmium	mg/kg	0.692	U	0.699	U	0.699	U
SW6020A	Chromium	mg/kg	53	U	22.9	U	22.9	U
SW6020A	Copper	mg/kg	50.6	U	23	U	23	U
SW6020A	Lead	mg/kg	8.03	U	6.17	U	6.17	U
SW6020A	Manganese	mg/kg	137	U	198	U	198	U
SW6020A	Nickel	mg/kg	14.3	U	12.6	U	12.6	U
SW6020A	Selenium	mg/kg	1.38	U	1.4	U	1.4	U
SW6020A	Silver	mg/kg	1.38	U	1.4	U	1.4	U
SW6020A	Thallium	mg/kg	1.38	U	1.4	U	1.4	U
SW6020A	Zinc	mg/kg	53.9	U	47.1	U	47.1	U
SW7471B	Mercury	mg/kg		R		R		R
SW8082A	Aroclor-1016	mg/kg	0.0346	U	0.0349	U	0.0349	U
SW8082A	Aroclor-1221	mg/kg	0.0346	U	0.0349	U	0.0349	U
SW8082A	Aroclor-1232	mg/kg	0.0346	U	0.0349	U	0.0349	U
SW8082A	Aroclor-1242	mg/kg	0.0346	U	0.0349	U	0.0349	U
SW8082A	Aroclor-1248	mg/kg	0.0346	U	0.0349	U	0.0349	U
SW8082A	Aroclor-1254	mg/kg	0.0346	U	0.0349	U	0.0349	U
SW8082A	Aroclor-1260	mg/kg	0.0346	U	0.0349	U	0.0349	U
SW8082A	Aroclor-1262	mg/kg	0.0346	U	0.0349	U	0.0349	U
SW8082A	Aroclor-1268	mg/kg	0.0346	U	0.0349	U	0.0349	U
SW8082A	PCB (total)	mg/kg	0.0346	U	0.0349	U	0.0349	U

C-2

2014 1-2 FOOT SEDIMENT SAMPLE CHEMIST REVIEW SUMMARY

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut
14H0014, 14H0026, 14H0031, 14H0038, 14H0043, 14H0121, 14I0271, and 14I0864

1.0 INTRODUCTION

Ninety sediment samples were collected in April 2014 and May 2014 at SAEP located in Stratford, Connecticut. Samples were analyzed by YORK Analytical Laboratories, Inc (YORK) of Stratford, Connecticut. The following U.S. Environmental Protection Agency (USEPA) analytical methods (USEPA, 1996a) were performed:

- Semivolatile Organic Compounds (SVOCs) by USEPA Method 8270D
- Polynuclear Aromatic Hydrocarbons (PAHs) by USEPA Method 8270 Selective Ion Monitoring (SIM)
- Polychlorinated Biphenyls (PCBs) by USEPA Method 8082A
- PCBs Homologs by Modified EPA Method 680
- Metals by USEPA Methods 6020A
- Total Organic Carbon (TOC) by Method Lloyd Kahn
- Total Cyanide by USEPA Methods 9014/9010C

A chemist review was completed for all analyses to evaluate data quality in support of the Connecticut Department of Energy and Environmental Protection Recommended Reasonable Confidence Protocols (RCPs) [CTDEEP, 2010a; CTDEEP, 2010b]. Samples included in this data evaluation are presented in Table 1. Data quality evaluations were completed using quality control (QC) limits specified by the CTDEEP RCPs and the subcontract laboratory presented in Table 2. If data quality issues were identified during the review, results were qualified in the final data set and interpretations on data biases provided. Data qualifications were completed using the professional judgment of the validation chemist and general procedures specified in Region I EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (USEPA, 1996b).

Data qualifications were completed if necessary in accordance with the guidelines or the professional judgment of the project chemist using the following qualifiers:

- J = The reported concentration is considered an estimated value
- U = The target compound was not detected above the reporting limit (RL)
- UJ = The target compound was not detected and the RL is considered to be estimated
- R = The reported value is rejected and considered to be unusable

Validation reason codes were applied to results associated with QC measurements outside project QC goals. The validation qualification actions and associated validation reason codes applied to sample results are summarized on Table 3. The following data validation reason codes were applied to one or more sample results:

- FD = Field duplicate relative percent difference (RPD) limit exceeded
- HT = Holding time exceeded
- LCS-H = Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) recovery high
- LCS-L = LCS/LCSD recovery low
- LCS-RPD = LCS/LCSD RPD limit exceeded
- MS-H = Matrix Spike/Matrix Spike Duplicate (MS/MSD) recovery high

MS-L = MS/MSD recovery low
MS-RPD = MS/MSD RPD limit exceeded
PM = Percent moisture exceeds EPA guideline
SS-L = Surrogate recovery low

A complete summary of final sample results is provided in Table 4.

Data were evaluated based on the following parameters where applicable:

- Sample Collection and Preservation
- Data Completeness
- Holding Times
- Surrogate Recoveries
- * Blank Contamination
- Field Duplicates
- LCS/LCSD
- MS/MSD
- * Reporting Limits (RLs)
- Data Package Narrative Review

* - all criteria were met for this parameter

In addition to the above QC evaluations performed as part of the chemist review, any issues with instrument calibration and target compound quantitation noted in the lab data package narratives are summarized in this report. A review of these QC parameters is outside the scope of the chemist review and data qualifiers are not applied for these issues.

A subset of samples was analyzed at dilution due to high target compound concentrations and/or matrix interference. Reporting limits for non-detect results are elevated.

All samples were collected in April 2014 and May 2014, were frozen with 48 hours of collection, and were placed on hold at the laboratory. Samples were taken off hold and analyzed in August 2014. Freezing of the samples allowed for extended holding times for up to one year for SVOCs, PAHS, PCBs, and PCB homologs. Metals samples remained with the 6 month holding time. There are no guidelines that extend the holding times for total cyanide or TOC analyses by freezing.

With the exception of the following items discussed below, results were determined to be usable as reported by the laboratory.

2.0 SVOCs

Sample Collection and Preservation

14H0038 – The percent solids was less than 30 in sample SD14OF80901FS (29). All SVOCs in sample SD14OF80901FS were reported as not detected and were qualified as rejected (R).

Data Completeness

14I0271 – Due to a laboratory error, SVOC samples SD14TFK401FS and SD14TFL401FS were not analyzed.

Surrogate Recoveries

14H0121 – Surrogates associated with base-neutral compounds had recoveries that were less than the lower QC limit of 30 in samples SD14TFZA6701FS (25/26), SD14TFB401FS (27/24), SD14TFA401FS (22/18), and SD14OF81401FS (29/29), which may indicate low bias. All base-neutral compounds in samples SD14TFZA6701FS, SD14TFB401FS, SD14TFA401FS, and SD14OF81401FS were reported as not detected and reporting limits were qualified as estimated (UJ).

Field Duplicate

14H0038 – The RPD between sample SD14OF80201FS and its field duplicate SD14OF80201FD was greater than the QC limit of 50 for bis(2-ethylhexyl)phthalate (200). Results for bis(2-ethylhexyl)phthalate in samples SD14OF80201FS and SD14OF80201FD were qualified as estimated (J/UJ).

LCS/LCSD

14H0014 – The LCS associated with all samples had percent recoveries less than the lower QC limit of 40 for aniline (34), 4-chloroaniline (34), hexachlorobenzene (38), hexachlorocyclopentadiene (21), and isophorone (39), and percent recoveries less than the lower QC limit of 30 for 2,4-dinitrophenol (26) and 4-nitrophenol (24), which may indicate low bias. Aniline, 4-chloroaniline, hexachlorobenzene, hexachlorocyclopentadiene, isophorone, 2,4-dinitrophenol, and 4-nitrophenol were reported as not detected in all associated samples and reporting limits were qualified as estimated (UJ). Some compounds in samples SD14TFDE001FS and SD14TFDE001FD were rejected due to low MS/MSD recoveries.

14H0026 – The LCS associated with all samples had percent recoveries less than the lower QC limit of 40 for hexachlorocyclopentadiene (18), and percent recoveries less than the lower QC limit of 30 for 2,4-dinitrophenol (27), which may indicate low bias. Hexachlorocyclopentadiene and 2,4-dinitrophenol were reported as not detected in all associated samples and reporting limits were qualified as estimated (UJ). Hexachlorocyclopentadiene and 2,4-dinitrophenol were subsequently rejected in samples SD14TFA501FS and SD14TFA501FD due to low MS/MSD recovery.

14H0031 – The LCS associated with all samples had a percent recovery less than the lower QC limit of 40 for hexachlorocyclopentadiene (33), which may indicate low bias. Hexachlorocyclopentadiene was reported as not detected in all associated samples and reporting limits were qualified as estimated (UJ).

14H0038 – The LCS associated with all samples had a percent recovery less than the lower QC limit of 40 for hexachlorocyclopentadiene (29), which may indicate low bias. Hexachlorocyclopentadiene was reported as not detected in all associated samples and reporting limits were qualified as estimated (UJ). All SVOCs in sample SD14OF80901FS were qualified as rejected (R) due to low percent solids. Hexachlorocyclopentadiene in samples SD14OF80201FS and SD14OF80201FD was rejected due to low MS/MSD recoveries.

14H0043 – The LCS associated with samples SD14TFC101FS and SD14TFF501FS had a percent recovery less than the lower QC limit of 40 for hexachlorocyclopentadiene (18) and had a percent recovery less than the lower QC limit of 30 for 2,4-dinitrophenol (27), which may indicate low bias. Hexachlorocyclopentadiene and 2,4-dinitrophenol were reported as not detected in samples SD14TFC101FS and SD14TFF501FS and reporting limits were qualified as estimated (UJ).

14H0043 – The LCS associated with a subset of samples had percent recoveries less than the lower QC limit of 40 for benzyl butyl phthalate (34), 4-chloroaniline (36), bis(2-ethylhexyl)phthalate (39), and hexachlorocyclopentadiene (10) and had a percent recovery less than the lower QC limit of 30 for 2,4-dinitrophenol (25), which may indicate low bias. Benzyl butyl phthalate, 4-chloroaniline, bis(2-ethylhexyl)phthalate, hexachlorocyclopentadiene, and 2,4-dinitrophenol were reported as not detected in associated samples SD14TFF401FS, SD14TFE401FS, SD14TFE501FS, SD14TFE301FS, SD14TFD501FS, SD14TFH301FS, SD14TFK301FS, SD14TFJ401FS, and SD14TFH401FS, and reporting limits were qualified as estimated (UJ). 2,4-Dinitrophenol in sample SD14TFE501FS was rejected due to low MS/MSD recoveries.

14H0121 – The LCS associated with all samples had percent recoveries less than the lower QC limit of 40 for benzyl butyl phthalate (34), 4-chloroaniline (36), bis(2-ethylhexyl)phthalate (39), and hexachlorocyclopentadiene (10) and had a percent recovery less than the lower QC limit of 30 for 2,4-dinitrophenol (25), which may indicate low bias. Benzyl butyl phthalate, 4-chloroaniline, bis(2-ethylhexyl)phthalate, hexachlorocyclopentadiene, and 2,4-dinitrophenol were reported as not detected in all associated samples and reporting limits were qualified as estimated (UJ).

14I0864 – The LCS associated with all samples had a percent recovery less than the lower QC limit of 40 for pyridine (38), which may indicate low bias. Pyridine was reported as not detected in all associated samples and reporting limits were qualified as estimated (UJ).

MS/MSD

14H0014 – The MS/MSD associated with sample SD14TFDE001FS and its field duplicate SD14TFDE001FD had several percent recoveries of zero for some base-neutral compounds and acid compounds, and a percent recovery less than the QC limit of 30 for phenol (29), which may indicate low bias. All compounds in samples SD14TFDE001FS and SD14TFDE001FD were reported as not detected. Compounds reported as not detected in samples SD14TFDE001FS and SD14TFDE001FD with percent recoveries less than 10 were qualified as rejected (R). Phenol was reported as not detected in samples SD14TFDE001FS and SD14TFDE001FD (UJ) and was qualified as estimated (UJ).

14H0026 – The MS/MSD associated with sample SD14TFA501FS and its field duplicate SD14TFA501FD had percent recoveries less than the lower QC limit of 40 for base-neutral compounds hexachlorocyclopentadiene (0/0) and hexachloroethane (8/9), and percent recoveries less than the lower QC limit of 30 for acid compounds 4,6-dinitro-2-methylphenol (0/0), 2,4-dinitrophenol (0/0), 4-nitrophenol (19/15), and pentachlorophenol (19/11), which may indicate low bias, and a RPD greater than the QC limit of 30 for pentachlorophenol (54). Hexachlorocyclopentadiene, hexachloroethane, 4,6-dinitro-2-methylphenol, and 2,4-dinitrophenol were reported as not detected in samples SD14TFA501FS and SD14TFA501FD and were qualified as rejected (R). 4-Nitrophenol and pentachlorophenol were reported as not detected in samples SD14TFA501FS and SD14TFA501FD and reporting limits were qualified as qualified as estimated (UJ).

14H0031 – The MS/MSD associated with sample SD14TFB101FS and its field duplicate SD14TFB101FD had percent recoveries less than the lower QC limit of 40 for base-neutral compounds di-n-octyl phthalate (37), bis(2-ethylhexyl)phthalate (35), hexachlorocyclopentadiene (10/10), hexachloroethane (19/16), and hexachlorobenzene (38), which may indicate low bias. Di-n-octyl phthalate, bis(2-ethylhexyl)phthalate, hexachlorocyclopentadiene, hexachloroethane, and hexachlorobenzene were reported as not detected in samples SD14TFB101FS and SD14TFB101FD and reporting limits were qualified as estimated (UJ).

14H0038 – The MS/MSD associated with sample SD14OF80201FS and its field duplicate SD14OF80201FD had percent recoveries less than the lower QC limit of 40 for base-neutral compounds hexachlorocyclopentadiene (0/0), hexachloroethane (0/0), pentachloronitrobenzene (0/0), and pyridine (36/37) and percent recoveries less than the lower QC limit of 30 for acid compounds 4,6-dinitro-2-methylphenol (0/0), 2,4-dinitrophenol (0/0), 2-nitrophenol (23/26), 4-nitrophenol (0/0), and pentachlorophenol (0/0), which may indicate low bias, and a RPD greater than the QC limit of 30 for hexachlorobenzene (32). Hexachlorocyclopentadiene, hexachloroethane, pentachloronitrobenzene, 4,6-dinitro-2-methylphenol, 2,4-dinitrophenol, 4-nitrophenol, and pentachlorophenol were reported as not detected in samples SD14OF80201FS and SD14OF80201FD and were qualified as rejected (R). Hexachlorobenzene pyridine, and 2-nitrophenol were reported as not detected in samples SD14OF80201FS and SD14OF80201FD and reporting limits were qualified as estimated (UJ).

14H0043 – The MS/MSD associated with sample SD14TFE501FS had percent recoveries less than the lower QC limit of 40 for base-neutral compounds hexachlorocyclopentadiene (12/13) and hexachloroethane (39.5) and percent recoveries less than the lower QC limit of 30 for acid compound 2,4-dinitrophenol (0/26), which may indicate low bias, and RPDs greater than the QC limit of 30 for bis(2-chloroethyl)ether (31), hexachloroethane (38), and pyridine (41). 2,4-Dinitrophenol was reported as not detected in sample SD14TFE501FS and was qualified as rejected (R). Hexachlorocyclopentadiene, hexachloroethane, bis(2-chloroethyl)ether, 2,4-dinitrophenol, and pyridine were reported as not detected in sample SD14TFE501FS and reporting limits were qualified as estimated (UJ).

Data Package Narrative Review

14H0014 – The case narrative noted that the continuing calibration associated with a subset of samples analyzed at 1X had percent differences of 33 for N-nitroso-di-n-propylamine, 53 for 2,4-dinitrophenol, and 39 for hexachlorobenzene.

14H0014 – The case narrative noted that the continuing calibration associated with a subset of samples analyzed at 4X had percent differences of 44 for 4-chloroaniline, 34 for hexachlorocyclopentadiene, 44 for 2,4-dinitrophenol, 34 for hexachlorobenzene, 30 for butyl benzyl phthalate, and 33 for bis(2-ethylhexyl)phthalate.

14H0026 – The case narrative noted that the continuing calibration associated with a subset of samples had percent differences of -45 for bis(2-chloroisopropyl)ether, 41 for hexachlorocyclopentadiene, 88 for 2,4-dinitrophenol, 69 for 4,6-dinitro-2-methylphenol, and 31 for butyl benzyl phthalate.

14H0026 – The case narrative noted that the continuing calibration associated with a subset of samples had percent differences of -56 for bis(2-chloroisopropyl)ether, 43 for hexachlorocyclopentadiene, 40 for 2,4-dinitrophenol, 45 for 4-nitrophenol, and 32 for hexachlorobenzene.

14H0026 – The case narrative noted that internal standards chrysene-d12 and perylene-d12 were outside the acceptance criteria in samples SD14OF80701FS, SD14OF80101FS, and SD14OF80401FS.

14H0031 – The case narrative noted that the continuing calibration associated with a subset of samples analyzed at 1X had percent differences of -46 for 2,4-dichlorophenol, -55 for 1,2,4-trichlorobenzene, -62 for hexachlorobutadiene, -38 for 1,2,4,5-tetrachlorobenzene, 45 for hexachlorocyclopentadiene, 45 for 2,4-dinitrophenol, -33 for 4-bromophenyl phenyl ether, -36 for pentachlorophenol, 32 for butyl benzyl phthalate, and 35 for bis(2-ethylhexyl)phthalate.

14H0031 – The case narrative noted that the continuing calibration associated with sample SD14TFB101FS analyzed at 4X had percent differences of -42 for bis(2-chloroisopropyl ether), 46 for 4-chloroaniline, 64 for hexachlorocyclopentadiene, 47 for 2,4-dinitrophenol, 32 for butyl benzyl phthalate, and 38 for 3,3'-dichlorobenzidine.

14H0031 – The case narrative noted that the continuing calibration associated with a subset of samples analyzed at 1X had percent differences of -40 for 2,4-dichlorophenol, -41 for 1,2,4-trichlorobenzene, -53 for hexachlorobutadiene, 37 for hexachlorocyclopentadiene, 42 for hexachlorobenzene, 35 for butyl benzyl phthalate, and 42 for bis(2-ethylhexyl)phthalate.

14H0038 – The case narrative noted that the continuing calibration associated with a subset of samples analyzed at 4X had percent differences of -52 for bis(2-chloroisopropyl ether), 52 for hexachlorocyclopentadiene, 68 for 2,4-dinitrophenol, 42 for 4,6-dinitro-2-methylphenol, and 31 for bis(2-ethylhexyl)phthalate.

14H0038 – The case narrative noted that the continuing calibration associated with all samples analyzed at 1X had percent differences of -52 for bis(2-chloroisopropyl ether), 66 for 2,4-dinitrophenol, 42 for 4,6-dinitro-2-methylphenol, 31 for bis(2-ethylhexyl)phthalate.

14H0038 – The case narrative noted that internal standards chrysene-d12 and perylene-d12 were outside the acceptance criteria in samples SD14OF80201FD, SD14OF80501FS, and SD14OF80601FS.

14H0043 – The case narrative noted that the continuing calibration associated with a subset of samples analyzed at 1X had percent differences of -47 for bis(2-chloroisopropyl ether), 41 for 4-chloroaniline, 31 for hexachlorobenzene, 31 for butyl benzyl phthalate, and 32 for 3,3'-dichlorobenzidine.

14H0043 – The case narrative noted that the continuing calibration associated with a subset of samples analyzed at 1X had percent differences of -66 for bis(2-chloroisopropyl ether), 36 for hexachlorocyclopentadiene, 61 for 2,4-dinitrophenol, and 30.4 for bis(2-ethylhexyl)phthalate.

14H0043 – The case narrative noted that internal standard perylene-d12 were outside the acceptance criteria in sample SD14TFC101FS.

14H0121 – The case narrative noted that the continuing calibration associated with a subset of samples analyzed at 1X had percent differences of -66 for bis(2-chloroisopropyl ether), 36 for hexachlorocyclopentadiene, 61 for 2,4-dinitrophenol, and 30.4 for bis(2-ethylhexyl)phthalate.

14I0864 – The case narrative noted that the continuing calibration associated with all samples had a percent difference of 73 for pyridine.

3.0 PAHs

Sample Collection and Preservation

14H0038 – The percent solids was less than 30 in sample SD14OF80901FS (29). PAHs reported as not detected in sample SD14OF80901FS were qualified as rejected (R). PAH detections in sample SD14OF80901FS were qualified estimated (J).

Data Completeness

14I0271 – Due to a laboratory error, PAH samples SD14TFK401FS and SD14TFL401FS were not analyzed.

Field Duplicates

14H0026 – RPDs between sample SD14TFA501FS and its field duplicate SD14TFA501FD were greater than the QC limit of 50 for acenaphthylene (200), benzo(b)fluoranthene (77), and phenanthrene (84). Results for acenaphthylene, benzo(a)anthracene, and phenanthrene in samples SD14TFA501FS and SD14TFA501FD were qualified as estimated (J/UJ).

14H0031 – RPDs between sample SD14TFB101FS and its field duplicate SD14TFB101FD were greater than the QC limit of 50 for all PAHs, except naphthalene. All PAHs, except naphthalene, in samples SD14TFB101FS and SD14TFB101FD were qualified as estimated (J/UJ).

14H0038 – RPDs between sample SD14OF80201FS and its field duplicate SD14OF80201FD were greater than the QC limit of 50 for benzo(b)fluoranthene (64) and dibenz(a,h)anthracene (200). Results for benzo(b)fluoranthene and dibenz(a,h)anthracene in samples SD14OF80201FS and SD14OF80201FD were qualified as estimated (J/UJ).

LCS/LCSD

14H0043 – The LCS/LCSD associated with a subset of samples had a RPD greater than the laboratory QC limit of 30 for naphthalene (60). Naphthalene was reported as not detected in associated samples SD14TFF401FS, SD14TFE401FS, SD14TFE501FS, SD14TFE301FS, SD14TFD501FS, SD14TFH301FS, SD14TFK301FS, SD14TFJ401FS, and SD14TFH401FS and reporting limits were qualified as estimated (UJ).

14H0121 – The LCS/LCSD associated with all samples had a RPD greater than the laboratory QC limit of 30 for naphthalene (60). Naphthalene was reported as not detected in all associated samples and reporting limits were qualified as estimated (UJ).

Data Package Narrative Review

14H0031 – The case narrative noted that the continuing calibration associated with a subset of samples had a percent difference of 35 for dibenz(a,h)anthracene.

4.0 PCBs

Sample Collection and Preservation

14H0038 – The percent solids was less than 30 in sample SD14OF80901FS (29). All PCBs in sample SD14OF80901FS were reported as not detected and were qualified as rejected (R).

Data Completeness

14I0271 – Due to a laboratory error, PCB samples SD14TFK401FS and SD14TFL401FS were not analyzed.

Surrogate Recoveries

14H0026 – Surrogate recoveries were less than the lower QC limit of 30 in samples SD14TFZA5601FS (23/17), SD14TFZA4501FS (20/15), SD14TFB701FS (17/14), SD14TFA501FS (19), SD14TFA501FD (28/18), SD14TFA601FS (18/17), SD14TFC701FS (23), SD14TFK201FS (17), SD14OF81201FS (19), SD14OF81101FS (28), SD14OF80801FS (21), SD14OF80701FS (23), SD14OF80101FS (27), SD14OF80301FS (25/19), and SD14OF80401FS (23), which may indicate low bias. All aroclors in all samples were reported as not detected, with the exception of aroclor 1254 and aroclor 1260 in samples SD14OF80101FS and SD14OF80701FS and reporting limits were qualified as estimated (UJ). The detections of aroclor 1254 and aroclor 1260 in samples SD14OF80101FS and SD14OF80701FS were qualified as estimated (J).

14H0031 – A surrogate recovery was less than the lower QC limit of 30 in sample SD14TFD401FS (28), which may indicate low bias. All aroclors in sample SD14TFD401FS were reported as not detected and reporting limits were qualified as estimated (UJ).

14H0038 – Surrogate recoveries were less than the lower QC limit of 30 in samples SD14OF80201FD (27), SD14OF80901FS (15/17), SD14TFJ201FS (18/14), SD14TFJ301FS (19/15), SD14TFJ501FS (24/19), SD14TFG301FS (23/13), SD14TFG201FS (15/9), SD14TFG101FS (27/21), SD14TFF101FS (21/15), and SD14TFA201FS (18/13), which may indicate low bias. All aroclors were reported as not detected in samples and reporting limits were qualified as estimated (UJ), with the exception of sample SD14TFG201FS. All aroclors were reported as not detected in sample SD14TFG201FS and were qualified as rejected (R). All PCBs in sample SD14OF80901FS were qualified as rejected (R) due to low percent solids.

14H0043 – Surrogate recoveries were less than the lower QC limit of 30 in samples SD14TFE301FS (27/24) and SD14TFK301FS (23), which may indicate low bias. All aroclors were reported as not detected in these samples and reporting limits were qualified as estimated (UJ).

14H0121 – Surrogate recoveries were less than the lower QC limit of 30 in samples SD14TFE101FS (19), SD14TFA301FS (28/21), SD14TFZA6701FS (20/20), SD14TFA401FS (19/15), SD14OF81701FS (26/21), SD14OF81601FS (23/16), SD14OF81401FS (22), and SD14OF81901FS (23), which may indicate low bias. All aroclors were reported as not detected in all samples, except aroclor 1268 in sample SD14OF81901FS, and reporting limits were qualified as estimated (UJ). The detection of aroclor 1268 in sample SD14OF81901FS was qualified as estimated (J).

Field Duplicate

14H0031 – The RPD between sample SD14TFB101FS and its field duplicate SD14TFB101FD was greater than the QC limit of 50 for aroclor 1248 (200). Results for aroclor 1248 in samples SD14TFB101FS and SD14TFB101FD were qualified as estimated (J/UJ).

LCS/LCSD

14H0121 – The LCS/LCSD associated with all samples had RPDs greater than the QC limit of 25 for aroclor 1016 (33) and aroclor 1260 (36). All aroclors were reported as not detected in all samples, except aroclor 1268 in sample SD14OF81901FS, and reporting limits were qualified as estimated (UJ). The detection of aroclor 1268 in sample SD14OF81901FS was qualified as estimated (J).

MS/MSD

14H0026 – The MSD associated with sample SD14TFA501FS and its field duplicate SD14TFA501FD had percent recoveries less than the lower QC limit of 40 for aroclor 1016 (23) and 1260 (19), which may indicate low bias, and RPDs greater than the QC limit of 50 for 1016 (74) and 1260 (75). All aroclors in samples SD14TFA501FS and SD14TFA501FD were reported as not detected and reporting limits were qualified as estimated (UJ).

14H0038 – The MSD associated with sample SD14OF80201FS and its field duplicate SD14OF80201FD had a percent recovery less than the lower QC limit of 40 for 1260 (34), which may indicate low bias. All aroclors in samples SD14OF80201FS and SD14OF80201FD were reported as not detected and reporting limits were qualified as estimated (UJ).

5.0 PCB Homologs

Sample Collection and Preservation

14H0038 – The percent solids was less than 30 in sample SD14OF80901FS (29). All PCBs in sample SD14OF80901FS were reported as not detected and were qualified as rejected (R).

Data Completeness

14I0271 – Due to a laboratory error, PCB homolog samples SD14TFK401FS and SD14TFL401FS were not analyzed.

Field Duplicate

14H0014 – RPDs between sample SD14TFDE001FS and its field duplicate SD14TFDE001FD were greater than the QC limit of 50 for trichlorobiphenyls (180), tetrachlorobiphenyls (150), pentachlorobiphenyls (140), hexachlorobiphenyls (200), and heptachlorobiphenyls (200). Results for trichlorobiphenyls, tetrachlorobiphenyls, pentachlorobiphenyls, hexachlorobiphenyls, and heptachlorobiphenyls in samples SD14TFDE001FS and SD14TFDE001FD were qualified as estimated (J/UJ).

14H0031– The RPD between sample SD14TFB101FS and its field duplicate SD14TFB101FD was greater than the QC limit of 50 for heptachlorobiphenyls (200). Results for heptachlorobiphenyls in samples SD14TFB101FS and SD14TFB101FD were qualified as estimated (J/UJ).

MS/MSD

14H0014 – The MS/MSD associated with sample SD14TFDE001FS and its field duplicate SD14TFDE001FD had percent recoveries greater than the upper QC limit of 115 for trichlorobiphenyls (721/520), tetrachlorobiphenyls (509/281), pentachlorobiphenyls (668/423), hexachlorobiphenyls (158), and heptachlorobiphenyls (179/195), which may indicate high bias, and RPDs outside the QC limit of 35 for dichlorobiphenyls (45), tetrachlorobiphenyls (48), pentachlorobiphenyls (35.3), hexachlorobiphenyls (48), and octachlorobiphenyls (35.6). Trichlorobiphenyls, tetrachlorobiphenyls, pentachlorobiphenyls, hexachlorobiphenyls, heptachlorobiphenyls, dichlorobiphenyls, and octachlorobiphenyls results in samples SD14TFDE001FS and SD14TFDE001FD were qualified as estimated (J/UJ).

14H0026 – The MS/MSD associated with sample SD14TFA501FS and its field duplicate SD14TFA501FD had RPDs outside the QC limit of 35 for pentachlorobiphenyls (45), hexachlorobiphenyls (36), and octachlorobiphenyls (45). Pentachlorobiphenyls, hexachlorobiphenyls, and octachlorobiphenyls

were reported as not detected in samples SD14TFA501FS and SD14TFA501FD and reporting limits were qualified as estimated (UJ).

14H0031 – The MS/MSD associated with sample SD14TFB101FS and its field duplicate SD14TFB101FD did not report percent recoveries for tetrachlorobiphenyls and had percent recoveries greater than the QC limit of 115 for pentachlorobiphenyls (154/165). Detections of tetrachlorobiphenyls and pentachlorobiphenyls in samples SD14TFB101FS and SD14TFB101FD were qualified as estimated (J).

6.0 METALS

Sample Collection and Preservation

14H0038 – The percent solids was less than 30 in sample SD14OF80901FS (29). Metals reported as not detected in sample SD14OF80901FS were qualified as rejected (R). Metals detections in sample SD14OF80901FS were qualified estimated (J).

Field Duplicates

14H0026 – RPDs between sample SD14TFA501FS and its field duplicate SD14TFA501FD were greater than the QC limit of 50 for chromium (82), copper (100), and zinc (82). Based on professional judgment, detections of chromium, copper, and zinc in samples SD14TFA501FS and SD14TFA501FD only were qualified as estimated (J).

14H0031 – RPDs between sample SD14TFB101FS and its field duplicate SD14TFB101FD were greater than the QC limit of 50 for chromium (52), copper (80), lead (53), manganese (77), silver (56), and zinc (69). Based on professional judgment, detections of chromium, copper, lead, manganese, silver, and zinc in samples SD14TFB101FS and SD14TFB101FD only were qualified as estimated (J).

14H0038 – RPDs between sample SD14OF80201FS and its field duplicate SD14OF80201FD were greater than the QC limit of 50 for arsenic (120), chromium (150), copper (140), lead (100), manganese (77), nickel (130), and zinc (110). Based on professional judgment, detections of arsenic, chromium, copper, lead, manganese, nickel, and zinc in samples SD14OF80201FS and SD14OF80201FD only were qualified as estimated (J).

LCS/LCSD

14H0031 – The LCS associated with all samples had a percent recovery less than the lower QC limit of 80 for zinc (79), which may indicate low bias. Zinc was detected in all associated samples and results were qualified as estimated (J).

14H0043 – The LCS associated with all samples had a percent recovery greater than the upper QC limit of 120 for antimony (147), which may indicate high bias. The antimony detection in associated sample SD14TFF501FS was qualified as estimated (J).

7.0 TOC

Sample Collection and Preservation

14H0038 – The percent solids was less than 30 in sample SD14OF80901FS (29). The TOC detection in sample SD14OF80901FS was qualified as estimated (J).

Data Completeness

14I0271 – Due to a laboratory error, TOC samples SD14TFK401FS and SD14TFL401FS were not analyzed.

Holding Times

All samples were collected in April 2014 and May 2014, were frozen with 48 hours of collection, and were placed on hold at the laboratory. Samples were taken off hold and analyzed in August 2014. There are no guidelines that extend the holding time for TOC analysis by freezing. TOC was reported as detected in all samples and results were qualified as estimated (J).

Field Duplicates

14H0031 – The RPD between sample SD14TFB101FS and its field duplicate SD14TFB101FD was greater than the QC limit of 50 for TOC (67). Based on professional judgment, detections of TOC in samples SD14TFB101FS and SD14TFB101FD only were qualified as estimated (J).

14H0038 – The RPD between sample SD14OF80201FS and its field duplicate SD14OF80201FD was greater than the QC limit of 50 for TOC (88). Based on professional judgment, detections of TOC in samples SD14OF80201FS and SD14OF80201FD only were qualified as estimated (J).

8.0 Total Cyanide

Sample Collection and Preservation

14H0038 – The percent solids was less than 30 in sample SD14OF80901FS (29). The cyanide detection in sample SD14OF80901FS was qualified as estimated (J).

Data Completeness

14I0271 – Due to a laboratory error, total cyanide samples SD14TFK401FS and SD14TFL401FS were not analyzed.

Holding Times

All samples were collected in April 2014 and May 2014, were frozen with 48 hours of collection, and were placed on hold at the laboratory. Samples were taken off hold and analyzed in August 2014. There are no guidelines that extend the holding time for total cyanide analysis by freezing. All cyanide results were qualified as estimated (J/UJ).

References:

U.S. Environmental Protection Agency (USEPA), 1996a. "Test Methods for Evaluating Solid Waste"; Laboratory Manual Physical/Chemical Methods; Office of Solid Waste and Emergency Response; Washington, DC; SW-846; November 1986; Revision 4 -December 1996.

U.S. Environmental Protection Agency (USEPA), 1996b. "Region 1 EPA-NE Data Validation Guidelines For Evaluating Environmental Analyses"; Quality Assurance Unit Staff; Office of Environmental Measurement and Evaluation; December 1996.

State of Connecticut Department of Energy and Environmental Protection, 2010a. "Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocols Guidance Document" November, 2007, Revised December 2010.

State of Connecticut Department of Energy and Environmental Protection, 2010b. "Laboratory Quality Assurance and Quality Control Data Quality Assessment and Data Usability Evaluation Guidance Document" May, 2009, Revised December 2010.

Data Validator: Bradley B. LaForest, NRCC-EAC

September 30, 2014

Senior Reviewer: Julie Ricardi

October 10, 2014

C-3
2015 SEDIMENT SAMPLE CHEMIST REVIEW SUMMARY

**Chemist Review Summary
April 2015 Sediment Samples – Tidal Flats and Outfall 008
Stratford Army Engine Plant (SAEP)
Stratford, Connecticut**

1.0 INTRODUCTION

Sediment samples were collected in April 2015 at SAEP located in Stratford, Connecticut. Samples were analyzed by EnviroSystems, Inc. (ESI) located in Hampton, New Hampshire. The following U.S. Environmental Protection Agency (USEPA) analytical methods (USEPA, 1996a) were performed:

- J Polynuclear Aromatic Hydrocarbons (PAHs) by USEPA Method 8270 Selective Ion Monitoring (SIM)
- J Polychlorinated Biphenyls (PCBs) by USEPA Method 8082A
- J PCB Homologs by Modified EPA Method 8270SIM
- J PCB Congeners by Modified EPA Method 8270/680
- J Metals by USEPA Methods 6020A
- J Total Organic Carbon (TOC) by Method Lloyd Kahn

A chemist review was completed for all analyses to evaluate data quality in support of the Connecticut Department of Energy and Environmental Protection Recommended Reasonable Confidence Protocols (RCPs) [CTDEEP, 2010a; CTDEEP, 2010b]. Samples included in this data evaluation are presented in Table 1. Data quality evaluations were completed using quality control (QC) limits specified by the CTDEEP RCPs and the subcontract laboratory presented in Table 2. If data quality issues were identified during the review, results were qualified in the final data set and interpretations on data biases provided. Data qualifications were completed using the professional judgment of the validation chemist and general procedures specified in Region I EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (USEPA, 1996b).

Data qualifications were completed if necessary in accordance with the guidelines or the professional judgment of the project chemist using the following qualifiers:

- J = The reported concentration is considered an estimated value
- U = The target compound was not detected above the reporting limit (RL)
- UJ = The target compound was not detected and the RL is considered to be estimated

Validation reason codes were applied to results associated with QC measurements outside project QC goals. The validation qualification actions and associated validation reason codes applied to sample results are summarized on Table 3. The following data validation reason codes were applied to one or more sample results:

- BL1 = Method blank qualifier
- LCS-H = Laboratory control sample/laboratory control sample duplicate (LCS/LCSD) recovery high
- LCS-L = LCS/LCSD recovery low
- LCS-RPD = LCS/LCSD RPD limit exceeded
- LD = Laboratory duplicate relative percent difference (RPD) limit exceeded
- MS-H = Matrix spike/matrix spike duplicate (MS/MSD) recovery high
- MS-L = MS/MSD recovery low
- MS-RPD = MS/MSD RPD limit exceeded

SS-H = Surrogate recovery high

A complete summary of final sample results is provided in Table 4.

Data were evaluated based on the following parameters where applicable:

- * Sample Collection and Preservation
- * Data Completeness
- * Holding Times
- Surrogate Recoveries
- Blank Contamination
- Laboratory Duplicates
- LCS/LCSD
- Standard Reference Material (SRM)
- MS/MSD
- * Reporting Limits (RLs)
- Data Package Narrative Review

* - all criteria were met for this parameter

In addition to the above QC evaluations performed as part of the chemist review, any issues with instrument calibration and target compound quantitation noted in the lab data package narratives are summarized in this report. A review of these QC parameters is outside the scope of the chemist review and data qualifiers are not applied for these issues.

A subset of samples was analyzed at dilution due to high target compound concentrations and/or matrix interference. Reporting limits for non-detect results are elevated.

The following samples had percent solids less than the EPA recommendation of 30%: SD14OF0302FS, SD14OF0303FS, SD14OF1002FS, SD14OF1203FSH, and SD14OF0403FSH. The laboratory increased sample amount to compensate for the low solids and based on professional judgement, no action was taken.

With the exception of the following items discussed below, results were determined to be usable as reported by the laboratory.

2.0 PAHs

Blank Contamination

SDG_03 - A method blank associated with a subset of samples had a blank detection for phenanthrene at 6 ug/Kg. An action limit was established at five times the blank concentration. Low level detections of phenanthrene in samples SD14TFC202FS, SD14TFA202FS, SD15TFGH702FS, SD15TFK601FS, and SD14TFG102FS were qualified as not detected at the reporting limit (U).

SDG_05H - A method blank associated with a subset of samples had a blank detection for phenanthrene at 20 ug/Kg. An action limit was established at five times the blank concentration. Low level detections of phenanthrene in samples SD14OF1803FSH, SD14OF1103FSH, SD14OF0603FSH, and SD14TFG503FSH were qualified as not detected at the reporting limit (U).

SRM

SDG_05H – The SRM associated with all samples had a percent recovery less than the lower QC limit of 40 for naphthalene (33), which may indicate low bias. Positive and non-detect results for naphthalene in all samples were qualified as estimated (J/UJ).

3.0 PCBs

Lab Duplicate

SDG_07 – Sample SD14OF0502FS and its laboratory duplicate had a detection and non-detection for Aroclor-1262. The result for Aroclor-1262 in sample SD14OF0502FS was qualified as estimated (J).

SDG_12 – Sample SD15TFGH1203FS and its laboratory duplicate had a detection and non-detection for Aroclor-1248. The result for Aroclor-1248 in sample SD15TFGH1203FS was qualified as estimated (J).

MS/MSD

SDG_17H – The MS/MSD associated with sample SD14OF1003FSH had percent recoveries less than the lower QC limit of 40 for Aroclor-1260 (0/0), which may indicate low bias. Aroclor-1260 was detected in sample SD14OF1003FSH and the result was qualified estimated (J).

4.0 PCB Homologs

Laboratory Duplicate

SDG_10 – Sample SD14TFGH103FS and its laboratory duplicate had a detection and non-detection for hexachlorobiphenyl. The result for hexachlorobiphenyl in sample SD14TFGH103FS was qualified as estimated (J).

SDG_17H – Sample SD14OF1003FSH and its laboratory duplicate had a detection and non-detection for dichlorobiphenyl and an RPD greater than the QC limit of 50 for decachlorobiphenyl (83). Dichlorobiphenyl was not detected in sample SD14OF1003FSH and the reporting limit was qualified as estimated (UJ) and the detection for decachlorobiphenyl was qualified as estimated (J).

LCS/LCSD

SDG_10 – The LCS associated with all samples had percent recoveries less than the lower QC limit of 40 for monochlorobiphenyl (38) and pentachlorobiphenyl (37), which may indicate low bias. Monochlorobiphenyl and pentachlorobiphenyl results in all samples were qualified as estimated (J/UJ).

SDG_12 – The LCS/LCSD associated with all samples had percent recoveries less than the lower QC limit of 40 for monochlorobiphenyl (37), dichlorobiphenyl (37), trichlorobiphenyl (33), and pentachlorobiphenyl (34), which may indicate low bias. Monochlorobiphenyl, dichlorobiphenyl, trichlorobiphenyl, and pentachlorobiphenyl results in all samples were qualified as estimated (J/UJ).

SDG_16H – The LCS associated with all samples had a percent recovery less than the lower QC limit of 40 for pentachlorobiphenyl (32), which may indicate low bias. Pentachlorobiphenyl results in all samples were qualified as estimated (J/UJ).

SDG_17H – The LCS/LCSD associated with all samples had an RPD for monochlorobiphenyl (53) that was greater than the QC limit of 30. Results for monochlorobiphenyl in all samples were qualified as estimated (J/UJ).

MS/MSD

SDG_10 – The MS/MSD associated with sample SD14TFGH103FS had percent recoveries less than the lower QC limit of 40 for monochlorobiphenyl (39/39) and pentachlorobiphenyl (39/37), which may indicate low bias. Monochlorobiphenyl and pentachlorobiphenyl were not detected in sample SD14TFGH103FS and reporting limits were qualified as estimated (UJ).

SDG_17H – The MS/MSD associated with sample SD14OF1003FSH had percent recoveries less than the lower QC limit of 40 for several PCB Homologs, which may indicate low bias. Based on professional judgement, all PCB Homolog results in sample SD14OF1003FSH were qualified as estimated (J/UJ).

5.0 PCB Congeners

Lab Duplicate

SDG_01 – Sample SD14OF0802FS and its laboratory duplicate had a detection and non-detection for congener BZ# 66. The result for congener BZ# 66 in sample SD14OF0802FS was qualified as estimated (J).

SDG_03 – Sample SD14TFC202FS and its laboratory duplicate had a detection and non-detection for congener BZ# 52. The results for congener BZ# 52 in sample SD14TFC202FS was qualified as estimated (J).

LCS/LCSD

SDG_03 – The LCS associated with all samples had a percent recovery greater than the upper QC limit of 150 for congener BZ# 128 (160), which may indicate high bias. Congener BZ# 128 was detected in samples SDTFK600FS, SD15TFK601FS, and SD14TFC702FS and results were qualified as estimated (UJ).

MS/MSD

SDG_01 – The MS/MSD associated with sample SD14OF0802FS had percent recoveries greater than the upper QC limit of 150 for several PCB congeners, which may indicate high bias and RPDs greater than the QC limit of 30 for several PCB congeners. Based on professional judgement all PCB congeners in sample SD14OF0802FS were qualified as estimated (J/UJ).

SDG_04 – The MS/MSD associated with sample SD15TFH1203FS had RPDs greater than the QC limit of 30 for several PCB congeners. All PCB congeners were not detected in sample SD15TFH1203FS and reporting limits were qualified as estimated (UJ).

SDG_05H – The MS/MSD associated with sample SD14OF1803FSH had percent recoveries greater than the upper QC limit of 150 for congener BZ# 153 (155), which may indicate high bias and RPDs greater than the QC limit of 30 for congener BZ# 138 (39), congener BZ# 153 (53), congener BZ# 180 (36), and congener BZ# 187 (31). Detections of congener BZ# 138, congener BZ# 153, congener BZ# 180, and congener BZ# 187 were qualified as estimated (J/UJ).

Surrogates

SDG_05H - Sample SD14OF1303FSH had a percent recovery greater than the upper QC limit of 150 for the surrogate PCB 198 (190), indicating a potential high bias. All positive results for sample SD14OF1303FSH were qualified as estimated (J).

6.0 METALS

LCS/LCSD

SDG_03 – The SRM associated with all samples had a percent recovery less than the lower QC limit of 75 for chromium (69), which may indicate low bias. The chromium results in all samples were qualified as estimated (J/UJ).

SDG_05H – The SRM associated with all samples had a percent recovery less than the lower QC limit of 75 for chromium (68), which may indicate low bias. The chromium results in all samples were qualified as estimated (J/UJ).

SDG_08 – The SRM associated with all samples had a percent recovery less than the lower QC limit of 75 for chromium (69), which may indicate low bias. The chromium results in all samples were qualified as estimated (J/UJ).

MS/MSD

SDG_01 – The MS/MSD associated with sample SD14OF0802FS had a percent recovery less than the lower QC limit of 75 for copper (46), indicating a potential low bias. Copper results in all associated samples were qualified as estimated (J).

SDG_07 – The MS/MSD associated with sample SD14OF0502FS had a percent recovery less than the lower QC limit of 75 for lead (40), indicating a potential low bias. Lead results in all associated samples were qualified as estimated (J).

SDG_10 – The MS/MSD associated with sample SD14TFGH103FS had percent recoveries less than the lower QC limit of 75 for chromium (36/59), indicating a potential low bias. Chromium results in all associated samples were qualified as estimated (J).

SDG_12 – The MS/MSD associated with sample SD15TFGH1203FS had a percent recovery greater than the upper QC limit of 125 for lead (176), indicating a potential high bias. Lead was detected in all associated samples and results were qualified as estimated (J).

SDG_12 – The MS/MSD associated with sample SD15TFGH1203FS had a percent recovery greater than the upper QC limit of 125 for mercury (141), indicating a potential high bias. Positive mercury detections were qualified as estimated (J).

7.0 TOC

No data quality issues were identified and results are interpreted to be usable as reported by the lab.

References:

U.S. Environmental Protection Agency (USEPA), 1996a. "Test Methods for Evaluating Solid Waste"; Laboratory Manual Physical/Chemical Methods; Office of Solid Waste and Emergency Response; Washington, DC; SW-846; November 1986; Revision 4 -December 1996.

U.S. Environmental Protection Agency (USEPA), 1996b. "Region 1 EPA-NE Data Validation Guidelines For Evaluating Environmental Analyses"; Quality Assurance Unit Staff; Office of Environmental Measurement and Evaluation; December 1996.

State of Connecticut Department of Energy and Environmental Protection, 2010a. "Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocols Guidance Document" November, 2007, Revised December 2010.

State of Connecticut Department of Energy and Environmental Protection, 2010b. "Laboratory Quality Assurance and Quality Control Data Quality Assessment and Data Usability Evaluation Guidance Document" May, 2009, Revised December 2010.

Data Validator: Willie Stone

February 4, 2016



Senior Reviewer: Julie Ricardi

February 8, 2016



Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

SDG	Location	Sample ID	Sample Date	Media	Method Class Analysis Method Qc Code	Aroclors	Homologs	PCB Congeners	PAHs
						SW846 8082 Count	8270SIM Count	8270/680 modified Count	SW846 8270 SIM Count
SDG_01	SD2014-OF-03	SD14OF0302FS	4/7/2015	SED	FS	9	11	24	16
SDG_01	SD2014-OF-03	SD14OF0303FS	4/7/2015	SED	FS	9	11	24	16
SDG_01	SD2014-OF-06	SD14OF0602FS	4/7/2015	SED	FS	9	11	24	16
SDG_01	SD2014-OF-08	SD14OF0802FS	4/7/2015	SED	FS	9	11	24	16
SDG_01	SD2014-OF-11	SD14OF1102FS	4/7/2015	SED	FS	9	11	24	16
SDG_01	SD2014-OF8-13	SD14OF1302FS	4/7/2015	SED	FS	9	11	24	16
SDG_01	SD2014-OF8-16	SD14OF1602FS	4/7/2015	SED	FS	9	11	24	16
SDG_01	SD2014-OF8-17	SD14OF1702FS	4/7/2015	SED	FS	9	11	24	16
SDG_01	SD2014-TF-E6	SD14TFE602FS	4/2/2015	SED	FS	9	11	24	16
SDG_01	SD2014-TF-G5	SD14TFG502FS	4/2/2015	SED	FS	9	11	24	16
SDG_02	SD2014-TF-H5	SD14TFH502FS	4/2/2015	SED	FS	9	11	24	16
SDG_02	SD2015-TF-AB1	SD15TFAB103FS	4/6/2015	SED	FS	9	11	24	16
SDG_02	SD2015-TF-AB1	SD15TFAB105FS	4/6/2015	SED	FS	9	11	24	16
SDG_02	SD2015-TF-AB1	SD15TFAB107FS	4/6/2015	SED	FS	9	11	24	16
SDG_02	SD2015-TF-F7	SD15TFF700FS	4/3/2015	SED	FS	9	11	24	16
SDG_02	SD2015-TF-F7	SD15TFF701FS	4/3/2015	SED	FS	9	11	24	16
SDG_02	SD2015-TF-F7	SD15TFF702FS	4/3/2015	SED	FS	9	11	24	16
SDG_02	SD2015-TF-GH7	SD15TFGH700FS	4/3/2015	SED	FS	9	11	24	16
SDG_02	SD2015-TF-GH7	SD15TFGH701FS	4/3/2015	SED	FS	9	11	24	16
SDG_02	SD2015-TF-ZA67	SD15TFZA6702FS	4/6/2015	SED	FS	9	11	24	16
SDG_03	SD2014-TF-A2	SD14TFA202FS	4/3/2015	SED	FS	9	11	24	16
SDG_03	SD2014-TF-C2	SD14TFC202FS	4/3/2015	SED	FS	9	11	24	16
SDG_03	SD2014-TF-C7	SD14TFC702FS	4/3/2015	SED	FS	9	11	24	16
SDG_03	SD2014-TF-G1	SD14TFG102FS	4/3/2015	SED	FS	9	11	24	16
SDG_03	SD2015-TF-DE01	SD15TFDE0103FS	4/3/2015	SED	FS	9	11	24	16
SDG_03	SD2015-TF-DE01	SD15TFDE0105FS	4/3/2015	SED	FS	9	11	24	16
SDG_03	SD2015-TF-DE01	SD15TFDE0107FS	4/3/2015	SED	FS	9	11	24	16
SDG_03	SD2015-TF-GH7	SD15TFGH702FS	4/3/2015	SED	FS	9	11	24	16
SDG_03	SD2015-TF-K6	SD15TFK600FS	4/3/2015	SED	FS	9	11	24	16
SDG_03	SD2015-TF-K6	SD15TFK601FS	4/3/2015	SED	FS	9	11	24	16
SDG_04	SD2014-TF-L3	SD14TFL302FS	4/2/2015	SED	FS	9	11	24	16
SDG_04	SD2014-TF-ZA45	SD14TFZA4502FS	4/6/2015	SED	FS	9	11	24	16
SDG_04	SD2015-TF-H12	SD15TFH1203FS	4/2/2015	SED	FS	9	11	24	16
SDG_04	SD2015-TF-H12	SD15TFH1205FS	4/2/2015	SED	FS	9	11	24	16
SDG_04	SD2015-TF-H12	SD15TFH1207FS	4/2/2015	SED	FS	9	11	24	16
SDG_05H	SD2014-OF-06	SD14OF0603FSH	4/7/2015	SED	FS	9	11	24	16

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

SDG	Location	Sample ID	Sample Date	Media	Method Class Analysis Method Qc Code	Aroclors	Homologs	PCB Congeners	PAHs
						SW846 8082 Count	8270SIM Count	8270/680 modified Count	SW846 8270 SIM Count
SDG_05H	SD2014-OF-11	SD14OF1103FSH	4/7/2015	SED	FS	9	11	24	16
SDG_05H	SD2014-OF8-13	SD14OF1303FSH	4/7/2015	SED	FS	9	11	24	16
SDG_05H	SD2014-OF8-15	SD14OF1503FSH	4/7/2015	SED	FS		11		
SDG_05H	SD2014-OF8-16	SD14OF1603FSH	4/7/2015	SED	FS	9	11	24	16
SDG_05H	SD2014-OF8-17	SD14OF1703FSH	4/7/2015	SED	FS	9	11	24	16
SDG_05H	SD2014-OF8-18	SD14OF1803FSH	4/7/2015	SED	FS	9	11	24	16
SDG_05H	SD2014-TF-D7	SD14TFD703FSH	4/3/2015	SED	FS				
SDG_05H	SD2014-TF-E6	SD14TFE603FSH	4/2/2015	SED	FS	9	11	24	16
SDG_05H	SD2014-TF-G5	SD14TFG503FSH	4/2/2015	SED	FS	9	11	24	16
SDG_05H	SD2014-TF-H5	SD14TFH503FSH	4/2/2015	SED	FS	9	11	24	16
SDG_05H	SD2014-TF-L3	SD14TFL303FSH	4/2/2015	SED	FS	9	11	24	16
SDG_06H	SD2014-TF-D7	SD14TFD703FSH	4/3/2015	SED	FS	9			
SDG_07	SD2014-OF-01	SD14OF0102FS	4/7/2015	SED	FS	9	11		
SDG_07	SD2014-OF-05	SD14OF0502FS	4/7/2015	SED	FS	9	11		
SDG_07	SD2014-OF-07	SD14OF0702FS	4/7/2015	SED	FS	9	11		
SDG_07	SD2014-OF-09	SD14OF0902FS	4/7/2015	SED	FS	9	11		
SDG_07	SD2014-OF-10	SD14OF1002FS	4/7/2015	SED	FS	9	11		
SDG_07	SD2014-OF8-12	SD14OF1202FS	4/7/2015	SED	FS	9	11		
SDG_07	SD2014-OF8-14	SD14OF1402FS	4/7/2015	SED	FS	9	11		
SDG_07	SD2014-OF8-15	SD14OF1502FS	4/7/2015	SED	FS	9	11		
SDG_07	SD2014-OF8-18	SD14OF1802FS	4/7/2015	SED	FS	9	11		
SDG_07	SD2014-OF8-19	SD14OF1903FS	4/7/2015	SED	FS	9	11		
SDG_08	SD2014-OF-01	SD14OF0103FSH	4/7/2015	SED	FS	9	11		
SDG_08	SD2014-TF-E1	SD14TFE107FS	4/7/2015	SED	FS	9	11		
SDG_08	SD2015-TF-G6	SD15TFG600FS	4/2/2015	SED	FS	9	11		
SDG_08	SD2015-TF-G6	SD15TFG601FS	4/2/2015	SED	FS	9	11		
SDG_08	SD2015-TF-G6	SD15TFG602FS	4/2/2015	SED	FS	9	11		
SDG_08	SD2015-TF-GH6	SD15TFGH601FS	4/2/2015	SED	FS	9	11		
SDG_08	SD2015-TF-H6	SD15TFH600FS	4/3/2015	SED	FS	9	11		
SDG_08	SD2015-TF-H6	SD15TFH601FS	4/3/2015	SED	FS	9	11		
SDG_08	SD2015-TF-H6	SD15TFH602FS	4/3/2015	SED	FS	9	11		
SDG_08	SD2015-TF-J6	SD15TFJ600FS	4/3/2015	SED	FS	9	11		
SDG_09	SD2014-TF-B2	SD14TFB202FS	4/3/2015	SED	FS	9	11		
SDG_09	SD2014-TF-C4	SD14TFC402FS	4/3/2015	SED	FS	9	11		
SDG_09	SD2014-TF-D1	SD14TFD102FS	4/3/2015	SED	FS	9	11		
SDG_09	SD2014-TF-D7	SD14TFD702FS	4/3/2015	SED	FS	9	11		

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

SDG	Location	Sample ID	Sample Date	Media	Method Class Analysis Method Qc Code	Aroclors	Homologs	PCB Congeners	PAHs
						SW846 8082 Count	8270SIM Count	8270/680 modified Count	SW846 8270 SIM Count
SDG_09	SD2014-TF-DE0	SD14TFDE003FS	4/3/2015	SED	FS	9	11		
SDG_09	SD2014-TF-DE0	SD14TFDE005FS	4/3/2015	SED	FS	9	11		
SDG_09	SD2015-TF-D0	SD15TFD003FS	4/3/2015	SED	FS	9	11		
SDG_09	SD2015-TF-D0	SD15TFD005FS	4/3/2015	SED	FS	9	11		
SDG_09	SD2015-TF-D0	SD15TFD007FS	4/3/2015	SED	FS	9	11		
SDG_09	SD2015-TF-GH6	SD15TFGH600FS	4/2/2015	SED	FS	9	11		
SDG_10	SD2014-TF-A5	SD14TFA502FS	4/6/2015	SED	FS	9	11		
SDG_10	SD2014-TF-C5	SD14TFC502FS	4/6/2015	SED	FS	9	11		
SDG_10	SD2014-TF-GH1	SD14TFGH103FS	4/6/2015	SED	FS	9	11		
SDG_10	SD2015-TF-E7	SD15TFE700FS	4/2/2015	SED	FS	9	11		
SDG_10	SD2015-TF-E7	SD15TFE701FS	4/2/2015	SED	FS	9	11		
SDG_10	SD2015-TF-E7	SD15TFE702FS	4/2/2015	SED	FS	9	11		
SDG_10	SD2015-TF-G7	SD15TFG700FS	4/6/2015	SED	FS	9	11		
SDG_10	SD2015-TF-G7	SD15TFG702FS	4/6/2015	SED	FS	9	11		
SDG_10	SD2015-TF-GH5	SD15TFGH500FS	4/2/2015	SED	FS	9	11		
SDG_10	SD2015-TF-GH5	SD15TFGH502FS	4/2/2015	SED	FS	9	11		
SDG_11	SD2014-TF-A1	SD14TFA107FS	4/6/2015	SED	FS	9	11		
SDG_11	SD2014-TF-A6	SD14TFA602FS	4/6/2015	SED	FS	9	11		
SDG_11	SD2014-TF-A7	SD14TFA702FS	4/6/2015	SED	FS	9	11		
SDG_11	SD2014-TF-C1	SD14TFC102FS	4/3/2015	SED	FS	9	11		
SDG_11	SD2014-TF-ZA56	SD14TFZA5603FS	4/6/2015	SED	FS	9	11		
SDG_11	SD2015-TF-B12	SD15TFB1203FS	4/3/2015	SED	FS	9	11		
SDG_11	SD2015-TF-B12	SD15TFB1205FS	4/3/2015	SED	FS	9	11		
SDG_11	SD2015-TF-B12	SD15TFB1207FS	4/3/2015	SED	FS	9	11		
SDG_11	SD2015-TF-L6	SD15TFL600FS	4/6/2015	SED	FS	9	11		
SDG_11	SD2015-TF-L6	SD15TFL602FS	4/6/2015	SED	FS	9	11		
SDG_12	SD2014-TF-A1	SD14TFA105FS	4/6/2015	SED	FS	9	11		
SDG_12	SD2014-TF-B7	SD14TFB703FS	4/6/2015	SED	FS	9	11		
SDG_12	SD2014-TF-HJ1	SD14TFHJ103FS	4/2/2015	SED	FS	9	11		
SDG_12	SD2014-TF-HJ1	SD14TFHJ105FS	4/2/2015	SED	FS	9	11		
SDG_12	SD2014-TF-J2	SD14TFJ202FS	4/2/2015	SED	FS	9	11		
SDG_12	SD2015-TF-GH12	SD15TFGH1203FS	4/2/2015	SED	FS	9	11		
SDG_12	SD2015-TF-GH12	SD15TFGH1205FS	4/2/2015	SED	FS	9	11		
SDG_12	SD2015-TF-GH12	SD15TFGH1207FS	4/2/2015	SED	FS	9	11		
SDG_12	SD2015-TF-J1	SD15TFJ103FS	4/2/2015	SED	FS	9	11		
SDG_12	SD2015-TF-J1	SD15TFJ105FS	4/2/2015	SED	FS	9	11		

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

SDG	Location	Sample ID	Sample Date	Media	Method Class Analysis Method Qc Code	Aroclors	Homologs	PCB Congeners	PAHs
						SW846 8082 Count	8270SIM Count	8270/680 modified Count	SW846 8270 SIM Count
SDG_13	SD2014-TF-F1	SD14TFF102FS	4/3/2015	SED	FS	9	11		
SDG_13	SD2014-TF-H2	SD14TFH203FS	4/2/2015	SED	FS	9	11		
SDG_13	SD2015-TF-EF01	SD15TFEF0103FS	4/3/2015	SED	FS	9	11		
SDG_13	SD2015-TF-EF01	SD15TFEF0105FS	4/3/2015	SED	FS	9	11		
SDG_13	SD2015-TF-H01	SD15TFH0103FS	4/2/2015	SED	FS	9	11		
SDG_13	SD2015-TF-H01	SD15TFH0105FS	4/2/2015	SED	FS	9	11		
SDG_13	SD2015-TF-H01	SD15TFH0107FS	4/2/2015	SED	FS	9	11		
SDG_13	SD2015-TF-H1	SD15TFH103FS	4/2/2015	SED	FS	9	11		
SDG_13	SD2015-TF-H1	SD15TFH105FS	4/2/2015	SED	FS	9	11		
SDG_13	SD2015-TF-H1	SD15TFH107FS	4/2/2015	SED	FS	9	11		
SDG_14	SD2014-TF-EF0	SD14TFEF003FS	4/3/2015	SED	FS	9	11		
SDG_14	SD2014-TF-EF0	SD14TFEF005FS	4/3/2015	SED	FS	9	11		
SDG_14	SD2014-TF-EF0	SD14TFEF007FS	4/3/2015	SED	FS	9	11		
SDG_14	SD2015-TF-AB12	SD15TFAB1203FS	4/6/2015	SED	FS	9	11		
SDG_14	SD2015-TF-AB12	SD15TFAB1205FS	4/6/2015	SED	FS	9	11		
SDG_14	SD2015-TF-E0	SD15TFE003FS	4/3/2015	SED	FS	9	11		
SDG_14	SD2015-TF-E0	SD15TFE005FS	4/3/2015	SED	FS	9	11		
SDG_14	SD2015-TF-EF01	SD15TFEF0107FS	4/3/2015	SED	FS	9	11		
SDG_14	SD2015-TF-EF1	SD15TFEF103FS	4/3/2015	SED	FS	9	11		
SDG_14	SD2015-TF-EF1	SD15TFEF105FS	4/3/2015	SED	FS	9	11		
SDG_15	SD2014-TF-A1	SD14TFA103FS	4/6/2015	SED	FS	9	11		
SDG_15	SD2014-TF-B1	SD14TFB103FS	4/6/2015	SED	FS	9	11		
SDG_15	SD2014-TF-B1	SD14TFB105FS	4/6/2015	SED	FS	9	11		
SDG_15	SD2014-TF-B1	SD14TFB107FS	4/6/2015	SED	FS	9	11		
SDG_15	SD2015-TF-A01	SD15TFA0103FS	4/6/2015	SED	FS	9	11		
SDG_15	SD2015-TF-A01	SD15TFA0105FS	4/6/2015	SED	FS	9	11		
SDG_15	SD2015-TF-AB12	SD15TFAB1207FS	4/6/2015	SED	FS	9	11		
SDG_16H	SD2014-OF8-12	SD14OF1203FSH	4/7/2015	SED	FS		11		
SDG_16H	SD2014-OF8-14	SD14OF1403FSH	4/7/2015	SED	FS		11		
SDG_16H	SD2014-OF8-15	SD14OF1503FSH	4/7/2015	SED	FS		11		
SDG_16H	SD2014-TF-D7	SD14TFD703FSH	4/3/2015	SED	FS		11		
SDG_16H	SD2015-TF-E7	SD15TFE703FSH	4/2/2015	SED	FS	9	11		
SDG_16H	SD2015-TF-GH5	SD15TFGH503FSH	4/2/2015	SED	FS	9	11		
SDG_17H	SD2014-OF-04	SD14OF0403FSH	4/7/2015	SED	FS	9	11		
SDG_17H	SD2014-OF-05	SD14OF0503FSH	4/7/2015	SED	FS	9	11		
SDG_17H	SD2014-OF-07	SD14OF0703FSH	4/7/2015	SED	FS	9	11		

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

SDG	Location	Sample ID	Sample Date	Media	Method Class Analysis Method Qc Code	Aroclors	Homologs	PCB Congeners	PAHs
						SW846 8082 Count	8270SIM Count	8270/680 modified Count	SW846 8270 SIM Count
SDG_17H	SD2014-OF-09	SD14OF0903FSH	4/7/2015	SED	FS	9	11		
SDG_17H	SD2014-OF-10	SD14OF1003FSH	4/7/2015	SED	FS	9	11		
SDG_17H	SD2014-OF8-12	SD14OF1203FSH	4/7/2015	SED	FS	9			
SDG_17H	SD2014-OF8-14	SD14OF1403FSH	4/7/2015	SED	FS	9			
SDG_17H	SD2014-OF8-15	SD14OF1503FSH	4/7/2015	SED	FS	9			

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

SDG	Location	Sample ID	Sample Date	Media	Metals	TOC
					SW846 6020 Count	SW846 9060 Count
SDG_01	SD2014-OF-03	SD14OF0302FS	4/7/2015	SED	9	1
SDG_01	SD2014-OF-03	SD14OF0303FS	4/7/2015	SED	9	1
SDG_01	SD2014-OF-06	SD14OF0602FS	4/7/2015	SED	9	1
SDG_01	SD2014-OF-08	SD14OF0802FS	4/7/2015	SED	9	1
SDG_01	SD2014-OF-11	SD14OF1102FS	4/7/2015	SED	9	1
SDG_01	SD2014-OF8-13	SD14OF1302FS	4/7/2015	SED	9	1
SDG_01	SD2014-OF8-16	SD14OF1602FS	4/7/2015	SED	9	1
SDG_01	SD2014-OF8-17	SD14OF1702FS	4/7/2015	SED	9	1
SDG_01	SD2014-TF-E6	SD14TFE602FS	4/2/2015	SED	9	1
SDG_01	SD2014-TF-G5	SD14TFG502FS	4/2/2015	SED	9	1
SDG_02	SD2014-TF-H5	SD14TFH502FS	4/2/2015	SED	9	1
SDG_02	SD2015-TF-AB1	SD15TFAB103FS	4/6/2015	SED	9	1
SDG_02	SD2015-TF-AB1	SD15TFAB105FS	4/6/2015	SED	9	1
SDG_02	SD2015-TF-AB1	SD15TFAB107FS	4/6/2015	SED	9	1
SDG_02	SD2015-TF-F7	SD15TFF700FS	4/3/2015	SED	9	1
SDG_02	SD2015-TF-F7	SD15TFF701FS	4/3/2015	SED	9	1
SDG_02	SD2015-TF-F7	SD15TFF702FS	4/3/2015	SED	9	1
SDG_02	SD2015-TF-GH7	SD15TFGH700FS	4/3/2015	SED	9	1
SDG_02	SD2015-TF-GH7	SD15TFGH701FS	4/3/2015	SED	9	1
SDG_02	SD2015-TF-ZA67	SD15TFZA6702FS	4/6/2015	SED	9	1
SDG_03	SD2014-TF-A2	SD14TFA202FS	4/3/2015	SED	9	1
SDG_03	SD2014-TF-C2	SD14TFC202FS	4/3/2015	SED	9	1
SDG_03	SD2014-TF-C7	SD14TFC702FS	4/3/2015	SED	9	1
SDG_03	SD2014-TF-G1	SD14TFG102FS	4/3/2015	SED	9	1
SDG_03	SD2015-TF-DE01	SD15TFDE0103FS	4/3/2015	SED	9	1
SDG_03	SD2015-TF-DE01	SD15TFDE0105FS	4/3/2015	SED	9	1
SDG_03	SD2015-TF-DE01	SD15TFDE0107FS	4/3/2015	SED	9	1
SDG_03	SD2015-TF-GH7	SD15TFGH702FS	4/3/2015	SED	9	1
SDG_03	SD2015-TF-K6	SD15TFK600FS	4/3/2015	SED	9	1
SDG_03	SD2015-TF-K6	SD15TFK601FS	4/3/2015	SED	9	1
SDG_04	SD2014-TF-L3	SD14TFL302FS	4/2/2015	SED	9	1
SDG_04	SD2014-TF-ZA45	SD14TFZA4502FS	4/6/2015	SED	9	1
SDG_04	SD2015-TF-H12	SD15TFH1203FS	4/2/2015	SED	9	1
SDG_04	SD2015-TF-H12	SD15TFH1205FS	4/2/2015	SED	9	1
SDG_04	SD2015-TF-H12	SD15TFH1207FS	4/2/2015	SED	9	1
SDG_05H	SD2014-OF-06	SD14OF0603FSH	4/7/2015	SED	9	1

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

SDG	Location	Sample ID	Sample Date	Media	Metals		TOC	
					SW846 6020 Count	SW846 9060 Count	SW846 6020 Count	SW846 9060 Count
SDG_05H	SD2014-OF-11	SD14OF1103FSH	4/7/2015	SED	9		1	
SDG_05H	SD2014-OF8-13	SD14OF1303FSH	4/7/2015	SED	9		1	
SDG_05H	SD2014-OF8-15	SD14OF1503FSH	4/7/2015	SED				
SDG_05H	SD2014-OF8-16	SD14OF1603FSH	4/7/2015	SED	9		1	
SDG_05H	SD2014-OF8-17	SD14OF1703FSH	4/7/2015	SED	9		1	
SDG_05H	SD2014-OF8-18	SD14OF1803FSH	4/7/2015	SED	9		1	
SDG_05H	SD2014-TF-D7	SD14TFD703FSH	4/3/2015	SED	9			
SDG_05H	SD2014-TF-E6	SD14TFE603FSH	4/2/2015	SED	9		1	
SDG_05H	SD2014-TF-G5	SD14TFG503FSH	4/2/2015	SED	9		1	
SDG_05H	SD2014-TF-H5	SD14TFH503FSH	4/2/2015	SED	9		1	
SDG_05H	SD2014-TF-L3	SD14TFL303FSH	4/2/2015	SED	9		1	
SDG_06H	SD2014-TF-D7	SD14TFD703FSH	4/3/2015	SED				
SDG_07	SD2014-OF-01	SD14OF0102FS	4/7/2015	SED	9			
SDG_07	SD2014-OF-05	SD14OF0502FS	4/7/2015	SED	9			
SDG_07	SD2014-OF-07	SD14OF0702FS	4/7/2015	SED	9			
SDG_07	SD2014-OF-09	SD14OF0902FS	4/7/2015	SED	9			
SDG_07	SD2014-OF-10	SD14OF1002FS	4/7/2015	SED	9			
SDG_07	SD2014-OF8-12	SD14OF1202FS	4/7/2015	SED	9			
SDG_07	SD2014-OF8-14	SD14OF1402FS	4/7/2015	SED	9			
SDG_07	SD2014-OF8-15	SD14OF1502FS	4/7/2015	SED	9			
SDG_07	SD2014-OF8-18	SD14OF1802FS	4/7/2015	SED	9			
SDG_07	SD2014-OF8-19	SD14OF1903FS	4/7/2015	SED	9			
SDG_08	SD2014-OF-01	SD14OF0103FSH	4/7/2015	SED	9			
SDG_08	SD2014-TF-E1	SD14TFE107FS	4/7/2015	SED	9			
SDG_08	SD2015-TF-G6	SD15TFG600FS	4/2/2015	SED	9			
SDG_08	SD2015-TF-G6	SD15TFG601FS	4/2/2015	SED	9			
SDG_08	SD2015-TF-G6	SD15TFG602FS	4/2/2015	SED	9			
SDG_08	SD2015-TF-GH6	SD15TFGH601FS	4/2/2015	SED	9			
SDG_08	SD2015-TF-H6	SD15TFH600FS	4/3/2015	SED	9			
SDG_08	SD2015-TF-H6	SD15TFH601FS	4/3/2015	SED	9			
SDG_08	SD2015-TF-H6	SD15TFH602FS	4/3/2015	SED	9			
SDG_08	SD2015-TF-J6	SD15TFJ600FS	4/3/2015	SED	9			
SDG_09	SD2014-TF-B2	SD14TFB202FS	4/3/2015	SED	9			
SDG_09	SD2014-TF-C4	SD14TFC402FS	4/3/2015	SED	9			
SDG_09	SD2014-TF-D1	SD14TFD102FS	4/3/2015	SED	9			
SDG_09	SD2014-TF-D7	SD14TFD702FS	4/3/2015	SED	9			

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

SDG	Location	Sample ID	Sample Date	Media	Metals	TOC
					SW846 6020 Count	SW846 9060 Count
SDG_09	SD2014-TF-DE0	SD14TFDE003FS	4/3/2015	SED	9	
SDG_09	SD2014-TF-DE0	SD14TFDE005FS	4/3/2015	SED	9	
SDG_09	SD2015-TF-D0	SD15TFD003FS	4/3/2015	SED	9	
SDG_09	SD2015-TF-D0	SD15TFD005FS	4/3/2015	SED	9	
SDG_09	SD2015-TF-D0	SD15TFD007FS	4/3/2015	SED	9	
SDG_09	SD2015-TF-GH6	SD15TFGH600FS	4/2/2015	SED	9	
SDG_10	SD2014-TF-A5	SD14TFA502FS	4/6/2015	SED	9	
SDG_10	SD2014-TF-C5	SD14TFC502FS	4/6/2015	SED	9	
SDG_10	SD2014-TF-GH1	SD14TFGH103FS	4/6/2015	SED	9	
SDG_10	SD2015-TF-E7	SD15TFE700FS	4/2/2015	SED	9	
SDG_10	SD2015-TF-E7	SD15TFE701FS	4/2/2015	SED	9	
SDG_10	SD2015-TF-E7	SD15TFE702FS	4/2/2015	SED	9	
SDG_10	SD2015-TF-G7	SD15TFG700FS	4/6/2015	SED	9	
SDG_10	SD2015-TF-G7	SD15TFG702FS	4/6/2015	SED	9	
SDG_10	SD2015-TF-GH5	SD15TFGH500FS	4/2/2015	SED	9	
SDG_10	SD2015-TF-GH5	SD15TFGH502FS	4/2/2015	SED	9	
SDG_11	SD2014-TF-A1	SD14TFA107FS	4/6/2015	SED	9	
SDG_11	SD2014-TF-A6	SD14TFA602FS	4/6/2015	SED	9	
SDG_11	SD2014-TF-A7	SD14TFA702FS	4/6/2015	SED	9	
SDG_11	SD2014-TF-C1	SD14TFC102FS	4/3/2015	SED	9	
SDG_11	SD2014-TF-ZA56	SD14TFZA5603FS	4/6/2015	SED	9	
SDG_11	SD2015-TF-B12	SD15TFB1203FS	4/3/2015	SED	9	
SDG_11	SD2015-TF-B12	SD15TFB1205FS	4/3/2015	SED	9	
SDG_11	SD2015-TF-B12	SD15TFB1207FS	4/3/2015	SED	9	
SDG_11	SD2015-TF-L6	SD15TFL600FS	4/6/2015	SED	9	
SDG_11	SD2015-TF-L6	SD15TFL602FS	4/6/2015	SED	9	
SDG_12	SD2014-TF-A1	SD14TFA105FS	4/6/2015	SED	9	
SDG_12	SD2014-TF-B7	SD14TFB703FS	4/6/2015	SED	9	
SDG_12	SD2014-TF-HJ1	SD14TFHJ103FS	4/2/2015	SED	9	
SDG_12	SD2014-TF-HJ1	SD14TFHJ105FS	4/2/2015	SED	9	
SDG_12	SD2014-TF-J2	SD14TFJ202FS	4/2/2015	SED	9	
SDG_12	SD2015-TF-GH12	SD15TFGH1203FS	4/2/2015	SED	9	
SDG_12	SD2015-TF-GH12	SD15TFGH1205FS	4/2/2015	SED	9	
SDG_12	SD2015-TF-GH12	SD15TFGH1207FS	4/2/2015	SED	9	
SDG_12	SD2015-TF-J1	SD15TFJ103FS	4/2/2015	SED	9	
SDG_12	SD2015-TF-J1	SD15TFJ105FS	4/2/2015	SED	9	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

SDG	Location	Sample ID	Sample Date	Media	Metals	TOC
					SW846 6020 Count	SW846 9060 Count
SDG_13	SD2014-TF-F1	SD14TFF102FS	4/3/2015	SED	9	
SDG_13	SD2014-TF-H2	SD14TFH203FS	4/2/2015	SED	9	
SDG_13	SD2015-TF-EF01	SD15TFEF0103FS	4/3/2015	SED	9	
SDG_13	SD2015-TF-EF01	SD15TFEF0105FS	4/3/2015	SED	9	
SDG_13	SD2015-TF-H01	SD15TFH0103FS	4/2/2015	SED	9	
SDG_13	SD2015-TF-H01	SD15TFH0105FS	4/2/2015	SED	9	
SDG_13	SD2015-TF-H01	SD15TFH0107FS	4/2/2015	SED	9	
SDG_13	SD2015-TF-H1	SD15TFH103FS	4/2/2015	SED	9	
SDG_13	SD2015-TF-H1	SD15TFH105FS	4/2/2015	SED	9	
SDG_13	SD2015-TF-H1	SD15TFH107FS	4/2/2015	SED	9	
SDG_14	SD2014-TF-EF0	SD14TFEF003FS	4/3/2015	SED	9	
SDG_14	SD2014-TF-EF0	SD14TFEF005FS	4/3/2015	SED	9	
SDG_14	SD2014-TF-EF0	SD14TFEF007FS	4/3/2015	SED	9	
SDG_14	SD2015-TF-AB12	SD15TFAB1203FS	4/6/2015	SED	9	
SDG_14	SD2015-TF-AB12	SD15TFAB1205FS	4/6/2015	SED	9	
SDG_14	SD2015-TF-E0	SD15TFE003FS	4/3/2015	SED	9	
SDG_14	SD2015-TF-E0	SD15TFE005FS	4/3/2015	SED	9	
SDG_14	SD2015-TF-EF01	SD15TFEF0107FS	4/3/2015	SED	9	
SDG_14	SD2015-TF-EF1	SD15TFEF103FS	4/3/2015	SED	9	
SDG_14	SD2015-TF-EF1	SD15TFEF105FS	4/3/2015	SED	9	
SDG_15	SD2014-TF-A1	SD14TFA103FS	4/6/2015	SED	9	
SDG_15	SD2014-TF-B1	SD14TFB103FS	4/6/2015	SED	9	
SDG_15	SD2014-TF-B1	SD14TFB105FS	4/6/2015	SED	9	
SDG_15	SD2014-TF-B1	SD14TFB107FS	4/6/2015	SED	9	
SDG_15	SD2015-TF-A01	SD15TFA0103FS	4/6/2015	SED	9	
SDG_15	SD2015-TF-A01	SD15TFA0105FS	4/6/2015	SED	9	
SDG_15	SD2015-TF-AB12	SD15TFAB1207FS	4/6/2015	SED	9	
SDG_16H	SD2014-OF8-12	SD14OF1203FSH	4/7/2015	SED		
SDG_16H	SD2014-OF8-14	SD14OF1403FSH	4/7/2015	SED		
SDG_16H	SD2014-OF8-15	SD14OF1503FSH	4/7/2015	SED		
SDG_16H	SD2014-TF-D7	SD14TFD703FSH	4/3/2015	SED		
SDG_16H	SD2015-TF-E7	SD15TFE703FSH	4/2/2015	SED	9	
SDG_16H	SD2015-TF-GH5	SD15TFGH503FSH	4/2/2015	SED	9	
SDG_17H	SD2014-OF-04	SD14OF0403FSH	4/7/2015	SED	9	
SDG_17H	SD2014-OF-05	SD14OF0503FSH	4/7/2015	SED	9	
SDG_17H	SD2014-OF-07	SD14OF0703FSH	4/7/2015	SED	9	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

SDG	Location	Sample ID	Sample Date	Media	Metals	TOC
					SW846 6020 Count	SW846 9060 Count
SDG_17H	SD2014-OF-09	SD14OF0903FSH	4/7/2015	SED	9	
SDG_17H	SD2014-OF-10	SD14OF1003FSH	4/7/2015	SED	9	
SDG_17H	SD2014-OF8-12	SD14OF1203FSH	4/7/2015	SED	9	
SDG_17H	SD2014-OF8-14	SD14OF1403FSH	4/7/2015	SED	9	
SDG_17H	SD2014-OF8-15	SD14OF1503FSH	4/7/2015	SED	9	

Table 2
Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

PARAMETER	QC TEST	ANALYTE	SOIL (%R)	SOIL (RPD)
PAHs	Surrogate	Acid Compounds	30 - 130	NA
		Base-Neutral Compounds	30 - 130	NA
	MS/MSD	Acid Compounds	30 - 130	30
		Base-Neutral Compounds	40 - 140	30
	LCS	Acid Compounds	30 - 130	Lab Limits
		Base-Neutral Compounds	40 - 140	Lab Limits
PCBs	Surrogate	All Surrogates	30 - 150	NA
	MS/MSD	All Target Compounds	40 - 140	50
	LCS	All Target Compounds	40 - 140	Lab Limits
PCB Homologs	Surrogate	All Surrogates	40 - 140	Lab Limits
	MS/MSD	All Target Compounds	40 - 140	Lab Limits
	LCS	All Target Compounds	40 - 140	Lab Limits
PCB Congeners	Surrogate	All Surrogates	40 - 140	Lab Limits
	MS/MSD	All Target Compounds	40 - 140	Lab Limits
	LCS	All Target Compounds	40 - 140	Lab Limits
Metals	MS/MSD	All Metals	75 - 125	35
	LCS	All Metals	80 - 120	Lab Limits
TOC	MS/MSD	TOC	Lab Limits	Lab Limits
	LCS	TOC	Lab Limits	Lab Limits

Notes:

LCS = Laboratory Control Sample

MS/MSD = Matrix Spike/ Matrix Spike Duplicate

NA = Not Applicable

PAHs = Polynuclear Aromatic Hydrocarbons

PCBs = Polychlorinated Biphenyl

%R = Percent Recovery

QC = Quality Control

RPD = Relative Percent Difference

TOC = Total Organic Carbon

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

SDG	Method	Lab Sample Id	Sample ID	Parameter	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Val Reason Code	Units
SDG_01	8270/680 modified	25823-022	SD14OF0802FS	CI10-BZ#209	2.2		2.2	J	MS-H,MS-RPD	ug/Kg
SDG_01	8270/680 modified	25823-022	SD14OF0802FS	CI2-BZ#8	0.99	U	0.99	UJ	MS-RPD	ug/Kg
SDG_01	8270/680 modified	25823-022	SD14OF0802FS	CI3-BZ#18	2.2		2.2	J	MS-H,MS-RPD	ug/Kg
SDG_01	8270/680 modified	25823-022	SD14OF0802FS	CI3-BZ#28	0.99	U	0.99	UJ	MS-RPD	ug/Kg
SDG_01	8270/680 modified	25823-022	SD14OF0802FS	CI4-BZ#44	12		12	J	MS-H,MS-RPD	ug/Kg
SDG_01	8270/680 modified	25823-022	SD14OF0802FS	CI4-BZ#49	2.1		2.1	J	MS-H,MS-RPD	ug/Kg
SDG_01	8270/680 modified	25823-022	SD14OF0802FS	CI4-BZ#52	0.99	U	0.99	UJ	MS-RPD	ug/Kg
SDG_01	8270/680 modified	25823-022	SD14OF0802FS	CI4-BZ#66	1.4		1.4	J	MS-H,MS-RPD,LD	ug/Kg
SDG_01	8270/680 modified	25823-022	SD14OF0802FS	CI4-BZ#77	0.99	U	0.99	UJ	MS-RPD	ug/Kg
SDG_01	8270/680 modified	25823-022	SD14OF0802FS	CI5-BZ#101	44		44	J	MS-H,MS-RPD	ug/Kg
SDG_01	8270/680 modified	25823-022	SD14OF0802FS	CI5-BZ#105	11		11	J	MS-H,MS-RPD	ug/Kg
SDG_01	8270/680 modified	25823-022	SD14OF0802FS	CI5-BZ#118	25		25	J	MS-H,MS-RPD	ug/Kg
SDG_01	8270/680 modified	25823-022	SD14OF0802FS	CI5-BZ#126	0.99	U	0.99	UJ	MS-RPD	ug/Kg
SDG_01	8270/680 modified	25823-022	SD14OF0802FS	CI5-BZ#128	14		14	J	MS-H,MS-RPD	ug/Kg
SDG_01	8270/680 modified	25823-022	SD14OF0802FS	CI5-BZ#87	18		18	J	MS-H,MS-RPD	ug/Kg
SDG_01	8270/680 modified	25823-022	SD14OF0802FS	CI6-BZ#138	41		41	J	MS-H,MS-RPD	ug/Kg
SDG_01	8270/680 modified	25823-022	SD14OF0802FS	CI6-BZ#153	36		36	J	MS-H,MS-RPD	ug/Kg
SDG_01	8270/680 modified	25823-022	SD14OF0802FS	CI6-BZ#170	12		12	J	MS-H,MS-RPD	ug/Kg
SDG_01	8270/680 modified	25823-022	SD14OF0802FS	CI7-BZ#180	30		30	J	MS-H,MS-RPD	ug/Kg
SDG_01	8270/680 modified	25823-022	SD14OF0802FS	CI7-BZ#183	9.2		9.2	J	MS-H,MS-RPD	ug/Kg
SDG_01	8270/680 modified	25823-022	SD14OF0802FS	CI7-BZ#184	0.99	U	0.99	UJ	MS-RPD	ug/Kg
SDG_01	8270/680 modified	25823-022	SD14OF0802FS	CI7-BZ#187	16		16	J	MS-H,MS-RPD	ug/Kg
SDG_01	8270/680 modified	25823-022	SD14OF0802FS	CI8-BZ#195	3.5		3.5	J	MS-H,MS-RPD	ug/Kg
SDG_01	8270/680 modified	25823-022	SD14OF0802FS	CI9-BZ#206	9.9		9.9	J	MS-H,MS-RPD	ug/Kg
SDG_01	SW846 6020	25822-008	SD14TFE602FS	Copper	2030		2,030	J	MS-L	ug/g
SDG_01	SW846 6020	25822-010	SD14TFG502FS	Copper	1140		1,140	J	MS-L	ug/g
SDG_01	SW846 6020	25823-004	SD14OF1702FS	Copper	1180		1,180	J	MS-L	ug/g
SDG_01	SW846 6020	25823-006	SD14OF1602FS	Copper	1620		1,620	J	MS-L	ug/g
SDG_01	SW846 6020	25823-010	SD14OF1302FS	Copper	3530		3,530	J	MS-L	ug/g
SDG_01	SW846 6020	25823-016	SD14OF1102FS	Copper	16.7		16.7	J	MS-L	ug/g
SDG_01	SW846 6020	25823-022	SD14OF0802FS	Copper	91.5	J5	91.5	J	MS-L	ug/g
SDG_01	SW846 6020	25823-025	SD14OF0602FS	Copper	1240		1,240	J	MS-L	ug/g
SDG_01	SW846 6020	25823-030	SD14OF0302FS	Copper	11.1		11.1	J	MS-L	ug/g
SDG_01	SW846 6020	25823-031	SD14OF0303FS	Copper	23.9		23.9	J	MS-L	ug/g
SDG_03	SW 846 8270 SIM	25819-015	SD15TFGH702FS	Phenanthrene	12	B	12	U	BL1	ug/Kg
SDG_03	SW 846 8270 SIM	25819-022	SD15TFK601FS	Phenanthrene	15		15	U	BL1	ug/Kg
SDG_03	SW 846 8270 SIM	25819-023	SD14TFG102FS	Phenanthrene	10	JB	10	U	BL1	ug/Kg

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

SDG	Method	Lab Sample Id	Sample ID	Parameter	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Val Reason Code	Units
SDG_03	SW 846 8270 SIM	25819-035	SD14TFC202FS	Phenanthrene	10	B	10	U	BL1	ug/Kg
SDG_03	SW 846 8270 SIM	25819-041	SD14TFA202FS	Phenanthrene	9	JB	10	U	BL1	ug/Kg
SDG_03	8270/680 modified	25819-021	SD15TFK600FS	Cl5-BZ#128	0.1		0.1	J	LCS-H	ug/Kg
SDG_03	8270/680 modified	25819-022	SD15TFK601FS	Cl5-BZ#128	0.09	J	0.09	J	LCS-H	ug/Kg
SDG_03	8270/680 modified	25819-035	SD14TFC202FS	Cl4-BZ#52	0.16		0.16	J	LD	ug/Kg
SDG_03	8270/680 modified	25819-043	SD14TFC702FS	Cl5-BZ#128	0.1		0.1	J	LCS-H	ug/Kg
SDG_03	SW846 6020	25819-015	SD15TFGH702FS	Chromium	25.8		25.8	J	LCS-L	ug/g
SDG_03	SW846 6020	25819-021	SD15TFK600FS	Chromium	10.2		10.2	J	LCS-L	ug/g
SDG_03	SW846 6020	25819-022	SD15TFK601FS	Chromium	12.3		12.3	J	LCS-L	ug/g
SDG_03	SW846 6020	25819-023	SD14TFG102FS	Chromium	30.5		30.5	J	LCS-L	ug/g
SDG_03	SW846 6020	25819-025	SD15TFDE0103FS	Chromium	21.5		21.5	J	LCS-L	ug/g
SDG_03	SW846 6020	25819-026	SD15TFDE0105FS	Chromium	23.5		23.5	J	LCS-L	ug/g
SDG_03	SW846 6020	25819-027	SD15TFDE0107FS	Chromium	26.9		26.9	J	LCS-L	ug/g
SDG_03	SW846 6020	25819-035	SD14TFC202FS	Chromium	21.7		21.7	J	LCS-L	ug/g
SDG_03	SW846 6020	25819-041	SD14TFA202FS	Chromium	22		22	J	LCS-L	ug/g
SDG_03	SW846 6020	25819-043	SD14TFC702FS	Chromium	13.9		13.9	J	LCS-L	ug/g
SDG_04	8270/680 modified	25774-015	SD15TFH1203FS	Cl10-BZ#209	0.2	UJ7	0.2	UJ	MS-RPD	ug/Kg
SDG_04	8270/680 modified	25774-015	SD15TFH1203FS	Cl2-BZ#8	0.2	U	0.2	UJ	MS-RPD	ug/Kg
SDG_04	8270/680 modified	25774-015	SD15TFH1203FS	Cl3-BZ#18	0.2	U	0.2	UJ	MS-RPD	ug/Kg
SDG_04	8270/680 modified	25774-015	SD15TFH1203FS	Cl3-BZ#28	0.2	UJ7	0.2	UJ	MS-RPD	ug/Kg
SDG_04	8270/680 modified	25774-015	SD15TFH1203FS	Cl4-BZ#44	0.2	UJ7	0.2	UJ	MS-RPD	ug/Kg
SDG_04	8270/680 modified	25774-015	SD15TFH1203FS	Cl4-BZ#49	0.2	U	0.2	UJ	MS-RPD	ug/Kg
SDG_04	8270/680 modified	25774-015	SD15TFH1203FS	Cl4-BZ#52	0.2	UJ7	0.2	UJ	MS-RPD	ug/Kg
SDG_04	8270/680 modified	25774-015	SD15TFH1203FS	Cl4-BZ#66	0.2	U	0.2	UJ	MS-RPD	ug/Kg
SDG_04	8270/680 modified	25774-015	SD15TFH1203FS	Cl4-BZ#77	0.2	UJ7	0.2	UJ	MS-RPD	ug/Kg
SDG_04	8270/680 modified	25774-015	SD15TFH1203FS	Cl5-BZ#101	0.2	UJ7	0.2	UJ	MS-RPD	ug/Kg
SDG_04	8270/680 modified	25774-015	SD15TFH1203FS	Cl5-BZ#105	0.2	UJ7	0.2	UJ	MS-RPD	ug/Kg
SDG_04	8270/680 modified	25774-015	SD15TFH1203FS	Cl5-BZ#118	0.2	U	0.2	UJ	MS-RPD	ug/Kg
SDG_04	8270/680 modified	25774-015	SD15TFH1203FS	Cl5-BZ#126	0.2	UJ7	0.2	UJ	MS-RPD	ug/Kg
SDG_04	8270/680 modified	25774-015	SD15TFH1203FS	Cl5-BZ#128	0.2	UJ7	0.2	UJ	MS-RPD	ug/Kg
SDG_04	8270/680 modified	25774-015	SD15TFH1203FS	Cl5-BZ#87	0.2	UJ7	0.2	UJ	MS-RPD	ug/Kg
SDG_04	8270/680 modified	25774-015	SD15TFH1203FS	Cl6-BZ#138	0.2	UJ7	0.2	UJ	MS-RPD	ug/Kg
SDG_04	8270/680 modified	25774-015	SD15TFH1203FS	Cl6-BZ#153	0.2	UJ7	0.2	UJ	MS-RPD	ug/Kg
SDG_04	8270/680 modified	25774-015	SD15TFH1203FS	Cl6-BZ#170	0.2	UJ7	0.2	UJ	MS-RPD	ug/Kg
SDG_04	8270/680 modified	25774-015	SD15TFH1203FS	Cl7-BZ#180	0.2	UJ7	0.2	UJ	MS-RPD	ug/Kg
SDG_04	8270/680 modified	25774-015	SD15TFH1203FS	Cl7-BZ#183	0.2	UJ7	0.2	UJ	MS-RPD	ug/Kg
SDG_04	8270/680 modified	25774-015	SD15TFH1203FS	Cl7-BZ#184	0.2	UJ7	0.2	UJ	MS-RPD	ug/Kg

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

SDG	Method	Lab Sample Id	Sample ID	Parameter	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Val Reason Code	Units
SDG_04	8270/680 modified	25774-015	SD15TFH1203FS	CI7-BZ#187	0.2	UJ7	0.2	UJ	MS-RPD	ug/Kg
SDG_04	8270/680 modified	25774-015	SD15TFH1203FS	CI8-BZ#195	0.2	UJ7	0.2	UJ	MS-RPD	ug/Kg
SDG_04	8270/680 modified	25774-015	SD15TFH1203FS	CI9-BZ#206	0.2	UJ7	0.2	UJ	MS-RPD	ug/Kg
SDG_05H	SW 846 8270 SIM	25774-002	SD14TFL303FSH	Naphthalene	220		220	J	LCS-L	ug/Kg
SDG_05H	SW 846 8270 SIM	25819-001	SD14TFG503FSH	Naphthalene	52		52	J	LCS-L	ug/Kg
SDG_05H	SW 846 8270 SIM	25819-001	SD14TFG503FSH	Phenanthrene	61	B	61	U	BL1	ug/Kg
SDG_05H	SW 846 8270 SIM	25819-003	SD14TFH503FSH	Naphthalene	160		160	J	LCS-L	ug/Kg
SDG_05H	SW 846 8270 SIM	25822-009	SD14TFE603FSH	Naphthalene	260		260	J	LCS-L	ug/Kg
SDG_05H	SW 846 8270 SIM	25823-003	SD14OF1803FSH	Naphthalene	10	U	10	UJ	LCS-L	ug/Kg
SDG_05H	SW 846 8270 SIM	25823-003	SD14OF1803FSH	Phenanthrene	46	B	46	U	BL1	ug/Kg
SDG_05H	SW 846 8270 SIM	25823-005	SD14OF1703FSH	Naphthalene	100		100	J	LCS-L	ug/Kg
SDG_05H	SW 846 8270 SIM	25823-007	SD14OF1603FSH	Naphthalene	380		380	J	LCS-L	ug/Kg
SDG_05H	SW 846 8270 SIM	25823-011	SD14OF1303FSH	Naphthalene	78		78	J	LCS-L	ug/Kg
SDG_05H	SW 846 8270 SIM	25823-017	SD14OF1103FSH	Naphthalene	10	U	10	UJ	LCS-L	ug/Kg
SDG_05H	SW 846 8270 SIM	25823-017	SD14OF1103FSH	Phenanthrene	18	B	18	U	BL1	ug/Kg
SDG_05H	SW 846 8270 SIM	25823-026	SD14OF0603FSH	Naphthalene	10	U	10	UJ	LCS-L	ug/Kg
SDG_05H	SW 846 8270 SIM	25823-026	SD14OF0603FSH	Phenanthrene	27	B	27	U	BL1	ug/Kg
SDG_05H	8270/680 modified	25823-003	SD14OF1803FSH	CI6-BZ#138	0.9		0.9	J	MS-RPD	ug/Kg
SDG_05H	8270/680 modified	25823-003	SD14OF1803FSH	CI6-BZ#153	0.71		0.71	J	MS-H,MS-RPD	ug/Kg
SDG_05H	8270/680 modified	25823-003	SD14OF1803FSH	CI7-BZ#180	0.34		0.34	J	MS-RPD	ug/Kg
SDG_05H	8270/680 modified	25823-003	SD14OF1803FSH	CI7-BZ#187	0.35		0.35	J	MS-RPD	ug/Kg
SDG_05H	8270/680 modified	25823-011	SD14OF1303FSH	CI10-BZ#209	24		24	J	SS-H	ug/Kg
SDG_05H	8270/680 modified	25823-011	SD14OF1303FSH	CI4-BZ#44	6.1		6.1	J	SS-H	ug/Kg
SDG_05H	8270/680 modified	25823-011	SD14OF1303FSH	CI4-BZ#49	4.8		4.8	J	SS-H	ug/Kg
SDG_05H	8270/680 modified	25823-011	SD14OF1303FSH	CI4-BZ#52	11		11	J	SS-H	ug/Kg
SDG_05H	8270/680 modified	25823-011	SD14OF1303FSH	CI4-BZ#66	5.1		5.1	J	SS-H	ug/Kg
SDG_05H	8270/680 modified	25823-011	SD14OF1303FSH	CI5-BZ#101	35		35	J	SS-H	ug/Kg
SDG_05H	8270/680 modified	25823-011	SD14OF1303FSH	CI5-BZ#105	10		10	J	SS-H	ug/Kg
SDG_05H	8270/680 modified	25823-011	SD14OF1303FSH	CI5-BZ#118	21		21	J	SS-H	ug/Kg
SDG_05H	8270/680 modified	25823-011	SD14OF1303FSH	CI5-BZ#128	14		14	J	SS-H	ug/Kg
SDG_05H	8270/680 modified	25823-011	SD14OF1303FSH	CI5-BZ#87	17		17	J	SS-H	ug/Kg
SDG_05H	8270/680 modified	25823-011	SD14OF1303FSH	CI6-BZ#138	56		56	J	SS-H	ug/Kg
SDG_05H	8270/680 modified	25823-011	SD14OF1303FSH	CI6-BZ#153	75		75	J	SS-H	ug/Kg
SDG_05H	8270/680 modified	25823-011	SD14OF1303FSH	CI6-BZ#170	28		28	J	SS-H	ug/Kg
SDG_05H	8270/680 modified	25823-011	SD14OF1303FSH	CI7-BZ#180	110		110	J	SS-H	ug/Kg
SDG_05H	8270/680 modified	25823-011	SD14OF1303FSH	CI7-BZ#183	23		23	J	SS-H	ug/Kg
SDG_05H	8270/680 modified	25823-011	SD14OF1303FSH	CI7-BZ#187	90		90	J	SS-H	ug/Kg

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

SDG	Method	Lab Sample Id	Sample ID	Parameter	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Val Reason Code	Units
SDG_05H	8270/680 modified	25823-011	SD14OF1303FSH	Cl8-BZ#195	20		20	J	SS-H	ug/Kg
SDG_05H	8270/680 modified	25823-011	SD14OF1303FSH	Cl9-BZ#206	190		190	J	SS-H	ug/Kg
SDG_05H	SW846 6020	25774-002	SD14TFL303FSH	Chromium	277		277	J	LCS-L	ug/g
SDG_05H	SW846 6020	25819-001	SD14TFG503FSH	Chromium	21.9		21.9	J	LCS-L	ug/g
SDG_05H	SW846 6020	25819-003	SD14TFH503FSH	Chromium	71		71	J	LCS-L	ug/g
SDG_05H	SW846 6020	25819-046	SD14TFD703FSH	Chromium	3.9		3.9	J	LCS-L	ug/g
SDG_05H	SW846 6020	25822-009	SD14TFE603FSH	Chromium	850		850	J	LCS-L	ug/g
SDG_05H	SW846 6020	25823-003	SD14OF1803FSH	Chromium	19.2		19.2	J	LCS-L	ug/g
SDG_05H	SW846 6020	25823-005	SD14OF1703FSH	Chromium	7100		7,100	J	LCS-L	ug/g
SDG_05H	SW846 6020	25823-007	SD14OF1603FSH	Chromium	8820		8,820	J	LCS-L	ug/g
SDG_05H	SW846 6020	25823-011	SD14OF1303FSH	Chromium	8370		8,370	J	LCS-L	ug/g
SDG_05H	SW846 6020	25823-017	SD14OF1103FSH	Chromium	12.5		12.5	J	LCS-L	ug/g
SDG_05H	SW846 6020	25823-026	SD14OF0603FSH	Chromium	48.9		48.9	J	LCS-L	ug/g
SDG_07	SW846 6020	25823-001	SD14OF1903FS	Lead	56.7		56.7	J	MS-L	ug/g
SDG_07	SW846 6020	25823-002	SD14OF1802FS	Lead	68.4		68.4	J	MS-L	ug/g
SDG_07	SW846 6020	25823-008	SD14OF1502FS	Lead	61.7		61.7	J	MS-L	ug/g
SDG_07	SW846 6020	25823-012	SD14OF1202FS	Lead	360		360	J	MS-L	ug/g
SDG_07	SW846 6020	25823-014	SD14OF1402FS	Lead	1100		1,100	J	MS-L	ug/g
SDG_07	SW846 6020	25823-018	SD14OF1002FS	Lead	496		496	J	MS-L	ug/g
SDG_07	SW846 6020	25823-020	SD14OF0902FS	Lead	170		170	J	MS-L	ug/g
SDG_07	SW846 6020	25823-023	SD14OF0702FS	Lead	294		294	J	MS-L	ug/g
SDG_07	SW846 6020	25823-027	SD14OF0502FS	Lead	80.5		80.5	J	MS-L	ug/g
SDG_07	SW846 6020	25823-032	SD14OF0102FS	Lead	111		111	J	MS-L	ug/g
SDG_07	SW846 8082	25823-027	SD14OF0502FS	Aroclor-1262	0.21		0.21	J	LD	ug/g
SDG_08	SW846 6020	25819-004	SD15TFG600FS	Chromium	91.3		91.3	J	LCS-L	ug/g
SDG_08	SW846 6020	25819-005	SD15TFG601FS	Chromium	108		108	J	LCS-L	ug/g
SDG_08	SW846 6020	25819-006	SD15TFG602FS	Chromium	107		107	J	LCS-L	ug/g
SDG_08	SW846 6020	25819-008	SD15TFGH601FS	Chromium	12		12	J	LCS-L	ug/g
SDG_08	SW846 6020	25819-017	SD15TFH600FS	Chromium	7.54		7.54	J	LCS-L	ug/g
SDG_08	SW846 6020	25819-018	SD15TFH601FS	Chromium	12.9		12.9	J	LCS-L	ug/g
SDG_08	SW846 6020	25819-019	SD15TFH602FS	Chromium	10		10	J	LCS-L	ug/g
SDG_08	SW846 6020	25819-020	SD15TFJ600FS	Chromium	8.58		8.58	J	LCS-L	ug/g
SDG_08	SW846 6020	25823-033	SD14TFE107FS	Chromium	21.8		21.8	J	LCS-L	ug/g
SDG_08	SW846 6020	25823-034	SD14OF0103FSH	Chromium	4110		4110	J	LCS-L	ug/g
SDG_10	8270SIM	25822-001	SD15TFGH500FS	Monochlorobiphenyl (total)	26		26	J	LCS-L	ug/Kg
SDG_10	8270SIM	25822-001	SD15TFGH500FS	Pentachlorobiphenyl (total)	9600		9,600	J	LCS-L	ug/Kg
SDG_10	8270SIM	25822-002	SD15TFGH502FS	Monochlorobiphenyl (total)	0.9	U	0.9	UJ	LCS-L	ug/Kg

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

SDG	Method	Lab Sample Id	Sample ID	Parameter	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Val Reason Code	Units
SDG_10	8270SIM	25822-002	SD15TFGH502FS	Pentachlorobiphenyl (total)	370		370	J	LCS-L	ug/Kg
SDG_10	8270SIM	25822-004	SD15TFE700FS	Monochlorobiphenyl (total)	0.91	U	0.91	UJ	LCS-L	ug/Kg
SDG_10	8270SIM	25822-004	SD15TFE700FS	Pentachlorobiphenyl (total)	160		160	J	LCS-L	ug/Kg
SDG_10	8270SIM	25822-005	SD15TFE701FS	Monochlorobiphenyl (total)	0.92	U	0.92	UJ	LCS-L	ug/Kg
SDG_10	8270SIM	25822-005	SD15TFE701FS	Pentachlorobiphenyl (total)	180		180	J	LCS-L	ug/Kg
SDG_10	8270SIM	25822-006	SD15TFE702FS	Monochlorobiphenyl (total)	0.88	U	0.88	UJ	LCS-L	ug/Kg
SDG_10	8270SIM	25822-006	SD15TFE702FS	Pentachlorobiphenyl (total)	5.9		5.9	J	LCS-L	ug/Kg
SDG_10	8270SIM	25822-011	SD15TFG700FS	Monochlorobiphenyl (total)	0.89	U	0.89	UJ	LCS-L	ug/Kg
SDG_10	8270SIM	25822-011	SD15TFG700FS	Pentachlorobiphenyl (total)	7.5		7.5	J	LCS-L	ug/Kg
SDG_10	8270SIM	25822-012	SD15TFG702FS	Monochlorobiphenyl (total)	0.88	U	0.88	UJ	LCS-L	ug/Kg
SDG_10	8270SIM	25822-012	SD15TFG702FS	Pentachlorobiphenyl (total)	7		7	J	LCS-L	ug/Kg
SDG_10	8270SIM	25822-013	SD14TFGH103FS	Hexachlorobiphenyl (total)	4.2	U	4.2	UJ	LD	ug/Kg
SDG_10	8270SIM	25822-013	SD14TFGH103FS	Monochlorobiphenyl (total)	0.91	U	0.91	UJ	LCS-L,MS-L	ug/Kg
SDG_10	8270SIM	25822-013	SD14TFGH103FS	Pentachlorobiphenyl (total)	4.6	U	4.6	UJ	LCS-L,MS-L	ug/Kg
SDG_10	8270SIM	25822-014	SD14TFC502FS	Monochlorobiphenyl (total)	0.88	U	0.88	UJ	LCS-L	ug/Kg
SDG_10	8270SIM	25822-014	SD14TFC502FS	Pentachlorobiphenyl (total)	4.5	U	4.5	UJ	LCS-L	ug/Kg
SDG_10	8270SIM	25822-016	SD14TFA502FS	Monochlorobiphenyl (total)	0.9	U	0.9	UJ	LCS-L	ug/Kg
SDG_10	8270SIM	25822-016	SD14TFA502FS	Pentachlorobiphenyl (total)	4.6	U	4.6	UJ	LCS-L	ug/Kg
SDG_10	SW846 6020	25822-001	SD15TFGH500FS	Chromium	348		348	J	MS-L	ug/g
SDG_10	SW846 6020	25822-002	SD15TFGH502FS	Chromium	694		694	J	MS-L	ug/g
SDG_10	SW846 6020	25822-004	SD15TFE700FS	Chromium	192		192	J	MS-L	ug/g
SDG_10	SW846 6020	25822-005	SD15TFE701FS	Chromium	357		357	J	MS-L	ug/g
SDG_10	SW846 6020	25822-006	SD15TFE702FS	Chromium	555		555	J	MS-L	ug/g
SDG_10	SW846 6020	25822-011	SD15TFG700FS	Chromium	21.3		21.3	J	MS-L	ug/g
SDG_10	SW846 6020	25822-012	SD15TFG702FS	Chromium	36.7		36.7	J	MS-L	ug/g
SDG_10	SW846 6020	25822-013	SD14TFGH103FS	Chromium	37	J5,J8	37	J	MS-L	ug/g
SDG_10	SW846 6020	25822-014	SD14TFC502FS	Chromium	14.3		14.3	J	MS-L	ug/g
SDG_10	SW846 6020	25822-016	SD14TFA502FS	Chromium	24.8		24.8	J	MS-L	ug/g
SDG_12	8270SIM	25774-003	SD15TFJ103FS	Dichlorobiphenyl (total)	2.3	U	2.3	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-003	SD15TFJ103FS	Monochlorobiphenyl (total)	0.9	U	0.9	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-003	SD15TFJ103FS	Pentachlorobiphenyl (total)	4.5	U	4.5	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-003	SD15TFJ103FS	Trichlorobiphenyl (total)	2.3	U	2.3	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-004	SD15TFJ105FS	Dichlorobiphenyl (total)	2.3	U	2.3	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-004	SD15TFJ105FS	Monochlorobiphenyl (total)	0.9	U	0.9	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-004	SD15TFJ105FS	Pentachlorobiphenyl (total)	4.4	U	4.4	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-004	SD15TFJ105FS	Trichlorobiphenyl (total)	2.3	U	2.3	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-005	SD14TFJ202FS	Dichlorobiphenyl (total)	2.3	U	2.3	UJ	LCS-L	ug/Kg

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

SDG	Method	Lab Sample Id	Sample ID	Parameter	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Val Reason Code	Units
SDG_12	8270SIM	25774-005	SD14TFJ202FS	Monochlorobiphenyl (total)	0.9	U	0.9	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-005	SD14TFJ202FS	Pentachlorobiphenyl (total)	4.5	U	4.5	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-005	SD14TFJ202FS	Trichlorobiphenyl (total)	2.3	U	2.3	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-007	SD14TFHJ103FS	Dichlorobiphenyl (total)	2.4	U	2.4	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-007	SD14TFHJ103FS	Monochlorobiphenyl (total)	0.9	U	0.9	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-007	SD14TFHJ103FS	Pentachlorobiphenyl (total)	5.5		5.5	J	LCS-L	ug/Kg
SDG_12	8270SIM	25774-007	SD14TFHJ103FS	Trichlorobiphenyl (total)	2.4	U	2.4	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-008	SD14TFHJ105FS	Dichlorobiphenyl (total)	2.3	U	2.3	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-008	SD14TFHJ105FS	Monochlorobiphenyl (total)	0.9	U	0.9	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-008	SD14TFHJ105FS	Pentachlorobiphenyl (total)	9.4		9.4	J	LCS-L	ug/Kg
SDG_12	8270SIM	25774-008	SD14TFHJ105FS	Trichlorobiphenyl (total)	2.3	U	2.3	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-009	SD15TFGH1203FS	Dichlorobiphenyl (total)	3.3		3.3	J	LCS-L	ug/Kg
SDG_12	8270SIM	25774-009	SD15TFGH1203FS	Monochlorobiphenyl (total)	1.9		1.9	J	LCS-L	ug/Kg
SDG_12	8270SIM	25774-009	SD15TFGH1203FS	Pentachlorobiphenyl (total)	170		170	J	LCS-L	ug/Kg
SDG_12	8270SIM	25774-009	SD15TFGH1203FS	Trichlorobiphenyl (total)	46		46	J	LCS-L	ug/Kg
SDG_12	8270SIM	25774-010	SD15TFGH1205FS	Dichlorobiphenyl (total)	2.5	U	2.5	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-010	SD15TFGH1205FS	Monochlorobiphenyl (total)	0.9	U	0.9	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-010	SD15TFGH1205FS	Pentachlorobiphenyl (total)	4.7	U	4.7	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-010	SD15TFGH1205FS	Trichlorobiphenyl (total)	2.5	U	2.5	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-011	SD15TFGH1207FS	Dichlorobiphenyl (total)	2.4	U	2.4	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-011	SD15TFGH1207FS	Monochlorobiphenyl (total)	0.9	U	0.9	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-011	SD15TFGH1207FS	Pentachlorobiphenyl (total)	4.6	U	4.6	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-011	SD15TFGH1207FS	Trichlorobiphenyl (total)	2.4	U	2.4	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-045	SD14TFA105FS	Dichlorobiphenyl (total)	2.4	U	2.4	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-045	SD14TFA105FS	Monochlorobiphenyl (total)	0.9	U	0.9	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-045	SD14TFA105FS	Pentachlorobiphenyl (total)	4.6	U	4.6	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25774-045	SD14TFA105FS	Trichlorobiphenyl (total)	2.4	U	2.4	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25822-034	SD14TFB703FS	Dichlorobiphenyl (total)	2.3	U	2.3	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25822-034	SD14TFB703FS	Monochlorobiphenyl (total)	0.9	U	0.9	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25822-034	SD14TFB703FS	Pentachlorobiphenyl (total)	4.5	U	4.5	UJ	LCS-L	ug/Kg
SDG_12	8270SIM	25822-034	SD14TFB703FS	Trichlorobiphenyl (total)	2.3	U	2.3	UJ	LCS-L	ug/Kg
SDG_12	SW846 6020	25774-003	SD15TFJ103FS	Lead	4.43		4.43	J	MS-H	ug/g
SDG_12	SW846 6020	25774-004	SD15TFJ105FS	Lead	2.53		2.53	J	MS-H	ug/g
SDG_12	SW846 6020	25774-005	SD14TFJ202FS	Lead	6.07		6.07	J	MS-H	ug/g
SDG_12	SW846 6020	25774-007	SD14TFHJ103FS	Lead	15.5		15.5	J	MS-H	ug/g
SDG_12	SW846 6020	25774-007	SD14TFHJ103FS	Mercury	0.48		0.48	J	MS-H	ug/g
SDG_12	SW846 6020	25774-008	SD14TFHJ105FS	Lead	6.35		6.35	J	MS-H	ug/g

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

SDG	Method	Lab Sample Id	Sample ID	Parameter	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Val Reason Code	Units
SDG_12	SW846 6020	25774-008	SD14TFHJ105FS	Mercury	0.23		0.23	J	MS-H	ug/g
SDG_12	SW846 6020	25774-009	SD15TFGH1203FS	Lead	65.4	J6	65.4	J	MS-H	ug/g
SDG_12	SW846 6020	25774-009	SD15TFGH1203FS	Mercury	1	J6	1	J	MS-H	ug/g
SDG_12	SW846 6020	25774-010	SD15TFGH1205FS	Lead	5.54		5.54	J	MS-H	ug/g
SDG_12	SW846 6020	25774-011	SD15TFGH1207FS	Lead	6.89		6.89	J	MS-H	ug/g
SDG_12	SW846 6020	25774-045	SD14TFA105FS	Lead	5.65		5.65	J	MS-H	ug/g
SDG_12	SW846 6020	25822-034	SD14TFB703FS	Lead	155		155	J	MS-H	ug/g
SDG_12	SW846 6020	25822-034	SD14TFB703FS	Mercury	0.98		0.98	J	MS-H	ug/g
SDG_12	SW846 8082	25774-009	SD15TFGH1203FS	Aroclor-1248	0.026	U	0.026	UJ	LD	ug/g
SDG_16H	8270SIM	25819-046	SD14TFD703FSH	Pentachlorobiphenyl (total)	4.8	U	4.8	UJ	LCS-L	ug/Kg
SDG_16H	8270SIM	25822-003	SD15TFGH503FSH	Pentachlorobiphenyl (total)	16		16	J	LCS-L	ug/Kg
SDG_16H	8270SIM	25822-007	SD15TFE703FSH	Pentachlorobiphenyl (total)	4.6	U	4.6	UJ	LCS-L	ug/Kg
SDG_16H	8270SIM	25823-009	SD14OF1503FSH	Pentachlorobiphenyl (total)	4.7	U	4.7	UJ	LCS-L	ug/Kg
SDG_16H	8270SIM	25823-013	SD14OF1203FSH	Pentachlorobiphenyl (total)	4.6	U	4.6	UJ	LCS-L	ug/Kg
SDG_16H	8270SIM	25823-015	SD14OF1403FSH	Pentachlorobiphenyl (total)	4.6	U	4.6	UJ	LCS-L	ug/Kg
SDG_17H	8270SIM	25823-019	SD14OF1003FSH	Decachlorobiphenyl (total)	1.4		1.4	J	LD,MS-L	ug/Kg
SDG_17H	8270SIM	25823-019	SD14OF1003FSH	Dichlorobiphenyl (total)	24	U	24	UJ	MS-L,LD	ug/Kg
SDG_17H	8270SIM	25823-019	SD14OF1003FSH	Heptachlorobiphenyl (total)	170	J20	170	J	MS-L	ug/Kg
SDG_17H	8270SIM	25823-019	SD14OF1003FSH	Hexachlorobiphenyl (total)	350	J20	350	J	MS-L	ug/Kg
SDG_17H	8270SIM	25823-019	SD14OF1003FSH	Monochlorobiphenyl (total)	9	U	9	UJ	LCS-RPD,MS-L	ug/Kg
SDG_17H	8270SIM	25823-019	SD14OF1003FSH	Nonachlorobiphenyl (total)	20		20	J	MS-L	ug/Kg
SDG_17H	8270SIM	25823-019	SD14OF1003FSH	Octachlorobiphenyl (total)	81	J20	81	J	MS-L	ug/Kg
SDG_17H	8270SIM	25823-019	SD14OF1003FSH	PCB (total)	1100	J20	1,100	J	MS-L	ug/Kg
SDG_17H	8270SIM	25823-019	SD14OF1003FSH	Pentachlorobiphenyl (total)	370	J20	370	J	MS-L	ug/Kg
SDG_17H	8270SIM	25823-019	SD14OF1003FSH	Tetrachlorobiphenyl (total)	66		66	J	MS-L	ug/Kg
SDG_17H	8270SIM	25823-019	SD14OF1003FSH	Trichlorobiphenyl (total)	24	U	24	UJ	MS-L	ug/Kg
SDG_17H	8270SIM	25823-021	SD14OF0903FSH	Monochlorobiphenyl (total)	4.6	U	4.6	UJ	LCS-RPD	ug/Kg
SDG_17H	8270SIM	25823-024	SD14OF0703FSH	Monochlorobiphenyl (total)	0.9	U	0.9	UJ	LCS-RPD	ug/Kg
SDG_17H	8270SIM	25823-028	SD14OF0503FSH	Monochlorobiphenyl (total)	0.9	U	0.9	UJ	LCS-RPD	ug/Kg
SDG_17H	8270SIM	25823-029	SD14OF0403FSH	Monochlorobiphenyl (total)	0.9	U	0.9	UJ	LCS-RPD	ug/Kg
SDG_17H	SW846 8082	25823-019	SD14OF1003FSH	Aroclor-1260	0.46	J5	0.46	J	MS-L	ug/g

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_01		SDG_01		SDG_01		SDG_01		
				Location	SD2014-OF-03		SD2014-OF-03		SD2014-OF-06		SD2014-OF-08		
				Sample Date	4/7/2015		4/7/2015		4/7/2015		4/7/2015		
				Sample ID	SD14OF0302FS		SD14OF0303FS		SD14OF0602FS		SD14OF0802FS		
				Qc Code	FS		FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	PAHs	N		Acenaphthene	ug/Kg	10	U	10	U	54	J	99	U
SED	PAHs	N		Acenaphthylene	ug/Kg	10	U	10	U	60	J	99	U
SED	PAHs	N		Anthracene	ug/Kg	10	U	10	U	110		99	U
SED	PAHs	N		Benzo(a)anthracene	ug/Kg	6	J	10	U	540		110	
SED	PAHs	N		Benzo(a)pyrene	ug/Kg	7	J	10	U	480		100	
SED	PAHs	N		Benzo(b)fluoranthene	ug/Kg	7	J	10	U	610		250	
SED	PAHs	N		Benzo(ghi)perylene	ug/Kg	8	J	10	U	370		94	J
SED	PAHs	N		Benzo(k)fluoranthene	ug/Kg	8	J	10	U	600		250	
SED	PAHs	N		Chrysene	ug/Kg	10	U	10	U	860		160	
SED	PAHs	N		Dibenz(a,h)anthracene	ug/Kg	7	J	10	U	60	J	99	U
SED	PAHs	N		Fluoranthene	ug/Kg	10	U	7	J	1300		240	
SED	PAHs	N		Fluorene	ug/Kg	10	U	10	U	96	J	99	U
SED	PAHs	N		Indeno(1,2,3-cd)pyrene	ug/Kg	8	J	10	U	400		98	J
SED	PAHs	N		Naphthalene	ug/Kg	10	U	10	U	100	U	99	U
SED	PAHs	N		Phenanthrene	ug/Kg	10	U	7	J	250		79	J
SED	PAHs	N		Pyrene	ug/Kg	6	J	6	J	1200		320	
SED	Aroclors	N		Aroclor-1016	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1221	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1232	ug/g	0.025	U	0.025	U	0.037		0.025	U
SED	Aroclors	N		Aroclor-1242	ug/g	0.025	U	0.025	U	0.041		0.025	U
SED	Aroclors	N		Aroclor-1248	ug/g	0.025	U	0.025	U	0.15		0.025	U
SED	Aroclors	N		Aroclor-1254	ug/g	0.025	U	0.025	U	0.44		0.025	U
SED	Aroclors	N		Aroclor-1260	ug/g	0.025	U	0.025	U	1.2		0.16	
SED	Aroclors	N		Aroclor-1262	ug/g	0.025	U	0.025	U	0.97		0.13	
SED	Aroclors	N		Aroclor-1268	ug/g	0.025	U	0.025	U	0.026		0.025	U
SED	Homologs	N		Decachlorobiphenyl (total)	ug/Kg	0.5	U	0.5	U	3.3		0.51	
SED	Homologs	N		Dichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.4	U	25	
SED	Homologs	N		Heptachlorobiphenyl (total)	ug/Kg	0.57	U	0.88	U	360		91	
SED	Homologs	N		Hexachlorobiphenyl (total)	ug/Kg	0.65	U	0.23	U	690		140	
SED	Homologs	N		Monochlorobiphenyl (total)	ug/Kg	0.9	U	0.91	U	0.9	U	0.89	U
SED	Homologs	N		Nonachlorobiphenyl (total)	ug/Kg	0.9	U	0.91	U	38		12	
SED	Homologs	N		Octachlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	120		51	
SED	Homologs	N		Total Homolog (PCBs)	ug/Kg	6.3	U	1.9	U	1800		590	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_01		SDG_01		SDG_01		SDG_01		
				Location	SD2014-OF-03		SD2014-OF-03		SD2014-OF-06		SD2014-OF-08		
				Sample Date	4/7/2015		4/7/2015		4/7/2015		4/7/2015		
				Sample ID	SD14OF0302FS		SD14OF0303FS		SD14OF0602FS		SD14OF0802FS		
				Qc Code	FS		FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Homologs	N		Pentachlorobiphenyl (total)	ug/Kg	4.7		0.79 U		540		220	
SED	Homologs	N		Tetrachlorobiphenyl (total)	ug/Kg	0.45 U		4.2 U		44		23	
SED	Homologs	N		Trichlorobiphenyl (total)	ug/Kg	2.4 U		2.4 U		2.4 U		24	
SED	PCB Congeners	N		Cl10-BZ#209	ug/Kg	0.091 J		0.1 U		4.7		2.2 J	
SED	PCB Congeners	N		Cl2-BZ#8	ug/Kg	0.1 U		0.15		1 U		0.99 UJ	
SED	PCB Congeners	N		Cl3-BZ#18	ug/Kg	0.1 U		0.1 U		1 U		2.2 J	
SED	PCB Congeners	N		Cl3-BZ#28	ug/Kg	0.1 U		0.1 U		1 U		0.99 UJ	
SED	PCB Congeners	N		Cl4-BZ#44	ug/Kg	0.13		0.1 U		24		12 J	
SED	PCB Congeners	N		Cl4-BZ#49	ug/Kg	0.1 U		0.1 U		11		2.1 J	
SED	PCB Congeners	N		Cl4-BZ#52	ug/Kg	0.098 J		0.1 U		18		0.99 UJ	
SED	PCB Congeners	N		Cl4-BZ#66	ug/Kg	0.1 U		0.1 U		11		1.4 J	
SED	PCB Congeners	N		Cl4-BZ#77	ug/Kg	0.1 U		0.1 U		3.6		0.99 UJ	
SED	PCB Congeners	N		Cl5-BZ#101	ug/Kg	0.95		0.66		150		44 J	
SED	PCB Congeners	N		Cl5-BZ#105	ug/Kg	0.1 U		0.18		45		11 J	
SED	PCB Congeners	N		Cl5-BZ#118	ug/Kg	0.54		0.3		100		25 J	
SED	PCB Congeners	N		Cl5-BZ#126	ug/Kg	0.1 U		0.1 U		1 U		0.99 UJ	
SED	PCB Congeners	N		Cl5-BZ#128	ug/Kg	0.18		0.2		31		14 J	
SED	PCB Congeners	N		Cl5-BZ#87	ug/Kg	0.45		0.4		72		18 J	
SED	PCB Congeners	N		Cl6-BZ#138	ug/Kg	0.83		0.48		240		41 J	
SED	PCB Congeners	N		Cl6-BZ#153	ug/Kg	0.78		0.46		320		36 J	
SED	PCB Congeners	N		Cl6-BZ#170	ug/Kg	0.33		0.23		100		12 J	
SED	PCB Congeners	N		Cl7-BZ#180	ug/Kg	0.44		0.3		210		30 J	
SED	PCB Congeners	N		Cl7-BZ#183	ug/Kg	0.16		0.092 J		45		9.2 J	
SED	PCB Congeners	N		Cl7-BZ#184	ug/Kg	0.1 U		0.1 U		1 U		0.99 UJ	
SED	PCB Congeners	N		Cl7-BZ#187	ug/Kg	0.22		0.14		100		16 J	
SED	PCB Congeners	N		Cl8-BZ#195	ug/Kg	0.1 U		0.1 U		22		3.5 J	
SED	PCB Congeners	N		Cl9-BZ#206	ug/Kg	0.15		0.11		49		9.9 J	
SED	Metals	T		Arsenic	ug/g	6.05		6.36		17.6		2.7	
SED	Metals	T		Cadmium	ug/g	0.5 U		0.5 U		25.9		1.31	
SED	Metals	T		Chromium	ug/g	33.2		51.4		8510		434	
SED	Metals	T		Copper	ug/g	11.1 J		23.9 J		1240 J		91.5 J	
SED	Metals	T		Lead	ug/g	8.26		10.6		168		25.3	
SED	Metals	T		Mercury	ug/g	0.05 U		0.05 U		0.46		0.09	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_01	SDG_01	SDG_01	SDG_01		
				Location	SD2014-OF-03	SD2014-OF-03	SD2014-OF-06	SD2014-OF-08		
				Sample Date	4/7/2015	4/7/2015	4/7/2015	4/7/2015		
				Sample ID	SD14OF0302FS	SD14OF0303FS	SD14OF0602FS	SD14OF0802FS		
				Qc Code	FS	FS	FS	FS		
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Metals	T	Nickel	ug/g	18.5		23.3		436	
SED	Metals	T	Silver	ug/g	0.5	U	0.5	U	25	
SED	Metals	T	Zinc	ug/g	54.3		61.9		293	
SED	TOC	N	Total Organic Carbon	Percent	1.8		8.1		2.7	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_01		SDG_01		SDG_01		SDG_01		
				Location	SD2014-OF-11		SD2014-OF8-13		SD2014-OF8-16		SD2014-OF8-17		
				Sample Date	4/7/2015		4/7/2015		4/7/2015		4/7/2015		
				Sample ID	SD14OF1102FS		SD14OF1302FS		SD14OF1602FS		SD14OF1702FS		
				Qc Code	FS		FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	PAHs	N		Acenaphthene	ug/Kg	10	U	56	J	84	J	2000	U
SED	PAHs	N		Acenaphthylene	ug/Kg	10	U	56	J	120		1000	
SED	PAHs	N		Anthracene	ug/Kg	10	U	130		180		3500	
SED	PAHs	N		Benzo(a)anthracene	ug/Kg	10	U	580		1300		17000	
SED	PAHs	N		Benzo(a)pyrene	ug/Kg	10	U	680		1400		12000	
SED	PAHs	N		Benzo(b)fluoranthene	ug/Kg	10	U	1400		1600		10000	
SED	PAHs	N		Benzo(ghi)perylene	ug/Kg	10	U	480		1100		5100	
SED	PAHs	N		Benzo(k)fluoranthene	ug/Kg	10	U	1400		1200		11000	
SED	PAHs	N		Chrysene	ug/Kg	10	U	700		1600		16000	
SED	PAHs	N		Dibenz(a,h)anthracene	ug/Kg	10	U	210		240		1900	J
SED	PAHs	N		Fluoranthene	ug/Kg	12		1400		3500		37000	
SED	PAHs	N		Fluorene	ug/Kg	10	U	72	J	95	J	1800	J
SED	PAHs	N		Indeno(1,2,3-cd)pyrene	ug/Kg	10	U	500		920		5700	
SED	PAHs	N		Naphthalene	ug/Kg	10	U	100	U	100	U	2000	U
SED	PAHs	N		Phenanthrene	ug/Kg	10	J	630		910		16000	
SED	PAHs	N		Pyrene	ug/Kg	10	J	1100		2900		34000	
SED	Aroclors	N		Aroclor-1016	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1221	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1232	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1242	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1248	ug/g	0.025	U	0.025	U	0.026		0.025	U
SED	Aroclors	N		Aroclor-1254	ug/g	0.025	U	0.025	U	0.084		0.05	
SED	Aroclors	N		Aroclor-1260	ug/g	0.025	U	0.095		0.53		0.55	
SED	Aroclors	N		Aroclor-1262	ug/g	0.025	U	0.38		0.38		0.4	
SED	Aroclors	N		Aroclor-1268	ug/g	0.025	U	0.23		0.21		0.23	
SED	Homologs	N		Decachlorobiphenyl (total)	ug/Kg	0.5	U	46		46		22	
SED	Homologs	N		Dichlorobiphenyl (total)	ug/Kg	2.4	U	1.6	U	2.4	U	2.4	U
SED	Homologs	N		Heptachlorobiphenyl (total)	ug/Kg	3.6	U	910		720		290	
SED	Homologs	N		Hexachlorobiphenyl (total)	ug/Kg	4.2	U	150		110		91	
SED	Homologs	N		Monochlorobiphenyl (total)	ug/Kg	0.9	U	1.5		0.9	U	0.91	U
SED	Homologs	N		Nonachlorobiphenyl (total)	ug/Kg	0.9	U	550		490		250	
SED	Homologs	N		Octachlorobiphenyl (total)	ug/Kg	2.4	U	1100		940		470	
SED	Homologs	N		Total Homolog (PCBs)	ug/Kg	30.1	U	2900		2400		1200	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_01		SDG_01		SDG_01		SDG_01		
				Location	SD2014-OF-11		SD2014-OF8-13		SD2014-OF8-16		SD2014-OF8-17		
				Sample Date	4/7/2015		4/7/2015		4/7/2015		4/7/2015		
				Sample ID	SD14OF1102FS		SD14OF1302FS		SD14OF1602FS		SD14OF1702FS		
				Qc Code	FS		FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Homologs	N		Pentachlorobiphenyl (total)	ug/Kg	4.6	U	130		100		95	
SED	Homologs	N		Tetrachlorobiphenyl (total)	ug/Kg	4.2	U	22		26		12	
SED	Homologs	N		Trichlorobiphenyl (total)	ug/Kg	2.4	U	2.1	U	2.4	U	6.4	
SED	PCB Congeners	N		Cl10-BZ#209	ug/Kg	0.1	U	120		9.7		7.1	
SED	PCB Congeners	N		Cl2-BZ#8	ug/Kg	0.1	U	10	U	1	U	1	U
SED	PCB Congeners	N		Cl3-BZ#18	ug/Kg	0.1	U	10	U	1.8		1	U
SED	PCB Congeners	N		Cl3-BZ#28	ug/Kg	0.1	U	10	U	2.7		1	U
SED	PCB Congeners	N		Cl4-BZ#44	ug/Kg	0.1	U	10	U	2.4		1.3	
SED	PCB Congeners	N		Cl4-BZ#49	ug/Kg	0.1	U	10	U	2.3		1.1	
SED	PCB Congeners	N		Cl4-BZ#52	ug/Kg	0.1	U	14		7.1		1.9	
SED	PCB Congeners	N		Cl4-BZ#66	ug/Kg	0.1	U	10	U	2.3		1.9	
SED	PCB Congeners	N		Cl4-BZ#77	ug/Kg	0.1	U	10	U	1	U	1	U
SED	PCB Congeners	N		Cl5-BZ#101	ug/Kg	0.18		49		17		11	
SED	PCB Congeners	N		Cl5-BZ#105	ug/Kg	0.1	U	10	U	1	U	1.5	
SED	PCB Congeners	N		Cl5-BZ#118	ug/Kg	0.1	U	22		13		5.3	
SED	PCB Congeners	N		Cl5-BZ#126	ug/Kg	0.1	U	8.3	J	1	U	1	U
SED	PCB Congeners	N		Cl5-BZ#128	ug/Kg	0.1	U	14		6.2		3	
SED	PCB Congeners	N		Cl5-BZ#87	ug/Kg	0.1	U	17		6.1		4.4	
SED	PCB Congeners	N		Cl6-BZ#138	ug/Kg	0.26		67		26		15	
SED	PCB Congeners	N		Cl6-BZ#153	ug/Kg	0.22		98		26		15	
SED	PCB Congeners	N		Cl6-BZ#170	ug/Kg	0.1	U	40		9.8		6.6	
SED	PCB Congeners	N		Cl7-BZ#180	ug/Kg	0.21		310		50		32	
SED	PCB Congeners	N		Cl7-BZ#183	ug/Kg	0.11		62		11		6.5	
SED	PCB Congeners	N		Cl7-BZ#184	ug/Kg	0.1	U	10	U	1	U	1	U
SED	PCB Congeners	N		Cl7-BZ#187	ug/Kg	0.17		300		40		25	
SED	PCB Congeners	N		Cl8-BZ#195	ug/Kg	0.1	U	66		8.1		5.3	
SED	PCB Congeners	N		Cl9-BZ#206	ug/Kg	0.24		960		77		59	
SED	Metals	T		Arsenic	ug/g	2.96		13.4		13.9		9.64	
SED	Metals	T		Cadmium	ug/g	0.5	U	1.88		7.33		7.61	
SED	Metals	T		Chromium	ug/g	43.1		3580		7240		3920	
SED	Metals	T		Copper	ug/g	16.7	J	3530	J	1620	J	1180	J
SED	Metals	T		Lead	ug/g	5.79		931		401		220	
SED	Metals	T		Mercury	ug/g	0.05	U	0.45		0.66		0.36	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_01	SDG_01	SDG_01	SDG_01		
				Location	SD2014-OF-11	SD2014-OF8-13	SD2014-OF8-16	SD2014-OF8-17		
				Sample Date	4/7/2015	4/7/2015	4/7/2015	4/7/2015		
				Sample ID	SD14OF1102FS	SD14OF1302FS	SD14OF1602FS	SD14OF1702FS		
				Qc Code	FS	FS	FS	FS		
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Metals	T	Nickel	ug/g	8.83		284		291	
SED	Metals	T	Silver	ug/g	0.5 U		14.9		2.53	
SED	Metals	T	Zinc	ug/g	19.8		360		422	
SED	TOC	N	Total Organic Carbon	Percent	2.6		0.61		1.6	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_01		SDG_01		SDG_02		SDG_02		
				Location	SD2014-TF-E6		SD2014-TF-G5		SD2014-TF-H5		SD2015-TF-AB1		
				Sample Date	4/2/2015		4/2/2015		4/2/2015		4/6/2015		
				Sample ID	SD14TFE602FS		SD14TFG502FS		SD14TFH502FS		SD15TFAB103FS		
				Qc Code	FS		FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	PAHs		N	Acenaphthene	ug/Kg	170		530		200 U		10 U	
SED	PAHs		N	Acenaphthylene	ug/Kg	290		290		190 J		10 U	
SED	PAHs		N	Anthracene	ug/Kg	750		1400		320		10 U	
SED	PAHs		N	Benzo(a)anthracene	ug/Kg	2700		3000		1400		10 U	
SED	PAHs		N	Benzo(a)pyrene	ug/Kg	2300		2300		1200		10 U	
SED	PAHs		N	Benzo(b)fluoranthene	ug/Kg	2000		2100		1100		10 U	
SED	PAHs		N	Benzo(ghi)perylene	ug/Kg	1100		1200		760		10 U	
SED	PAHs		N	Benzo(k)fluoranthene	ug/Kg	1800		2300		1000		10 U	
SED	PAHs		N	Chrysene	ug/Kg	3500		3700		1400		10 U	
SED	PAHs		N	Dibenz(a,h)anthracene	ug/Kg	250		250 J		160 J		10 U	
SED	PAHs		N	Fluoranthene	ug/Kg	6800		7100		2600		10 U	
SED	PAHs		N	Fluorene	ug/Kg	400		1000		110 J		10 U	
SED	PAHs		N	Indeno(1,2,3-cd)pyrene	ug/Kg	1200		1300		800		10 U	
SED	PAHs		N	Naphthalene	ug/Kg	260		2700		140 J		10 U	
SED	PAHs		N	Phenanthrene	ug/Kg	2700		6300		640		6 J	
SED	PAHs		N	Pyrene	ug/Kg	7500		6200		2900		10 U	
SED	Aroclors		N	Aroclor-1016	ug/g	0.025 U		0.25 U		0.025 U		0.025 U	
SED	Aroclors		N	Aroclor-1221	ug/g	0.025 U		0.25 U		0.025 U		0.025 U	
SED	Aroclors		N	Aroclor-1232	ug/g	0.025 U		0.25 U		0.025 U		0.025 U	
SED	Aroclors		N	Aroclor-1242	ug/g	0.025 U		0.25 U		0.025 U		0.025 U	
SED	Aroclors		N	Aroclor-1248	ug/g	0.025 U		0.25 U		0.025 U		0.025 U	
SED	Aroclors		N	Aroclor-1254	ug/g	0.13		0.25 U		0.025 U		0.025 U	
SED	Aroclors		N	Aroclor-1260	ug/g	0.43		0.65		0.025 U		0.025 U	
SED	Aroclors		N	Aroclor-1262	ug/g	0.24		4.9		0.025 U		0.025 U	
SED	Aroclors		N	Aroclor-1268	ug/g	0.16		0.25 U		0.025 U		0.025 U	
SED	Homologs		N	Decachlorobiphenyl (total)	ug/Kg	17		8.9		3.1		0.51 U	
SED	Homologs		N	Dichlorobiphenyl (total)	ug/Kg	2.4 U		8.4		2.4 U		2.4 U	
SED	Homologs		N	Heptachlorobiphenyl (total)	ug/Kg	130		140		3.6 U		3.6 U	
SED	Homologs		N	Hexachlorobiphenyl (total)	ug/Kg	140		120		4.2 U		4.3 U	
SED	Homologs		N	Monochlorobiphenyl (total)	ug/Kg	0.89 U		0.45 U		0.89 U		0.91 U	
SED	Homologs		N	Nonachlorobiphenyl (total)	ug/Kg	66		65		2.2		0.91 U	
SED	Homologs		N	Octachlorobiphenyl (total)	ug/Kg	120		270		2.4 U		2.4 U	
SED	Homologs		N	Total Homolog (PCBs)	ug/Kg	630		800		30 U		30 U	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_01		SDG_01		SDG_02		SDG_02		
				Location	SD2014-TF-E6		SD2014-TF-G5		SD2014-TF-H5		SD2015-TF-AB1		
				Sample Date	4/2/2015		4/2/2015		4/2/2015		4/6/2015		
				Sample ID	SD14TFE602FS		SD14TFG502FS		SD14TFH502FS		SD15TFAB103FS		
				Qc Code	FS		FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Homologs	N		Pentachlorobiphenyl (total)	ug/Kg	140		130		4.6 U		4.7 U	
SED	Homologs	N		Tetrachlorobiphenyl (total)	ug/Kg	16		38		4.2 U		4.3 U	
SED	Homologs	N		Trichlorobiphenyl (total)	ug/Kg	2.4 U		10		2.4 U		2.4 U	
SED	PCB Congeners	N		Cl10-BZ#209	ug/Kg	11		6.1		1.2		0.2 U	
SED	PCB Congeners	N		Cl2-BZ#8	ug/Kg	0.99 J		0.5 U		0.5 U		0.2 U	
SED	PCB Congeners	N		Cl3-BZ#18	ug/Kg	0.99 U		0.5 U		0.5 U		0.2 U	
SED	PCB Congeners	N		Cl3-BZ#28	ug/Kg	0.99 U		0.5 U		0.5 U		0.2 U	
SED	PCB Congeners	N		Cl4-BZ#44	ug/Kg	1.6		10		0.5 U		0.15 J	
SED	PCB Congeners	N		Cl4-BZ#49	ug/Kg	1.2		17		0.5 U		0.2 U	
SED	PCB Congeners	N		Cl4-BZ#52	ug/Kg	0.81 J		7.4		0.5 U		0.2 U	
SED	PCB Congeners	N		Cl4-BZ#66	ug/Kg	1.1		12		0.5 U		0.2 U	
SED	PCB Congeners	N		Cl4-BZ#77	ug/Kg	0.99 U		0.5 U		0.5 U		0.2 U	
SED	PCB Congeners	N		Cl5-BZ#101	ug/Kg	13		70		0.5 U		0.2 U	
SED	PCB Congeners	N		Cl5-BZ#105	ug/Kg	2.3		0.5 U		0.5 U		0.2 U	
SED	PCB Congeners	N		Cl5-BZ#118	ug/Kg	4.4		37		0.5 U		0.2 U	
SED	PCB Congeners	N		Cl5-BZ#126	ug/Kg	0.99 U		0.5 U		0.5 U		0.2 U	
SED	PCB Congeners	N		Cl5-BZ#128	ug/Kg	1.5		0.5 U		0.5 U		0.2 U	
SED	PCB Congeners	N		Cl5-BZ#87	ug/Kg	2		17		0.5 U		0.2 U	
SED	PCB Congeners	N		Cl6-BZ#138	ug/Kg	10		55		0.5 U		0.2 U	
SED	PCB Congeners	N		Cl6-BZ#153	ug/Kg	17		120		0.5 U		0.2 U	
SED	PCB Congeners	N		Cl6-BZ#170	ug/Kg	5.8		40		0.5 U		0.2 U	
SED	PCB Congeners	N		Cl7-BZ#180	ug/Kg	31		120		0.5 U		0.2 U	
SED	PCB Congeners	N		Cl7-BZ#183	ug/Kg	7.1		30		0.5 U		0.2 U	
SED	PCB Congeners	N		Cl7-BZ#184	ug/Kg	0.99 U		1.3		0.5 U		0.2 U	
SED	PCB Congeners	N		Cl7-BZ#187	ug/Kg	27		86		0.5 U		0.2 U	
SED	PCB Congeners	N		Cl8-BZ#195	ug/Kg	4.7		16		0.5 U		0.2 U	
SED	PCB Congeners	N		Cl9-BZ#206	ug/Kg	47		37		0.54		0.2 U	
SED	Metals	T		Arsenic	ug/g	12.2		9.56		10.2		6.33	
SED	Metals	T		Cadmium	ug/g	19.3		4.92		1.51		0.5 U	
SED	Metals	T		Chromium	ug/g	1450		436		152		25.1	
SED	Metals	T		Copper	ug/g	2030 J		1140 J		1820		12.3	
SED	Metals	T		Lead	ug/g	187		130		180		7.04	
SED	Metals	T		Mercury	ug/g	1.17		0.81		2.36		0.05 U	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_01	SDG_01	SDG_02	SDG_02		
				Location	SD2014-TF-E6	SD2014-TF-G5	SD2014-TF-H5	SD2015-TF-AB1		
				Sample Date	4/2/2015	4/2/2015	4/2/2015	4/6/2015		
				Sample ID	SD14TFE602FS	SD14TFG502FS	SD14TFH502FS	SD15TFAB103FS		
				Qc Code	FS	FS	FS	FS		
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Metals	T	Nickel	ug/g	48.7		46.4		35.6	
SED	Metals	T	Silver	ug/g	2.84		7.64		1.02	0.5 U
SED	Metals	T	Zinc	ug/g	1360		626		728	62.1
SED	TOC	N	Total Organic Carbon	Percent	5.1		1.2		3.4	2.6

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_02		SDG_02		SDG_02		SDG_02		
				Location	SD2015-TF-AB1		SD2015-TF-AB1		SD2015-TF-F7		SD2015-TF-F7		
				Sample Date	4/6/2015		4/6/2015		4/3/2015		4/3/2015		
				Sample ID	SD15TFAB105FS		SD15TFAB107FS		SD15TFF700FS		SD15TFF701FS		
				Qc Code	FS		FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	PAHs		N	Acenaphthene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs		N	Acenaphthylene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs		N	Anthracene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs		N	Benzo(a)anthracene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs		N	Benzo(a)pyrene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs		N	Benzo(b)fluoranthene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs		N	Benzo(ghi)perylene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs		N	Benzo(k)fluoranthene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs		N	Chrysene	ug/Kg	10	U	10	U	5	J	10	U
SED	PAHs		N	Dibenz(a,h)anthracene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs		N	Fluoranthene	ug/Kg	10	U	6	J	10		7	J
SED	PAHs		N	Fluorene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs		N	Indeno(1,2,3-cd)pyrene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs		N	Naphthalene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs		N	Phenanthrene	ug/Kg	8	J	10	J	9	J	17	
SED	PAHs		N	Pyrene	ug/Kg	10	U	6	J	10		10	U
SED	Aroclors		N	Aroclor-1016	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors		N	Aroclor-1221	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors		N	Aroclor-1232	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors		N	Aroclor-1242	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors		N	Aroclor-1248	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors		N	Aroclor-1254	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors		N	Aroclor-1260	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors		N	Aroclor-1262	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors		N	Aroclor-1268	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Homologs		N	Decachlorobiphenyl (total)	ug/Kg	0.49	U	0.5	U	0.5	U	0.5	U
SED	Homologs		N	Dichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.4	U	2.4	U
SED	Homologs		N	Heptachlorobiphenyl (total)	ug/Kg	3.6	U	3.6	U	3.6	U	3.6	U
SED	Homologs		N	Hexachlorobiphenyl (total)	ug/Kg	4.1		4.2	U	4.2	U	4.2	U
SED	Homologs		N	Monochlorobiphenyl (total)	ug/Kg	0.89	U	0.9	U	0.89	U	0.9	U
SED	Homologs		N	Nonachlorobiphenyl (total)	ug/Kg	0.89	U	0.9	U	0.89	U	0.9	U
SED	Homologs		N	Octachlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.4	U	2.4	U
SED	Homologs		N	Total Homolog (PCBs)	ug/Kg	29.6	U	30.1	U	29.7	U	29.9	U

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

Media	Method Class	Fraction	Parameter	SDG Location Sample Date Sample ID Qc Code Units	SDG_02 SD2015-TF-AB1 4/6/2015 SD15TFAB105FS FS		SDG_02 SD2015-TF-AB1 4/6/2015 SD15TFAB107FS FS		SDG_02 SD2015-TF-F7 4/3/2015 SD15TFF700FS FS		SDG_02 SD2015-TF-F7 4/3/2015 SD15TFF701FS FS	
					Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg	4.5 U		4.6 U		4.6 U		4.6 U	
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg	4.1 U		4.2 U		4.2 U		4.2 U	
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg	2.4 U		2.4 U		2.4 U		2.4 U	
SED	PCB Congeners	N	Cl10-BZ#209	ug/Kg	0.1 U		0.1 U		0.1 U		0.1 U	
SED	PCB Congeners	N	Cl2-BZ#8	ug/Kg	0.1 U		0.1 U		0.1 U		0.1 U	
SED	PCB Congeners	N	Cl3-BZ#18	ug/Kg	0.1 U		0.1 U		0.1 U		0.1 U	
SED	PCB Congeners	N	Cl3-BZ#28	ug/Kg	0.1 U		0.1 U		0.1 U		0.1 U	
SED	PCB Congeners	N	Cl4-BZ#44	ug/Kg	0.1 U		0.1 U		0.1 U		0.1 U	
SED	PCB Congeners	N	Cl4-BZ#49	ug/Kg	0.1 U		0.1 U		0.1 U		0.1 U	
SED	PCB Congeners	N	Cl4-BZ#52	ug/Kg	0.1 U		0.09 J		0.1 U		0.1 U	
SED	PCB Congeners	N	Cl4-BZ#66	ug/Kg	0.1 U		0.1 U		0.1 U		0.1 U	
SED	PCB Congeners	N	Cl4-BZ#77	ug/Kg	0.1 U		0.1 U		0.1 U		0.1 U	
SED	PCB Congeners	N	Cl5-BZ#101	ug/Kg	0.1 U		0.09 J		0.1 U		0.1 U	
SED	PCB Congeners	N	Cl5-BZ#105	ug/Kg	0.1 U		0.1 U		0.1 U		0.1 U	
SED	PCB Congeners	N	Cl5-BZ#118	ug/Kg	0.1 U		0.1 U		0.1 U		0.1 U	
SED	PCB Congeners	N	Cl5-BZ#126	ug/Kg	0.1 U		0.1 U		0.1 U		0.1 U	
SED	PCB Congeners	N	Cl5-BZ#128	ug/Kg	0.1 U		0.1 U		0.1 U		0.1 U	
SED	PCB Congeners	N	Cl5-BZ#87	ug/Kg	0.1 U		0.1 U		0.1 U		0.1 U	
SED	PCB Congeners	N	Cl6-BZ#138	ug/Kg	0.1 U		0.1 U		0.1 U		0.1 U	
SED	PCB Congeners	N	Cl6-BZ#153	ug/Kg	0.1 U		0.08 J		0.1 U		0.1 U	
SED	PCB Congeners	N	Cl6-BZ#170	ug/Kg	0.1 U		0.1 U		0.1 U		0.1 U	
SED	PCB Congeners	N	Cl7-BZ#180	ug/Kg	0.1 U		0.1 U		0.1 U		0.1 U	
SED	PCB Congeners	N	Cl7-BZ#183	ug/Kg	0.1 U		0.1 U		0.1 U		0.1 U	
SED	PCB Congeners	N	Cl7-BZ#184	ug/Kg	0.1 U		0.1 U		0.1 U		0.1 U	
SED	PCB Congeners	N	Cl7-BZ#187	ug/Kg	0.1 U		0.1 U		0.1 U		0.1 U	
SED	PCB Congeners	N	Cl8-BZ#195	ug/Kg	0.1 U		0.1 U		0.1 U		0.1 U	
SED	PCB Congeners	N	Cl9-BZ#206	ug/Kg	0.1 U		0.1 U		0.1 U		0.1 U	
SED	Metals	T	Arsenic	ug/g	5.96		7.46		6.64		6.58	
SED	Metals	T	Cadmium	ug/g	0.5 U		0.5 U		0.76		0.92	
SED	Metals	T	Chromium	ug/g	23.1		23.5		26.8		27.2	
SED	Metals	T	Copper	ug/g	12		12.3		18.6		17.8	
SED	Metals	T	Lead	ug/g	7.04		6.68		8.85		8.51	
SED	Metals	T	Mercury	ug/g	0.06		0.05 U		0.06		0.05	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_02	SDG_02	SDG_02	SDG_02		
				Location	SD2015-TF-AB1	SD2015-TF-AB1	SD2015-TF-F7	SD2015-TF-F7		
				Sample Date	4/6/2015	4/6/2015	4/3/2015	4/3/2015		
				Sample ID	SD15TFAB105FS	SD15TFAB107FS	SD15TFF700FS	SD15TFF701FS		
				Qc Code	FS	FS	FS	FS		
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Metals	T	Nickel	ug/g	17.6		17.7		21.8	
SED	Metals	T	Silver	ug/g	0.5	U	0.5	U	0.5	U
SED	Metals	T	Zinc	ug/g	62.7		60.8		75.5	
SED	TOC	N	Total Organic Carbon	Percent	2.8		3		3.4	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_02		SDG_02		SDG_02		SDG_02		
				Location	SD2015-TF-F7		SD2015-TF-GH7		SD2015-TF-GH7		SD2015-TF-ZA67		
				Sample Date	4/3/2015		4/3/2015		4/3/2015		4/6/2015		
				Sample ID	SD15TFF702FS		SD15TFGH700FS		SD15TFGH701FS		SD15TFZA6702FS		
				Qc Code	FS		FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	PAHs	N		Acenaphthene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs	N		Acenaphthylene	ug/Kg	10	U	8	J	10	U	10	U
SED	PAHs	N		Anthracene	ug/Kg	10	U	12		10	U	10	U
SED	PAHs	N		Benzo(a)anthracene	ug/Kg	10	U	71		10	U	11	
SED	PAHs	N		Benzo(a)pyrene	ug/Kg	10	U	78		10	U	10	
SED	PAHs	N		Benzo(b)fluoranthene	ug/Kg	10	U	85		10	U	11	
SED	PAHs	N		Benzo(ghi)perylene	ug/Kg	10	U	61		10	U	8	J
SED	PAHs	N		Benzo(k)fluoranthene	ug/Kg	10	U	63		10	U	10	
SED	PAHs	N		Chrysene	ug/Kg	10	U	88		10	U	12	
SED	PAHs	N		Dibenz(a,h)anthracene	ug/Kg	10	U	13		10	U	10	U
SED	PAHs	N		Fluoranthene	ug/Kg	6	J	140		8	J	20	
SED	PAHs	N		Fluorene	ug/Kg	10	U	7	J	10	U	10	U
SED	PAHs	N		Indeno(1,2,3-cd)pyrene	ug/Kg	10	U	62		10	U	8	J
SED	PAHs	N		Naphthalene	ug/Kg	10	U	6	J	10	U	10	U
SED	PAHs	N		Phenanthrene	ug/Kg	15		62		8	J	13	
SED	PAHs	N		Pyrene	ug/Kg	10	U	150		7	J	23	
SED	Aroclors	N		Aroclor-1016	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1221	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1232	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1242	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1248	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1254	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1260	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1262	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1268	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Homologs	N		Decachlorobiphenyl (total)	ug/Kg	0.51	U	0.5	U	0.49	U	0.5	U
SED	Homologs	N		Dichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.4	U	2.4	U
SED	Homologs	N		Heptachlorobiphenyl (total)	ug/Kg	3.6	U	5.1		3.6	U	3.6	U
SED	Homologs	N		Hexachlorobiphenyl (total)	ug/Kg	4.2	U	4.2	U	4.1	U	4.2	U
SED	Homologs	N		Monochlorobiphenyl (total)	ug/Kg	0.91	U	0.9	U	0.89	U	0.89	U
SED	Homologs	N		Nonachlorobiphenyl (total)	ug/Kg	0.91	U	1.3		0.89	U	0.89	U
SED	Homologs	N		Octachlorobiphenyl (total)	ug/Kg	2.4	U	4.1		2.4	U	2.4	U
SED	Homologs	N		Total Homolog (PCBs)	ug/Kg	30.3	U	30	U	29.6	U	29.8	U

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_02		SDG_02		SDG_02		SDG_02		
				Location	SD2015-TF-F7		SD2015-TF-GH7		SD2015-TF-GH7		SD2015-TF-ZA67		
				Sample Date	4/3/2015		4/3/2015		4/3/2015		4/6/2015		
				Sample ID	SD15TFF702FS		SD15TFGH700FS		SD15TFGH701FS		SD15TFZA6702FS		
				Qc Code	FS		FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Homologs	N		Pentachlorobiphenyl (total)	ug/Kg	4.6	U	4.6	U	4.5	U	4.6	U
SED	Homologs	N		Tetrachlorobiphenyl (total)	ug/Kg	4.2	U	4.2	U	4.1	U	4.2	U
SED	Homologs	N		Trichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.4	U	2.4	U
SED	PCB Congeners	N		Cl10-BZ#209	ug/Kg	0.1	U	0.18		0.1	U	0.1	U
SED	PCB Congeners	N		Cl2-BZ#8	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners	N		Cl3-BZ#18	ug/Kg	0.1	U	1.1		0.1	U	0.1	U
SED	PCB Congeners	N		Cl3-BZ#28	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners	N		Cl4-BZ#44	ug/Kg	0.1	U	0.13		0.1	U	0.1	U
SED	PCB Congeners	N		Cl4-BZ#49	ug/Kg	0.1	U	0.21		0.1	U	0.1	U
SED	PCB Congeners	N		Cl4-BZ#52	ug/Kg	0.1	U	0.31		0.1	U	0.1	U
SED	PCB Congeners	N		Cl4-BZ#66	ug/Kg	0.1	U	0.24		0.1	U	0.1	U
SED	PCB Congeners	N		Cl4-BZ#77	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners	N		Cl5-BZ#101	ug/Kg	0.1	U	0.48		0.1	U	0.1	U
SED	PCB Congeners	N		Cl5-BZ#105	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners	N		Cl5-BZ#118	ug/Kg	0.1	U	0.35		0.1	U	0.1	U
SED	PCB Congeners	N		Cl5-BZ#126	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners	N		Cl5-BZ#128	ug/Kg	0.1	U	0.13		0.1	U	0.1	U
SED	PCB Congeners	N		Cl5-BZ#87	ug/Kg	0.1	U	0.18		0.1	U	0.1	U
SED	PCB Congeners	N		Cl6-BZ#138	ug/Kg	0.1	U	0.66		0.1	U	0.1	U
SED	PCB Congeners	N		Cl6-BZ#153	ug/Kg	0.1	U	0.68		0.1	U	0.08	J
SED	PCB Congeners	N		Cl6-BZ#170	ug/Kg	0.1	U	0.23		0.1	U	0.1	U
SED	PCB Congeners	N		Cl7-BZ#180	ug/Kg	0.1	U	0.52		0.1	U	0.1	U
SED	PCB Congeners	N		Cl7-BZ#183	ug/Kg	0.1	U	0.13		0.1	U	0.1	U
SED	PCB Congeners	N		Cl7-BZ#184	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners	N		Cl7-BZ#187	ug/Kg	0.1	U	0.46		0.1	U	0.1	U
SED	PCB Congeners	N		Cl8-BZ#195	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners	N		Cl9-BZ#206	ug/Kg	0.1	U	0.3		0.1	U	0.1	U
SED	Metals	T		Arsenic	ug/g	6.52		5.29		5.58		7.29	
SED	Metals	T		Cadmium	ug/g	0.65		0.5	U	0.5	U	0.5	U
SED	Metals	T		Chromium	ug/g	26.4		22.2		23.5		26.2	
SED	Metals	T		Copper	ug/g	18.2		24.1		15.6		44.4	
SED	Metals	T		Lead	ug/g	8.71		7.35		7.6		15.4	
SED	Metals	T		Mercury	ug/g	0.05	U	0.05	U	0.05	U	0.12	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_02	SDG_02	SDG_02	SDG_02		
				Location	SD2015-TF-F7	SD2015-TF-GH7	SD2015-TF-GH7	SD2015-TF-ZA67		
				Sample Date	4/3/2015	4/3/2015	4/3/2015	4/6/2015		
				Sample ID	SD15TFF702FS	SD15TFGH700FS	SD15TFGH701FS	SD15TFZA6702FS		
				Qc Code	FS	FS	FS	FS		
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Metals	T	Nickel	ug/g	22		17.5		19	
SED	Metals	T	Silver	ug/g	0.5 U		0.5 U		0.5 U	
SED	Metals	T	Zinc	ug/g	78		67.3		69.1	
SED	TOC	N	Total Organic Carbon	Percent	3.9		2.4		3.3	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_03		SDG_03		SDG_03		SDG_03		
				Location	SD2014-TF-A2		SD2014-TF-C2		SD2014-TF-C7		SD2014-TF-G1		
				Sample Date	4/3/2015		4/3/2015		4/3/2015		4/3/2015		
				Sample ID	SD14TFA202FS		SD14TFC202FS		SD14TFC702FS		SD14TFG102FS		
				Qc Code	FS		FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	PAHs		N	Acenaphthene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs		N	Acenaphthylene	ug/Kg	10	U	10	U	27		10	U
SED	PAHs		N	Anthracene	ug/Kg	10	U	10	U	31		10	U
SED	PAHs		N	Benzo(a)anthracene	ug/Kg	10	U	10	U	210		10	U
SED	PAHs		N	Benzo(a)pyrene	ug/Kg	10	U	10	U	220		10	U
SED	PAHs		N	Benzo(b)fluoranthene	ug/Kg	10	U	10	U	160		10	U
SED	PAHs		N	Benzo(ghi)perylene	ug/Kg	10	U	10	U	99		10	U
SED	PAHs		N	Benzo(k)fluoranthene	ug/Kg	10	U	10	U	180		10	U
SED	PAHs		N	Chrysene	ug/Kg	10	U	10	U	190		10	U
SED	PAHs		N	Dibenz(a,h)anthracene	ug/Kg	10	U	10	U	30		10	U
SED	PAHs		N	Fluoranthene	ug/Kg	10	U	10	U	160		12	
SED	PAHs		N	Fluorene	ug/Kg	10	U	10	U	9	J	10	U
SED	PAHs		N	Indeno(1,2,3-cd)pyrene	ug/Kg	10	U	10	U	100		10	U
SED	PAHs		N	Naphthalene	ug/Kg	10	U	10	U	12		10	U
SED	PAHs		N	Phenanthrene	ug/Kg	10	U	10	U	73		10	U
SED	PAHs		N	Pyrene	ug/Kg	10	U	10	U	370		14	
SED	Aroclors		N	Aroclor-1016	ug/g	0.024	U	0.024	U	0.024	U	0.026	U
SED	Aroclors		N	Aroclor-1221	ug/g	0.024	U	0.024	U	0.024	U	0.026	U
SED	Aroclors		N	Aroclor-1232	ug/g	0.024	U	0.024	U	0.024	U	0.026	U
SED	Aroclors		N	Aroclor-1242	ug/g	0.024	U	0.024	U	0.024	U	0.026	U
SED	Aroclors		N	Aroclor-1248	ug/g	0.024	U	0.024	U	0.024	U	0.026	U
SED	Aroclors		N	Aroclor-1254	ug/g	0.024	U	0.024	U	0.024	U	0.026	U
SED	Aroclors		N	Aroclor-1260	ug/g	0.024	U	0.024	U	0.024	U	0.026	U
SED	Aroclors		N	Aroclor-1262	ug/g	0.024	U	0.024	U	0.024	U	0.026	U
SED	Aroclors		N	Aroclor-1268	ug/g	0.024	U	0.024	U	0.024	U	0.026	U
SED	Homologs		N	Decachlorobiphenyl (total)	ug/Kg	0.5	U	0.5	U	0.5	U	0.5	U
SED	Homologs		N	Dichlorobiphenyl (total)	ug/Kg	2.3	U	2.4	U	2.3	U	2.5	U
SED	Homologs		N	Heptachlorobiphenyl (total)	ug/Kg	3.5	U	3.5	U	3.5	U	3.7	U
SED	Homologs		N	Hexachlorobiphenyl (total)	ug/Kg	4.1	U	4.1	U	4.1	U	4.3	U
SED	Homologs		N	Monochlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U	0.9	U
SED	Homologs		N	Nonachlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U	0.9	U
SED	Homologs		N	Octachlorobiphenyl (total)	ug/Kg	2.3	U	2.4	U	2.3	U	2.5	U
SED	Homologs		N	Total Homolog (PCBs)	ug/Kg	29	U	29	U	29	U	31	U

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_03		SDG_03		SDG_03		SDG_03		
				Location	SD2014-TF-A2		SD2014-TF-C2		SD2014-TF-C7		SD2014-TF-G1		
				Sample Date	4/3/2015		4/3/2015		4/3/2015		4/3/2015		
				Sample ID	SD14TFA202FS		SD14TFC202FS		SD14TFC702FS		SD14TFG102FS		
				Qc Code	FS		FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Homologs		N	Pentachlorobiphenyl (total)	ug/Kg	4.5	U	4.5	U	4.5	U	4.7	U
SED	Homologs		N	Tetrachlorobiphenyl (total)	ug/Kg	4.1	U	4.1	U	4.1	U	4.3	U
SED	Homologs		N	Trichlorobiphenyl (total)	ug/Kg	2.3	U	2.4	U	2.3	U	2.5	U
SED	PCB Congeners		N	Cl10-BZ#209	ug/Kg	0.1	U	0.1	U	0.36		0.1	
SED	PCB Congeners		N	Cl2-BZ#8	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners		N	Cl3-BZ#18	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners		N	Cl3-BZ#28	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners		N	Cl4-BZ#44	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners		N	Cl4-BZ#49	ug/Kg	0.1	U	0.098	J	0.1	U	0.1	U
SED	PCB Congeners		N	Cl4-BZ#52	ug/Kg	0.1	U	0.16	J	0.1	U	0.14	
SED	PCB Congeners		N	Cl4-BZ#66	ug/Kg	0.1	U	0.09	J	0.1	U	0.1	U
SED	PCB Congeners		N	Cl4-BZ#77	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners		N	Cl5-BZ#101	ug/Kg	0.1	U	0.12		0.24		0.15	
SED	PCB Congeners		N	Cl5-BZ#105	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners		N	Cl5-BZ#118	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners		N	Cl5-BZ#126	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners		N	Cl5-BZ#128	ug/Kg	0.1	U	0.1	U	0.1	J	0.1	U
SED	PCB Congeners		N	Cl5-BZ#87	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners		N	Cl6-BZ#138	ug/Kg	0.1	U	0.1	U	0.29		0.13	
SED	PCB Congeners		N	Cl6-BZ#153	ug/Kg	0.1	U	0.1	U	0.3		0.11	
SED	PCB Congeners		N	Cl6-BZ#170	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners		N	Cl7-BZ#180	ug/Kg	0.1	U	0.1	U	0.33		0.09	J
SED	PCB Congeners		N	Cl7-BZ#183	ug/Kg	0.1	U	0.1	U	0.11		0.1	U
SED	PCB Congeners		N	Cl7-BZ#184	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners		N	Cl7-BZ#187	ug/Kg	0.1	U	0.1	U	0.33		0.17	
SED	PCB Congeners		N	Cl8-BZ#195	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners		N	Cl9-BZ#206	ug/Kg	0.1	U	0.1	U	0.47		0.14	
SED	Metals		T	Arsenic	ug/g	5.6		5.95		3.37		6.17	
SED	Metals		T	Cadmium	ug/g	0.5	U	0.5	U	0.5	U	0.5	U
SED	Metals		T	Chromium	ug/g	22	J	21.7	J	13.9	J	30.5	J
SED	Metals		T	Copper	ug/g	11.1		9.45		81.7		38.7	
SED	Metals		T	Lead	ug/g	7.24		6.19		23		9.42	
SED	Metals		T	Mercury	ug/g	0.05	U	0.05	U	0.1		0.06	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_03	SDG_03	SDG_03	SDG_03		
				Location	SD2014-TF-A2	SD2014-TF-C2	SD2014-TF-C7	SD2014-TF-G1		
				Sample Date	4/3/2015	4/3/2015	4/3/2015	4/3/2015		
				Sample ID	SD14TFA202FS	SD14TFC202FS	SD14TFC702FS	SD14TFG102FS		
				Qc Code	FS	FS	FS	FS		
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Metals	T	Nickel	ug/g	16		15.9		9.49	
SED	Metals	T	Silver	ug/g	0.5 U		0.5 U		0.5 U	
SED	Metals	T	Zinc	ug/g	53.2		55		72.2	
SED	TOC	N	Total Organic Carbon	Percent	6.8		1.9		1.1	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_03		SDG_03		SDG_03		SDG_03		
				Location	SD2015-TF-DE01		SD2015-TF-DE01		SD2015-TF-DE01		SD2015-TF-GH7		
				Sample Date	4/3/2015		4/3/2015		4/3/2015		4/3/2015		
				Sample ID	SD15TFDE0103FS		SD15TFDE0105FS		SD15TFDE0107FS		SD15TFGH702FS		
				Qc Code	FS		FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	PAHs	N		Acenaphthene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs	N		Acenaphthylene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs	N		Anthracene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs	N		Benzo(a)anthracene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs	N		Benzo(a)pyrene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs	N		Benzo(b)fluoranthene	ug/Kg	10	U	10	U	10	U	14	
SED	PAHs	N		Benzo(ghi)perylene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs	N		Benzo(k)fluoranthene	ug/Kg	10	U	10	U	10	U	14	
SED	PAHs	N		Chrysene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs	N		Dibenz(a,h)anthracene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs	N		Fluoranthene	ug/Kg	10	U	10	U	10	U	13	
SED	PAHs	N		Fluorene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs	N		Indeno(1,2,3-cd)pyrene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs	N		Naphthalene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs	N		Phenanthrene	ug/Kg	10	U	10	U	10	U	12	U
SED	PAHs	N		Pyrene	ug/Kg	10	U	10	U	10	U	13	
SED	Aroclors	N		Aroclor-1016	ug/g	0.026	U	0.026	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1221	ug/g	0.026	U	0.026	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1232	ug/g	0.026	U	0.026	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1242	ug/g	0.026	U	0.026	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1248	ug/g	0.026	U	0.026	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1254	ug/g	0.026	U	0.026	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1260	ug/g	0.026	U	0.026	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1262	ug/g	0.026	U	0.026	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1268	ug/g	0.026	U	0.026	U	0.025	U	0.025	U
SED	Homologs	N		Decachlorobiphenyl (total)	ug/Kg	0.5	U	0.5	U	0.5	U	0.5	U
SED	Homologs	N		Dichlorobiphenyl (total)	ug/Kg	2.5	U	2.5	U	2.4	U	2.4	U
SED	Homologs	N		Heptachlorobiphenyl (total)	ug/Kg	3.7	U	3.7	U	3.5	U	3.6	U
SED	Homologs	N		Hexachlorobiphenyl (total)	ug/Kg	4.3	U	4.3	U	4.1	U	4.2	U
SED	Homologs	N		Monochlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U	0.9	U
SED	Homologs	N		Nonachlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U	0.9	U
SED	Homologs	N		Octachlorobiphenyl (total)	ug/Kg	2.5	U	2.5	U	2.4	U	2.4	U
SED	Homologs	N		Total Homolog (PCBs)	ug/Kg	31	U	31	U	29	U	30	U

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_03		SDG_03		SDG_03		SDG_03		
				Location	SD2015-TF-DE01		SD2015-TF-DE01		SD2015-TF-DE01		SD2015-TF-GH7		
				Sample Date	4/3/2015		4/3/2015		4/3/2015		4/3/2015		
				Sample ID	SD15TFDE0103FS		SD15TFDE0105FS		SD15TFDE0107FS		SD15TFGH702FS		
				Qc Code	FS		FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Homologs	N		Pentachlorobiphenyl (total)	ug/Kg	4.7	U	4.7	U	4.5	U	4.6	U
SED	Homologs	N		Tetrachlorobiphenyl (total)	ug/Kg	4.3	U	4.3	U	4.1	U	4.2	U
SED	Homologs	N		Trichlorobiphenyl (total)	ug/Kg	2.5	U	2.5	U	2.4	U	2.4	U
SED	PCB Congeners	N		Cl10-BZ#209	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners	N		Cl2-BZ#8	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners	N		Cl3-BZ#18	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners	N		Cl3-BZ#28	ug/Kg	0.18		0.18		0.1	U	0.1	U
SED	PCB Congeners	N		Cl4-BZ#44	ug/Kg	0.22		0.21		0.1	U	0.1	U
SED	PCB Congeners	N		Cl4-BZ#49	ug/Kg	0.17		0.17		0.1	U	0.1	U
SED	PCB Congeners	N		Cl4-BZ#52	ug/Kg	0.31		0.31		0.15		0.1	U
SED	PCB Congeners	N		Cl4-BZ#66	ug/Kg	0.15		0.14		0.1	U	0.1	U
SED	PCB Congeners	N		Cl4-BZ#77	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners	N		Cl5-BZ#101	ug/Kg	0.22		0.22		0.1	U	0.1	U
SED	PCB Congeners	N		Cl5-BZ#105	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners	N		Cl5-BZ#118	ug/Kg	0.1	J	0.1	J	0.1	U	0.1	U
SED	PCB Congeners	N		Cl5-BZ#126	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners	N		Cl5-BZ#128	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners	N		Cl5-BZ#87	ug/Kg	0.095	J	0.094	J	0.1	U	0.1	U
SED	PCB Congeners	N		Cl6-BZ#138	ug/Kg	0.12		0.12		0.1	U	0.1	U
SED	PCB Congeners	N		Cl6-BZ#153	ug/Kg	0.09	J	0.09	J	0.1	U	0.1	U
SED	PCB Congeners	N		Cl6-BZ#170	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners	N		Cl7-BZ#180	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners	N		Cl7-BZ#183	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners	N		Cl7-BZ#184	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners	N		Cl7-BZ#187	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners	N		Cl8-BZ#195	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	PCB Congeners	N		Cl9-BZ#206	ug/Kg	0.1	U	0.1	U	0.1	U	0.1	U
SED	Metals	T		Arsenic	ug/g	5.58		6.55		6.94		6.2	
SED	Metals	T		Cadmium	ug/g	0.5	U	0.5	U	0.6		0.65	
SED	Metals	T		Chromium	ug/g	21.5	J	23.5	J	26.9	J	25.8	J
SED	Metals	T		Copper	ug/g	9.97		12.6		14.9		18.6	
SED	Metals	T		Lead	ug/g	6.18		7.53		8.72		9.48	
SED	Metals	T		Mercury	ug/g	0.05	U	0.05	U	0.05	U	0.05	U

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_03	SDG_03	SDG_03	SDG_03
				Location	SD2015-TF-DE01	SD2015-TF-DE01	SD2015-TF-DE01	SD2015-TF-GH7
				Sample Date	4/3/2015	4/3/2015	4/3/2015	4/3/2015
				Sample ID	SD15TFDE0103FS	SD15TFDE0105FS	SD15TFDE0107FS	SD15TFGH702FS
				Qc Code	FS	FS	FS	FS
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier
SED	Metals	T	Nickel	ug/g	15.9		18	
SED	Metals	T	Silver	ug/g	0.5	U	0.5	U
SED	Metals	T	Zinc	ug/g	53.5		61.1	
SED	TOC	N	Total Organic Carbon	Percent	2.6		2.4	
							20.4	
							0.5	U
							65.8	
							3	
								21.1
								0.5
								73.2
								5.8

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_03		SDG_03		SDG_04		SDG_04		
				Location	SD2015-TF-K6		SD2015-TF-K6		SD2014-TF-L3		SD2014-TF-ZA45		
				Sample Date	4/3/2015		4/3/2015		4/2/2015		4/6/2015		
				Sample ID	SD15TFK600FS		SD15TFK601FS		SD14TFL302FS		SD14TFZA4502FS		
				Qc Code	FS		FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	PAHs		N	Acenaphthene	ug/Kg	10	U	10	U	160		10	U
SED	PAHs		N	Acenaphthylene	ug/Kg	10	U	10	U	250		10	U
SED	PAHs		N	Anthracene	ug/Kg	10	U	10	U	740		12	
SED	PAHs		N	Benzo(a)anthracene	ug/Kg	45		17		2100		61	
SED	PAHs		N	Benzo(a)pyrene	ug/Kg	53		21		2100		65	
SED	PAHs		N	Benzo(b)fluoranthene	ug/Kg	58		23		2300		52	
SED	PAHs		N	Benzo(ghi)perylene	ug/Kg	30		13		1200		39	
SED	PAHs		N	Benzo(k)fluoranthene	ug/Kg	54		23		1600		53	
SED	PAHs		N	Chrysene	ug/Kg	53		21		2400		64	
SED	PAHs		N	Dibenz(a,h)anthracene	ug/Kg	10	U	10	U	270		12	
SED	PAHs		N	Fluoranthene	ug/Kg	90		35		4500		110	
SED	PAHs		N	Fluorene	ug/Kg	10	U	10	U	380		10	U
SED	PAHs		N	Indeno(1,2,3-cd)pyrene	ug/Kg	33		13		1200		37	
SED	PAHs		N	Naphthalene	ug/Kg	10	U	10	U	150		10	U
SED	PAHs		N	Phenanthrene	ug/Kg	41		15	U	2900		38	
SED	PAHs		N	Pyrene	ug/Kg	91		35		4600		120	
SED	Aroclors		N	Aroclor-1016	ug/g	0.026	U	0.025	U	0.025	U	0.024	U
SED	Aroclors		N	Aroclor-1221	ug/g	0.026	U	0.025	U	0.025	U	0.024	U
SED	Aroclors		N	Aroclor-1232	ug/g	0.026	U	0.025	U	0.025	U	0.024	U
SED	Aroclors		N	Aroclor-1242	ug/g	0.026	U	0.025	U	0.46		0.024	U
SED	Aroclors		N	Aroclor-1248	ug/g	0.026	U	0.025	U	0.59		0.024	U
SED	Aroclors		N	Aroclor-1254	ug/g	0.026	U	0.025	U	0.31		0.024	U
SED	Aroclors		N	Aroclor-1260	ug/g	0.026	U	0.025	U	0.33		0.024	U
SED	Aroclors		N	Aroclor-1262	ug/g	0.026	U	0.025	U	0.29		0.024	U
SED	Aroclors		N	Aroclor-1268	ug/g	0.026	U	0.025	U	0.046		0.024	U
SED	Homologs		N	Decachlorobiphenyl (total)	ug/Kg	0.5	U	0.5	U	6.8		0.5	U
SED	Homologs		N	Dichlorobiphenyl (total)	ug/Kg	2.5	U	2.4	U	8.2		2.3	U
SED	Homologs		N	Heptachlorobiphenyl (total)	ug/Kg	3.7	U	3.5	U	220		3.5	U
SED	Homologs		N	Hexachlorobiphenyl (total)	ug/Kg	4.3	U	4.1	U	210		4.1	U
SED	Homologs		N	Monochlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U	0.9	U
SED	Homologs		N	Nonachlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	47		0.9	U
SED	Homologs		N	Octachlorobiphenyl (total)	ug/Kg	2.5	U	2.4	U	220		2.3	U
SED	Homologs		N	Total Homolog (PCBs)	ug/Kg	31	U	30	U	1900		29	U

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_03		SDG_03		SDG_04		SDG_04		
				Location	SD2015-TF-K6		SD2015-TF-K6		SD2014-TF-L3		SD2014-TF-ZA45		
				Sample Date	4/3/2015		4/3/2015		4/2/2015		4/6/2015		
				Sample ID	SD15TFK600FS		SD15TFK601FS		SD14TFL302FS		SD14TFZA4502FS		
				Qc Code	FS		FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Homologs	N		Pentachlorobiphenyl (total)	ug/Kg	4.7	U	4.5	U	510		4.5	U
SED	Homologs	N		Tetrachlorobiphenyl (total)	ug/Kg	4.3	U	4.1	U	460		4.1	U
SED	Homologs	N		Trichlorobiphenyl (total)	ug/Kg	2.5	U	2.4	U	220		2.3	U
SED	PCB Congeners	N		Cl10-BZ#209	ug/Kg	0.08	J	0.1	U	7		0.2	U
SED	PCB Congeners	N		Cl2-BZ#8	ug/Kg	0.1	U	0.1	U	0.79	U	0.2	U
SED	PCB Congeners	N		Cl3-BZ#18	ug/Kg	0.1	U	0.1	U	37		0.2	U
SED	PCB Congeners	N		Cl3-BZ#28	ug/Kg	0.1	U	0.1	U	58		0.2	U
SED	PCB Congeners	N		Cl4-BZ#44	ug/Kg	0.13		0.1	U	93		0.2	U
SED	PCB Congeners	N		Cl4-BZ#49	ug/Kg	0.19		0.1	U	100		0.2	U
SED	PCB Congeners	N		Cl4-BZ#52	ug/Kg	0.21		0.1	U	140		0.2	U
SED	PCB Congeners	N		Cl4-BZ#66	ug/Kg	0.1	U	0.1	U	73		0.2	U
SED	PCB Congeners	N		Cl4-BZ#77	ug/Kg	0.1	U	0.1	U	3.9		0.2	U
SED	PCB Congeners	N		Cl5-BZ#101	ug/Kg	0.42		0.21		130		0.2	U
SED	PCB Congeners	N		Cl5-BZ#105	ug/Kg	0.11		0.1	U	26		0.2	U
SED	PCB Congeners	N		Cl5-BZ#118	ug/Kg	0.24		0.1	U	83		0.2	U
SED	PCB Congeners	N		Cl5-BZ#126	ug/Kg	0.1	U	0.1	U	0.79	U	0.2	U
SED	PCB Congeners	N		Cl5-BZ#128	ug/Kg	0.1	J	0.09	J	18		0.2	U
SED	PCB Congeners	N		Cl5-BZ#87	ug/Kg	0.096	J	0.1	U	24		0.2	U
SED	PCB Congeners	N		Cl6-BZ#138	ug/Kg	0.62		0.27		67		0.2	U
SED	PCB Congeners	N		Cl6-BZ#153	ug/Kg	0.46		0.22		83		0.2	U
SED	PCB Congeners	N		Cl6-BZ#170	ug/Kg	0.12		0.1	U	18		0.2	U
SED	PCB Congeners	N		Cl7-BZ#180	ug/Kg	0.39		0.22		63		0.2	U
SED	PCB Congeners	N		Cl7-BZ#183	ug/Kg	0.17		0.1	J	15		0.2	U
SED	PCB Congeners	N		Cl7-BZ#184	ug/Kg	0.1	U	0.1	U	0.79	U	0.2	U
SED	PCB Congeners	N		Cl7-BZ#187	ug/Kg	0.35		0.17		54		0.2	U
SED	PCB Congeners	N		Cl8-BZ#195	ug/Kg	0.1	U	0.1	U	11		0.2	U
SED	PCB Congeners	N		Cl9-BZ#206	ug/Kg	0.13		0.1	U	40		0.2	U
SED	Metals	T		Arsenic	ug/g	1.52		2.96		12.7		6.45	
SED	Metals	T		Cadmium	ug/g	0.5	U	0.5	U	4.77		0.5	U
SED	Metals	T		Chromium	ug/g	10.2	J	12.3	J	994		23.5	
SED	Metals	T		Copper	ug/g	20.7		10.7		1310		31.7	
SED	Metals	T		Lead	ug/g	6.13		4.67		151		12.5	
SED	Metals	T		Mercury	ug/g	0.05	U	0.05	U	1.51		0.07	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

					SDG	SDG_03	SDG_03	SDG_04	SDG_04	
					Location	SD2015-TF-K6	SD2015-TF-K6	SD2014-TF-L3	SD2014-TF-ZA45	
					Sample Date	4/3/2015	4/3/2015	4/2/2015	4/6/2015	
					Sample ID	SD15TFK600FS	SD15TFK601FS	SD14TFL302FS	SD14TFZA4502FS	
					Qc Code	FS	FS	FS	FS	
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Metals	T	Nickel	ug/g	5.61		9.34		61.2	
SED	Metals	T	Silver	ug/g	0.5	U	0.5	U	7.95	
SED	Metals	T	Zinc	ug/g	29.4		35.3		600	
SED	TOC	N	Total Organic Carbon	Percent	2		1.1		3.6	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_04		SDG_04		SDG_04		SDG_05H		
				Location	SD2015-TF-H12		SD2015-TF-H12		SD2015-TF-H12		SD2014-OF-06		
				Sample Date	4/2/2015		4/2/2015		4/2/2015		4/7/2015		
				Sample ID	SD15TFH1203FS		SD15TFH1205FS		SD15TFH1207FS		SD14OF0603FSH		
				Qc Code	FS		FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	PAHs	N		Acenaphthene	ug/Kg	10	U	10	U	10	U	16	
SED	PAHs	N		Acenaphthylene	ug/Kg	10	U	10	U	10	U	10	J
SED	PAHs	N		Anthracene	ug/Kg	10	U	10	U	10	U	10	U
SED	PAHs	N		Benzo(a)anthracene	ug/Kg	10	U	10	U	10	U	35	
SED	PAHs	N		Benzo(a)pyrene	ug/Kg	10	U	10	U	10	U	13	
SED	PAHs	N		Benzo(b)fluoranthene	ug/Kg	10	U	10	U	10	U	60	
SED	PAHs	N		Benzo(ghi)perylene	ug/Kg	10	U	10	U	10	U	41	
SED	PAHs	N		Benzo(k)fluoranthene	ug/Kg	10	U	10	U	10	U	41	
SED	PAHs	N		Chrysene	ug/Kg	10	U	10	U	10	U	110	
SED	PAHs	N		Dibenz(a,h)anthracene	ug/Kg	10	U	10	U	10	U	12	
SED	PAHs	N		Fluoranthene	ug/Kg	10	J	10	U	8	J	100	
SED	PAHs	N		Fluorene	ug/Kg	10	U	10	U	10	U	32	
SED	PAHs	N		Indeno(1,2,3-cd)pyrene	ug/Kg	10	U	10	U	10	U	33	
SED	PAHs	N		Naphthalene	ug/Kg	10	U	10	U	10	U	10	UJ
SED	PAHs	N		Phenanthrene	ug/Kg	16		10	U	10	U	27	U
SED	PAHs	N		Pyrene	ug/Kg	10		10	U	10	U	120	
SED	Aroclors	N		Aroclor-1016	ug/g	0.025	U	0.024	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1221	ug/g	0.025	U	0.024	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1232	ug/g	0.025	U	0.024	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1242	ug/g	0.025	U	0.024	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1248	ug/g	0.025	U	0.024	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1254	ug/g	0.025	U	0.024	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1260	ug/g	0.025	U	0.024	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1262	ug/g	0.025	U	0.024	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1268	ug/g	0.025	U	0.024	U	0.025	U	0.025	U
SED	Homologs	N		Decachlorobiphenyl (total)	ug/Kg	0.5	U	0.5	U	0.5	U	0.5	U
SED	Homologs	N		Dichlorobiphenyl (total)	ug/Kg	2.4	U	2.3	U	2.4	U	2.4	U
SED	Homologs	N		Heptachlorobiphenyl (total)	ug/Kg	3.6	U	3.5	U	3.6	U	15	
SED	Homologs	N		Hexachlorobiphenyl (total)	ug/Kg	4.2	U	4.1	U	4.2	U	27	
SED	Homologs	N		Monochlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U	0.9	U
SED	Homologs	N		Nonachlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U	0.9	U
SED	Homologs	N		Octachlorobiphenyl (total)	ug/Kg	2.4	U	2.3	U	2.4	U	35	
SED	Homologs	N		Total Homolog (PCBs)	ug/Kg	30	U	29	U	30	U	140	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_04		SDG_04		SDG_04		SDG_05H		
				Location	SD2015-TF-H12		SD2015-TF-H12		SD2015-TF-H12		SD2014-OF-06		
				Sample Date	4/2/2015		4/2/2015		4/2/2015		4/7/2015		
				Sample ID	SD15TFH1203FS		SD15TFH1205FS		SD15TFH1207FS		SD14OF0603FSH		
				Qc Code	FS		FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Homologs	N		Pentachlorobiphenyl (total)	ug/Kg	4.7	U	4.5	U	4.6	U	38	
SED	Homologs	N		Tetrachlorobiphenyl (total)	ug/Kg	4.2	U	4.1	U	4.2	U	4.1	U
SED	Homologs	N		Trichlorobiphenyl (total)	ug/Kg	2.4	U	2.3	U	2.4	U	23	
SED	PCB Congeners	N		Cl10-BZ#209	ug/Kg	0.2	UJ	0.2	U	0.2	U	0.2	U
SED	PCB Congeners	N		Cl2-BZ#8	ug/Kg	0.2	UJ	0.2	U	0.2	U	0.2	U
SED	PCB Congeners	N		Cl3-BZ#18	ug/Kg	0.2	UJ	0.2	U	0.2	U	0.2	U
SED	PCB Congeners	N		Cl3-BZ#28	ug/Kg	0.2	UJ	0.2	U	0.2	U	0.2	U
SED	PCB Congeners	N		Cl4-BZ#44	ug/Kg	0.2	UJ	0.2	U	0.2	U	1.5	
SED	PCB Congeners	N		Cl4-BZ#49	ug/Kg	0.2	UJ	0.2	U	0.2	U	0.2	U
SED	PCB Congeners	N		Cl4-BZ#52	ug/Kg	0.2	UJ	0.2	U	0.2	U	0.2	U
SED	PCB Congeners	N		Cl4-BZ#66	ug/Kg	0.2	UJ	0.2	U	0.2	U	0.2	U
SED	PCB Congeners	N		Cl4-BZ#77	ug/Kg	0.2	UJ	0.2	U	0.2	U	0.2	U
SED	PCB Congeners	N		Cl5-BZ#101	ug/Kg	0.2	UJ	0.2	U	0.2	U	13	
SED	PCB Congeners	N		Cl5-BZ#105	ug/Kg	0.2	UJ	0.2	U	0.2	U	0.2	U
SED	PCB Congeners	N		Cl5-BZ#118	ug/Kg	0.2	UJ	0.2	U	0.2	U	11	
SED	PCB Congeners	N		Cl5-BZ#126	ug/Kg	0.2	UJ	0.2	U	0.2	U	0.2	U
SED	PCB Congeners	N		Cl5-BZ#128	ug/Kg	0.2	UJ	0.2	U	0.2	U	0.2	U
SED	PCB Congeners	N		Cl5-BZ#87	ug/Kg	0.2	UJ	0.2	U	0.2	U	5.7	
SED	PCB Congeners	N		Cl6-BZ#138	ug/Kg	0.2	UJ	0.2	U	0.2	U	16	
SED	PCB Congeners	N		Cl6-BZ#153	ug/Kg	0.2	UJ	0.2	U	0.2	U	12	
SED	PCB Congeners	N		Cl6-BZ#170	ug/Kg	0.2	UJ	0.2	U	0.2	U	6.5	
SED	PCB Congeners	N		Cl7-BZ#180	ug/Kg	0.2	UJ	0.2	U	0.27		6.3	
SED	PCB Congeners	N		Cl7-BZ#183	ug/Kg	0.2	UJ	0.2	U	0.2	U	1.8	
SED	PCB Congeners	N		Cl7-BZ#184	ug/Kg	0.2	UJ	0.2	U	0.2	U	0.2	U
SED	PCB Congeners	N		Cl7-BZ#187	ug/Kg	0.2	UJ	0.2	U	0.2	U	3.7	
SED	PCB Congeners	N		Cl8-BZ#195	ug/Kg	0.2	UJ	0.2	U	0.2	U	0.2	U
SED	PCB Congeners	N		Cl9-BZ#206	ug/Kg	0.2	UJ	0.2	U	0.17	J	0.2	U
SED	Metals	T		Arsenic	ug/g	5.47		6.35		7.21		4.43	
SED	Metals	T		Cadmium	ug/g	0.5	U	0.5	U	0.53		0.76	
SED	Metals	T		Chromium	ug/g	19.9		23.3		26.8		48.9	J
SED	Metals	T		Copper	ug/g	9.86		12.6		14.4		20.8	
SED	Metals	T		Lead	ug/g	5.67		7.29		8.02		7.11	
SED	Metals	T		Mercury	ug/g	0.05	U	0.05	U	0.05	U	0.05	U

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_04	SDG_04	SDG_04	SDG_05H		
				Location	SD2015-TF-H12	SD2015-TF-H12	SD2015-TF-H12	SD2014-OF-06		
				Sample Date	4/2/2015	4/2/2015	4/2/2015	4/7/2015		
				Sample ID	SD15TFH1203FS	SD15TFH1205FS	SD15TFH1207FS	SD14OF0603FSH		
				Qc Code	FS	FS	FS	FS		
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Metals	T	Nickel	ug/g	14.2		18.2		19.9	
SED	Metals	T	Silver	ug/g	0.5	U	0.5	U	0.5	U
SED	Metals	T	Zinc	ug/g	46.7		60		66.8	
SED	TOC	N	Total Organic Carbon	Percent	1.6		2.9		2.7	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_05H		SDG_05H		SDG_05H		SDG_05H		
				Location	SD2014-OF-11		SD2014-OF8-13		SD2014-OF8-15		SD2014-OF8-16		
				Sample Date	4/7/2015		4/7/2015		4/7/2015		4/7/2015		
				Sample ID	SD14OF1103FSH		SD14OF1303FSH		SD14OF1503FSH		SD14OF1603FSH		
				Qc Code	FS		FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	PAHs		N	Acenaphthene	ug/Kg	10	U	87				260	
SED	PAHs		N	Acenaphthylene	ug/Kg	10	U	170				730	
SED	PAHs		N	Anthracene	ug/Kg	10	U	190				2000	
SED	PAHs		N	Benzo(a)anthracene	ug/Kg	10	U	1500				5100	
SED	PAHs		N	Benzo(a)pyrene	ug/Kg	10	U	1700				4000	
SED	PAHs		N	Benzo(b)fluoranthene	ug/Kg	10	U	1800				3600	
SED	PAHs		N	Benzo(ghi)perylene	ug/Kg	10	U	1100				1800	
SED	PAHs		N	Benzo(k)fluoranthene	ug/Kg	10	U	1600				3100	
SED	PAHs		N	Chrysene	ug/Kg	10	U	1900				5300	
SED	PAHs		N	Dibenz(a,h)anthracene	ug/Kg	10	U	370				460	
SED	PAHs		N	Fluoranthene	ug/Kg	9.6	J	3000				8100	
SED	PAHs		N	Fluorene	ug/Kg	10	U	110				710	
SED	PAHs		N	Indeno(1,2,3-cd)pyrene	ug/Kg	10	U	1000				1900	
SED	PAHs		N	Naphthalene	ug/Kg	10	UJ	78	J			380	J
SED	PAHs		N	Phenanthrene	ug/Kg	18	U	1000				3900	
SED	PAHs		N	Pyrene	ug/Kg	10	U	2500				8600	
SED	Aroclors		N	Aroclor-1016	ug/g	0.025	U	0.025	U			0.025	U
SED	Aroclors		N	Aroclor-1221	ug/g	0.025	U	0.025	U			0.025	U
SED	Aroclors		N	Aroclor-1232	ug/g	0.025	U	0.025	U			0.025	U
SED	Aroclors		N	Aroclor-1242	ug/g	0.025	U	0.025	U			0.025	U
SED	Aroclors		N	Aroclor-1248	ug/g	0.025	U	0.025	U			0.025	U
SED	Aroclors		N	Aroclor-1254	ug/g	0.025	U	0.16				0.025	U
SED	Aroclors		N	Aroclor-1260	ug/g	0.025	U	0.3				0.025	U
SED	Aroclors		N	Aroclor-1262	ug/g	0.025	U	0.76				0.025	U
SED	Aroclors		N	Aroclor-1268	ug/g	0.025	U	0.16				0.025	U
SED	Homologs		N	Decachlorobiphenyl (total)	ug/Kg	0.5	U	1		17		1	U
SED	Homologs		N	Dichlorobiphenyl (total)	ug/Kg	3.2		4.8	U	2.4	U	4.8	U
SED	Homologs		N	Heptachlorobiphenyl (total)	ug/Kg	4	U	450		140		7.2	U
SED	Homologs		N	Hexachlorobiphenyl (total)	ug/Kg	5		240		68		8.4	U
SED	Homologs		N	Monochlorobiphenyl (total)	ug/Kg	0.9	U	1.8	U	0.9	U	1.8	U
SED	Homologs		N	Nonachlorobiphenyl (total)	ug/Kg	0.9	U	340		78		1.8	U
SED	Homologs		N	Octachlorobiphenyl (total)	ug/Kg	2.4	U	970		160		4.8	U
SED	Homologs		N	Total Homolog (PCBs)	ug/Kg	29	U	2300		530		60	U

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_05H		SDG_05H		SDG_05H		SDG_05H		
				Location	SD2014-OF-11		SD2014-OF8-13		SD2014-OF8-15		SD2014-OF8-16		
				Sample Date	4/7/2015		4/7/2015		4/7/2015		4/7/2015		
				Sample ID	SD14OF1103FSH		SD14OF1303FSH		SD14OF1503FSH		SD14OF1603FSH		
				Qc Code	FS		FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Homologs	N		Pentachlorobiphenyl (total)	ug/Kg	7.3		220		52		9.2	U
SED	Homologs	N		Tetrachlorobiphenyl (total)	ug/Kg	4.1	U	32		8.2		8.4	U
SED	Homologs	N		Trichlorobiphenyl (total)	ug/Kg	2.4	U	22		2.4	U	4.8	U
SED	PCB Congeners	N		Cl10-BZ#209	ug/Kg	0.2	U	24	J			1.9	
SED	PCB Congeners	N		Cl2-BZ#8	ug/Kg	0.2	U	0.2	U			1.5	
SED	PCB Congeners	N		Cl3-BZ#18	ug/Kg	0.2	U	0.2	U			1	U
SED	PCB Congeners	N		Cl3-BZ#28	ug/Kg	0.2	U	0.2	U			1	U
SED	PCB Congeners	N		Cl4-BZ#44	ug/Kg	0.2	U	6.1	J			1	U
SED	PCB Congeners	N		Cl4-BZ#49	ug/Kg	0.2	U	4.8	J			1	U
SED	PCB Congeners	N		Cl4-BZ#52	ug/Kg	0.2	U	11	J			1	U
SED	PCB Congeners	N		Cl4-BZ#66	ug/Kg	0.2	U	5.1	J			1	U
SED	PCB Congeners	N		Cl4-BZ#77	ug/Kg	0.2	U	0.2	U			1	U
SED	PCB Congeners	N		Cl5-BZ#101	ug/Kg	0.2	U	35	J			1	U
SED	PCB Congeners	N		Cl5-BZ#105	ug/Kg	0.2	U	10	J			1	U
SED	PCB Congeners	N		Cl5-BZ#118	ug/Kg	0.2	U	21	J			1	U
SED	PCB Congeners	N		Cl5-BZ#126	ug/Kg	0.2	U	0.2	U			1	U
SED	PCB Congeners	N		Cl5-BZ#128	ug/Kg	0.2	U	14	J			1	U
SED	PCB Congeners	N		Cl5-BZ#87	ug/Kg	0.2	U	17	J			1	U
SED	PCB Congeners	N		Cl6-BZ#138	ug/Kg	0.2	U	56	J			1	U
SED	PCB Congeners	N		Cl6-BZ#153	ug/Kg	0.2	U	75	J			1.2	
SED	PCB Congeners	N		Cl6-BZ#170	ug/Kg	0.2	U	28	J			1	U
SED	PCB Congeners	N		Cl7-BZ#180	ug/Kg	0.2	U	110	J			4	
SED	PCB Congeners	N		Cl7-BZ#183	ug/Kg	0.2	U	23	J			1	U
SED	PCB Congeners	N		Cl7-BZ#184	ug/Kg	0.2	U	0.2	U			1	U
SED	PCB Congeners	N		Cl7-BZ#187	ug/Kg	0.2	U	90	J			2	
SED	PCB Congeners	N		Cl8-BZ#195	ug/Kg	0.2	U	20	J			1	U
SED	PCB Congeners	N		Cl9-BZ#206	ug/Kg	0.2	U	190	J			6.4	
SED	Metals	T		Arsenic	ug/g	1.91		14.9				16.9	
SED	Metals	T		Cadmium	ug/g	0.5	U	4.98				6.33	
SED	Metals	T		Chromium	ug/g	12.5	J	8370	J			8820	J
SED	Metals	T		Copper	ug/g	7.14		4130				4470	
SED	Metals	T		Lead	ug/g	4.46		337				2060	
SED	Metals	T		Mercury	ug/g	0.05	U	0.77				0.57	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_05H	SDG_05H	SDG_05H	SDG_05H		
				Location	SD2014-OF-11	SD2014-OF8-13	SD2014-OF8-15	SD2014-OF8-16		
				Sample Date	4/7/2015	4/7/2015	4/7/2015	4/7/2015		
				Sample ID	SD14OF1103FSH	SD14OF1303FSH	SD14OF1503FSH	SD14OF1603FSH		
				Qc Code	FS	FS	FS	FS		
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Metals	T	Nickel	ug/g	7.35		533		1110	
SED	Metals	T	Silver	ug/g	0.5 U		5.26		2.68	
SED	Metals	T	Zinc	ug/g	18.1		412		575	
SED	TOC	N	Total Organic Carbon	Percent	2.4		2.6		1.8	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_05H		SDG_05H		SDG_05H		SDG_05H		
				Location	SD2014-OF8-17		SD2014-OF8-18		SD2014-TF-D7		SD2014-TF-E6		
				Sample Date	4/7/2015		4/7/2015		4/3/2015		4/2/2015		
				Sample ID	SD14OF1703FSH		SD14OF1803FSH		SD14TFD703FSH		SD14TFE603FSH		
				Qc Code	FS		FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	PAHs		N	Acenaphthene	ug/Kg	200		10	U			160	
SED	PAHs		N	Acenaphthylene	ug/Kg	200		10	U			290	
SED	PAHs		N	Anthracene	ug/Kg	400		10	U			830	
SED	PAHs		N	Benzo(a)anthracene	ug/Kg	2000		29				2400	
SED	PAHs		N	Benzo(a)pyrene	ug/Kg	2100		34				1600	
SED	PAHs		N	Benzo(b)fluoranthene	ug/Kg	2400		34				1400	
SED	PAHs		N	Benzo(ghi)perylene	ug/Kg	1200		33				710	
SED	PAHs		N	Benzo(k)fluoranthene	ug/Kg	1700		31				1200	
SED	PAHs		N	Chrysene	ug/Kg	2500		37				3000	
SED	PAHs		N	Dibenz(a,h)anthracene	ug/Kg	350		10	U			160	
SED	PAHs		N	Fluoranthene	ug/Kg	4500		52				3800	
SED	PAHs		N	Fluorene	ug/Kg	300		10	U			610	
SED	PAHs		N	Indeno(1,2,3-cd)pyrene	ug/Kg	1200		27				710	
SED	PAHs		N	Naphthalene	ug/Kg	100 J		10	UJ			260 J	
SED	PAHs		N	Phenanthrene	ug/Kg	1900		46	U			3800	
SED	PAHs		N	Pyrene	ug/Kg	4000		74				5200	
SED	Aroclors		N	Aroclor-1016	ug/g	0.025 U		0.025	U			0.025 U	
SED	Aroclors		N	Aroclor-1221	ug/g	0.025 U		0.025	U			0.025 U	
SED	Aroclors		N	Aroclor-1232	ug/g	0.025 U		0.025	U			0.025 U	
SED	Aroclors		N	Aroclor-1242	ug/g	0.025 U		0.025	U			0.025 U	
SED	Aroclors		N	Aroclor-1248	ug/g	0.025 U		0.025	U			0.025 U	
SED	Aroclors		N	Aroclor-1254	ug/g	0.042		0.025	U			0.025 U	
SED	Aroclors		N	Aroclor-1260	ug/g	0.27		0.025	U			0.093	
SED	Aroclors		N	Aroclor-1262	ug/g	1.1		0.025	U			0.26	
SED	Aroclors		N	Aroclor-1268	ug/g	0.24		0.025	U			0.14	
SED	Homologs		N	Decachlorobiphenyl (total)	ug/Kg	36		0.5	U			17	
SED	Homologs		N	Dichlorobiphenyl (total)	ug/Kg	2.4 U		2.4	U			2.4 U	
SED	Homologs		N	Heptachlorobiphenyl (total)	ug/Kg	390		3.5	U			140	
SED	Homologs		N	Hexachlorobiphenyl (total)	ug/Kg	210		4.1	U			68	
SED	Homologs		N	Monochlorobiphenyl (total)	ug/Kg	0.9 U		0.9	U			0.9 U	
SED	Homologs		N	Nonachlorobiphenyl (total)	ug/Kg	410		0.9	U			78	
SED	Homologs		N	Octachlorobiphenyl (total)	ug/Kg	700		2.4	U			160	
SED	Homologs		N	Total Homolog (PCBs)	ug/Kg	2100		29	U			530	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_05H		SDG_05H		SDG_05H		SDG_05H		
				Location	SD2014-OF8-17		SD2014-OF8-18		SD2014-TF-D7		SD2014-TF-E6		
				Sample Date	4/7/2015		4/7/2015		4/3/2015		4/2/2015		
				Sample ID	SD14OF1703FSH		SD14OF1803FSH		SD14TFD703FSH		SD14TFE603FSH		
				Qc Code	FS		FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Homologs	N		Pentachlorobiphenyl (total)	ug/Kg	250		4.5	U			52	
SED	Homologs	N		Tetrachlorobiphenyl (total)	ug/Kg	72		4.1	U			8.2	
SED	Homologs	N		Trichlorobiphenyl (total)	ug/Kg	6.9		2.4	U			2.4	U
SED	PCB Congeners	N		Cl10-BZ#209	ug/Kg	51		0.2	U			27	
SED	PCB Congeners	N		Cl2-BZ#8	ug/Kg	0.2	U	0.2	U			0.2	U
SED	PCB Congeners	N		Cl3-BZ#18	ug/Kg	0.2	U	0.2	U			0.2	U
SED	PCB Congeners	N		Cl3-BZ#28	ug/Kg	7.9		0.2	U			0.2	U
SED	PCB Congeners	N		Cl4-BZ#44	ug/Kg	6.2		0.2	U			2	
SED	PCB Congeners	N		Cl4-BZ#49	ug/Kg	13		0.2	U			2.9	
SED	PCB Congeners	N		Cl4-BZ#52	ug/Kg	16		0.2	U			0.2	U
SED	PCB Congeners	N		Cl4-BZ#66	ug/Kg	10		0.2	U			0.2	U
SED	PCB Congeners	N		Cl4-BZ#77	ug/Kg	1.1		0.2	U			0.2	U
SED	PCB Congeners	N		Cl5-BZ#101	ug/Kg	74		0.72				25	
SED	PCB Congeners	N		Cl5-BZ#105	ug/Kg	20		0.2	U			0.2	U
SED	PCB Congeners	N		Cl5-BZ#118	ug/Kg	52		0.45				7.9	
SED	PCB Congeners	N		Cl5-BZ#126	ug/Kg	6	U	0.2	U			2	U
SED	PCB Congeners	N		Cl5-BZ#128	ug/Kg	21	U	0.2	U			8.8	U
SED	PCB Congeners	N		Cl5-BZ#87	ug/Kg	29		0.17	J			5	
SED	PCB Congeners	N		Cl6-BZ#138	ug/Kg	110		0.9	J			26	U
SED	PCB Congeners	N		Cl6-BZ#153	ug/Kg	100		0.71	J			34	
SED	PCB Congeners	N		Cl6-BZ#170	ug/Kg	46		0.22				11	U
SED	PCB Congeners	N		Cl7-BZ#180	ug/Kg	240		0.34	J			66	
SED	PCB Congeners	N		Cl7-BZ#183	ug/Kg	55		0.19	J			20	U
SED	PCB Congeners	N		Cl7-BZ#184	ug/Kg	0.2	U	0.2	U			12	
SED	PCB Congeners	N		Cl7-BZ#187	ug/Kg	240		0.35	J			66	
SED	PCB Congeners	N		Cl8-BZ#195	ug/Kg	29		0.2	U			12	U
SED	PCB Congeners	N		Cl9-BZ#206	ug/Kg	400		0.17	J			110	
SED	Metals	T		Arsenic	ug/g	10.9		3.92		0.98		13.8	
SED	Metals	T		Cadmium	ug/g	23.1		0.5	U	0.5	U	23.9	
SED	Metals	T		Chromium	ug/g	7100	J	19.2	J	3.9	J	850	J
SED	Metals	T		Copper	ug/g	1500		15		26.8		1210	
SED	Metals	T		Lead	ug/g	473		6.48		7.91		123	
SED	Metals	T		Mercury	ug/g	0.45		0.05	U	0.08		0.65	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_05H	SDG_05H	SDG_05H	SDG_05H		
				Location	SD2014-OF8-17	SD2014-OF8-18	SD2014-TF-D7	SD2014-TF-E6		
				Sample Date	4/7/2015	4/7/2015	4/3/2015	4/2/2015		
				Sample ID	SD14OF1703FSH	SD14OF1803FSH	SD14TFD703FSH	SD14TFE603FSH		
				Qc Code	FS	FS	FS	FS		
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Metals	T	Nickel	ug/g	334		12.2		3.34	
SED	Metals	T	Silver	ug/g	2.97		0.5 U		0.5 U	
SED	Metals	T	Zinc	ug/g	333		42.3		32.7	
SED	TOC	N	Total Organic Carbon	Percent	1.1		1.9			0.44

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_05H		SDG_05H		SDG_05H		
				Location	SD2014-TF-G5		SD2014-TF-H5		SD2014-TF-L3		
				Sample Date	4/2/2015		4/2/2015		4/2/2015		
				Sample ID	SD14TFG503FSH		SD14TFH503FSH		SD14TFL303FSH		
				Qc Code	FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	PAHs		N	Acenaphthene	ug/Kg	10	U	43		140	
SED	PAHs		N	Acenaphthylene	ug/Kg	10	U	110		250	
SED	PAHs		N	Anthracene	ug/Kg	10	U	290		430	
SED	PAHs		N	Benzo(a)anthracene	ug/Kg	11		1100		1400	
SED	PAHs		N	Benzo(a)pyrene	ug/Kg	10	U	910		1300	
SED	PAHs		N	Benzo(b)fluoranthene	ug/Kg	10	U	910		1300	
SED	PAHs		N	Benzo(ghi)perylene	ug/Kg	10	U	540		770	
SED	PAHs		N	Benzo(k)fluoranthene	ug/Kg	10	U	890		1100	
SED	PAHs		N	Chrysene	ug/Kg	13		1200		1800	
SED	PAHs		N	Dibenz(a,h)anthracene	ug/Kg	10	U	180		170	
SED	PAHs		N	Fluoranthene	ug/Kg	30		2100		2700	
SED	PAHs		N	Fluorene	ug/Kg	9	J	110		300	
SED	PAHs		N	Indeno(1,2,3-cd)pyrene	ug/Kg	10	U	530		740	
SED	PAHs		N	Naphthalene	ug/Kg	52	J	160	J	220	J
SED	PAHs		N	Phenanthrene	ug/Kg	61	U	640		2000	
SED	PAHs		N	Pyrene	ug/Kg	24		2100		3000	
SED	Aroclors		N	Aroclor-1016	ug/g	0.025	U	0.025	U	0.025	U
SED	Aroclors		N	Aroclor-1221	ug/g	0.025	U	0.025	U	0.025	U
SED	Aroclors		N	Aroclor-1232	ug/g	0.025	U	0.025	U	0.025	U
SED	Aroclors		N	Aroclor-1242	ug/g	0.025	U	0.025	U	0.025	U
SED	Aroclors		N	Aroclor-1248	ug/g	0.025	U	0.025	U	0.025	U
SED	Aroclors		N	Aroclor-1254	ug/g	0.025	U	0.025	U	0.025	U
SED	Aroclors		N	Aroclor-1260	ug/g	0.025	U	0.025	U	0.22	
SED	Aroclors		N	Aroclor-1262	ug/g	0.025	U	0.025	U	0.025	U
SED	Aroclors		N	Aroclor-1268	ug/g	0.025	U	0.025	U	0.025	U
SED	Homologs		N	Decachlorobiphenyl (total)	ug/Kg	0.5	U	0.5	U	6.3	
SED	Homologs		N	Dichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.4	U
SED	Homologs		N	Heptachlorobiphenyl (total)	ug/Kg	3.7	U	3.7	U	120	
SED	Homologs		N	Hexachlorobiphenyl (total)	ug/Kg	4.3	U	4.3	U	130	
SED	Homologs		N	Monochlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U
SED	Homologs		N	Nonachlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	24	
SED	Homologs		N	Octachlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	76	
SED	Homologs		N	Total Homolog (PCBs)	ug/Kg	31	U	31	U	540	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_05H		SDG_05H		SDG_05H		
				Location	SD2014-TF-G5		SD2014-TF-H5		SD2014-TF-L3		
				Sample Date	4/2/2015		4/2/2015		4/2/2015		
				Sample ID	SD14TFG503FSH		SD14TFH503FSH		SD14TFL303FSH		
				Qc Code	FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Homologs	N		Pentachlorobiphenyl (total)	ug/Kg	4.7	U	4.7	U	150	
SED	Homologs	N		Tetrachlorobiphenyl (total)	ug/Kg	4.3	U	4.3	U	24	
SED	Homologs	N		Trichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	4.6	
SED	PCB Congeners	N		Cl10-BZ#209	ug/Kg	0.51		0.2	U	10	U
SED	PCB Congeners	N		Cl2-BZ#8	ug/Kg	0.2	U	0.2	U	0.2	U
SED	PCB Congeners	N		Cl3-BZ#18	ug/Kg	0.2	U	0.2	U	4.5	
SED	PCB Congeners	N		Cl3-BZ#28	ug/Kg	0.2	U	0.2	U	1.7	
SED	PCB Congeners	N		Cl4-BZ#44	ug/Kg	0.2	U	1.5		16	
SED	PCB Congeners	N		Cl4-BZ#49	ug/Kg	0.2	U	0.2	U	13	
SED	PCB Congeners	N		Cl4-BZ#52	ug/Kg	0.2	U	0.2	U	21	
SED	PCB Congeners	N		Cl4-BZ#66	ug/Kg	0.2	U	1		8.7	
SED	PCB Congeners	N		Cl4-BZ#77	ug/Kg	0.2	U	0.2	U	4	
SED	PCB Congeners	N		Cl5-BZ#101	ug/Kg	0.2	J	0.2	U	40	
SED	PCB Congeners	N		Cl5-BZ#105	ug/Kg	0.2	U	0.2	U	29	
SED	PCB Congeners	N		Cl5-BZ#118	ug/Kg	0.17	J	0.2	U	21	
SED	PCB Congeners	N		Cl5-BZ#126	ug/Kg	0.2	U	0.2	U	2	U
SED	PCB Congeners	N		Cl5-BZ#128	ug/Kg	0.2	U	0.2	U	11	U
SED	PCB Congeners	N		Cl5-BZ#87	ug/Kg	0.2	U	0.2	U	9.1	
SED	PCB Congeners	N		Cl6-BZ#138	ug/Kg	0.49		0.2	U	39	U
SED	PCB Congeners	N		Cl6-BZ#153	ug/Kg	0.3		0.2	U	63	
SED	PCB Congeners	N		Cl6-BZ#170	ug/Kg	0.32		0.2	U	23	U
SED	PCB Congeners	N		Cl7-BZ#180	ug/Kg	0.88		0.2	U	38	U
SED	PCB Congeners	N		Cl7-BZ#183	ug/Kg	0.37		0.2	U	17	U
SED	PCB Congeners	N		Cl7-BZ#184	ug/Kg	0.2	U	0.2	U	5.8	
SED	PCB Congeners	N		Cl7-BZ#187	ug/Kg	0.63		0.2	U	31	U
SED	PCB Congeners	N		Cl8-BZ#195	ug/Kg	0.2	U	0.2	U	9.4	U
SED	PCB Congeners	N		Cl9-BZ#206	ug/Kg	0.3		0.2	U	22	U
SED	Metals	T		Arsenic	ug/g	5.32		7.41		8.33	
SED	Metals	T		Cadmium	ug/g	0.5	U	1.2		3.45	
SED	Metals	T		Chromium	ug/g	21.9	J	71	J	277	J
SED	Metals	T		Copper	ug/g	12.9		898		856	
SED	Metals	T		Lead	ug/g	6.25		112		134	
SED	Metals	T		Mercury	ug/g	0.05	U	0.94		2	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_05H	SDG_05H	SDG_05H			
				Location	SD2014-TF-G5	SD2014-TF-H5	SD2014-TF-L3			
				Sample Date	4/2/2015	4/2/2015	4/2/2015			
				Sample ID	SD14TFG503FSH	SD14TFH503FSH	SD14TFL303FSH			
				Qc Code	FS	FS	FS			
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Metals	T	Nickel	ug/g	17		23.3		40.2	
SED	Metals	T	Silver	ug/g	0.5	U	0.5	U	3.93	
SED	Metals	T	Zinc	ug/g	60.3		525		551	
SED	TOC	N	Total Organic Carbon	Percent	6.8		1.1		0.37	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_06H	SDG_07	SDG_07	SDG_07		
				Location	SD2014-TF-D7	SD2014-OF-01	SD2014-OF-05	SD2014-OF-07		
				Sample Date	4/3/2015	4/7/2015	4/7/2015	4/7/2015		
				Sample ID	SD14TFD703FSH	SD14OF0102FS	SD14OF0502FS	SD14OF0702FS		
				Qc Code	FS	FS	FS	FS		
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors	N	Aroclor-1016	ug/g	0.026	U	0.025	U	0.026	U
SED	Aroclors	N	Aroclor-1221	ug/g	0.026	U	0.025	U	0.026	U
SED	Aroclors	N	Aroclor-1232	ug/g	0.026	U	0.025	U	0.026	U
SED	Aroclors	N	Aroclor-1242	ug/g	0.026	U	0.025	U	0.026	U
SED	Aroclors	N	Aroclor-1248	ug/g	0.026	U	0.025	U	0.026	U
SED	Aroclors	N	Aroclor-1254	ug/g	0.026	U	0.21		0.2	
SED	Aroclors	N	Aroclor-1260	ug/g	0.026	U	0.28		0.95	
SED	Aroclors	N	Aroclor-1262	ug/g	0.026	U	0.15		0.21	J
SED	Aroclors	N	Aroclor-1268	ug/g	0.026	U	0.025	U	0.026	U
SED	Homologs	N	Decachlorobiphenyl (total)	ug/Kg			0.5		0.96	
SED	Homologs	N	Dichlorobiphenyl (total)	ug/Kg			12.1	U	2.5	U
SED	Homologs	N	Heptachlorobiphenyl (total)	ug/Kg			140		420	
SED	Homologs	N	Hexachlorobiphenyl (total)	ug/Kg			170		670	
SED	Homologs	N	Monochlorobiphenyl (total)	ug/Kg			4.5	U	0.9	U
SED	Homologs	N	Nonachlorobiphenyl (total)	ug/Kg			25		17	
SED	Homologs	N	Octachlorobiphenyl (total)	ug/Kg			65		100	
SED	Homologs	N	Total Homolog (PCBs)	ug/Kg			650		1600	
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg			170		380	
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg			62		56	
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg			16		8.9	
SED	Metals	T	Arsenic	ug/g			8.11		4.23	
SED	Metals	T	Cadmium	ug/g			5.9		2.74	
SED	Metals	T	Chromium	ug/g			5670		665	
SED	Metals	T	Copper	ug/g			1970		263	
SED	Metals	T	Lead	ug/g			111	J	80.5	J
SED	Metals	T	Mercury	ug/g			0.37		0.09	
SED	Metals	T	Nickel	ug/g			470		53	
SED	Metals	T	Silver	ug/g			6.89		2.97	
SED	Metals	T	Zinc	ug/g			291		92.2	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_07		SDG_07		SDG_07		SDG_07	
				Location	SD2014-OF-09		SD2014-OF-10		SD2014-OF8-12		SD2014-OF8-14	
				Sample Date	4/7/2015		4/7/2015		4/7/2015		4/7/2015	
				Sample ID	SD14OF0902FS		SD14OF1002FS		SD14OF1202FS		SD14OF1402FS	
				Qc Code	FS		FS		FS		FS	
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors	N	Aroclor-1016	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1221	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1232	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1242	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1248	ug/g	0.025	U	0.16		0.057		0.039	
SED	Aroclors	N	Aroclor-1254	ug/g	0.53		0.53		0.19		0.15	
SED	Aroclors	N	Aroclor-1260	ug/g	0.65		1.2		0.37		0.52	
SED	Aroclors	N	Aroclor-1262	ug/g	0.57		0.75		0.77		1.9	
SED	Aroclors	N	Aroclor-1268	ug/g	0.31		0.15		0.14		0.58	
SED	Homologs	N	Decachlorobiphenyl (total)	ug/Kg	0.5	U	16		15		97	
SED	Homologs	N	Dichlorobiphenyl (total)	ug/Kg	87		31		31		24	U
SED	Homologs	N	Heptachlorobiphenyl (total)	ug/Kg	3.5	U	620		280		950	
SED	Homologs	N	Hexachlorobiphenyl (total)	ug/Kg	370		960		370		370	
SED	Homologs	N	Monochlorobiphenyl (total)	ug/Kg	8.9	U	16		9	U	9	U
SED	Homologs	N	Nonachlorobiphenyl (total)	ug/Kg	27		140		150		1100	
SED	Homologs	N	Octachlorobiphenyl (total)	ug/Kg	68		340		300		1900	
SED	Homologs	N	Total Homolog (PCBs)	ug/Kg	1000		3000		1700		4800	
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg	440		770		390		270	
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg	21	U	86		110		88	
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg	28		28		19		26	
SED	Metals	T	Arsenic	ug/g	8.87		47.3		8.89		12.5	
SED	Metals	T	Cadmium	ug/g	13.9		58.8		6.85		72.2	
SED	Metals	T	Chromium	ug/g	5850		53600		2810		5920	
SED	Metals	T	Copper	ug/g	1040		5830		744		2430	
SED	Metals	T	Lead	ug/g	170	J	496	J	360	J	1100	J
SED	Metals	T	Mercury	ug/g	0.43		1.54		0.26		0.41	
SED	Metals	T	Nickel	ug/g	255		1990		123		419	
SED	Metals	T	Silver	ug/g	11.7		16.8		9.61		3.4	
SED	Metals	T	Zinc	ug/g	288		1390		242		444	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_07		SDG_07		SDG_07		SDG_08	
				Location	SD2014-OF8-15		SD2014-OF8-18		SD2014-OF8-19		SD2014-OF-01	
				Sample Date	4/7/2015		4/7/2015		4/7/2015		4/7/2015	
				Sample ID	SD14OF1502FS		SD14OF1802FS		SD14OF1903FS		SD14OF0103FSH	
				Qc Code	FS		FS		FS		FS	
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors	N	Aroclor-1016	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1221	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1232	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1242	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1248	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1254	ug/g	0.025	U	0.025	U	0.66		0.42	
SED	Aroclors	N	Aroclor-1260	ug/g	0.036		0.082		0.37		0.025	U
SED	Aroclors	N	Aroclor-1262	ug/g	0.055		0.067		0.3		0.52	
SED	Aroclors	N	Aroclor-1268	ug/g	0.025	U	0.025	U	0.11		0.025	U
SED	Homologs	N	Decachlorobiphenyl (total)	ug/Kg	1		2.5	U	2.5	U	2.7	
SED	Homologs	N	Dichlorobiphenyl (total)	ug/Kg	2.4	U	12.2	U	11.89	U	11.9	U
SED	Homologs	N	Heptachlorobiphenyl (total)	ug/Kg	22		53		110		280	
SED	Homologs	N	Hexachlorobiphenyl (total)	ug/Kg	19		68		230		350	
SED	Homologs	N	Monochlorobiphenyl (total)	ug/Kg	0.9	U	4.6	U	4.5	U	4.5	U
SED	Homologs	N	Nonachlorobiphenyl (total)	ug/Kg	11		16		13		39	
SED	Homologs	N	Octachlorobiphenyl (total)	ug/Kg	31		36		62		130	
SED	Homologs	N	Total Homolog (PCBs)	ug/Kg	110		280		880		1400	
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg	21		58		380		470	
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg	7		21.3	U	24		87	
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg	2.4	U	26		45		44	
SED	Metals	T	Arsenic	ug/g	3.08		3.39		6.41		9.03	
SED	Metals	T	Cadmium	ug/g	1.82		1.1		3.84		14.3	
SED	Metals	T	Chromium	ug/g	675		208		901		4110	J
SED	Metals	T	Copper	ug/g	190		155		246		521	
SED	Metals	T	Lead	ug/g	61.7	J	68.4	J	56.7	J	194	
SED	Metals	T	Mercury	ug/g	0.08		0.16		0.15		0.35	
SED	Metals	T	Nickel	ug/g	39.9		19.5		69.4		209	
SED	Metals	T	Silver	ug/g	0.5	U	0.58		4.26		3.93	
SED	Metals	T	Zinc	ug/g	69.3		99.4		163		331	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_08		SDG_08		SDG_08		SDG_08		
				Location	SD2014-TF-E1		SD2015-TF-G6		SD2015-TF-G6		SD2015-TF-G6		
				Sample Date	4/7/2015		4/2/2015		4/2/2015		4/2/2015		
				Sample ID	SD14TFE107FS		SD15TFG600FS		SD15TFG601FS		SD15TFG602FS		
				Qc Code	FS		FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors		N	Aroclor-1016	ug/g	0.024	U	0.026	U	0.025	U	0.025	U
SED	Aroclors		N	Aroclor-1221	ug/g	0.024	U	0.026	U	0.025	U	0.025	U
SED	Aroclors		N	Aroclor-1232	ug/g	0.024	U	0.026	U	0.025	U	0.025	U
SED	Aroclors		N	Aroclor-1242	ug/g	0.024	U	0.026	U	0.025	U	0.048	
SED	Aroclors		N	Aroclor-1248	ug/g	0.024	U	0.072		0.025	U	0.2	
SED	Aroclors		N	Aroclor-1254	ug/g	0.024	U	0.064		0.035		0.047	
SED	Aroclors		N	Aroclor-1260	ug/g	0.024	U	0.048		0.082		0.14	
SED	Aroclors		N	Aroclor-1262	ug/g	0.024	U	0.036		0.025	U	0.093	
SED	Aroclors		N	Aroclor-1268	ug/g	0.024	U	0.026	U	0.025	U	0.025	U
SED	Homologs		N	Decachlorobiphenyl (total)	ug/Kg	0.5	U	1.2		1.1		1.3	
SED	Homologs		N	Dichlorobiphenyl (total)	ug/Kg	2.3	U	2.5	U	2.4	U	2.8	
SED	Homologs		N	Heptachlorobiphenyl (total)	ug/Kg	3.5	U	37		30		51	
SED	Homologs		N	Hexachlorobiphenyl (total)	ug/Kg	4.1	U	49		51		71	
SED	Homologs		N	Monochlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U	0.9	U
SED	Homologs		N	Nonachlorobiphenyl (total)	ug/Kg	0.9	U	5.6		7.1		11	
SED	Homologs		N	Octachlorobiphenyl (total)	ug/Kg	2.3	U	30		16		25	
SED	Homologs		N	Total Homolog (PCBs)	ug/Kg	29	U	290		260		400	
SED	Homologs		N	Pentachlorobiphenyl (total)	ug/Kg	4.5	U	69		65		100	
SED	Homologs		N	Tetrachlorobiphenyl (total)	ug/Kg	4.1	U	68		72		91	
SED	Homologs		N	Trichlorobiphenyl (total)	ug/Kg	2.3	U	27		22		44	
SED	Metals		T	Arsenic	ug/g	5.27		6.3		7.47		6.33	
SED	Metals		T	Cadmium	ug/g	0.5	U	0.75		0.82		1.03	
SED	Metals		T	Chromium	ug/g	21.8	J	91.3	J	108	J	107	J
SED	Metals		T	Copper	ug/g	9.38		250		298		305	
SED	Metals		T	Lead	ug/g	5.86		57.4		68.7		65.3	
SED	Metals		T	Mercury	ug/g	0.05	U	0.35		0.58		0.37	
SED	Metals		T	Nickel	ug/g	15.5		24.5		30.6		30.2	
SED	Metals		T	Silver	ug/g	0.5	U	1.34		1.73		2.03	
SED	Metals		T	Zinc	ug/g	52.9		208		222		235	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_08		SDG_08		SDG_08		SDG_08	
				Location	SD2015-TF-GH6		SD2015-TF-H6		SD2015-TF-H6		SD2015-TF-H6	
				Sample Date	4/2/2015		4/3/2015		4/3/2015		4/3/2015	
				Sample ID	SD15TFGH601FS		SD15TFH600FS		SD15TFH601FS		SD15TFH602FS	
				Qc Code	FS		FS		FS		FS	
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors	N	Aroclor-1016	ug/g	0.025	U	0.024	U	0.024	U	0.024	U
SED	Aroclors	N	Aroclor-1221	ug/g	0.025	U	0.024	U	0.024	U	0.024	U
SED	Aroclors	N	Aroclor-1232	ug/g	0.025	U	0.024	U	0.024	U	0.024	U
SED	Aroclors	N	Aroclor-1242	ug/g	0.025	U	0.024	U	0.024	U	0.024	U
SED	Aroclors	N	Aroclor-1248	ug/g	0.025	U	0.024	U	0.024	U	0.024	U
SED	Aroclors	N	Aroclor-1254	ug/g	0.025	U	0.024	U	0.024	U	0.024	U
SED	Aroclors	N	Aroclor-1260	ug/g	0.025	U	0.024	U	0.024	U	0.024	U
SED	Aroclors	N	Aroclor-1262	ug/g	0.025	U	0.024	U	0.024	U	0.024	U
SED	Aroclors	N	Aroclor-1268	ug/g	0.025	U	0.024	U	0.024	U	0.024	U
SED	Homologs	N	Decachlorobiphenyl (total)	ug/Kg	0.5	U	0.5	U	0.5	U	0.5	U
SED	Homologs	N	Dichlorobiphenyl (total)	ug/Kg	2.4	U	2.3	U	2.3	U	2.3	U
SED	Homologs	N	Heptachlorobiphenyl (total)	ug/Kg	3.6	U	3.5		6.4		5	
SED	Homologs	N	Hexachlorobiphenyl (total)	ug/Kg	4.2	U	4.1	U	6		4.1	U
SED	Homologs	N	Monochlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U	0.9	U
SED	Homologs	N	Nonachlorobiphenyl (total)	ug/Kg	0.9	U	0.94		0.9	U	0.9	U
SED	Homologs	N	Octachlorobiphenyl (total)	ug/Kg	2.4	U	2.3	U	2.3	U	2.3	U
SED	Homologs	N	Total Homolog (PCBs)	ug/Kg	30	U	29	U	29	U	29	U
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg	4.6	U	4.4	U	6.8		4.5	U
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg	4.2	U	7.1		6		4.1	U
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg	2.4	U	2.3	U	2.3	U	2.3	U
SED	Metals	T	Arsenic	ug/g	1.86		1.49		2.06		2	
SED	Metals	T	Cadmium	ug/g	0.5	U	0.5	U	0.5	U	0.5	U
SED	Metals	T	Chromium	ug/g	12	J	7.54	J	12.9	J	10	J
SED	Metals	T	Copper	ug/g	102		8.49		20.7		7.02	
SED	Metals	T	Lead	ug/g	17.2		3.32		5.85		3.24	
SED	Metals	T	Mercury	ug/g	0.12		0.05	U	0.05	U	0.05	U
SED	Metals	T	Nickel	ug/g	6.28		5.08		7.98		6.99	
SED	Metals	T	Silver	ug/g	0.5	U	0.5	U	0.5	U	0.5	U
SED	Metals	T	Zinc	ug/g	77.9		22.2		40.9		24.3	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_08		SDG_09		SDG_09		SDG_09	
				Location	SD2015-TF-J6		SD2014-TF-B2		SD2014-TF-C4		SD2014-TF-D1	
				Sample Date	4/3/2015		4/3/2015		4/3/2015		4/3/2015	
				Sample ID	SD15TFJ600FS		SD14TFB202FS		SD14TFC402FS		SD14TFD102FS	
				Qc Code	FS		FS		FS		FS	
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors	N	Aroclor-1016	ug/g	0.026	U	0.024	U	0.026	U	0.025	U
SED	Aroclors	N	Aroclor-1221	ug/g	0.026	U	0.024	U	0.026	U	0.025	U
SED	Aroclors	N	Aroclor-1232	ug/g	0.026	U	0.024	U	0.026	U	0.025	U
SED	Aroclors	N	Aroclor-1242	ug/g	0.026	U	0.024	U	0.026	U	0.025	U
SED	Aroclors	N	Aroclor-1248	ug/g	0.026	U	0.024	U	0.026	U	0.025	U
SED	Aroclors	N	Aroclor-1254	ug/g	0.026	U	0.024	U	0.026	U	0.025	U
SED	Aroclors	N	Aroclor-1260	ug/g	0.026	U	0.024	U	0.026	U	0.025	U
SED	Aroclors	N	Aroclor-1262	ug/g	0.026	U	0.024	U	0.026	U	0.025	U
SED	Aroclors	N	Aroclor-1268	ug/g	0.026	U	0.024	U	0.026	U	0.025	U
SED	Homologs	N	Decachlorobiphenyl (total)	ug/Kg	0.5	U	0.49	U	0.51	U	0.5	U
SED	Homologs	N	Dichlorobiphenyl (total)	ug/Kg	2.5	U	2.3	U	2.5	U	2.4	U
SED	Homologs	N	Heptachlorobiphenyl (total)	ug/Kg	3.7	U	3.5	U	3.7	U	3.6	U
SED	Homologs	N	Hexachlorobiphenyl (total)	ug/Kg	4.3	U	4.1	U	4.3	U	4.2	U
SED	Homologs	N	Monochlorobiphenyl (total)	ug/Kg	0.9	U	0.88	U	0.92	U	0.91	U
SED	Homologs	N	Nonachlorobiphenyl (total)	ug/Kg	0.9	U	0.88	U	0.92	U	0.91	U
SED	Homologs	N	Octachlorobiphenyl (total)	ug/Kg	2.5	U	2.3	U	2.5	U	2.4	U
SED	Homologs	N	Total Homolog (PCBs)	ug/Kg	31	U	29	U	31	U	30	U
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg	4.7	U	4.5	U	4.7	U	4.6	U
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg	4.3	U	4.1	U	4.3	U	7.2	U
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg	2.5	U	2.3	U	2.5	U	2.5	U
SED	Metals	T	Arsenic	ug/g	1.36		4.9		4.5		5.41	
SED	Metals	T	Cadmium	ug/g	0.5	U	0.5	U	0.5	U	0.5	U
SED	Metals	T	Chromium	ug/g	8.58	J	19.6		16.8		20.8	
SED	Metals	T	Copper	ug/g	14.7		9.09		7.64		10.4	
SED	Metals	T	Lead	ug/g	3.88		6.03		4.67		6.66	
SED	Metals	T	Mercury	ug/g	0.38		0.05	U	0.05	U	0.05	U
SED	Metals	T	Nickel	ug/g	4.55		14.9		12.8		15.6	
SED	Metals	T	Silver	ug/g	0.5	U	0.5	U	0.5	U	0.5	U
SED	Metals	T	Zinc	ug/g	27.7		52.4		46.3		54	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_09		SDG_09		SDG_09		SDG_09	
				Location	SD2014-TF-D7		SD2014-TF-DE0		SD2014-TF-DE0		SD2015-TF-D0	
				Sample Date	4/3/2015		4/3/2015		4/3/2015		4/3/2015	
				Sample ID	SD14TFD702FS		SD14TFDE003FS		SD14TFDE005FS		SD15TFD003FS	
				Qc Code	FS		FS		FS		FS	
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors	N	Aroclor-1016	ug/g	0.026	U	0.025	U	0.025	U	0.035	
SED	Aroclors	N	Aroclor-1221	ug/g	0.026	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1232	ug/g	0.026	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1242	ug/g	0.026	U	0.025	U	0.025	U	0.073	
SED	Aroclors	N	Aroclor-1248	ug/g	0.026	U	0.025	U	0.025	U	0.51	
SED	Aroclors	N	Aroclor-1254	ug/g	0.026	U	0.025	U	0.025	U	0.089	
SED	Aroclors	N	Aroclor-1260	ug/g	0.026	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1262	ug/g	0.028		0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1268	ug/g	0.45		0.025	U	0.025	U	0.025	U
SED	Homologs	N	Decachlorobiphenyl (total)	ug/Kg	0.51	U	0.5	U	0.5	U	0.51	U
SED	Homologs	N	Dichlorobiphenyl (total)	ug/Kg	12		2.4	U	2.4	U	4.6	
SED	Homologs	N	Heptachlorobiphenyl (total)	ug/Kg	39		3.6	U	3.6	U	10	
SED	Homologs	N	Hexachlorobiphenyl (total)	ug/Kg	8.3		4.2	U	4.2	U	17	
SED	Homologs	N	Monochlorobiphenyl (total)	ug/Kg	4.6		0.9	U	0.89	U	0.91	U
SED	Homologs	N	Nonachlorobiphenyl (total)	ug/Kg	23		0.9	U	0.89	U	0.91	U
SED	Homologs	N	Octachlorobiphenyl (total)	ug/Kg	45		2.4	U	2.4	U	4.2	
SED	Homologs	N	Total Homolog (PCBs)	ug/Kg	140		30	U	30	U	770	
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg	4.7	U	4.6	U	4.6	U	120	
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg	4.3	U	4.2	U	6.6		410	
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.4		200	
SED	Metals	T	Arsenic	ug/g	9.87		5.1		6.21		5.64	
SED	Metals	T	Cadmium	ug/g	4.04		0.5	U	0.5	U	0.5	U
SED	Metals	T	Chromium	ug/g	396		21.7		22.4		26.8	
SED	Metals	T	Copper	ug/g	2170		11.9		12.6		20.4	
SED	Metals	T	Lead	ug/g	203		6.72		7.18		8.64	
SED	Metals	T	Mercury	ug/g	2.98		0.05	U	0.05	U	0.05	U
SED	Metals	T	Nickel	ug/g	43.7		16.1		17.8		21.3	
SED	Metals	T	Silver	ug/g	1.28		0.5	U	0.5	U	0.5	U
SED	Metals	T	Zinc	ug/g	1120		59.4		59.1		59.5	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_09		SDG_09		SDG_09		SDG_10	
				Location	SD2015-TF-D0		SD2015-TF-D0		SD2015-TF-GH6		SD2014-TF-A5	
				Sample Date	4/3/2015		4/3/2015		4/2/2015		4/6/2015	
				Sample ID	SD15TFD005FS		SD15TFD007FS		SD15TFGH600FS		SD14TFA502FS	
				Qc Code	FS		FS		FS		FS	
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors	N	Aroclor-1016	ug/g	0.025	U	0.25		0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1221	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1232	ug/g	0.025	U	0.14		0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1242	ug/g	0.085		1.7		0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1248	ug/g	0.052		1.1		0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1254	ug/g	0.025	U	0.039		0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1260	ug/g	0.025	U	0.054		0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1262	ug/g	0.025	U	0.036		0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1268	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Homologs	N	Decachlorobiphenyl (total)	ug/Kg	0.5	U	0.5	U	0.49	U	0.5	U
SED	Homologs	N	Dichlorobiphenyl (total)	ug/Kg	2.4	U	19		2.4	U	2.4	U
SED	Homologs	N	Heptachlorobiphenyl (total)	ug/Kg	3.6	U	23		3.6	U	3.6	U
SED	Homologs	N	Hexachlorobiphenyl (total)	ug/Kg	4.2	U	42		4.1	U	4.2	U
SED	Homologs	N	Monochlorobiphenyl (total)	ug/Kg	0.91	U	0.9	U	0.89	U	0.9	UJ
SED	Homologs	N	Nonachlorobiphenyl (total)	ug/Kg	0.91	U	0.9	U	0.89	U	0.9	U
SED	Homologs	N	Octachlorobiphenyl (total)	ug/Kg	2.4	U	8.1		2.4	U	2.4	U
SED	Homologs	N	Total Homolog (PCBs)	ug/Kg	140		1800		30	U	30	U
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg	22		290		4.5	U	4.6	UJ
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg	68		900		4.1	U	4.2	U
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg	40		480		2.4	U	2.4	U
SED	Metals	T	Arsenic	ug/g	5.97		6.6		2.48		6.94	
SED	Metals	T	Cadmium	ug/g	0.5	U	0.6		0.5	U	0.5	U
SED	Metals	T	Chromium	ug/g	26.6		33		14.9		24.8	J
SED	Metals	T	Copper	ug/g	11.4		19.3		95.6		51.9	
SED	Metals	T	Lead	ug/g	7.7		9.6		14.9		17.7	
SED	Metals	T	Mercury	ug/g	0.05	U	0.05	U	0.09		0.12	
SED	Metals	T	Nickel	ug/g	19.7		28.5		6.73		17.9	
SED	Metals	T	Silver	ug/g	0.5	U	0.5	U	0.5	U	0.5	U
SED	Metals	T	Zinc	ug/g	62.6		74.3		72.2		78.2	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_10		SDG_10		SDG_10		SDG_10	
				Location	SD2014-TF-C5		SD2014-TF-GH1		SD2015-TF-E7		SD2015-TF-E7	
				Sample Date	4/6/2015		4/6/2015		4/2/2015		4/2/2015	
				Sample ID	SD14TFC502FS		SD14TFGH103FS		SD15TFE700FS		SD15TFE701FS	
				Qc Code	FS		FS		FS		FS	
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors	N	Aroclor-1016	ug/g	0.025	U	0.025	U	0.04		0.066	
SED	Aroclors	N	Aroclor-1221	ug/g	0.025	U	0.025	U	0.025	U	0.026	U
SED	Aroclors	N	Aroclor-1232	ug/g	0.025	U	0.025	U	0.025	U	0.026	U
SED	Aroclors	N	Aroclor-1242	ug/g	0.025	U	0.025	U	0.025	U	0.026	U
SED	Aroclors	N	Aroclor-1248	ug/g	0.025	U	0.025	U	0.069		0.13	
SED	Aroclors	N	Aroclor-1254	ug/g	0.025	U	0.025	U	0.093		0.18	
SED	Aroclors	N	Aroclor-1260	ug/g	0.025	U	0.025	U	0.16		0.17	
SED	Aroclors	N	Aroclor-1262	ug/g	0.025	U	0.025	U	0.074		0.081	
SED	Aroclors	N	Aroclor-1268	ug/g	0.025	U	0.025	U	0.025	U	0.026	U
SED	Homologs	N	Decachlorobiphenyl (total)	ug/Kg	0.49	U	0.51	U	2		2.8	
SED	Homologs	N	Dichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.4	U	2.4	U
SED	Homologs	N	Heptachlorobiphenyl (total)	ug/Kg	3.5	U	3.7		69		58	
SED	Homologs	N	Hexachlorobiphenyl (total)	ug/Kg	4.1	U	4.2	UJ	96		100	
SED	Homologs	N	Monochlorobiphenyl (total)	ug/Kg	0.88	UJ	0.91	UJ	0.91	UJ	0.92	UJ
SED	Homologs	N	Nonachlorobiphenyl (total)	ug/Kg	0.88	U	0.91	U	14		13	
SED	Homologs	N	Octachlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	41		33	
SED	Homologs	N	Total Homolog (PCBs)	ug/Kg	29	U	30	U	620		690	
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg	4.5	UJ	4.6	UJ	160	J	180	J
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg	4.1	U	4.2	U	170		230	
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	66		77	
SED	Metals	T	Arsenic	ug/g	3.89		4.54		9.02		7.45	
SED	Metals	T	Cadmium	ug/g	0.5	U	0.5	U	2.17		2.87	
SED	Metals	T	Chromium	ug/g	14.3	J	37	J	192	J	357	J
SED	Metals	T	Copper	ug/g	39.9		13.9		443		861	
SED	Metals	T	Lead	ug/g	13.1		7.05		106		92	
SED	Metals	T	Mercury	ug/g	0.23		0.05	U	0.48		0.57	
SED	Metals	T	Nickel	ug/g	10.5		22.9		43.7		36.7	
SED	Metals	T	Silver	ug/g	0.5	U	0.5	U	3.05		2.73	
SED	Metals	T	Zinc	ug/g	71.5		52.4		305		536	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_10		SDG_10		SDG_10		SDG_10	
				Location	SD2015-TF-E7		SD2015-TF-G7		SD2015-TF-G7		SD2015-TF-GH5	
				Sample Date	4/2/2015		4/6/2015		4/6/2015		4/2/2015	
				Sample ID	SD15TFE702FS		SD15TFG700FS		SD15TFG702FS		SD15TFGH500FS	
				Qc Code	FS		FS		FS		FS	
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors	N	Aroclor-1016	ug/g	0.025	U	0.025	U	0.024	U		5.5
SED	Aroclors	N	Aroclor-1221	ug/g	0.025	U	0.025	U	0.024	U		0.26 U
SED	Aroclors	N	Aroclor-1232	ug/g	0.025	U	0.025	U	0.024	U		1.4
SED	Aroclors	N	Aroclor-1242	ug/g	0.025	U	0.025	U	0.024	U		31
SED	Aroclors	N	Aroclor-1248	ug/g	0.025	U	0.025	U	0.024	U		19
SED	Aroclors	N	Aroclor-1254	ug/g	0.025	U	0.025	U	0.024	U		6.1
SED	Aroclors	N	Aroclor-1260	ug/g	0.025	U	0.025	U	0.024	U		5.3
SED	Aroclors	N	Aroclor-1262	ug/g	0.042		0.025	U	0.024	U		4.7
SED	Aroclors	N	Aroclor-1268	ug/g	0.14		0.025	U	0.024	U		1.6
SED	Homologs	N	Decachlorobiphenyl (total)	ug/Kg	32		0.5	U	0.49	U		79
SED	Homologs	N	Dichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.3	U		360
SED	Homologs	N	Heptachlorobiphenyl (total)	ug/Kg	53		3.6	U	5.2			3200
SED	Homologs	N	Hexachlorobiphenyl (total)	ug/Kg	32		5.9		5.8			2900
SED	Homologs	N	Monochlorobiphenyl (total)	ug/Kg	0.88	UJ	0.89	UJ	0.88	UJ		26 J
SED	Homologs	N	Nonachlorobiphenyl (total)	ug/Kg	84		0.89	U	0.88	U		750
SED	Homologs	N	Octachlorobiphenyl (total)	ug/Kg	100		2.4	U	2.3	U		1900
SED	Homologs	N	Total Homolog (PCBs)	ug/Kg	320		30	U	29	U		54000
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg	5.9	J	7.5	J	7	J		9600 J
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg	4.1	U	5.2		4.9			25000
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg	5.2		2.4	U	2.3	U		11000
SED	Metals	T	Arsenic	ug/g	11.2		1.85		2.89			5.85
SED	Metals	T	Cadmium	ug/g	3.67		0.5	U	0.5	U		4.8
SED	Metals	T	Chromium	ug/g	555	J	21.3	J	36.7	J		348 J
SED	Metals	T	Copper	ug/g	2260		48.7		90.6			559
SED	Metals	T	Lead	ug/g	179		12.2		22.2			79.9
SED	Metals	T	Mercury	ug/g	3.64		0.08		0.13			0.57
SED	Metals	T	Nickel	ug/g	44.4		7.3		12.1			135
SED	Metals	T	Silver	ug/g	1.28		0.5	U	0.5	U		14.6
SED	Metals	T	Zinc	ug/g	856		61		103			360

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_10		SDG_11		SDG_11		SDG_11	
				Location	SD2015-TF-GH5		SD2014-TF-A1		SD2014-TF-A6		SD2014-TF-A7	
				Sample Date	4/2/2015		4/6/2015		4/6/2015		4/6/2015	
				Sample ID	SD15TFGH502FS		SD14TFA107FS		SD14TFA602FS		SD14TFA702FS	
				Qc Code	FS		FS		FS		FS	
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors	N	Aroclor-1016	ug/g	0.027		0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1221	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1232	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1242	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1248	ug/g	0.038		0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1254	ug/g	0.29		0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1260	ug/g	0.66		0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1262	ug/g	0.52		0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1268	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Homologs	N	Decachlorobiphenyl (total)	ug/Kg	10		0.5	U	0.5	U	0.5	U
SED	Homologs	N	Dichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.4	U	2.4	U
SED	Homologs	N	Heptachlorobiphenyl (total)	ug/Kg	270		3.6	U	3.6	U	3.6	U
SED	Homologs	N	Hexachlorobiphenyl (total)	ug/Kg	390		4.2	U	4.1	U	4.2	U
SED	Homologs	N	Monochlorobiphenyl (total)	ug/Kg	0.9	UJ	0.9	U	0.9	U	0.9	U
SED	Homologs	N	Nonachlorobiphenyl (total)	ug/Kg	43		0.9	U	0.9	U	0.9	U
SED	Homologs	N	Octachlorobiphenyl (total)	ug/Kg	200		2.4	U	2.4	U	2.4	U
SED	Homologs	N	Total Homolog (PCBs)	ug/Kg	1400		30	U	30	U	30	U
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg	370	J	4.6	U	4.5	U	4.6	U
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg	120		4.2	U	4.1	U	4.2	U
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg	37		2.4	U	2.4	U	2.4	U
SED	Metals	T	Arsenic	ug/g	13.2		6.66		5.94		6.74	
SED	Metals	T	Cadmium	ug/g	4.45		0.5	U	0.5	U	0.5	U
SED	Metals	T	Chromium	ug/g	694	J	24.2		21		29.3	
SED	Metals	T	Copper	ug/g	1920		14		60.9		259	
SED	Metals	T	Lead	ug/g	173		6.58		16.7		65.1	
SED	Metals	T	Mercury	ug/g	1.28		0.05	U	0.24		0.64	
SED	Metals	T	Nickel	ug/g	58.2		18.7		16		21.5	
SED	Metals	T	Silver	ug/g	7.2		0.5	U	0.5	U	0.5	U
SED	Metals	T	Zinc	ug/g	776		70.1		96.9		196	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_11		SDG_11		SDG_11		SDG_11	
				Location	SD2014-TF-C1		SD2014-TF-ZA56		SD2015-TF-B12		SD2015-TF-B12	
				Sample Date	4/3/2015		4/6/2015		4/3/2015		4/3/2015	
				Sample ID	SD14TF-C102FS		SD14TFZA5603FS		SD15TFB1203FS		SD15TFB1205FS	
				Qc Code	FS		FS		FS		FS	
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors	N	Aroclor-1016	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1221	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1232	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1242	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1248	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1254	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1260	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1262	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1268	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Homologs	N	Decachlorobiphenyl (total)	ug/Kg	0.5	U	0.5	U	0.5	U	0.5	U
SED	Homologs	N	Dichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.4	U	2.4	U
SED	Homologs	N	Heptachlorobiphenyl (total)	ug/Kg	3.6	U	3.6	U	3.7	U	3.6	U
SED	Homologs	N	Hexachlorobiphenyl (total)	ug/Kg	4.2	U	4.2	U	4.3	U	4.2	U
SED	Homologs	N	Monochlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U	0.9	U
SED	Homologs	N	Nonachlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U	0.9	U
SED	Homologs	N	Octachlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.4	U	2.4	U
SED	Homologs	N	Total Homolog (PCBs)	ug/Kg	30	U	30	U	30	U	30	U
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg	5.3		4.6	U	4.7	U	4.6	U
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg	12		4.2	U	4.3	U	4.2	U
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg	7.2		2.4	U	2.4	U	2.4	U
SED	Metals	T	Arsenic	ug/g	5.54		6.93		5.98		6.07	
SED	Metals	T	Cadmium	ug/g	0.5	U	0.5	U	0.5	U	0.5	U
SED	Metals	T	Chromium	ug/g	21.9		26.8		25.6		24.2	
SED	Metals	T	Copper	ug/g	10.2		22.1		13.8		12.8	
SED	Metals	T	Lead	ug/g	6.29		11		7.99		7.5	
SED	Metals	T	Mercury	ug/g	0.05	U	0.05	U	0.05	U	0.05	U
SED	Metals	T	Nickel	ug/g	16.8		20		19.5		18.8	
SED	Metals	T	Silver	ug/g	0.5	U	0.5	U	0.5	U	0.5	U
SED	Metals	T	Zinc	ug/g	58		68		68.8		65.8	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_11		SDG_11		SDG_11		SDG_12	
				Location	SD2015-TF-B12		SD2015-TF-L6		SD2015-TF-L6		SD2014-TF-A1	
				Sample Date	4/3/2015		4/6/2015		4/6/2015		4/6/2015	
				Sample ID	SD15TFB1207FS		SD15TFL600FS		SD15TFL602FS		SD14TFA105FS	
				Qc Code	FS		FS		FS		FS	
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors	N	Aroclor-1016	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1221	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1232	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1242	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1248	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1254	ug/g	0.025	U	0.062		0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1260	ug/g	0.025	U	0.11		0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1262	ug/g	0.025	U	0.14		0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1268	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Homologs	N	Decachlorobiphenyl (total)	ug/Kg	0.5	U	2.6		0.5	U	0.5	U
SED	Homologs	N	Dichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.4	U	2.4	UJ
SED	Homologs	N	Heptachlorobiphenyl (total)	ug/Kg	3.6	U	73		3.7	U	3.6	U
SED	Homologs	N	Hexachlorobiphenyl (total)	ug/Kg	4.2	U	72		4.3	U	4.2	U
SED	Homologs	N	Monochlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U	0.9	UJ
SED	Homologs	N	Nonachlorobiphenyl (total)	ug/Kg	0.9	U	26		0.9	U	0.9	U
SED	Homologs	N	Octachlorobiphenyl (total)	ug/Kg	2.4	U	62		2.4	U	2.4	U
SED	Homologs	N	Total Homolog (PCBs)	ug/Kg	30	U	450		31	U	30	U
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg	4.6	U	110		4.7	U	4.6	UJ
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg	5.5		73		4.3	U	4.2	U
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg	2.4	U	32		2.4	U	2.4	UJ
SED	Metals	T	Arsenic	ug/g	8.15		6.35		5.87		6.52	
SED	Metals	T	Cadmium	ug/g	0.65		1.91		0.62		0.5	U
SED	Metals	T	Chromium	ug/g	29.1		338		24.7		20.5	
SED	Metals	T	Copper	ug/g	15.9		611		16.6		12.1	
SED	Metals	T	Lead	ug/g	9.56		80.7		8.22		5.65	J
SED	Metals	T	Mercury	ug/g	0.05	U	0.33		0.05	U	0.05	U
SED	Metals	T	Nickel	ug/g	22.3		34		20.3		15.5	
SED	Metals	T	Silver	ug/g	0.5	U	1.98		0.5	U	0.5	U
SED	Metals	T	Zinc	ug/g	74.1		355		70.6		56.1	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_12		SDG_12		SDG_12		SDG_12	
				Location	SD2014-TF-B7		SD2014-TF-HJ1		SD2014-TF-HJ1		SD2014-TF-J2	
				Sample Date	4/6/2015		4/2/2015		4/2/2015		4/2/2015	
				Sample ID	SD14TFB703FS		SD14TFHJ103FS		SD14TFHJ105FS		SD14TFJ202FS	
				Qc Code	FS		FS		FS		FS	
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors	N	Aroclor-1016	ug/g	0.024	U	0.025	U	0.024	U	0.024	U
SED	Aroclors	N	Aroclor-1221	ug/g	0.024	U	0.025	U	0.024	U	0.024	U
SED	Aroclors	N	Aroclor-1232	ug/g	0.024	U	0.025	U	0.024	U	0.024	U
SED	Aroclors	N	Aroclor-1242	ug/g	0.024	U	0.025	U	0.024	U	0.024	U
SED	Aroclors	N	Aroclor-1248	ug/g	0.024	U	0.025	U	0.024	U	0.024	U
SED	Aroclors	N	Aroclor-1254	ug/g	0.024	U	0.025	U	0.024	U	0.024	U
SED	Aroclors	N	Aroclor-1260	ug/g	0.024	U	0.025	U	0.024	U	0.024	U
SED	Aroclors	N	Aroclor-1262	ug/g	0.024	U	0.025	U	0.024	U	0.024	U
SED	Aroclors	N	Aroclor-1268	ug/g	0.024	U	0.025	U	0.024	U	0.024	U
SED	Homologs	N	Decachlorobiphenyl (total)	ug/Kg	0.5	U	0.8		0.5		0.5	U
SED	Homologs	N	Dichlorobiphenyl (total)	ug/Kg	2.3	UJ	2.4	UJ	2.3	UJ	2.3	UJ
SED	Homologs	N	Heptachlorobiphenyl (total)	ug/Kg	3.5	U	5		3.9		3.5	U
SED	Homologs	N	Hexachlorobiphenyl (total)	ug/Kg	4.1	U	4.8		4.1	U	4.1	U
SED	Homologs	N	Monochlorobiphenyl (total)	ug/Kg	0.9	UJ	0.9	UJ	0.9	UJ	0.9	UJ
SED	Homologs	N	Nonachlorobiphenyl (total)	ug/Kg	0.9	U	1.4		1.1		0.9	U
SED	Homologs	N	Octachlorobiphenyl (total)	ug/Kg	2.3	U	4.6		2.7		2.3	U
SED	Homologs	N	Total Homolog (PCBs)	ug/Kg	29	U	30	U	29	U	29	U
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg	4.5	UJ	5.5	J	9.4	J	4.5	UJ
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg	4.1	U	4.2	U	4.1	U	4.1	U
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg	2.3	UJ	2.4	UJ	2.3	UJ	2.3	UJ
SED	Metals	T	Arsenic	ug/g	8.32		5.55		6.37		5.46	
SED	Metals	T	Cadmium	ug/g	0.96		0.55		0.5	U	0.5	U
SED	Metals	T	Chromium	ug/g	47.5		61.2		35.1		22.2	
SED	Metals	T	Copper	ug/g	644		141		33.7		10.5	
SED	Metals	T	Lead	ug/g	155	J	15.5	J	6.35	J	6.07	J
SED	Metals	T	Mercury	ug/g	0.98	J	0.48	J	0.23	J	0.05	U
SED	Metals	T	Nickel	ug/g	26.4		17.1		19.6		16.9	
SED	Metals	T	Silver	ug/g	0.58		0.5	U	0.5	U	0.5	U
SED	Metals	T	Zinc	ug/g	387		118		49.7		56.5	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_12		SDG_12		SDG_12		SDG_12	
				Location	SD2015-TF-GH12		SD2015-TF-GH12		SD2015-TF-GH12		SD2015-TF-J1	
				Sample Date	4/2/2015		4/2/2015		4/2/2015		4/2/2015	
				Sample ID	SD15TFGH1203FS		SD15TFGH1205FS		SD15TFGH1207FS		SD15TFJ103FS	
				Qc Code	FS		FS		FS		FS	
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors	N	Aroclor-1016	ug/g	0.026	U	0.026	U	0.025	U	0.024	U
SED	Aroclors	N	Aroclor-1221	ug/g	0.026	U	0.026	U	0.025	U	0.024	U
SED	Aroclors	N	Aroclor-1232	ug/g	0.026	U	0.026	U	0.025	U	0.024	U
SED	Aroclors	N	Aroclor-1242	ug/g	0.026	U	0.026	U	0.025	U	0.024	U
SED	Aroclors	N	Aroclor-1248	ug/g	0.026	UJ	0.026	U	0.025	U	0.024	U
SED	Aroclors	N	Aroclor-1254	ug/g	0.19		0.026	U	0.025	U	0.024	U
SED	Aroclors	N	Aroclor-1260	ug/g	0.7		0.026	U	0.025	U	0.024	U
SED	Aroclors	N	Aroclor-1262	ug/g	0.58		0.026	U	0.025	U	0.024	U
SED	Aroclors	N	Aroclor-1268	ug/g	0.18		0.026	U	0.025	U	0.024	U
SED	Homologs	N	Decachlorobiphenyl (total)	ug/Kg	5.1		0.5	U	0.5	U	0.5	U
SED	Homologs	N	Dichlorobiphenyl (total)	ug/Kg	3.3	J	2.5	UJ	2.4	UJ	2.3	UJ
SED	Homologs	N	Heptachlorobiphenyl (total)	ug/Kg	250		3.7	U	3.6	U	3.5	U
SED	Homologs	N	Hexachlorobiphenyl (total)	ug/Kg	190		4.3	U	4.2	U	4.1	U
SED	Homologs	N	Monochlorobiphenyl (total)	ug/Kg	1.9	J	0.9	UJ	0.9	UJ	0.9	UJ
SED	Homologs	N	Nonachlorobiphenyl (total)	ug/Kg	55		0.9	U	0.9	U	0.9	U
SED	Homologs	N	Octachlorobiphenyl (total)	ug/Kg	170		2.5	U	2.4	U	2.3	U
SED	Homologs	N	Total Homolog (PCBs)	ug/Kg	990		31	U	30	U	29	U
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg	170	J	4.7	UJ	4.6	UJ	4.5	UJ
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg	95		4.3	U	4.2	U	4.1	U
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg	46	J	2.5	UJ	2.4	UJ	2.3	UJ
SED	Metals	T	Arsenic	ug/g	6.26		5.01		5.41		4.72	
SED	Metals	T	Cadmium	ug/g	2.15		0.5	U	0.5	U	0.5	U
SED	Metals	T	Chromium	ug/g	2360		36.9		24.1		16.5	
SED	Metals	T	Copper	ug/g	188		12.3		12.3		7.99	
SED	Metals	T	Lead	ug/g	65.4	J	5.54	J	6.89	J	4.43	J
SED	Metals	T	Mercury	ug/g	1	J	0.05	U	0.05	U	0.05	U
SED	Metals	T	Nickel	ug/g	1160		21		18.7		13	
SED	Metals	T	Silver	ug/g	3.27		0.5	U	0.5	U	0.5	U
SED	Metals	T	Zinc	ug/g	187		52.1		64.7		38.9	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_12		SDG_13		SDG_13		SDG_13	
				Location	SD2015-TF-J1		SD2014-TF-F1		SD2014-TF-H2		SD2015-TF-EF01	
				Sample Date	4/2/2015		4/3/2015		4/2/2015		4/3/2015	
				Sample ID	SD15TFJ105FS		SD14TFF102FS		SD14TFH203FS		SD15TFEF0103FS	
				Qc Code	FS		FS		FS		FS	
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors	N	Aroclor-1016	ug/g	0.024	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1221	ug/g	0.024	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1232	ug/g	0.024	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1242	ug/g	0.024	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1248	ug/g	0.024	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1254	ug/g	0.024	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1260	ug/g	0.024	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1262	ug/g	0.024	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1268	ug/g	0.024	U	0.025	U	0.025	U	0.025	U
SED	Homologs	N	Decachlorobiphenyl (total)	ug/Kg	0.5	U	0.5	U	0.5	U	0.5	U
SED	Homologs	N	Dichlorobiphenyl (total)	ug/Kg	2.3	UJ	2.4	U	2.4	U	2.4	U
SED	Homologs	N	Heptachlorobiphenyl (total)	ug/Kg	3.5	U	3.6	U	3.7	U	3.7	U
SED	Homologs	N	Hexachlorobiphenyl (total)	ug/Kg	4.1	U	4.2	U	4.3	U	4.3	U
SED	Homologs	N	Monochlorobiphenyl (total)	ug/Kg	0.9	UJ	0.9	U	0.9	U	0.9	U
SED	Homologs	N	Nonachlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U	0.9	U
SED	Homologs	N	Octachlorobiphenyl (total)	ug/Kg	2.3	U	2.4	U	2.4	U	2.4	U
SED	Homologs	N	Total Homolog (PCBs)	ug/Kg	29	U	30	U	31	U	31	U
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg	4.4	UJ	4.6	U	4.7	U	4.7	U
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg	4.1	U	4.2	U	4.3	U	4.3	U
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg	2.3	UJ	2.4	U	2.4	U	2.4	U
SED	Metals	T	Arsenic	ug/g	12.2		5.1		4.95		5.28	
SED	Metals	T	Cadmium	ug/g	0.5	U	0.5	U	0.5	U	0.5	U
SED	Metals	T	Chromium	ug/g	12		19.1		22.3		22.4	
SED	Metals	T	Copper	ug/g	6.7		8.58		12.4		9.48	
SED	Metals	T	Lead	ug/g	2.53	J	5.46		6.49		5.96	
SED	Metals	T	Mercury	ug/g	0.05	U	0.05	U	0.05	U	0.05	U
SED	Metals	T	Nickel	ug/g	87.2		14		16		16.2	
SED	Metals	T	Silver	ug/g	0.5	U	0.5	U	0.5	U	0.5	U
SED	Metals	T	Zinc	ug/g	28		48.7		60.9		56.1	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_13		SDG_13		SDG_13		SDG_13	
				Location	SD2015-TF-EF01		SD2015-TF-H01		SD2015-TF-H01		SD2015-TF-H01	
				Sample Date	4/3/2015		4/2/2015		4/2/2015		4/2/2015	
				Sample ID	SD15TFEF0105FS		SD15TFH0103FS		SD15TFH0105FS		SD15TFH0107FS	
				Qc Code	FS		FS		FS		FS	
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors	N	Aroclor-1016	ug/g	0.025	U	0.026	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1221	ug/g	0.025	U	0.026	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1232	ug/g	0.025	U	0.026	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1242	ug/g	0.025	U	0.026	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1248	ug/g	0.025	U	0.026	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1254	ug/g	0.025	U	0.026	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1260	ug/g	0.025	U	0.026	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1262	ug/g	0.025	U	0.026	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1268	ug/g	0.025	U	0.026	U	0.025	U	0.025	U
SED	Homologs	N	Decachlorobiphenyl (total)	ug/Kg	0.5	U	0.5		0.5	U	0.5	U
SED	Homologs	N	Dichlorobiphenyl (total)	ug/Kg	2.4	U	2.5	U	2.4	U	2.4	U
SED	Homologs	N	Heptachlorobiphenyl (total)	ug/Kg	3.6	U	5.6		3.7	U	3.6	U
SED	Homologs	N	Hexachlorobiphenyl (total)	ug/Kg	4.2	U	4.3	U	4.3	U	4.2	U
SED	Homologs	N	Monochlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U	0.9	U
SED	Homologs	N	Nonachlorobiphenyl (total)	ug/Kg	0.9	U	0.9		0.9	U	0.9	U
SED	Homologs	N	Octachlorobiphenyl (total)	ug/Kg	2.4	U	3.4		2.4	U	2.4	U
SED	Homologs	N	Total Homolog (PCBs)	ug/Kg	30	U	31	U	30	U	30	U
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg	4.5	U	4.7	U	4.7	U	4.6	U
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg	4.2	U	4.3	U	4.3	U	4.2	U
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg	2.4	U	6.9		2.4	U	2.4	U
SED	Metals	T	Arsenic	ug/g	6.09		5.65		5.51		6.41	
SED	Metals	T	Cadmium	ug/g	0.5	U	0.5	U	0.5	U	0.5	U
SED	Metals	T	Chromium	ug/g	24.2		47.9		23		23.5	
SED	Metals	T	Copper	ug/g	12.4		67.8		12		12.4	
SED	Metals	T	Lead	ug/g	7.35		11.7		7.02		6.89	
SED	Metals	T	Mercury	ug/g	0.05	U	0.11		0.05	U	0.05	U
SED	Metals	T	Nickel	ug/g	18.6		14.5		16.9		17.2	
SED	Metals	T	Silver	ug/g	0.5	U	0.5	U	0.5	U	0.5	U
SED	Metals	T	Zinc	ug/g	67.7		71.8		61.9		58.8	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_13		SDG_13		SDG_13		SDG_14	
				Location	SD2015-TF-H1		SD2015-TF-H1		SD2015-TF-H1		SD2014-TF-EF0	
				Sample Date	4/2/2015		4/2/2015		4/2/2015		4/3/2015	
				Sample ID	SD15TFH103FS		SD15TFH105FS		SD15TFH107FS		SD14TFEF003FS	
				Qc Code	FS		FS		FS		FS	
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors	N	Aroclor-1016	ug/g	0.025	U	0.026	U	0.026	U	0.026	U
SED	Aroclors	N	Aroclor-1221	ug/g	0.025	U	0.026	U	0.026	U	0.026	U
SED	Aroclors	N	Aroclor-1232	ug/g	0.025	U	0.026	U	0.026	U	0.026	U
SED	Aroclors	N	Aroclor-1242	ug/g	0.025	U	0.026	U	0.026	U	0.026	U
SED	Aroclors	N	Aroclor-1248	ug/g	0.025	U	0.026	U	0.026	U	0.026	U
SED	Aroclors	N	Aroclor-1254	ug/g	0.025	U	0.026	U	0.026	U	0.026	U
SED	Aroclors	N	Aroclor-1260	ug/g	0.11		0.026	U	0.026	U	0.026	U
SED	Aroclors	N	Aroclor-1262	ug/g	0.083		0.026	U	0.026	U	0.026	U
SED	Aroclors	N	Aroclor-1268	ug/g	0.069		0.026	U	0.026	U	0.026	U
SED	Homologs	N	Decachlorobiphenyl (total)	ug/Kg	16		0.5	U	0.5	U	0.5	U
SED	Homologs	N	Dichlorobiphenyl (total)	ug/Kg	2.4	U	2.5	U	2.5	U	2.5	U
SED	Homologs	N	Heptachlorobiphenyl (total)	ug/Kg	39		3.7	U	3.7	U	3.7	U
SED	Homologs	N	Hexachlorobiphenyl (total)	ug/Kg	24		4.3	U	4.3	U	4.3	U
SED	Homologs	N	Monochlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U	0.9	U
SED	Homologs	N	Nonachlorobiphenyl (total)	ug/Kg	29		0.9	U	0.9	U	0.9	U
SED	Homologs	N	Octachlorobiphenyl (total)	ug/Kg	47		2.5	U	2.5	U	2.5	U
SED	Homologs	N	Total Homolog (PCBs)	ug/Kg	180		31	U	31	U	31	U
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg	21		4.7	U	4.7	U	4.7	U
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg	4.2	U	4.3	U	4.3	U	4.3	U
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg	6.7		2.5	U	2.5	U	2.5	U
SED	Metals	T	Arsenic	ug/g	11.2		5.56		6.89		5.66	
SED	Metals	T	Cadmium	ug/g	6.96		0.5	U	0.56		0.5	U
SED	Metals	T	Chromium	ug/g	873		23.6		27.4		23.8	
SED	Metals	T	Copper	ug/g	1200		11.8		14.3		10.4	
SED	Metals	T	Lead	ug/g	119		6.86		8.12		6.65	
SED	Metals	T	Mercury	ug/g	1.76		0.05	U	0.05	U	0.05	U
SED	Metals	T	Nickel	ug/g	41.4		17.5		19.9		17.1	
SED	Metals	T	Silver	ug/g	9.85		0.5	U	0.5	U	0.5	U
SED	Metals	T	Zinc	ug/g	590		63.6		68.6		58.5	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_14		SDG_14		SDG_14		SDG_14	
				Location	SD2014-TF-EF0		SD2014-TF-EF0		SD2015-TF-AB12		SD2015-TF-AB12	
				Sample Date	4/3/2015		4/3/2015		4/6/2015		4/6/2015	
				Sample ID	SD14TFEF005FS		SD14TFEF007FS		SD15TFAB1203FS		SD15TFAB1205FS	
				Qc Code	FS		FS		FS		FS	
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors	N	Aroclor-1016	ug/g	0.025	U	0.025	U	0.024	U	0.025	U
SED	Aroclors	N	Aroclor-1221	ug/g	0.025	U	0.025	U	0.024	U	0.025	U
SED	Aroclors	N	Aroclor-1232	ug/g	0.025	U	0.025	U	0.024	U	0.025	U
SED	Aroclors	N	Aroclor-1242	ug/g	0.025	U	0.025	U	0.024	U	0.025	U
SED	Aroclors	N	Aroclor-1248	ug/g	0.025	U	0.025	U	0.024	U	0.025	U
SED	Aroclors	N	Aroclor-1254	ug/g	0.025	U	0.025	U	0.024	U	0.025	U
SED	Aroclors	N	Aroclor-1260	ug/g	0.025	U	0.025	U	0.024	U	0.025	U
SED	Aroclors	N	Aroclor-1262	ug/g	0.025	U	0.025	U	0.024	U	0.025	U
SED	Aroclors	N	Aroclor-1268	ug/g	0.025	U	0.025	U	0.024	U	0.025	U
SED	Homologs	N	Decachlorobiphenyl (total)	ug/Kg	0.5	U	0.5	U	0.5	U	0.5	U
SED	Homologs	N	Dichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.3	U	2.4	U
SED	Homologs	N	Heptachlorobiphenyl (total)	ug/Kg	3.6	U	3.7	U	3.5	U	3.6	U
SED	Homologs	N	Hexachlorobiphenyl (total)	ug/Kg	4.2	U	4.3	U	4.1	U	4.2	U
SED	Homologs	N	Monochlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U	0.9	U
SED	Homologs	N	Nonachlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U	0.9	U
SED	Homologs	N	Octachlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.3	U	2.4	U
SED	Homologs	N	Total Homolog (PCBs)	ug/Kg	30	U	30	U	29	U	30	U
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg	4.6	U	4.7	U	4.5	U	4.7	U
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg	4.2	U	4.3	U	4.1	U	4.2	U
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.3	U	2.4	U
SED	Metals	T	Arsenic	ug/g	5.73		7.01		7.09		9	
SED	Metals	T	Cadmium	ug/g	0.5	U	0.56		0.5	U	0.6	
SED	Metals	T	Chromium	ug/g	24.7		26.6		27.2		31.3	
SED	Metals	T	Copper	ug/g	12.6		14.7		13		17.8	
SED	Metals	T	Lead	ug/g	7.64		8.59		8.36		10.5	
SED	Metals	T	Mercury	ug/g	0.05	U	0.05	U	0.05	U	0.05	U
SED	Metals	T	Nickel	ug/g	18.6		20.3		19.5		23.8	
SED	Metals	T	Silver	ug/g	0.5	U	0.5	U	0.5	U	0.5	U
SED	Metals	T	Zinc	ug/g	67.5		70.1		68.3		81.2	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_14		SDG_14		SDG_14		SDG_14	
				Location	SD2015-TF-E0		SD2015-TF-E0		SD2015-TF-EF01		SD2015-TF-EF1	
				Sample Date	4/3/2015		4/3/2015		4/3/2015		4/3/2015	
				Sample ID	SD15TFE003FS		SD15TFE005FS		SD15TFEF0107FS		SD15TFEF103FS	
				Qc Code	FS		FS		FS		FS	
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors	N	Aroclor-1016	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1221	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1232	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1242	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1248	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1254	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1260	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1262	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1268	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Homologs	N	Decachlorobiphenyl (total)	ug/Kg	0.5	U	0.5	U	0.5	U	0.5	U
SED	Homologs	N	Dichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.4	U	2.4	U
SED	Homologs	N	Heptachlorobiphenyl (total)	ug/Kg	3.6	U	3.5	U	3.6	U	3.7	U
SED	Homologs	N	Hexachlorobiphenyl (total)	ug/Kg	4.2	U	4.1	U	4.2	U	4.3	U
SED	Homologs	N	Monochlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U	0.9	U
SED	Homologs	N	Nonachlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U	0.9	U
SED	Homologs	N	Octachlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.4	U	2.4	U
SED	Homologs	N	Total Homolog (PCBs)	ug/Kg	30	U	30	U	30	U	31	U
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg	4.6	U	4.5	U	4.7	U	4.7	U
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg	4.2	U	4.1	U	4.2	U	4.3	U
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.4	U	2.4	U
SED	Metals	T	Arsenic	ug/g	5.67		6.17		8		5.68	
SED	Metals	T	Cadmium	ug/g	0.5	U	0.5	U	0.66		0.5	U
SED	Metals	T	Chromium	ug/g	21		25		30.1		22.8	
SED	Metals	T	Copper	ug/g	9.9		13		15.7		10.6	
SED	Metals	T	Lead	ug/g	6.57		7.66		9.74		6.77	
SED	Metals	T	Mercury	ug/g	0.05	U	0.05	U	0.05	U	0.05	U
SED	Metals	T	Nickel	ug/g	15.4		18.5		22.6		16.5	
SED	Metals	T	Silver	ug/g	0.5	U	0.5	U	0.5	U	0.5	U
SED	Metals	T	Zinc	ug/g	52.9		66.2		75.2		56.5	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_14		SDG_15		SDG_15		SDG_15	
				Location	SD2015-TF-EF1		SD2014-TF-A1		SD2014-TF-B1		SD2014-TF-B1	
				Sample Date	4/3/2015		4/6/2015		4/6/2015		4/6/2015	
				Sample ID	SD15TFEF105FS		SD14TFA103FS		SD14TFB103FS		SD14TFB105FS	
				Qc Code	FS		FS		FS		FS	
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors	N	Aroclor-1016	ug/g	0.025	U	0.025	U	0.026	U	0.024	U
SED	Aroclors	N	Aroclor-1221	ug/g	0.025	U	0.025	U	0.026	U	0.024	U
SED	Aroclors	N	Aroclor-1232	ug/g	0.025	U	0.025	U	0.026	U	0.024	U
SED	Aroclors	N	Aroclor-1242	ug/g	0.025	U	0.025	U	0.026	U	0.024	U
SED	Aroclors	N	Aroclor-1248	ug/g	0.025	U	0.025	U	0.026	U	0.024	U
SED	Aroclors	N	Aroclor-1254	ug/g	0.025	U	0.025	U	0.026	U	0.024	U
SED	Aroclors	N	Aroclor-1260	ug/g	0.025	U	0.025	U	0.026	U	0.024	U
SED	Aroclors	N	Aroclor-1262	ug/g	0.025	U	0.025	U	0.026	U	0.024	U
SED	Aroclors	N	Aroclor-1268	ug/g	0.025	U	0.025	U	0.026	U	0.024	U
SED	Homologs	N	Decachlorobiphenyl (total)	ug/Kg	0.5	U	0.5	U	0.5	U	0.5	U
SED	Homologs	N	Dichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.5	U	2.4	U
SED	Homologs	N	Heptachlorobiphenyl (total)	ug/Kg	3.6	U	3.6	U	3.7	U	3.5	U
SED	Homologs	N	Hexachlorobiphenyl (total)	ug/Kg	4.3	U	4.2	U	4.3	U	4.1	U
SED	Homologs	N	Monochlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U	0.9	U
SED	Homologs	N	Nonachlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U	0.9	U
SED	Homologs	N	Octachlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.5	U	2.4	U
SED	Homologs	N	Total Homolog (PCBs)	ug/Kg	30	U	30	U	31	U	29	U
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg	4.7	U	4.6	U	4.7	U	4.5	U
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg	4.3	U	4.2	U	4.3	U	4.1	U
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.5	U	2.4	U
SED	Metals	T	Arsenic	ug/g	5.68		5.98		5.9		6.47	
SED	Metals	T	Cadmium	ug/g	0.5	U	0.5	U	0.5	U	0.5	U
SED	Metals	T	Chromium	ug/g	23.1		21.6		23.7		24.8	
SED	Metals	T	Copper	ug/g	11.6		12.5		11.7		13.1	
SED	Metals	T	Lead	ug/g	6.98		6.61		6.73		8.07	
SED	Metals	T	Mercury	ug/g	0.05	U	0.05	U	0.05	U	0.05	U
SED	Metals	T	Nickel	ug/g	17.6		16.1		16.6		18.5	
SED	Metals	T	Silver	ug/g	0.5	U	0.5	U	0.5	U	0.5	U
SED	Metals	T	Zinc	ug/g	64.6		61.8		59.4		66.1	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_15		SDG_15		SDG_15		SDG_15	
				Location	SD2014-TF-B1		SD2015-TF-A01		SD2015-TF-A01		SD2015-TF-AB12	
				Sample Date	4/6/2015		4/6/2015		4/6/2015		4/6/2015	
				Sample ID	SD14TFB107FS		SD15TFA0103FS		SD15TFA0105FS		SD15TFAB1207FS	
				Qc Code	FS		FS		FS		FS	
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors	N	Aroclor-1016	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1221	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1232	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1242	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1248	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1254	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1260	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1262	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1268	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Homologs	N	Decachlorobiphenyl (total)	ug/Kg	0.5	U	0.5	U	0.5	U	0.5	U
SED	Homologs	N	Dichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.4	U	2.4	U
SED	Homologs	N	Heptachlorobiphenyl (total)	ug/Kg	3.6	U	3.6	U	3.5	U	3.6	U
SED	Homologs	N	Hexachlorobiphenyl (total)	ug/Kg	4.2	U	4.2	U	4.1	U	4.2	U
SED	Homologs	N	Monochlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U	0.9	U
SED	Homologs	N	Nonachlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U	0.9	U
SED	Homologs	N	Octachlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.4	U	2.4	U
SED	Homologs	N	Total Homolog (PCBs)	ug/Kg	30	U	30	U	29	U	30	U
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg	4.6	U	4.6	U	4.5	U	4.5	U
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg	4.2	U	4.2	U	4.1	U	4.2	U
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.4	U	2.4	U
SED	Metals	T	Arsenic	ug/g	7.5		7		8.53		8.11	
SED	Metals	T	Cadmium	ug/g	0.51		0.5	U	0.65		0.51	
SED	Metals	T	Chromium	ug/g	27.4		23.3		26.8		25.5	
SED	Metals	T	Copper	ug/g	15.3		11.7		17.6		13.2	
SED	Metals	T	Lead	ug/g	9.18		6.89		6.64		7.87	
SED	Metals	T	Mercury	ug/g	0.05	U	0.05	U	0.05	U	0.05	U
SED	Metals	T	Nickel	ug/g	20.7		16.7		15.8		19.3	
SED	Metals	T	Silver	ug/g	0.5	U	0.5	U	0.5	U	0.5	U
SED	Metals	T	Zinc	ug/g	72.4		61.3		64.8		67.5	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_16H		SDG_16H		SDG_16H		SDG_16H	
				Location	SD2014-OF8-12		SD2014-OF8-14		SD2014-OF8-15		SD2014-TF-D7	
				Sample Date	4/7/2015		4/7/2015		4/7/2015		4/3/2015	
				Sample ID	SD14OF1203FSH		SD14OF1403FSH		SD14OF1503FSH		SD14TFD703FSH	
				Qc Code	FS		FS		FS		FS	
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors	N	Aroclor-1016	ug/g								
SED	Aroclors	N	Aroclor-1221	ug/g								
SED	Aroclors	N	Aroclor-1232	ug/g								
SED	Aroclors	N	Aroclor-1242	ug/g								
SED	Aroclors	N	Aroclor-1248	ug/g								
SED	Aroclors	N	Aroclor-1254	ug/g								
SED	Aroclors	N	Aroclor-1260	ug/g								
SED	Aroclors	N	Aroclor-1262	ug/g								
SED	Aroclors	N	Aroclor-1268	ug/g								
SED	Homologs	N	Decachlorobiphenyl (total)	ug/Kg	0.5	U	0.5	U	0.5	U	0.5	U
SED	Homologs	N	Dichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.4	U	2.5	U
SED	Homologs	N	Heptachlorobiphenyl (total)	ug/Kg	3.6	U	3.8		3.7	U	3.7	U
SED	Homologs	N	Hexachlorobiphenyl (total)	ug/Kg	4.2	U	4.2	U	4.3	U	4.4	U
SED	Homologs	N	Monochlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	U	0.9	U
SED	Homologs	N	Nonachlorobiphenyl (total)	ug/Kg	2.4		0.9	U	0.9	U	0.9	U
SED	Homologs	N	Octachlorobiphenyl (total)	ug/Kg	4.2		2.4	U	2.4	U	2.5	U
SED	Homologs	N	Total Homolog (PCBs)	ug/Kg	30	U	30	U	30	U	31	U
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg	4.6	UJ	4.6	UJ	4.7	UJ	4.8	UJ
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg	4.2	U	4.2	U	4.3	U	4.4	U
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.4	U	2.5	U
SED	Metals	T	Arsenic	ug/g								
SED	Metals	T	Cadmium	ug/g								
SED	Metals	T	Chromium	ug/g								
SED	Metals	T	Copper	ug/g								
SED	Metals	T	Lead	ug/g								
SED	Metals	T	Mercury	ug/g								
SED	Metals	T	Nickel	ug/g								
SED	Metals	T	Silver	ug/g								
SED	Metals	T	Zinc	ug/g								

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_16H		SDG_16H		SDG_17H		SDG_17H	
				Location	SD2015-TF-E7		SD2015-TF-GH5		SD2014-OF-04		SD2014-OF-05	
				Sample Date	4/2/2015		4/2/2015		4/7/2015		4/7/2015	
				Sample ID	SD15TFE703FSH		SD15TFGH503FSH		SD14OF0403FSH		SD14OF0503FSH	
				Qc Code	FS		FS		FS		FS	
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors	N	Aroclor-1016	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1221	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1232	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1242	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1248	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1254	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1260	ug/g	0.025	U	0.028		0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1262	ug/g	0.025	U	0.071		0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1268	ug/g	0.025	U	0.12		0.025	U	0.025	U
SED	Homologs	N	Decachlorobiphenyl (total)	ug/Kg	0.5	U	40		0.5	U	0.5	U
SED	Homologs	N	Dichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.4	U	2.4	U
SED	Homologs	N	Heptachlorobiphenyl (total)	ug/Kg	3.6	U	21		3.6	U	3.6	U
SED	Homologs	N	Hexachlorobiphenyl (total)	ug/Kg	4.2	U	16		4.2	U	4.2	U
SED	Homologs	N	Monochlorobiphenyl (total)	ug/Kg	0.9	U	0.9	U	0.9	UJ	0.9	UJ
SED	Homologs	N	Nonachlorobiphenyl (total)	ug/Kg	0.9	U	27		0.9	U	0.9	U
SED	Homologs	N	Octachlorobiphenyl (total)	ug/Kg	2.4	U	33		2.4	U	2.4	U
SED	Homologs	N	Total Homolog (PCBs)	ug/Kg	30	U	150		30	U	30	U
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg	4.6	UJ	16	J	4.6	U	4.5	U
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg	4.2	U	4.3	U	4.2	U	4.2	U
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg	2.4	U	2.4	U	2.4	U	2.4	U
SED	Metals	T	Arsenic	ug/g	15.3		5.2		8.67		7.34	
SED	Metals	T	Cadmium	ug/g	3.72		2.87		0.5	U	0.5	U
SED	Metals	T	Chromium	ug/g	400		345		43.1		54.5	
SED	Metals	T	Copper	ug/g	2400		1190		16.9		20	
SED	Metals	T	Lead	ug/g	307		68.3		13.3		11.6	
SED	Metals	T	Mercury	ug/g	8.17		0.66		0.05		0.06	
SED	Metals	T	Nickel	ug/g	45.8		23.5		28.2		26.4	
SED	Metals	T	Silver	ug/g	1.88		0.87		0.5	U	0.5	U
SED	Metals	T	Zinc	ug/g	1540		442		76.2		71.5	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_17H		SDG_17H		SDG_17H		SDG_17H		
				Location	SD2014-OF-07		SD2014-OF-09		SD2014-OF-10		SD2014-OF-12		
				Sample Date	4/7/2015		4/7/2015		4/7/2015		4/7/2015		
				Sample ID	SD14OF0703FSH		SD14OF0903FSH		SD14OF1003FSH		SD14OF1203FSH		
				Qc Code	FS		FS		FS		FS		
Media	Method	Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SED	Aroclors	N		Aroclor-1016	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1221	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1232	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1242	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1248	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Aroclors	N		Aroclor-1254	ug/g	0.025	U	0.025	U	0.31		0.025	U
SED	Aroclors	N		Aroclor-1260	ug/g	0.038		0.18		0.46	J	0.025	U
SED	Aroclors	N		Aroclor-1262	ug/g	0.025	U	0.025	U	0.13		0.025	U
SED	Aroclors	N		Aroclor-1268	ug/g	0.025	U	0.025	U	0.025	U	0.025	U
SED	Homologs	N		Decachlorobiphenyl (total)	ug/Kg	0.5	U	2.5	U	1.4	J		
SED	Homologs	N		Dichlorobiphenyl (total)	ug/Kg	2	U	55		24	UJ		
SED	Homologs	N		Heptachlorobiphenyl (total)	ug/Kg	17		76		170	J		
SED	Homologs	N		Hexachlorobiphenyl (total)	ug/Kg	19		110		350	J		
SED	Homologs	N		Monochlorobiphenyl (total)	ug/Kg	0.9	UJ	4.6	UJ	9	UJ		
SED	Homologs	N		Nonachlorobiphenyl (total)	ug/Kg	1.9		9.3		20	J		
SED	Homologs	N		Octachlorobiphenyl (total)	ug/Kg	5		33		81	J		
SED	Homologs	N		Total Homolog (PCBs)	ug/Kg	65		570		1100	J		
SED	Homologs	N		Pentachlorobiphenyl (total)	ug/Kg	20		170		370	J		
SED	Homologs	N		Tetrachlorobiphenyl (total)	ug/Kg	4.1	U	21.4	U	66	J		
SED	Homologs	N		Trichlorobiphenyl (total)	ug/Kg	2	U	100		24	UJ		
SED	Metals	T		Arsenic	ug/g	2.2		8.34		6.3		6.51	
SED	Metals	T		Cadmium	ug/g	1.05		3.14		4.86		0.79	
SED	Metals	T		Chromium	ug/g	560		854		1720		352	
SED	Metals	T		Copper	ug/g	103		153		249		87.3	
SED	Metals	T		Lead	ug/g	15.5		37.1		24.8		29.7	
SED	Metals	T		Mercury	ug/g	0.07		0.12		0.1		0.07	
SED	Metals	T		Nickel	ug/g	25.4		65.4		89.3		32.4	
SED	Metals	T		Silver	ug/g	9.08		4.4		7.24		1.09	
SED	Metals	T		Zinc	ug/g	28.1		76.7		47.9		56.3	

Chemist Review Summary
ABM Ferguson-Williams, Stratford Army Engine Plant (SAEP)
Stratford, Connecticut

				SDG	SDG_17H		SDG_17H	
				Location	SD2014-OF8-14		SD2014-OF8-15	
				Sample Date	4/7/2015		4/7/2015	
				Sample ID	SD14OF1403FSH		SD14OF1503FSH	
				Qc Code	FS		FS	
Media	Method Class	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier
SED	Aroclors	N	Aroclor-1016	ug/g	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1221	ug/g	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1232	ug/g	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1242	ug/g	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1248	ug/g	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1254	ug/g	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1260	ug/g	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1262	ug/g	0.025	U	0.025	U
SED	Aroclors	N	Aroclor-1268	ug/g	0.025	U	0.025	U
SED	Homologs	N	Decachlorobiphenyl (total)	ug/Kg				
SED	Homologs	N	Dichlorobiphenyl (total)	ug/Kg				
SED	Homologs	N	Heptachlorobiphenyl (total)	ug/Kg				
SED	Homologs	N	Hexachlorobiphenyl (total)	ug/Kg				
SED	Homologs	N	Monochlorobiphenyl (total)	ug/Kg				
SED	Homologs	N	Nonachlorobiphenyl (total)	ug/Kg				
SED	Homologs	N	Octachlorobiphenyl (total)	ug/Kg				
SED	Homologs	N	Total Homolog (PCBs)	ug/Kg				
SED	Homologs	N	Pentachlorobiphenyl (total)	ug/Kg				
SED	Homologs	N	Tetrachlorobiphenyl (total)	ug/Kg				
SED	Homologs	N	Trichlorobiphenyl (total)	ug/Kg				
SED	Metals	T	Arsenic	ug/g	8.1		8.01	
SED	Metals	T	Cadmium	ug/g	1.28		0.5	U
SED	Metals	T	Chromium	ug/g	270		53.2	
SED	Metals	T	Copper	ug/g	160		19.4	
SED	Metals	T	Lead	ug/g	89.9		11.5	
SED	Metals	T	Mercury	ug/g	0.07		0.06	
SED	Metals	T	Nickel	ug/g	35.3		20.7	
SED	Metals	T	Silver	ug/g	0.5	U	0.5	U
SED	Metals	T	Zinc	ug/g	89.8		61.3	

APPENDIX D

2014 AND 2015 SEDIMENT ANALYTICAL RESULTS

2014-2015 Sediment Analytical Data

loc_name	X_coord	Y_coord	field_sample_id	media	qc_code	field_sample_date	top_depth	bottom_depth	analysis_method	casno	param_name	ppm_result	final_qualifier	ppm_uom	report_hit_flag
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	67.4		PERCENT	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00742	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0223	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0148	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00742	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0223	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0148	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0148	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.09273	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00742	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	52600		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.48	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	6.58		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	2.28		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	2540		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-50-8	Copper	1430		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	2.788384266		NA	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW6020	7439-92-1	Lead	120		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	247		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	234		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.63		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-22-4	Silver	14.7		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.48	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	310		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.049	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0371	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0371	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0371	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0371	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0371	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0371	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0371	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0371	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0371	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0371	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.371	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.371	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.742	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.371	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.371	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.371	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.371	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.371	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.742	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.371	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.371	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.371	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.371	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.371	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene		R	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene		R	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.0371		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.0612		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.0631		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.0779	J	MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.0427		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.0928		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.0612		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0371	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.145		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0371	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.0445		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.0983		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.128		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80100FS	SED	FS	24-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	3.64		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	A209F	HLA0046	Percent Solids	64.4		PERCENT	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00776	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0233	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0155	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00776	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0233	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0155	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0155	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.09699	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00776	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	17800	J	MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.55	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW6020	7440-38-2	Arsenic	6.44		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW6020	7440-43-9	Cadmium	24.7		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW6020	7440-47-3	Chromium	6800		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW6020	7440-50-8	Copper	1820		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	5.36304139		NA	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW6020	7439-92-1	Lead	138		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW6020	7439-96-5	Manganese	1480		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW6020	7440-02-0	Nickel	535		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.55	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW6020	7440-22-4	Silver	12.1		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.55	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW6020	7440-66-6	Zinc	348		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0388	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0388	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0388	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0388	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0388	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0804	J	MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0871	J	MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0388	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0388	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.168	J	MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.776	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.776	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0582		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0854		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.144		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.561		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.404		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.497		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.182		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.39		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.671		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.398		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.109		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	1.11		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.105		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.388	UJ	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.221		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.656		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.976		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.388	U	MG/KG	N
SD2014-OF8-01	898108.783	622272.819	SD14OF80101FS	SED	FS	24-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	4.89	J	MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0121	U	MG/KG	
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.14		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.17		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0045	U	MG/KG	
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.025		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.065		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.17		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.062		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.65		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.016		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	8.11		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	5.9		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	5670		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	1970		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	4.4425851		NA	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	111	J	MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.37		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	470		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	6.89		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	291		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.21		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.28		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.15		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-OF8-01	898108.783	622272.819	SD14OF0102FS	SED	FS	07-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.64		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0027		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0119	U	MG/KG	
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.28		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.35		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0045	U	MG/KG	
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.039		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.13		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.47		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.087		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	1.4		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.044		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	9.03		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	14.3		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	4110	J	MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	521		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	2.68326202		NA	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	194		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.35		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	209		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	3.93		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	331		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.42		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.52		MG/KG	Y
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-OF8-01	898108.783	622272.819	SD14OF0103FSH	SED	FS	07-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	0.94		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	50.8		PERCENT	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0492	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00984	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.173	J	MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.387		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00984	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0492	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0295	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.221	J	MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0197	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.86956	J	MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00984	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	33800		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.97	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	6.23		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	3.35		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	1950		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-50-8	Copper	778		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	1.692678991		NA	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW6020	7439-92-1	Lead	105		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	233		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	133		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.97	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-22-4	Silver	5.36		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.97	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	182		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0649	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0492	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0492	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0492	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0492	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0492	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.317		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.51		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0492	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0492	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.827		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiiisopropylether		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	1.97	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	1.97	UJ	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	1.97	UJ	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	1.97	UJ	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	1.97	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	1.97	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	1.97	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	1.97	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	1.97	UJ	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	62-53-3	Aniline		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	1.97	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	1.97	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	1.97	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	1.97	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	1.97	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	1.97	UJ	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	1.97	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	1.97	UJ	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	1.97	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	78-59-1	Isophorone		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	1.97	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	108-95-2	Phenol	1.97	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0986	UJ	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.0986	UJ	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.202		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.301		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.271		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.345		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.187		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.444		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.399		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0986	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.838		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0986	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.148		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.0986	UJ	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.34		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.73		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80200FS	SED	FS	15-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	6.3		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	A209F	HLA0046	Percent Solids	88.7		PERCENT	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00563	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0169	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0113	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00563	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0169	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0113	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0113	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.070495	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00563	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	8720	J	MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.13	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW6020	7440-38-2	Arsenic	2.57	J	MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.563	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW6020	7440-47-3	Chromium	236	J	MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW6020	7440-50-8	Copper	82.9	J	MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.223891575		NA	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW6020	7439-92-1	Lead	18.9	J	MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW6020	7439-96-5	Manganese	160	J	MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW6020	7440-02-0	Nickel	19.6	J	MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.13	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW6020	7440-22-4	Silver	1.13	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.13	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW6020	7440-66-6	Zinc	66	J	MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0282	UJ	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0282	UJ	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0282	UJ	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0282	UJ	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0282	UJ	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0282	UJ	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0282	UJ	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0282	UJ	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0282	UJ	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0282	UJ	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.282	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.282	UJ	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	1.13	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0563	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0563	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.11		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.38		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.259		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.403		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.13		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.225	J	MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	1.13	UJ	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	1.13	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.237		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0648	J	MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.817		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0563	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.282	UJ	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.13		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	1.13	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0563	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.282	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol		R	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.493		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.282	U	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.642		MG/KG	Y
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.282	UJ	MG/KG	N
SD2014-OF8-02	898167.96	622318.895	SD14OF80201FS	SED	FS	15-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.563	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	66		PERCENT	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00758	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0227	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0159		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00758	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0227	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0243		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0152	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.11977		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00758	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	46400		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.52	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	7.54		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	14.2		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	6780		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-50-8	Copper	1470		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	4.785379132		NA	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW6020	7439-92-1	Lead	143		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	528		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	459		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	2.26		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-22-4	Silver	10.1		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.52	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	265		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.05	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0611		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0999		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.161		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.379	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.379	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiiisopropylether		R	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.758	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.379	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.379	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.379	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.379	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.758	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.379	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.379	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	1.52	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.379	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.379	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.379	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.379	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene		R	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene		R	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.199		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.322		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.275		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.246	J	MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.19	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.398		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.265		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.19	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.872		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.19	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.19	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.711		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.749		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80300FS	SED	FS	24-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	13.9		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	A209F	HLA0046	Percent Solids	71.6		PERCENT	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0349	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00698	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0209	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.014	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00698	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0349	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0209	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.014	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.014	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.08727	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00698	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	45500	J	MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.4	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW6020	7440-38-2	Arsenic	12.1		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW6020	7440-43-9	Cadmium	28.2		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW6020	7440-47-3	Chromium	10100		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW6020	7440-50-8	Copper	1690		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	6.696990852		NA	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW6020	7439-92-1	Lead	175		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW6020	7439-96-5	Manganese	836		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW6020	7440-02-0	Nickel	519		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.4	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW6020	7440-22-4	Silver	19.4		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.4	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW6020	7440-66-6	Zinc	330		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0349	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0349	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0349	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0349	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0349	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0349	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0349	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0349	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0349	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0349	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.7	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.7	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.035	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.035	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.035	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.126		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.105		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.222		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.063		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.117		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.098		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.035	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.275		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.035	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.35	UJ	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.07		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.035	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.119		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.236		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.35	U	MG/KG	N
SD2014-OF8-03	898194.31	622244.359	SD14OF80301FS	SED	FS	24-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	22.3	J	MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.00057	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.00065	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.00045	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.0063	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.006	J	MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.007	J	MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.007	J	MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.008	J	MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.008	J	MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	218-01-9	Chrysene	0.01	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.007	J	MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	206-44-0	Fluoranthene	0.01	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	86-73-7	Fluorene	0.01	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.008	J	MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	85-01-8	Phenanthrene	0.01	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	129-00-0	Pyrene	0.006	J	MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.000091	J	MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0001	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0001	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0001	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.00013		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0001	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.000098	J	MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0001	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0001	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.00095		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0001	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.00054		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0001	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.00018		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.00045		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.00083		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.00078		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.00033		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.00044		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.00016		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0001	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.00022		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0001	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.00015		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.05		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	33.2		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	11.1	J	MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.116667993		NA	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	8.26		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	18.5		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	54.3		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0302FS	SED	FS	07-Apr-15	2	3	SW846 9060	HLA0011	Total Organic Carbon	1.8		PERCENT	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.00088	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.00023	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00091	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.00091	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.00079	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.0019	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.01	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.01	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.01	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.01	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.01	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	218-01-9	Chrysene	0.01	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	206-44-0	Fluoranthene	0.007	J	MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	86-73-7	Fluorene	0.01	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.01	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	85-01-8	Phenanthrene	0.007	J	MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	129-00-0	Pyrene	0.006	J	MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0001	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.00015		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0001	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0001	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0001	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0001	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0001	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0001	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0001	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.00066		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.00018		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0003		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0001	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0002		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0004		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.00048		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.00046		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.00023		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.0003		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.000092	J	MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0001	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.00014		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0001	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.00011		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.36		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	51.4		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	23.9	J	MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.144582862		NA	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	10.6		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	23.3		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	61.9		MG/KG	Y
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2014-OF8-03	898194.31	622244.359	SD14OF0303FS	SED	FS	07-Apr-15	3	4	SW846 9060	HLA0011	Total Organic Carbon	8.1		PERCENT	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	65.8		PERCENT	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.038	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.0076	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0342		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0509		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.0076	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.038	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0228	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0152	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0152	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.1611		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0076	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	66700		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.52	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	5.44		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	3.73		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	2180		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-50-8	Copper	876		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	1.912901738		NA	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW6020	7439-92-1	Lead	115		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	171		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	141		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.94		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-22-4	Silver	7.55		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.52	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	164		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0502	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.038	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.038	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.038	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.038	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.038	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.109		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.156		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.038	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.038	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.265		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.38	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.38	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.76	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.38	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.38	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.38	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.38	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.38	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.76	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.38	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.38	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	1.52	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	1.52	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	1.52	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	1.52	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.38	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.38	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.38	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	1.52	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.38	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene		R	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene		R	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.19	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.19	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.19	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.19	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.19	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.19	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.19	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.19	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.19		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.19	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.19	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.19	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.19	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80400FS	SED	FS	24-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	2.51		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	A209F	HLA0046	Percent Solids	70.6		PERCENT	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0354	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00708	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0212	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0142	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00708	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0354	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0212	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0227		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0142	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.10412		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00708	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	23100	J	MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.42	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW6020	7440-38-2	Arsenic	6.62		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW6020	7440-43-9	Cadmium	11.7		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW6020	7440-47-3	Chromium	7250		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW6020	7440-50-8	Copper	1440		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	4.79651461		NA	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW6020	7439-92-1	Lead	134		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW6020	7439-96-5	Manganese	504		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW6020	7440-02-0	Nickel	441		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.42	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW6020	7440-22-4	Silver	8.47		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.42	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW6020	7440-66-6	Zinc	279		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0354	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0354	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0354	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0354	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0354	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0354	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0354	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0354	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0354	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0354	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.707	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.707	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0389		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0654		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.297		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.249		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.383		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.145		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.302		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.21		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.083		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.592		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0371		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.353	UJ	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.168		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.332		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.466		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.353	U	MG/KG	N
SD2014-OF8-04	898240.386	622185.182	SD14OF80401FS	SED	FS	24-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	17.7	J	MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	UJ	MG/KG	
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	8.67		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	43.1		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	16.9		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.160441144		NA	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	13.3		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	28.2		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	76.2		MG/KG	Y
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-OF8-04	898240.386	622185.182	SD14OF0403FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	69.6		PERCENT	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00718	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0215	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0208		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00718	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0215	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0144		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0144	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.11057		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00718	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	14200		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.44	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	3.4		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	0.718	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	149		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-50-8	Copper	83.2		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.230928029		NA	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW6020	7439-92-1	Lead	27.9		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	139		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	24.1		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.44	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.44	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.44	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	107		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0474	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.197		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.197		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.359	UJ	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.359	UJ	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol		R	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol		R	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol		R	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol		R	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol		R	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol		R	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.359	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol		R	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol		R	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol		R	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol		R	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol		R	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol		R	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.359	UJ	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	3.59	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.359	UJ	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.359	UJ	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	0.359	UJ	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.359	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol		R	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	108-95-2	Phenol		R	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.18	UJ	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.18	UJ	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.539		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.961		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.889		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.925		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.467		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	1.09		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.961		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.18		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	2.68		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.215		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.431		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.18	UJ	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	1.3		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	2.06		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80500FS	SED	FS	15-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.862		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	A209F	HLA0046	Percent Solids	56.3		PERCENT	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00888	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.102		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.229		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00888	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0266	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.259		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0178	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.66992		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00888	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	18300	J	MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.78	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW6020	7440-38-2	Arsenic	5.08		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW6020	7440-43-9	Cadmium	2.97		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW6020	7440-47-3	Chromium	1290		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW6020	7440-50-8	Copper	519		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	1.161648149		NA	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW6020	7439-92-1	Lead	93.3		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW6020	7439-96-5	Manganese	209		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW6020	7440-02-0	Nickel	90.4		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.78	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW6020	7440-22-4	Silver	3.54		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.78	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW6020	7440-66-6	Zinc	150		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.118		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.242		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.36		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.888	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.888	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0888	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0888	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0888	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0888	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0888	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0888	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0888	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0888	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0888	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0888	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.16		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0888	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.444	UJ	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0888	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0888	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0888	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.151		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.444	U	MG/KG	N
SD2014-OF8-05	898321.547	622121.637	SD14OF80501FS	SED	FS	15-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	3.46	J	MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.00096		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.42		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.67		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.017		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.1		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.38		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.056		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	1.6		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0089		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	4.23		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	2.74		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	665		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	263		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.6926494		NA	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	80.5	J	MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.09		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	53		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	2.97		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	92.2		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.026	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.026	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.026	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.026	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.026	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.2		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.95		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.21	J	MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.026	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0502FS	SED	FS	07-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	1.36		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	UJ	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	7.34		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	54.5		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	20		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.156584518		NA	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	11.6		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.06		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	26.4		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	71.5		MG/KG	Y
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-OF8-05	898321.547	622121.637	SD14OF0503FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	43.9		PERCENT	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0569	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.0114	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0398		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0945		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.0114	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0569	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0341	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0432		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0228	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.27995		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0114	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	28300		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	2.28	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	9.82		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	6.85		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	3830		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-50-8	Copper	1110		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	2.861522996	NA	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW6020	7439-92-1	Lead	111	MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	401	MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	240	MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	2.28 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-22-4	Silver	6.88	MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	2.28 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	228	MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0751 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.153	MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.348	MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.501	MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.569 UJ	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.569 UJ	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	1.14 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	1.14 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.569 UJ	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	5.69 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.569 U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.569 UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.569	UJ	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	0.569	UJ	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.569	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.569	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.569	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.569	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.569	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.569	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.569	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.114	UJ	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.114	UJ	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.199		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.25		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.199		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.273		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.12		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.324		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.347		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.114	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.626		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.114	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.114	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.114	UJ	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.171		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.535		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80600FS	SED	FS	15-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	7.97		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	A209F	HLA0046	Percent Solids	72.1		PERCENT	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00693	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0596		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.114		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00693	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0208	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.146		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0139	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.382045		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00693	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	10900	J	MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.39	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW6020	7440-38-2	Arsenic	5.07		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW6020	7440-43-9	Cadmium	4.4		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW6020	7440-47-3	Chromium	1720		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW6020	7440-50-8	Copper	428		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	1.276935615		NA	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW6020	7439-92-1	Lead	72.9		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW6020	7439-96-5	Manganese	168		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW6020	7440-02-0	Nickel	118		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.39	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW6020	7440-22-4	Silver	2.05		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.39	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW6020	7440-66-6	Zinc	113		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.217		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.374		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.591		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.693	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.693	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.139	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.139	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.139	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.624		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.187		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.27		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.139	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.263		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.7		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.263		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.139	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.651		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.139	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.347	UJ	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.139	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.139	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.194		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.541		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.347	U	MG/KG	N
SD2014-OF8-06	898387.35	622077.819	SD14OF80601FS	SED	FS	15-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	8.39	J	MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0033		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.36		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.69		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.038		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.12		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.54		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.044		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	1.8		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	83-32-9	Acenaphthene	0.054	J	MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.06	J	MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	120-12-7	Anthracene	0.11		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.54		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.48		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.61		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.37		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.6		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	218-01-9	Chrysene	0.86		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.06	J	MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	206-44-0	Fluoranthene	1.3		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	86-73-7	Fluorene	0.096	J	MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.4		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	91-20-3	Naphthalene	0.1	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	85-01-8	Phenanthrene	0.25		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	129-00-0	Pyrene	1.2		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0047		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.001	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.001	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.001	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.024		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.011		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.018		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.011		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0036		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.15		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.045		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.1		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.001	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.031		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.072		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.24		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.32		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.1		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.21		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.045		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.001	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.1		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.022		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.049		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	17.6		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	25.9		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	8510		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	1240	J	MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	7.052346065		NA	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	168		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.46		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	436		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	25		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	293		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.037		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.041		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.15		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.44		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	1.2		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.97		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.026		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	2.864		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0602FS	SED	FS	07-Apr-15	2	3	SW846 9060	HLA0011	Total Organic Carbon	2.7		PERCENT	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.015		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.027		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.035		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.038		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.14		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.023		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	83-32-9	Acenaphthene	0.016		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	J	MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.035		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.013		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.06		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.041		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.041		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	218-01-9	Chrysene	0.11		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.012		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	206-44-0	Fluoranthene	0.1		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	86-73-7	Fluorene	0.032		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.033		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	UJ	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	85-01-8	Phenanthrene	0.027	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	129-00-0	Pyrene	0.12		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0002	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0002	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0002	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0002	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0015		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0002	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0002	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0002	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0002	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.013		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0002	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.011		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0002	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0002	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0057		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.016		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.012		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0065		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.0063		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0018		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0002	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.0037		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0002	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0002	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	4.43		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.76		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	48.9	J	MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	20.8		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.108591037		NA	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	7.11		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	14.3		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	29.6		MG/KG	Y
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-OF8-06	898387.35	622077.819	SD14OF0603FSH	SED	FS	07-Apr-15	3	4	SW846 9060	HLA0011	Total Organic Carbon	3		PERCENT	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	54.4		PERCENT	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0459	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00918	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0276	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0505		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00918	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0459	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0276	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0588		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0184	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.20577		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00918	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	46300		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.84	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	8.68		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	28.5		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	8900		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-50-8	Copper	1630		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	5.751506534		NA	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW6020	7439-92-1	Lead	174		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	350		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	413		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	3.57		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-22-4	Silver	12		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.84	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	321		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0606	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0459	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0459	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0459	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0459	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0459	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.131		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.238		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0459	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0459	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.37		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.459	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.459	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.459	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.459	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.918	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.459	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.918	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.459	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.459	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.459	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.459	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.459	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene		R	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene		R	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.126		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.223		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.161		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.142	J	MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.0987		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.216		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.216		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0459	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.507		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0459	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.108		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.608		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.356		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80700FS	SED	FS	24-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	9.46		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	A209F	HLA0046	Percent Solids	64.4		PERCENT	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00776	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0233	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0155	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00776	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0233	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0466		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0155	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.13584		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00776	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	36900	J	MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.55	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW6020	7440-38-2	Arsenic	6.05		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW6020	7440-43-9	Cadmium	11.6		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW6020	7440-47-3	Chromium	5830		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW6020	7440-50-8	Copper	868		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	5.001417236		NA	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW6020	7439-92-1	Lead	111		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW6020	7439-96-5	Manganese	146		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW6020	7440-02-0	Nickel	188		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.58		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW6020	7440-22-4	Silver	56.6		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.55	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW6020	7440-66-6	Zinc	121		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0388	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0388	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0388	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0388	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0388	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0695	J	MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0999	J	MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0388	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0388	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.169	J	MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.776	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.776	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0466		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0466		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0582		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0563		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0427		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.0971		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.388	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.388	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0563		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.0932		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.388	U	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF80701FS	SED	FS	24-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.776	UJ	MG/KG	N
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.013		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.038		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.4		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.79		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0089	U	MG/KG	
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.1		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.2		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.72		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.11		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	2.4		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.012	U	MG/KG	
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	13.1		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	20.6		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	13700		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	1920		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	7.938610556		NA	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	294	J	MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.77		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	471		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	21.1		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	352		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.03		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.029		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	1.1		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	1.3		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.94		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-OF8-07	898441.596	622010.994	SD14OF0702FS	SED	FS	07-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	3.399		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.002	U	MG/KG	
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.017		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.019		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	UJ	MG/KG	
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0019		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.005		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.02		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.065		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.002	U	MG/KG	
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	2.2		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	1.05		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	560		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	103		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.640217273		NA	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	15.5		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.07		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	25.4		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	9.08		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	28.1		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.038		MG/KG	Y
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-OF8-07	898441.596	622010.994	SD14OF0703FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	57.7		PERCENT	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00866	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.026	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0831		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00866	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.026	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0883		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0173	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.26234		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00866	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	71100		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.73	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	6.63		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	2.29		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	740		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-50-8	Copper	268		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.752752281		NA	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW6020	7439-92-1	Lead	72.5		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	205		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	74.1		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.82		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-22-4	Silver	2.34		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.73	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	121		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0572	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0433	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0433	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0433	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0433	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0433	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0433	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0923	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0433	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0433	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0923	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.433	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.433	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.866	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.433	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.433	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.433	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.433	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.433	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.866	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.433	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.433	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.433	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.433	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.433	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene		R	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene		R	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.0433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.0736		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.0476		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.052	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.0433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.0715		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.0628		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.175		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0433	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.0433	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.0953		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.13		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80800FS	SED	FS	24-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	1.47		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	A209F	HLA0046	Percent Solids	75.9		PERCENT	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0329	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00659	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0198	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0132	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00659	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0198	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0132	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0132	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.082385	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00659	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	12800	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.32	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW6020	7440-38-2	Arsenic	3.53		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW6020	7440-43-9	Cadmium	1.41		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW6020	7440-47-3	Chromium	103		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW6020	7440-50-8	Copper	47.5		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.187667729		NA	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW6020	7439-92-1	Lead	16.1		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW6020	7439-96-5	Manganese	158		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW6020	7440-02-0	Nickel	24.4		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.32	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW6020	7440-22-4	Silver	1.32	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.32	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW6020	7440-66-6	Zinc	51.1		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0329	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0329	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0329	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0329	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0329	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0329	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0329	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0329	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0329	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0329	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.659	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.659	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.329	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.00659	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.00659	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.00659	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.00659	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.00659	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.00659	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.00659	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.00659	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.00659	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.00659	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.00659	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0105		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.329	UJ	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.00659	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.00659	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.00659	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.00659	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.329	U	MG/KG	N
SD2014-OF8-08	898563.848	621929.326	SD14OF80801FS	SED	FS	24-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	4.74	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.00051		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.025		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.091		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.14		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00089	U	MG/KG	
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.012		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.051		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.22		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.023		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.59		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.024		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	83-32-9	Acenaphthene	0.099	U	MG/KG	
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.099	U	MG/KG	
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	120-12-7	Anthracene	0.099	U	MG/KG	
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.11		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.1		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.25		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.094	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.25		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	218-01-9	Chrysene	0.16		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.099	U	MG/KG	
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	206-44-0	Fluoranthene	0.24		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	86-73-7	Fluorene	0.099	U	MG/KG	
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.098	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	91-20-3	Naphthalene	0.099	U	MG/KG	
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	85-01-8	Phenanthrene	0.079	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	129-00-0	Pyrene	0.32		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0022	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.00099	UJ	MG/KG	
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0022	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.00099	UJ	MG/KG	
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.012	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0021	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.00099	UJ	MG/KG	
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0014	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.00099	UJ	MG/KG	
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.044	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.011	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.025	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.00099	UJ	MG/KG	
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.014	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.018	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.041	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.036	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.012	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.03	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0092	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.00099	UJ	MG/KG	
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.016	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0035	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0099	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	2.7		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	1.31		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	434		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	91.5	J	MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.459481786		NA	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	25.3		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.09		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	24.7		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	4.85		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	34.2		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.16		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.13		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.29		MG/KG	Y
SD2014-OF8-08	898563.848	621929.326	SD14OF0802FS	SED	FS	07-Apr-15	2	3	SW846 9060	HLA0011	Total Organic Carbon	1.3		PERCENT	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	30.6		PERCENT	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0817	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.0163	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.049	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0327	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.0163	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0817	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.049	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0327	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0327	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.2042	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0163	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	40800		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	3.27	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	16.4		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	24.1		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	14800		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-50-8	Copper	2430		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	8.771423223		NA	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW6020	7439-92-1	Lead	247		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	584		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	676		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	4.51		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-22-4	Silver	11.2		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	3.27	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	478		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.108	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0817	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0817	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0817	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0817	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0817	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0817	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.147		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0817	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0817	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.147		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	3.28	UJ	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	3.28	UJ	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	6.55	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	6.55	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	3.28	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	62-53-3	Aniline	3.28	UJ	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	3.28	UJ	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	3.28	UJ	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	3.28	UJ	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	108-95-2	Phenol	3.28	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.164	UJ	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.164	UJ	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.164		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.262		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.238		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.213		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.164	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.328		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.287		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.164	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.606		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.164	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.164	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.164	UJ	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.287		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.606		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80900FS	SED	FS	15-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	14.4		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	A209F	HLA0046	Percent Solids	29.3		PERCENT	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.21365	U	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	51700	J	MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW6020	7440-36-0	Antimony		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW6020	7440-38-2	Arsenic	17.1	J	MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW6020	7440-43-9	Cadmium	62.7	J	MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW6020	7440-47-3	Chromium	31700	J	MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW6020	7440-50-8	Copper	4110	J	MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	17.16527685		NA	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW6020	7439-92-1	Lead	376	J	MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW6020	7439-96-5	Manganese	661	J	MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW6020	7440-02-0	Nickel	1130	J	MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW6020	7782-49-2	Selenium	5.31	J	MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW6020	7440-22-4	Silver	15	J	MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW6020	7440-28-0	Thallium		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW6020	7440-66-6	Zinc	808	J	MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8082	1336-36-3	PCB (total)		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0895	J	MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	62-53-3	Aniline		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	120-12-7	Anthracene		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.371	J	MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.315	J	MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.635	J	MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.149	J	MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.418	J	MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate		R	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	86-74-8	Carbazole		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.294	J	MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0852	J	MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.656	J	MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	86-73-7	Fluorene		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.166	J	MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	78-59-1	Isophorone		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	91-20-3	Naphthalene		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.256	J	MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	108-95-2	Phenol		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.558	J	MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW8270D	110-86-1	Pyridine		R	MG/KG	N
SD2014-OF8-09	898625.978	621852.17	SD14OF80901FS	SED	FS	15-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	47.8	J	MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.087		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0035	U	MG/KG	
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.37		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0089	U	MG/KG	
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.027		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.068		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.44		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.021	U	MG/KG	
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	1		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.028		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	8.87		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	13.9		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	5850		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	1040		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	3.852946473		NA	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	170	J	MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.43		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	255		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	11.7		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	288		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.53		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.65		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.57		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.31		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0902FS	SED	FS	07-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	2.06		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0025	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.055		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.076		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.11		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0046	UJ	MG/KG	
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0093		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.033		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.17		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0214	U	MG/KG	
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.57		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.1		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	8.34		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	3.14		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	854		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	153		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.766861084		NA	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	37.1		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.12		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	65.4		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	4.4		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	76.7		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.18		MG/KG	Y
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-OF8-09	898625.978	621852.17	SD14OF0903FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	A209F	HLA0046	Percent Solids				Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	58.7		PERCENT	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0426	U	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.0112	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00852	U	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0256	U	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0335	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0368		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.017	U	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00852	U	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.0112	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0426	U	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0256	U	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0335	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0747		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.017		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.017	U	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0223	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.11498		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0112	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00852	U	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	62600		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	29100	J	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	2.23	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.7	U	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	6.01		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	6.72		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	7.09	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.43	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	823	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	5010	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-50-8	Copper	920	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-50-8	Copper	417	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.865462457	NA	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	2.934431	NA	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW6020	7439-92-1	Lead	97.5	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW6020	7439-92-1	Lead	87.8	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	157	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	219	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	51.2	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	203	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	2.23	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.74	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-22-4	Silver	3.89	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-22-4	Silver	3.33	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	2.23	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.7	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	176	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	187	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0563	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0426	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0558	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0558	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0426	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0426	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0558	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0558	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0426	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0426	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0558	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0558	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0426	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0931	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0558	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0558	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0426	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0426	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0558	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0558	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0931	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.426	UJ	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.426	UJ	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.426	UJ	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.426	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.426	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.426	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.426	U	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.852	UJ	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.426	UJ	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.426	UJ	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.426	UJ	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.426	UJ	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.426	UJ	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.426	UJ	MG/KG
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.426	UJ	MG/KG

2014-2015 Sediment Analytical Data

SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.426	UJ	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.426	U	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.426	UJ	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.426	UJ	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.852	U	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.426	UJ	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.426	U	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.426	UJ	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.426	UJ	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.426	UJ	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.426	U	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.426	UJ	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.426	UJ	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.426	UJ	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.426	UJ	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.426	UJ	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.426	UJ	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.426	UJ	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.426	UJ	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.426	UJ	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.426	UJ	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.426	UJ	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.426	UJ	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.426	UJ	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.426	UJ	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.426	UJ	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.426	UJ	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.426	U	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.426	U	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0179	J	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.0153	J	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.0226		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.0162		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.0115		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.00938	J	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.00852	U	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.0158		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.0153		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.00852	U	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.0401		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0217	J	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.00852	U	MG/KG	N
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.0115	J	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.0482		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.0332		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	90-12-0	1-Methylnaphthalene	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	120-83-2	2,4-Dichlorophenol	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	105-67-9	2,4-Dimethylphenol	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	51-28-5	2,4-Dinitrophenol	1.12	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	121-14-2	2,4-Dinitrotoluene	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	606-20-2	2,6-Dinitrotoluene	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	91-58-7	2-Chloronaphthalene	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	95-57-8	2-Chlorophenol	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	91-57-6	2-Methylnaphthalene	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	95-48-7	2-Methylphenol	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	88-74-4	2-Nitroaniline	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	88-75-5	2-Nitrophenol	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	15831-10-4	3 & 4 Methylphenol	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	99-09-2	3-Nitroaniline	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	1.12	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	106-47-8	4-Chloroaniline	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	100-01-6	4-Nitroaniline	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	100-02-7	4-Nitrophenol	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	83-32-9	Acenaphthene	0.0223	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	208-96-8	Acenaphthylene	0.0223	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	62-53-3	Aniline	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	120-12-7	Anthracene	0.0223	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	56-55-3	Benzo(a)anthracene	0.0223	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	50-32-8	Benzo(a)pyrene	0.0223	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0223	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	191-24-2	Benzo(ghi)perylene	0.0223	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0223	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	85-68-7	Butylbenzylphthalate	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	86-74-8	Carbazole	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	218-01-9	Chrysene	0.0223	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	84-74-2	Di-n-butylphthalate	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	117-84-0	Di-n-octylphthalate	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0223	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	132-64-9	Dibenzofuran	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	84-66-2	Diethylphthalate	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	131-11-3	Dimethylphthalate	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	206-44-0	Fluoranthene	0.048		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	86-73-7	Fluorene	0.0223	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	118-74-1	Hexachlorobenzene	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	87-68-3	Hexachlorobutadiene	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	67-72-1	Hexachloroethane	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0223	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	78-59-1	Isophorone	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	91-20-3	Naphthalene	0.0223	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	98-95-3	Nitrobenzene	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	82-68-8	Pentachloronitrobenzene	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	87-86-5	Pentachlorophenol	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	85-01-8	Phenanthrene	0.0346		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	108-95-2	Phenol	0.558	U	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	129-00-0	Pyrene	0.0424		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW8270D	110-86-1	Pyridine	0.558	UJ	MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF81001FS	SED	FS	24-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	7.81	J	MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF81000FS	SED	FS	24-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	1.36		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.016		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.031		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.62		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.96		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.016		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.14		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.34		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.77		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.086		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	3		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.028		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	47.3		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	58.8		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	53600		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	5830		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	9.529910778		NA	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	496 J		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	1.54		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	1990		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	16.8		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	1390		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025 U		MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025 U		MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025 U		MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025 U		MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.16		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.53		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	1.2		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.75		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.15		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1002FS	SED	FS	07-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	2.79		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0014 J		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.024 UJ		MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.17 J		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.35 J		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.009 UJ		MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.02 J		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.081 J		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.37 J		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.066 J		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	1.1 J		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.024 UJ		MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.3		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	4.86		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	1720		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	249		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	1.260636065		NA	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	24.8		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.1		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	89.3		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	7.24		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	47.9		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025 U		MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025 U		MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025 U		MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025 U		MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025 U		MG/KG	
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.31		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.46 J		MG/KG	

2014-2015 Sediment Analytical Data

SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.13		MG/KG	Y
SD2014-OF8-10	898658.446	621780.387	SD14OF1003FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	56.1		PERCENT	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0446	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00891	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0267	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0187		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00891	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0446	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0267	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0178	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0178	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.121165		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00891	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	63900		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.78	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	7.13		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.47		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	1040		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-50-8	Copper	548		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	1.064162224		NA	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW6020	7439-92-1	Lead	105		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	255		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	62.5		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.94		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-22-4	Silver	4.74		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.78	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	182		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0588	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0446	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0446	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0446	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0446	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0446	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0446	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0446	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0446	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0446	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0446	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.446	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.446	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.446	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.446	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.891	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.446	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.446	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.891	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.446	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.446	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.446	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.446	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene		R	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene		R	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.0557		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.1		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.0936		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.118	J	MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.0668		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.0802		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.1		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0446	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.214		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0446	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.0691		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.143		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.216		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81100FS	SED	FS	24-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	1.87		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	A209F	HLA0046	Percent Solids	53.9		PERCENT	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0463	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00927	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0278	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0185	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00927	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0463	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0278	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0185	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0185	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.115755	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00927	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	52000	J	MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.85	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW6020	7440-38-2	Arsenic	7.61		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW6020	7440-43-9	Cadmium	9.09		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW6020	7440-47-3	Chromium	6710		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW6020	7440-50-8	Copper	1570		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	4.406548754		NA	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW6020	7439-92-1	Lead	149		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW6020	7439-96-5	Manganese	214		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW6020	7440-02-0	Nickel	356		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.85	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW6020	7440-22-4	Silver	7.52		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.85	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW6020	7440-66-6	Zinc	259		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0463	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0463	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0463	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0463	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0463	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0463	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0463	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0463	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0463	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0463	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.925	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.925	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0185	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0185	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0185		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0869		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.073		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.074		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0518		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0693		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0629		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0231		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.165		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0185	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.462	UJ	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0527		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0185	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.14		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.149		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.462	U	MG/KG	N
SD2014-OF8-11	898700.387	621723.925	SD14OF81101FS	SED	FS	24-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	6.67	J	MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.0301	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	218-01-9	Chrysene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	206-44-0	Fluoranthene	0.012		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	86-73-7	Fluorene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	85-01-8	Phenanthrene	0.01	J	MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	129-00-0	Pyrene	0.01	J	MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0001	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0001	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0001	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0001	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0001	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0001	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0001	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0001	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0001	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.00018		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0001	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0001	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0001	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0001	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0001	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.00026		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.00022		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0001	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.00021		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.00011		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0001	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.00017		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0001	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.00024		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	2.96		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	43.1		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	16.7	J	MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.081727359		NA	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	5.79		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	8.83		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	19.8		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1102FS	SED	FS	07-Apr-15	2	3	SW846 9060	HLA0011	Total Organic Carbon	2.6		PERCENT	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0032		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.004	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.005		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0073		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.029	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	218-01-9	Chrysene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	206-44-0	Fluoranthene	0.0096	J	MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	86-73-7	Fluorene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	UJ	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	85-01-8	Phenanthrene	0.018	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	129-00-0	Pyrene	0.01	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0002	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0002	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0002	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0002	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0002	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0002	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0002	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0002	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0002	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.0002	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0002	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0002	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0002	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0002	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0002	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.0002	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.0002	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0002	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.0002	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0002	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0002	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.0002	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0002	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0002	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	1.91		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	12.5	J	MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	7.14		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.060222416		NA	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	4.46		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	7.35		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	18.1		MG/KG	Y
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-OF8-11	898700.387	621723.925	SD14OF1103FSH	SED	FS	07-Apr-15	3	4	SW846 9060	HLA0011	Total Organic Carbon	2.4		PERCENT	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	69.9		PERCENT	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0358	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00715	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0215	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0143	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00715	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0358	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0215	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0143	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0143	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.089475	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00715	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	45900		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.83	J	MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	5.12		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	0.941		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	507		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-50-8	Copper	319		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.601935214		NA	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW6020	7439-92-1	Lead	70.4		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	165		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	39.4		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.43	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-22-4	Silver	2.45		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.43	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	141		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0472	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0358	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0358	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0358	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0358	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0358	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0358	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0358	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0358	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0358	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0358	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.358	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.358	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.358	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.358	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.715	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.358	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.715	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.358	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.358	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.358	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.358	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.358	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene		R	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene		R	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.0572		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.154		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.148		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.156	J	MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.106		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.181		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.136		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0358	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.358		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0358	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.109		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.207		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.313		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81200FS	SED	FS	24-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.715	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	A209F	HLA0046	Percent Solids	50.8		PERCENT	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00984	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0295	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0197	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00984	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0295	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0197	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0197	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.12301	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00984	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	30400	J	MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.97	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW6020	7440-38-2	Arsenic	9.36	MG/KG	Y	
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW6020	7440-43-9	Cadmium	5.4	MG/KG	Y	
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW6020	7440-47-3	Chromium	6120	MG/KG	Y	
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW6020	7440-50-8	Copper	1640	MG/KG	Y	
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	3.996933615	NA	Y	
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW6020	7439-92-1	Lead	218	MG/KG	Y	
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW6020	7439-96-5	Manganese	342	MG/KG	Y	
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW6020	7440-02-0	Nickel	311	MG/KG	Y	
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.97	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW6020	7440-22-4	Silver	3.18	MG/KG	Y	
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.97	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW6020	7440-66-6	Zinc	319	MG/KG	Y	
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0492	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0492	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0492	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0492	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0492	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0492	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0492	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0492	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0492	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0492	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.984	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.984	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.231		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.197		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.251		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.126		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.192		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.492	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.167		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0664		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.438		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.492	UJ	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.133		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.266		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.394		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.492	U	MG/KG	N
SD2014-OF8-12	898753.789	621641.122	SD14OF81201FS	SED	FS	24-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	5.41	J	MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.015		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.031		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.28		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.37		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.009	U	MG/KG	
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.15		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.3		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.39		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.11		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	1.7		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.019		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	8.89		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	6.85		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	2810		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	744		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	2.301666262		NA	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	360	J	MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.26		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	123		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	9.61		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	242		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.057		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.19		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.37		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.77		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.14		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1202FS	SED	FS	07-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	1.527		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0024		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0042		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	UJ	MG/KG	
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.51		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.79		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	352		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	87.3		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.330754191		NA	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	29.7		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.07		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	32.4		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	1.09		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	56.3		MG/KG	Y
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-OF8-12	898753.789	621641.122	SD14OF1203FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	52.7		PERCENT	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0474	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00948	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0284	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.019	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00948	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0474	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0284	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.019	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.019	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.11852	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00948	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	64500		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.9	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	6.55		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.28		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	737		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-50-8	Copper	630		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	1.007804911		NA	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-92-1	Lead	169		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	214		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	56.4		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.95		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-22-4	Silver	4.37		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.9	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	189		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0626	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0474	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0474	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0474	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0474	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0474	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0474	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0474	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0474	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.826	J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.826	J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiiisopropylether	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.475	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.475	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.475	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.475	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.951	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.475	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.475	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.475	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.951	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.475	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.475	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	R		MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.475	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.475	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.475	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0951	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.0951	UJ	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.0951	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.119		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.0998		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.0951	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.0951	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.128		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.105		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0951	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.219		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0951	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.0951	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.114		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.2		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81300FS	SED	FS	23-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.948	U	MG/KG	N
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	A209F	HLA0046	Percent Solids				Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0745	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.0149	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0447	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0298	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.0149	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0745	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0447	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0298	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0298	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.0149	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	34200	J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW6020	7440-36-0	Antimony	3.1		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW6020	7440-38-2	Arsenic	9.37		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW6020	7440-43-9	Cadmium	2.19		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW6020	7440-47-3	Chromium	4210		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW6020	7440-50-8	Copper	3690		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	4.763460717		NA	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW6020	7439-92-1	Lead	293		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW6020	7439-96-5	Manganese	329		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW6020	7440-02-0	Nickel	264		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW6020	7782-49-2	Selenium	2.98	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW6020	7440-22-4	Silver	20.4		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW6020	7440-28-0	Thallium	2.98	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW6020	7440-66-6	Zinc	298		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0745	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0745	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0745	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0745	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0745	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0745	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0745	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0745	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0745	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0745	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.745	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.745	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.745	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.745	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.745	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	1.49 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	1.49 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0298 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0298 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0298 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0358	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0313	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0447	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0313	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0298	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0298 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0298 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.0671	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0298 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0298 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0298 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.745 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0447	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.745 U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.0596		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.745	UJ	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF81301FS	SED	FS	23-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	15.8	J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.046		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0016	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.91		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.15		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0015		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.55		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	1.1		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.13		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.022		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	2.9		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0021	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	83-32-9	Acenaphthene	0.056	J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.056	J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	120-12-7	Anthracene	0.13		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.58		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.68		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	1.4		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.48		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	1.4		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	218-01-9	Chrysene	0.7		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.21		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	206-44-0	Fluoranthene	1.4		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	86-73-7	Fluorene	0.072	J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.5		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	91-20-3	Naphthalene	0.1	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	85-01-8	Phenanthrene	0.63		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	129-00-0	Pyrene	1.1		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.12		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.01	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.01	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.01	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.01	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.01	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.014		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.01	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.01	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.049		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.01	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.022		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0083	J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.014		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.017		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.067		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.098		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.04		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.31		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.062		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.01	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.3		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.066		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.96		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	13.4		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	1.88		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	3580		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	3530	J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	4.727075704		NA	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	931	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.45	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	284	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	14.9	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	360	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.025 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.025 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.095	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.38	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.23	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.705	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1302FS	SED	FS	07-Apr-15	2	3	SW846 9060	HLA0011	Total Organic Carbon	0.61	PERCENT	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.001	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0048 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.45	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.24	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0018 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.34	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.97	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.22	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.032	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	2.3	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.022	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	83-32-9	Acenaphthene	0.087	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.17	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	120-12-7	Anthracene	0.19	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	1.5	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	1.7	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	1.8	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	1.1	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	1.6	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	218-01-9	Chrysene	1.9	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.37	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	206-44-0	Fluoranthene	3	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	86-73-7	Fluorene	0.11	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	1	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	91-20-3	Naphthalene	0.078 J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	85-01-8	Phenanthrene	1	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	129-00-0	Pyrene	2.5	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.024 J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0002 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0002 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0002 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0061 J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0048 J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.011 J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0051 J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0002 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.035 J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.01 J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.021 J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0002 U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.014 J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.017 J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.056 J	MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.075	J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.028	J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.11	J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.023	J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0002	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.09	J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.02	J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.19	J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	14.9		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	4.98		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	8370	J	MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	4130		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	6.618919207		NA	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	337		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.77		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	533		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	5.26		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	412		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.16		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.3		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.76		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.16		MG/KG	Y
SD2014-OF8-13	898852.48	621521.129	SD14OF1303FSH	SED	FS	07-Apr-15	3	4	SW846 9060	HLA0011	Total Organic Carbon	2.6		PERCENT	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	48.4		PERCENT	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.0103	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.031	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0207	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.0103	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.031	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0207	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0207	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.1292	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0103	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	41200		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	2.07	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	8.34		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	2.16		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	1000		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-50-8	Copper	856		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	1.30092475		NA	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-92-1	Lead	183		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	286		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	75.8		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	2.07	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-22-4	Silver	4.58		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	2.07	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	264		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0682	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0517	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0517	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0517	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0517	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0517	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0517	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0517	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0517	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0517	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0517	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.517	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.517	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	1.03	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.517	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	1.03	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.517	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.517	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.517	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.517	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.517	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.517	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.103	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.103	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.103	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.139		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.176		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.103		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.103	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.196		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.16		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.103	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.382		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.103	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.103	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.134		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.377		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81400FS	SED	FS	23-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	1.03	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	A209F	HLA0046	Percent Solids	36		PERCENT	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0694	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.0139	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0417	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0278	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.0139	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0694	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0417	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0278	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0278	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.17365	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.0139	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	43500	J	MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-36-0	Antimony	2.78	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-38-2	Arsenic	12.3		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-43-9	Cadmium	14		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-47-3	Chromium	15500		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-50-8	Copper	2610		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	8.853268973		NA	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW6020	7439-92-1	Lead	341		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW6020	7439-96-5	Manganese	532		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-02-0	Nickel	688		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW6020	7782-49-2	Selenium	2.78	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-22-4	Silver	5.25		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-28-0	Thallium	2.78	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-66-6	Zinc	540		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0694	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0694	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0694	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0694	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0694	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0694	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0694	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0694	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0694	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0694	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.691	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.691	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.691	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.691	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	1.38	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.691	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.691	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.691	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.691	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	1.38	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.691	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.691	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0276	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0276	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0276	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0539		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0456		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0649		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0276	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0442		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0415		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0276	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.0926		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0276	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.029		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0276	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.691	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0636		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.691	U	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.0898		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.691	UJ	MG/KG	N
SD2014-OF8-14	898878.831	621446.591	SD14OF81401FS	SED	FS	23-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	16	J	MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.097		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.024	U	MG/KG	
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.95		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.37		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.009	U	MG/KG	
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	1.1		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	1.9		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.27		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.088		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	4.8		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.026		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	12.5		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	72.2		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	5920		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	2430		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	5.983409639		NA	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	1100	J	MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.41		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	419		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	3.4		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	444		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.039		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.15		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.52		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	1.9		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.58		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1402FS	SED	FS	07-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	3.189		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0038		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	UJ	MG/KG	
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	8.1		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	1.28		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	270		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	160		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.377752914		NA	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	89.9		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.07		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	35.3		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	89.8		MG/KG	Y
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-OF8-14	898878.831	621446.591	SD14OF1403FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	60.6		PERCENT	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00825	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0247	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0165	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00825	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0247	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0165	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0165	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.103025	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00825	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	39200		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.65	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	5.31		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.16		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	278		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-50-8	Copper	442		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.644855496		NA	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-92-1	Lead	198		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	191		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	31		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.65	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-22-4	Silver	2.27		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.65	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	185		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0544	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.412	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.412	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.825	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.412	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.412	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.825	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.412	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.412	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.412	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.412	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.412	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.412	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0825	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.0825	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.107		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.153		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.173		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.153		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.115		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.181		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.165		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0825	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.371		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0825	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.103		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.181		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.363		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81500FS	SED	FS	23-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.825	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	A209F	HLA0046	Percent Solids	36.2		PERCENT	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0692	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.0138	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0415	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0277	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.0138	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0692	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0415	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0277	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0277	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.17295	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.0138	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	33000	J	MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW6020	7440-36-0	Antimony	2.77	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW6020	7440-38-2	Arsenic	10.7		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW6020	7440-43-9	Cadmium	5.26		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW6020	7440-47-3	Chromium	2370		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW6020	7440-50-8	Copper	1320		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	2.131965774		NA	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW6020	7439-92-1	Lead	272		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW6020	7439-96-5	Manganese	303		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW6020	7440-02-0	Nickel	132		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW6020	7782-49-2	Selenium	2.77	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW6020	7440-22-4	Silver	2.77	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW6020	7440-28-0	Thallium	2.77	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW6020	7440-66-6	Zinc	361		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0692	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0692	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0692	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0692	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0692	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0692	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0692	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0692	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0692	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0692	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	1.39	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	1.39	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.693	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0277	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0277	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0277	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0818		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0638		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.104		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0374		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0652		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.693	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.693	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0582		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0277	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.162		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0277	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.693	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0388		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0277	UJ	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.119		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.134		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.693	U	MG/KG	N
SD2014-OF8-15	898799.928	621385.157	SD14OF81501FS	SED	FS	23-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	11.5	J	MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.001		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.022		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.019		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.011		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.031		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.021		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.007		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.11		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	3.08		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	1.82		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	675		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	190		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.515256778		NA	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	61.7	J	MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.08		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	39.9		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	69.3		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.036		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.055		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1502FS	SED	FS	07-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.091		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.017		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.14		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0037	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.068		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.078		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.16		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	UJ	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.052		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0082		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.53		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	8.01		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	53.2		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	19.4		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.140088744		NA	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	11.5		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.06		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	20.7		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	61.3		MG/KG	Y
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-OF8-15	898799.928	621385.157	SD14OF1503FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	56.3		PERCENT	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0444	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00888	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0266	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0178	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00888	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0444	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0266	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0178	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0178	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.11102	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00888	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N

2014-2015 Sediment Analytical Data

SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	64100		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	2.66	J	MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	5.14		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.03		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	120		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-50-8	Copper	399		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.529809114		NA	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-92-1	Lead	250		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	242		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	21.9		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	2.18		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.78	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.78	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	182		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0586	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0444	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0444	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0444	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0444	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0444	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0444	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0444	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0444	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0444	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0444	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.444	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.444	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.444	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.444	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.888	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.444	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.444	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.444	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.888	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.444	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.444	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.444	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.444	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.444	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.444	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0888	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.0888	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.142		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.342		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.382		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.355		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.244		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.448		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.346		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.107		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.71		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0888	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.218		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.218		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.71		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81600FS	SED	FS	23-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.888	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	A209F	HLA0046	Percent Solids	60.2		PERCENT	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.0083	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0249	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0166	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.0083	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0249	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0166	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0166	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.10375	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.0083	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	14000	J	MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.66	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW6020	7440-38-2	Arsenic	3.06		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.83	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW6020	7440-47-3	Chromium	131		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW6020	7440-50-8	Copper	150		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.285752623		NA	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW6020	7439-92-1	Lead	78		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW6020	7439-96-5	Manganese	225		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW6020	7440-02-0	Nickel	21.9		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.66	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW6020	7440-22-4	Silver	1.66	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.66	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW6020	7440-66-6	Zinc	116		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0415	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0415	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0415	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0415	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0415	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0415	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0415	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0415	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0415	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0415	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.83	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.797		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.83	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.415	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.083	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.108		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.083	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.423		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.336		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.465		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.183		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.303		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.415	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.415	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.315		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0872		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.759		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.083	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.415	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.199		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.083	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.411		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.685		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.415	U	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF81601FS	SED	FS	23-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.83	UJ	MG/KG	N
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.046		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.72		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.11		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.49		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.94		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.1		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.026		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	2.4		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	83-32-9	Acenaphthene	0.084	J	MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.12		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	120-12-7	Anthracene	0.18		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	1.3		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	1.4		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	1.6		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	1.1		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	1.2		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	218-01-9	Chrysene	1.6		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.24		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	206-44-0	Fluoranthene	3.5		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	86-73-7	Fluorene	0.095	J	MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.92		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	91-20-3	Naphthalene	0.1	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	85-01-8	Phenanthrene	0.91		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	129-00-0	Pyrene	2.9		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0097		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.001	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0018		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0027		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0024		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0023		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0071		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0023		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.001	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.017		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.001	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.013		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.001	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0062		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0061		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.026		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.026		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0098		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.05		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.011		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.001	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.04		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0081		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.077		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	13.9		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	7.33		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	7240		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	1620	J	MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	5.242992423		NA	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	401		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.66		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	291		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	2.53		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	422		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.026		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.084		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.53		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.38		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.21		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	1.23		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1602FS	SED	FS	07-Apr-15	2	3	SW846 9060	HLA0011	Total Organic Carbon	1.6		PERCENT	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.001	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0048	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0072	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0084	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0018	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0018	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0048	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0092	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0084	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.06	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0048	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	83-32-9	Acenaphthene	0.26		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.73		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	120-12-7	Anthracene	2		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	5.1		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	4		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	3.6		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	1.8		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	3.1		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	218-01-9	Chrysene	5.3		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.46		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	206-44-0	Fluoranthene	8.1		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	86-73-7	Fluorene	0.71		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	1.9		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	91-20-3	Naphthalene	0.38	J	MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	85-01-8	Phenanthrene	3.9		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	129-00-0	Pyrene	8.6		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0019		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0015		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.001	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.001	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.001	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.001	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.001	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.001	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.001	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.001	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.001	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.001	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.001	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.001	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.001	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.001	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.0012		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.001	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.004		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.001	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.001	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.002		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.001	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0064		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	16.9		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	6.33		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	8820	J	MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	4470		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	9.297766188		NA	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	2060		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.57		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	1110		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	2.68		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	575		MG/KG	Y
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-OF8-16	898736.382	621303.996	SD14OF1603FSH	SED	FS	07-Apr-15	3	4	SW846 9060	HLA0011	Total Organic Carbon	1.8		PERCENT	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	64.4		PERCENT	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0388	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00777	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0233	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0155	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00777	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0388	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0233	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0155	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0155	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.097005	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00777	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	20500		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.55	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	4.09		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	0.777	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	125		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-50-8	Copper	125		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.243693286		NA	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-92-1	Lead	47.6		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	146		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	19.6		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.55	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.55	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.55	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	99.3		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0513	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0388	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0388	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0388	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0388	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0388	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0388	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0388	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0388	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0388	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0388	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.387	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.387	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.387	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.387	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.775	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.387	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.387	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.387	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.775	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.387	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.387	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.387	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.387	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.387	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.387	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.62	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.62	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.961		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	2.6		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	2.79		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	2.73		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	1.52		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	2.79		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	2.67		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.62		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	4.9		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.62	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	1.4		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.806		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	5.18		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81700FS	SED	FS	23-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.777	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	A209F	HLA0046	Percent Solids	49.3		PERCENT	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.0101	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0304	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0203	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.0101	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0304	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0203	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0203	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.1267	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.0101	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	43300	J	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW6020	7440-36-0	Antimony	2.03	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW6020	7440-38-2	Arsenic	2.03	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW6020	7440-43-9	Cadmium	1.01	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW6020	7440-47-3	Chromium	37.2		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW6020	7440-50-8	Copper	47.5		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.167808165		NA	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW6020	7439-92-1	Lead	38.6		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW6020	7439-96-5	Manganese	184		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW6020	7440-02-0	Nickel	17		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW6020	7782-49-2	Selenium	2.03	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW6020	7440-22-4	Silver	2.03	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW6020	7440-28-0	Thallium	2.03	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW6020	7440-66-6	Zinc	89.4		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0507	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0507	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0507	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0507	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0507	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0507	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0507	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0507	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0507	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0507	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	1.01	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	1.01	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.507	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0203	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0203	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0203	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0365		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0294		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0507		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0203	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0284		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.507	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.507	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0274		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0203	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.0568		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0203	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.507	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.507	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0203	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0203	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0254	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.0548	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.507	U	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF81701FS	SED	FS	23-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	1.01	UJ	MG/KG	N
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.022	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.29	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.091	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00091	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.25	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.47	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.095	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.012	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	1.2	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0064	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	83-32-9	Acenaphthene	2	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	208-96-8	Acenaphthylene	1	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	120-12-7	Anthracene	3.5	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	17	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	12	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	10	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	5.1	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	11	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	218-01-9	Chrysene	16	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	1.9	J	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	206-44-0	Fluoranthene	37	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	86-73-7	Fluorene	1.8	J	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	5.7	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	91-20-3	Naphthalene	2	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	85-01-8	Phenanthrene	16	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270 SIM	129-00-0	Pyrene	34	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0071	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.001	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.001	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.001	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0013	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0011	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0019	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0019	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.001	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.011	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0015	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0053	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.001	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.003	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0044	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.015	U	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.015	U	MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0066	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.032	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0065	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.001	MG/KG	U
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.025	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0053	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.059	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	9.64	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	7.61	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	3920	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	1180	MG/KG	J
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	2.788295398	NA	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	220	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.36	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	216	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	2.17	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	258	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	MG/KG	U
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	MG/KG	U
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	MG/KG	U
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	MG/KG	U
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.025	MG/KG	U
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.05	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.55	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.4	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.23	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	1.23	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1702FS	SED	FS	07-Apr-15	2	3	SW846 9060	HLA0011	Total Organic Carbon	1.3	PERCENT	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.036	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	MG/KG	U
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.39	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.21	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	MG/KG	U
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.41	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.7	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.25	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.072	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	2.1	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0069	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	83-32-9	Acenaphthene	0.2	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.2	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	120-12-7	Anthracene	0.4	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	2	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	2.1	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	2.4	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	1.2	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	1.7	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	218-01-9	Chrysene	2.5	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.35	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	206-44-0	Fluoranthene	4.5	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	86-73-7	Fluorene	0.3	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	1.2	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	91-20-3	Naphthalene	0.1	MG/KG	J
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	85-01-8	Phenanthrene	1.9	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	129-00-0	Pyrene	4	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.051	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0002	MG/KG	U
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0002	MG/KG	U
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0079	MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0062		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.013		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.016		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.01		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0011		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.074		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.02		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.052		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.006	U	MG/KG	
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.021	U	MG/KG	
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.029		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.11		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.1		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.046		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.24		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.055		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0002	U	MG/KG	
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.24		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.029		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.4		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	10.9		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	23.1		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	7100	J	MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	1500		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	4.69552498		NA	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	473		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.45		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	334		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	2.97		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	333		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.042		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.27		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	1.1		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.24		MG/KG	Y
SD2014-OF8-17	898933.641	621457.583	SD14OF1703FSH	SED	FS	07-Apr-15	3	4	SW846 9060	HLA0011	Total Organic Carbon	1.1		PERCENT	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	41.3		PERCENT	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0605	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.0121	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0363	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0411		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.0121	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0605	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0363	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0339		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0242	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.20205		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0121	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	28000		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	2.42	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	4.91		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.3		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	807		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-50-8	Copper	567		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.980785027	NA	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW6020	7439-92-1	Lead	103	MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	222	MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	70.2	MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-22-4	Silver	3.88	MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	196	MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0799 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0605 UJ	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0605 UJ	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0605 UJ	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0605 UJ	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0605 UJ	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0605 UJ	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0605 UJ	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0605 UJ	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0605 UJ	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0605 UJ	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	2.42 UJ	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	2.42 UJ	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	4.84 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	4.84 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	62-53-3	Aniline	2.42 UJ	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	2.42 U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	2.42 UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	2.42	UJ	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	2.42	UJ	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	2.42	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	2.42	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	2.42	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	2.42	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	2.42	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	2.42	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	108-95-2	Phenol	2.42	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.121	UJ	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.157	J	MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.387		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.92		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.944		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.92		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.466		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	1.03		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.932		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.206		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	1.78		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.127		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.424		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.121	UJ	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.859		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	1.8		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81800FS	SED	FS	22-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	1.45		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	A209F	HLA0046	Percent Solids	70.8		PERCENT	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00706	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0212	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0141	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00706	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0212	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0141	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0141	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.08824	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00706	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	14000	J	MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.41	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW6020	7440-38-2	Arsenic	1.51		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.706	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW6020	7440-47-3	Chromium	142		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW6020	7440-50-8	Copper	134		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.214709775		NA	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW6020	7439-92-1	Lead	33.6		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW6020	7439-96-5	Manganese	100		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW6020	7440-02-0	Nickel	15.1		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.41	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW6020	7440-22-4	Silver	1.41	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.41	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW6020	7440-66-6	Zinc	58.2		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0353	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.706	UJ	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.706	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0353		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0353		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.17		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.148		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.283		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.102		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.138		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.129		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0459		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.304		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.353	UJ	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.104		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.189		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.291		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.353	U	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF81801FS	SED	FS	22-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.706	UJ	MG/KG	N
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0025	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0122	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.053		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.068		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0046	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.016		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.036		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.058		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0213	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.28		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.026		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	3.39		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	1.1		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	208		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	155		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.298764046		NA	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	68.4	J	MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.16		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	19.5		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	0.58		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	99.4		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.082		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.067		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1802FS	SED	FS	07-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.149		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0035	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.029	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.029		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.034		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.034		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.033		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.031		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	218-01-9	Chrysene	0.037		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	206-44-0	Fluoranthene	0.052		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	86-73-7	Fluorene	0.01	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.027		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	UJ	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	85-01-8	Phenanthrene	0.046	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270 SIM	129-00-0	Pyrene	0.074		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0002	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0002	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0002	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0002	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0002	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0002	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0002	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0002	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0002	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.00072		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0002	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.00045		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0002	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0002	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.00017	J	MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.0009	J	MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.00071	J	MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.00022		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.00034	J	MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.00019	J	MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0002	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.00035	J	MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0002	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.00017	J	MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	3.92		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	19.2	J	MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	15		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	04-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.07740188		NA	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	6.48		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	12.2		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	42.3		MG/KG	Y
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-OF8-18	899041.128	621472.692	SD14OF1803FSH	SED	FS	07-Apr-15	3	4	SW846 9060	HLA0011	Total Organic Carbon	1.9		PERCENT	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	45.5		PERCENT	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.055	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.011	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.033	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.022	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.011	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.055	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.033	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.022	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.022	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.1375	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.011	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	54800		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	2.2	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	5.82		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.12		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	135		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-50-8	Copper	218		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.394527366		NA	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-92-1	Lead	113		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	244		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	24.3		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	2.2	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-22-4	Silver	2.2	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	2.2	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	204		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0726	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.055	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.055	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.055	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.055	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.055	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.055	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.055	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.055	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.055	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.055	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.55	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.55	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	1.1	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.55	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	1.1	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.55	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.55	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.55	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.55	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.55	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.55	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.55	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.11	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.11	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.11	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.11	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.11	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.11		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.11	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.11	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.11	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.11	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.215		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.11	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.11	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.11	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.215		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81900FS	SED	FS	23-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	1.1	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	A209F	HLA0046	Percent Solids	47		PERCENT	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.0106	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.034		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0213	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.0106	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0723		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0223		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0213	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.2189		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.0106	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	37600	J	MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW6020	7440-36-0	Antimony	2.13	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW6020	7440-38-2	Arsenic	5.14		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW6020	7440-43-9	Cadmium	4.91		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW6020	7440-47-3	Chromium	2790		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW6020	7440-50-8	Copper	724		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	2.022901789		NA	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW6020	7439-92-1	Lead	248		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW6020	7439-96-5	Manganese	299		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW6020	7440-02-0	Nickel	137		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW6020	7782-49-2	Selenium	2.13	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW6020	7440-22-4	Silver	3.08		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW6020	7440-28-0	Thallium	2.13	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW6020	7440-66-6	Zinc	308		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0531	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0531	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0531	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0531	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0531	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0531	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0531	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0531	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.135	J	MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.135	J	MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	1.06	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	1.06	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.531	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.141		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0956		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.149		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.093		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.531	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.531	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.093		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.3		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.531	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0558		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0531	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.205		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.25		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.531	U	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF81901FS	SED	FS	23-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	1.06	UJ	MG/KG	N
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0025	U	MG/KG	
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.01189	U	MG/KG	
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.11		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.23		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0045	U	MG/KG	
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.013		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.062		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.38		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.024		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.88		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.045		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.41		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	3.84		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	901		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	246		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.873972873		NA	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	56.7	J	MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.15		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	69.4		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	4.26		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	163		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.66		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.37		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.3		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.11		MG/KG	Y
SD2014-OF8-19	899098.072	621490.559	SD14OF1903FS	SED	FS	07-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	1.44		MG/KG	Y
SD2014-REF-01	899683.387	624671.757	SD14REF0100FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	64.9		PERCENT	Y

2014-2015 Sediment Analytical Data

SD2014-REF-01	899683.387	624671.757	SD14REF0100FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0385	U	MG/KG	N
SD2014-REF-01	899683.387	624671.757	SD14REF0100FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.0077	U	MG/KG	N
SD2014-REF-01	899683.387	624671.757	SD14REF0100FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0231	U	MG/KG	N
SD2014-REF-01	899683.387	624671.757	SD14REF0100FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0154	U	MG/KG	N
SD2014-REF-01	899683.387	624671.757	SD14REF0100FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.0077	U	MG/KG	N
SD2014-REF-01	899683.387	624671.757	SD14REF0100FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0385	U	MG/KG	N
SD2014-REF-01	899683.387	624671.757	SD14REF0100FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0231	U	MG/KG	N
SD2014-REF-01	899683.387	624671.757	SD14REF0100FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0154	U	MG/KG	N
SD2014-REF-01	899683.387	624671.757	SD14REF0100FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0154	U	MG/KG	N
SD2014-REF-01	899683.387	624671.757	SD14REF0100FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.09625	U	MG/KG	N
SD2014-REF-01	899683.387	624671.757	SD14REF0100FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0077	U	MG/KG	N
SD2014-REF-01	899683.387	624671.757	SD14REF0100FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0385	U	MG/KG	N
SD2014-REF-01	899683.387	624671.757	SD14REF0100FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0385	U	MG/KG	N
SD2014-REF-01	899683.387	624671.757	SD14REF0100FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0385	U	MG/KG	N
SD2014-REF-01	899683.387	624671.757	SD14REF0100FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0385	U	MG/KG	N
SD2014-REF-01	899683.387	624671.757	SD14REF0100FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0385	U	MG/KG	N
SD2014-REF-01	899683.387	624671.757	SD14REF0100FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0385	U	MG/KG	N
SD2014-REF-01	899683.387	624671.757	SD14REF0100FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0385	U	MG/KG	N
SD2014-REF-01	899683.387	624671.757	SD14REF0100FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0385	U	MG/KG	N
SD2014-REF-01	899683.387	624671.757	SD14REF0100FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0385	U	MG/KG	N
SD2014-REF-01	899683.387	624671.757	SD14REF0100FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0385	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	76.3		PERCENT	Y
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00655	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0197	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0131	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00655	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0197	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0131	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0131	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.081975	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00655	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	7580		MG/KG	Y
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.31	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	2.44		MG/KG	Y
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	0.655	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	28.2		MG/KG	Y
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-50-8	Copper	264		MG/KG	Y
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.254625657		NA	Y
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW6020	7439-92-1	Lead	33.5		MG/KG	Y
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	146		MG/KG	Y
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	11.6		MG/KG	Y
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.31	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.31	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.31	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	147		MG/KG	Y
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0433	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0328	UJ	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0328	UJ	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0328	UJ	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0328	UJ	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0328	UJ	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0328	UJ	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0328	UJ	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0328	UJ	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0328	UJ	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0328	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.328	UJ	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.328	UJ	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.655	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.655	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline		R	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.328	UJ	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.328	UJ	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.328	UJ	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.328	UJ	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	0.328	UJ	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.328	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0655	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.121		MG/KG	Y
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.0918		MG/KG	Y
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.269		MG/KG	Y
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.321		MG/KG	Y
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.324	J	MG/KG	Y
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.2		MG/KG	Y
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.315		MG/KG	Y
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.252		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0787		MG/KG	Y
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.292		MG/KG	Y
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0655	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.164		MG/KG	Y
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.0655	U	MG/KG	N
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.105		MG/KG	Y
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.4		MG/KG	Y
SD2014-REF-02	899415.382	624858.684	SD14REF0200FS	SED	FS	18-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.655	UJ	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	78.8		PERCENT	Y
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00635	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.019	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0127	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00635	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.019	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0127	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0127	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.079275	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00635	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	4930		MG/KG	Y
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.27	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	1.7		MG/KG	Y
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	0.635	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	22.9		MG/KG	Y
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-50-8	Copper	81.2		MG/KG	Y
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.139090675		NA	Y
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW6020	7439-92-1	Lead	23.9		MG/KG	Y
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	135		MG/KG	Y
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	9.83		MG/KG	Y
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.27	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.27	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.27	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	90.6		MG/KG	Y
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0419	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0317	UJ	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0317	UJ	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0317	UJ	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0317	UJ	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0317	UJ	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0317	UJ	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0317	UJ	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0317	UJ	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0317	UJ	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0317	UJ	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.317	UJ	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.317	UJ	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.635	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.317	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.635	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline		R	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.317	UJ	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.317	UJ	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.317	UJ	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.317	UJ	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	0.317	UJ	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.317	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0635	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.111		MG/KG	Y
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.092		MG/KG	Y
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.263		MG/KG	Y
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.324		MG/KG	Y
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.159	J	MG/KG	Y
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.175		MG/KG	Y
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.276		MG/KG	Y
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.289		MG/KG	Y
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0794		MG/KG	Y
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.324		MG/KG	Y
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0635	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.159		MG/KG	Y
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.0635	U	MG/KG	N
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.133		MG/KG	Y
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.384		MG/KG	Y
SD2014-REF-03	899073.057	625169.48	SD14REF0300FS	SED	FS	18-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.635	UJ	MG/KG	N
SD2014-REF-04	898455.971	625786.566	SD14REF0400FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	56.7		PERCENT	Y
SD2014-REF-04	898455.971	625786.566	SD14REF0400FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0441	U	MG/KG	N
SD2014-REF-04	898455.971	625786.566	SD14REF0400FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00881	U	MG/KG	N
SD2014-REF-04	898455.971	625786.566	SD14REF0400FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0264	U	MG/KG	N
SD2014-REF-04	898455.971	625786.566	SD14REF0400FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0176	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-REF-04	898455.971	625786.566	SD14REF0400FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00881	U	MG/KG	N
SD2014-REF-04	898455.971	625786.566	SD14REF0400FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0441	U	MG/KG	N
SD2014-REF-04	898455.971	625786.566	SD14REF0400FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0264	U	MG/KG	N
SD2014-REF-04	898455.971	625786.566	SD14REF0400FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0176	U	MG/KG	N
SD2014-REF-04	898455.971	625786.566	SD14REF0400FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0176	U	MG/KG	N
SD2014-REF-04	898455.971	625786.566	SD14REF0400FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.110115	U	MG/KG	N
SD2014-REF-04	898455.971	625786.566	SD14REF0400FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00881	U	MG/KG	N
SD2014-REF-04	898455.971	625786.566	SD14REF0400FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0441	U	MG/KG	N
SD2014-REF-04	898455.971	625786.566	SD14REF0400FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0441	U	MG/KG	N
SD2014-REF-04	898455.971	625786.566	SD14REF0400FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0441	U	MG/KG	N
SD2014-REF-04	898455.971	625786.566	SD14REF0400FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0441	U	MG/KG	N
SD2014-REF-04	898455.971	625786.566	SD14REF0400FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0441	U	MG/KG	N
SD2014-REF-04	898455.971	625786.566	SD14REF0400FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0441	U	MG/KG	N
SD2014-REF-04	898455.971	625786.566	SD14REF0400FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0441	U	MG/KG	N
SD2014-REF-04	898455.971	625786.566	SD14REF0400FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0441	U	MG/KG	N
SD2014-REF-04	898455.971	625786.566	SD14REF0400FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0441	U	MG/KG	N
SD2014-REF-04	898455.971	625786.566	SD14REF0400FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0441	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	75.6		PERCENT	Y
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00661	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0198	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0132	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00661	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0198	UJ	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0132	UJ	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0132	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.082615	UJ	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00661	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	9020		MG/KG	Y
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.32	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	2.44		MG/KG	Y
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	0.661	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	29.6		MG/KG	Y
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-50-8	Copper	91.8		MG/KG	Y
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.154960917		NA	Y
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW6020	7439-92-1	Lead	16.9		MG/KG	Y
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	185		MG/KG	Y
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	13.9		MG/KG	Y
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.32	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.32	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.32	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	92.3		MG/KG	Y
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0436	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.331	UJ	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.331	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol		R	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.661	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline		R	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.331	UJ	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.331	UJ	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.331	UJ	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine		R	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol		R	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.331	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0661	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.0661	UJ	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.0859	J	MG/KG	Y
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.221		MG/KG	Y
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.238		MG/KG	Y
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.218	J	MG/KG	Y
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.155		MG/KG	Y
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.208		MG/KG	Y
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.271		MG/KG	Y
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0661	UJ	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.304		MG/KG	Y
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0661	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.122		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.0661	U	MG/KG	N
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.116	J	MG/KG	Y
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.36		MG/KG	Y
SD2014-REF-05	898359.129	625887.912	SD14REF0500FS	SED	FS	18-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.661	UJ	MG/KG	N
SD2014-REF-06	898302.826	625908.181	SD14REF0600FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	64.6		PERCENT	Y
SD2014-REF-06	898302.826	625908.181	SD14REF0600FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0387	U	MG/KG	N
SD2014-REF-06	898302.826	625908.181	SD14REF0600FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00774	U	MG/KG	N
SD2014-REF-06	898302.826	625908.181	SD14REF0600FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0232	U	MG/KG	N
SD2014-REF-06	898302.826	625908.181	SD14REF0600FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0155	U	MG/KG	N
SD2014-REF-06	898302.826	625908.181	SD14REF0600FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00774	U	MG/KG	N
SD2014-REF-06	898302.826	625908.181	SD14REF0600FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0387	U	MG/KG	N
SD2014-REF-06	898302.826	625908.181	SD14REF0600FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0232	U	MG/KG	N
SD2014-REF-06	898302.826	625908.181	SD14REF0600FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0155	U	MG/KG	N
SD2014-REF-06	898302.826	625908.181	SD14REF0600FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0155	U	MG/KG	N
SD2014-REF-06	898302.826	625908.181	SD14REF0600FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.09676	U	MG/KG	N
SD2014-REF-06	898302.826	625908.181	SD14REF0600FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00774	U	MG/KG	N
SD2014-REF-06	898302.826	625908.181	SD14REF0600FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0387	U	MG/KG	N
SD2014-REF-06	898302.826	625908.181	SD14REF0600FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0387	U	MG/KG	N
SD2014-REF-06	898302.826	625908.181	SD14REF0600FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0387	U	MG/KG	N
SD2014-REF-06	898302.826	625908.181	SD14REF0600FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0387	U	MG/KG	N
SD2014-REF-06	898302.826	625908.181	SD14REF0600FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0387	U	MG/KG	N
SD2014-REF-06	898302.826	625908.181	SD14REF0600FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0387	U	MG/KG	N
SD2014-REF-06	898302.826	625908.181	SD14REF0600FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0387	U	MG/KG	N
SD2014-REF-06	898302.826	625908.181	SD14REF0600FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0387	U	MG/KG	N
SD2014-REF-06	898302.826	625908.181	SD14REF0600FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0387	U	MG/KG	N
SD2014-REF-06	898302.826	625908.181	SD14REF0600FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0387	U	MG/KG	N
SD2014-REF-07	898282.556	626016.284	SD14REF0700FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	58.5		PERCENT	Y
SD2014-REF-07	898282.556	626016.284	SD14REF0700FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0427	U	MG/KG	N
SD2014-REF-07	898282.556	626016.284	SD14REF0700FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00855	U	MG/KG	N
SD2014-REF-07	898282.556	626016.284	SD14REF0700FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0256	U	MG/KG	N
SD2014-REF-07	898282.556	626016.284	SD14REF0700FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0171	U	MG/KG	N
SD2014-REF-07	898282.556	626016.284	SD14REF0700FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00855	U	MG/KG	N
SD2014-REF-07	898282.556	626016.284	SD14REF0700FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0427	U	MG/KG	N
SD2014-REF-07	898282.556	626016.284	SD14REF0700FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0256	U	MG/KG	N
SD2014-REF-07	898282.556	626016.284	SD14REF0700FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0171	U	MG/KG	N
SD2014-REF-07	898282.556	626016.284	SD14REF0700FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0171	U	MG/KG	N
SD2014-REF-07	898282.556	626016.284	SD14REF0700FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.106775	U	MG/KG	N
SD2014-REF-07	898282.556	626016.284	SD14REF0700FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00855	U	MG/KG	N
SD2014-REF-07	898282.556	626016.284	SD14REF0700FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0427	U	MG/KG	N
SD2014-REF-07	898282.556	626016.284	SD14REF0700FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0427	U	MG/KG	N
SD2014-REF-07	898282.556	626016.284	SD14REF0700FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0427	U	MG/KG	N
SD2014-REF-07	898282.556	626016.284	SD14REF0700FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0427	U	MG/KG	N
SD2014-REF-07	898282.556	626016.284	SD14REF0700FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0427	U	MG/KG	N
SD2014-REF-07	898282.556	626016.284	SD14REF0700FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0427	U	MG/KG	N
SD2014-REF-07	898282.556	626016.284	SD14REF0700FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0427	U	MG/KG	N
SD2014-REF-07	898282.556	626016.284	SD14REF0700FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0427	U	MG/KG	N
SD2014-REF-07	898282.556	626016.284	SD14REF0700FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0427	U	MG/KG	N
SD2014-REF-07	898282.556	626016.284	SD14REF0700FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0427	U	MG/KG	N
SD2014-REF-08	898233.009	626052.318	SD14REF0800FS	SED	FS	18-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	68.6		PERCENT	Y
SD2014-REF-08	898233.009	626052.318	SD14REF0800FS	SED	FS	18-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0364	U	MG/KG	N
SD2014-REF-08	898233.009	626052.318	SD14REF0800FS	SED	FS	18-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00729	U	MG/KG	N
SD2014-REF-08	898233.009	626052.318	SD14REF0800FS	SED	FS	18-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0219	U	MG/KG	N
SD2014-REF-08	898233.009	626052.318	SD14REF0800FS	SED	FS	18-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0146	U	MG/KG	N
SD2014-REF-08	898233.009	626052.318	SD14REF0800FS	SED	FS	18-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00729	U	MG/KG	N
SD2014-REF-08	898233.009	626052.318	SD14REF0800FS	SED	FS	18-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0364	U	MG/KG	N
SD2014-REF-08	898233.009	626052.318	SD14REF0800FS	SED	FS	18-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0219	U	MG/KG	N
SD2014-REF-08	898233.009	626052.318	SD14REF0800FS	SED	FS	18-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0146	U	MG/KG	N
SD2014-REF-08	898233.009	626052.318	SD14REF0800FS	SED	FS	18-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0146	U	MG/KG	N
SD2014-REF-08	898233.009	626052.318	SD14REF0800FS	SED	FS	18-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.091135	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-REF-08	898233.009	626052.318	SD14REF0800FS	SED	FS	18-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00729	U	MG/KG	N
SD2014-REF-09	898751.001	625493.788	SD14REF0900FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	64.1		PERCENT	Y
SD2014-REF-09	898751.001	625493.788	SD14REF0900FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.039	U	MG/KG	N
SD2014-REF-09	898751.001	625493.788	SD14REF0900FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.0078	U	MG/KG	N
SD2014-REF-09	898751.001	625493.788	SD14REF0900FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0234	U	MG/KG	N
SD2014-REF-09	898751.001	625493.788	SD14REF0900FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0156	U	MG/KG	N
SD2014-REF-09	898751.001	625493.788	SD14REF0900FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.0078	U	MG/KG	N
SD2014-REF-09	898751.001	625493.788	SD14REF0900FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.039	U	MG/KG	N
SD2014-REF-09	898751.001	625493.788	SD14REF0900FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0234	U	MG/KG	N
SD2014-REF-09	898751.001	625493.788	SD14REF0900FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0156	U	MG/KG	N
SD2014-REF-09	898751.001	625493.788	SD14REF0900FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0156	U	MG/KG	N
SD2014-REF-09	898751.001	625493.788	SD14REF0900FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.0975	U	MG/KG	N
SD2014-REF-09	898751.001	625493.788	SD14REF0900FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0078	U	MG/KG	N
SD2014-REF-09	898751.001	625493.788	SD14REF0900FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.039	U	MG/KG	N
SD2014-REF-09	898751.001	625493.788	SD14REF0900FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.039	U	MG/KG	N
SD2014-REF-09	898751.001	625493.788	SD14REF0900FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.039	U	MG/KG	N
SD2014-REF-09	898751.001	625493.788	SD14REF0900FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.039	U	MG/KG	N
SD2014-REF-09	898751.001	625493.788	SD14REF0900FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.039	U	MG/KG	N
SD2014-REF-09	898751.001	625493.788	SD14REF0900FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.039	U	MG/KG	N
SD2014-REF-09	898751.001	625493.788	SD14REF0900FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.039	U	MG/KG	N
SD2014-REF-09	898751.001	625493.788	SD14REF0900FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.039	U	MG/KG	N
SD2014-REF-09	898751.001	625493.788	SD14REF0900FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.039	U	MG/KG	N
SD2014-REF-09	898751.001	625493.788	SD14REF0900FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.039	U	MG/KG	N
SD2014-REF-10	898809.557	625421.719	SD14REF1000FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	69.7		PERCENT	Y
SD2014-REF-10	898809.557	625421.719	SD14REF1000FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0359	U	MG/KG	N
SD2014-REF-10	898809.557	625421.719	SD14REF1000FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00717	U	MG/KG	N
SD2014-REF-10	898809.557	625421.719	SD14REF1000FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0215	U	MG/KG	N
SD2014-REF-10	898809.557	625421.719	SD14REF1000FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0143	U	MG/KG	N
SD2014-REF-10	898809.557	625421.719	SD14REF1000FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00717	U	MG/KG	N
SD2014-REF-10	898809.557	625421.719	SD14REF1000FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0359	U	MG/KG	N
SD2014-REF-10	898809.557	625421.719	SD14REF1000FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0215	U	MG/KG	N
SD2014-REF-10	898809.557	625421.719	SD14REF1000FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0143	U	MG/KG	N
SD2014-REF-10	898809.557	625421.719	SD14REF1000FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0143	U	MG/KG	N
SD2014-REF-10	898809.557	625421.719	SD14REF1000FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.089605	U	MG/KG	N
SD2014-REF-10	898809.557	625421.719	SD14REF1000FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00717	U	MG/KG	N
SD2014-REF-10	898809.557	625421.719	SD14REF1000FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0359	U	MG/KG	N
SD2014-REF-10	898809.557	625421.719	SD14REF1000FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0359	U	MG/KG	N
SD2014-REF-10	898809.557	625421.719	SD14REF1000FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0359	U	MG/KG	N
SD2014-REF-10	898809.557	625421.719	SD14REF1000FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0359	U	MG/KG	N
SD2014-REF-10	898809.557	625421.719	SD14REF1000FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0359	U	MG/KG	N
SD2014-REF-10	898809.557	625421.719	SD14REF1000FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0359	U	MG/KG	N
SD2014-REF-10	898809.557	625421.719	SD14REF1000FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0359	U	MG/KG	N
SD2014-REF-10	898809.557	625421.719	SD14REF1000FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0359	U	MG/KG	N
SD2014-REF-10	898809.557	625421.719	SD14REF1000FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0359	U	MG/KG	N
SD2014-REF-10	898809.557	625421.719	SD14REF1000FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0359	U	MG/KG	N
SD2014-REF-11	899160.1	625169.5	SD14REF1100FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	57.6		PERCENT	Y
SD2014-REF-11	899160.1	625169.5	SD14REF1100FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0434	U	MG/KG	N
SD2014-REF-11	899160.1	625169.5	SD14REF1100FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00869	U	MG/KG	N
SD2014-REF-11	899160.1	625169.5	SD14REF1100FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0261	U	MG/KG	N
SD2014-REF-11	899160.1	625169.5	SD14REF1100FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0174	U	MG/KG	N
SD2014-REF-11	899160.1	625169.5	SD14REF1100FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00869	U	MG/KG	N
SD2014-REF-11	899160.1	625169.5	SD14REF1100FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0434	U	MG/KG	N
SD2014-REF-11	899160.1	625169.5	SD14REF1100FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0261	U	MG/KG	N
SD2014-REF-11	899160.1	625169.5	SD14REF1100FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0174	U	MG/KG	N
SD2014-REF-11	899160.1	625169.5	SD14REF1100FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0174	U	MG/KG	N
SD2014-REF-11	899160.1	625169.5	SD14REF1100FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.108635	U	MG/KG	N
SD2014-REF-11	899160.1	625169.5	SD14REF1100FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00869	U	MG/KG	N
SD2014-REF-11	899160.1	625169.5	SD14REF1100FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0434	UJ	MG/KG	N
SD2014-REF-11	899160.1	625169.5	SD14REF1100FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0434	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-REF-11	899160.1	625169.5	SD14REF1100FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0434	UJ	MG/KG	N
SD2014-REF-11	899160.1	625169.5	SD14REF1100FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0434	UJ	MG/KG	N
SD2014-REF-11	899160.1	625169.5	SD14REF1100FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0434	UJ	MG/KG	N
SD2014-REF-11	899160.1	625169.5	SD14REF1100FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0434	UJ	MG/KG	N
SD2014-REF-11	899160.1	625169.5	SD14REF1100FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0434	UJ	MG/KG	N
SD2014-REF-11	899160.1	625169.5	SD14REF1100FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0434	UJ	MG/KG	N
SD2014-REF-11	899160.1	625169.5	SD14REF1100FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0434	UJ	MG/KG	N
SD2014-REF-11	899160.1	625169.5	SD14REF1100FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0434	UJ	MG/KG	N
SD2014-REF-15	898362.293	626278.563	SD14REF1500FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	58.3		PERCENT	Y
SD2014-REF-15	898362.293	626278.563	SD14REF1500FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0429	U	MG/KG	N
SD2014-REF-15	898362.293	626278.563	SD14REF1500FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00857	U	MG/KG	N
SD2014-REF-15	898362.293	626278.563	SD14REF1500FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0257	U	MG/KG	N
SD2014-REF-15	898362.293	626278.563	SD14REF1500FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0171	U	MG/KG	N
SD2014-REF-15	898362.293	626278.563	SD14REF1500FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00857	U	MG/KG	N
SD2014-REF-15	898362.293	626278.563	SD14REF1500FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0429	U	MG/KG	N
SD2014-REF-15	898362.293	626278.563	SD14REF1500FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0257	U	MG/KG	N
SD2014-REF-15	898362.293	626278.563	SD14REF1500FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0171	U	MG/KG	N
SD2014-REF-15	898362.293	626278.563	SD14REF1500FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0171	U	MG/KG	N
SD2014-REF-15	898362.293	626278.563	SD14REF1500FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.107105	U	MG/KG	N
SD2014-REF-15	898362.293	626278.563	SD14REF1500FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00857	U	MG/KG	N
SD2014-REF-15	898362.293	626278.563	SD14REF1500FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0429	U	MG/KG	N
SD2014-REF-15	898362.293	626278.563	SD14REF1500FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0429	U	MG/KG	N
SD2014-REF-15	898362.293	626278.563	SD14REF1500FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0429	U	MG/KG	N
SD2014-REF-15	898362.293	626278.563	SD14REF1500FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0429	U	MG/KG	N
SD2014-REF-15	898362.293	626278.563	SD14REF1500FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0429	U	MG/KG	N
SD2014-REF-15	898362.293	626278.563	SD14REF1500FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0429	U	MG/KG	N
SD2014-REF-15	898362.293	626278.563	SD14REF1500FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0429	U	MG/KG	N
SD2014-REF-15	898362.293	626278.563	SD14REF1500FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0429	U	MG/KG	N
SD2014-REF-15	898362.293	626278.563	SD14REF1500FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0429	U	MG/KG	N
SD2014-REF-15	898362.293	626278.563	SD14REF1500FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0429	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	53.7		PERCENT	Y
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0466	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00931	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0279	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0186	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00931	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0466	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0279	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0186	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0186	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.116365	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00931	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	21800		MG/KG	Y
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.86	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	4.5		MG/KG	Y
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	0.931	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	48.5		MG/KG	Y
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-50-8	Copper	143		MG/KG	Y
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.238600131		NA	Y
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW6020	7439-92-1	Lead	31.3		MG/KG	Y
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	239		MG/KG	Y
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	19.2		MG/KG	Y
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.86	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.86	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.86	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	151		MG/KG	Y
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0615	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0466	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiiisopropylether	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.466	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.466	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.466	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.466	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.931	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.466	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.466	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.466	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.466	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.931	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.466	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	R		MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.466	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.466	UJ	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.466	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.466	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270	110-86-1	Pyridine	R		MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0186	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.0196		MG/KG	Y
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.0214		MG/KG	Y
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.0652		MG/KG	Y
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.0736		MG/KG	Y
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.0633	J	MG/KG	Y
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.0456		MG/KG	Y
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.068		MG/KG	Y
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.0689		MG/KG	Y
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0186	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.0931		MG/KG	Y
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0186	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.0419		MG/KG	Y
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.0186	U	MG/KG	N
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.0345		MG/KG	Y
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.105		MG/KG	Y
SD2014-REF-17	898255.2	626344.5	SD14REF1700FS	SED	FS	17-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.931	UJ	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	78.2		PERCENT	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.032	U	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00639	U	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0192	U	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0128	U	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00639	U	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.032	U	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0192	U	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0128	U	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0128	U	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.079985	U	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00639	U	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	6940		MG/KG	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.28	U	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	2.02		MG/KG	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	0.639	U	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	22.3		MG/KG	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-50-8	Copper	105		MG/KG	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.182426724		NA	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW6020	7439-92-1	Lead	80.9		MG/KG	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	130		MG/KG	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	10		MG/KG	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.28	U	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.28	U	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.28	U	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	86.2		MG/KG	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0422	U	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.066	J	MG/KG	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.032	UJ	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.032	UJ	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.032	UJ	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.032	UJ	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.032	UJ	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.032	UJ	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.032	UJ	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.032	UJ	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.066	J	MG/KG	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene		R	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene		R	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene		R	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	62-53-3	Aniline	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	108-95-2	Phenol	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270	110-86-1	Pyridine	R	MG/KG	N	
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0128	U	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.0371		MG/KG	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.0511		MG/KG	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.144		MG/KG	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.176		MG/KG	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.085	J	MG/KG	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.0985		MG/KG	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.143		MG/KG	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.144		MG/KG	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0403		MG/KG	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.203		MG/KG	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0134		MG/KG	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.0876		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.0128	U	MG/KG	N
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.0671		MG/KG	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.232		MG/KG	Y
SD2014-REF-18	898292.3	626042.1	SD14REF1800FS	SED	FS	17-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.639	UJ	MG/KG	N
SD2014-REF-19	899545.5	624935.7	SD14REF1900FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	55.7		PERCENT	Y
SD2014-REF-19	899545.5	624935.7	SD14REF1900FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0449	U	MG/KG	N
SD2014-REF-19	899545.5	624935.7	SD14REF1900FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00898	U	MG/KG	N
SD2014-REF-19	899545.5	624935.7	SD14REF1900FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0269	U	MG/KG	N
SD2014-REF-19	899545.5	624935.7	SD14REF1900FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.018	U	MG/KG	N
SD2014-REF-19	899545.5	624935.7	SD14REF1900FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00898	U	MG/KG	N
SD2014-REF-19	899545.5	624935.7	SD14REF1900FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0449	U	MG/KG	N
SD2014-REF-19	899545.5	624935.7	SD14REF1900FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0269	U	MG/KG	N
SD2014-REF-19	899545.5	624935.7	SD14REF1900FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.018	U	MG/KG	N
SD2014-REF-19	899545.5	624935.7	SD14REF1900FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.018	U	MG/KG	N
SD2014-REF-19	899545.5	624935.7	SD14REF1900FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.11227	U	MG/KG	N
SD2014-REF-19	899545.5	624935.7	SD14REF1900FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00898	U	MG/KG	N
SD2014-REF-19	899545.5	624935.7	SD14REF1900FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0449	U	MG/KG	N
SD2014-REF-19	899545.5	624935.7	SD14REF1900FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0449	U	MG/KG	N
SD2014-REF-19	899545.5	624935.7	SD14REF1900FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0449	U	MG/KG	N
SD2014-REF-19	899545.5	624935.7	SD14REF1900FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0449	U	MG/KG	N
SD2014-REF-19	899545.5	624935.7	SD14REF1900FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0449	U	MG/KG	N
SD2014-REF-19	899545.5	624935.7	SD14REF1900FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0449	U	MG/KG	N
SD2014-REF-19	899545.5	624935.7	SD14REF1900FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0449	U	MG/KG	N
SD2014-REF-19	899545.5	624935.7	SD14REF1900FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0449	U	MG/KG	N
SD2014-REF-19	899545.5	624935.7	SD14REF1900FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0449	U	MG/KG	N
SD2014-REF-19	899545.5	624935.7	SD14REF1900FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0449	U	MG/KG	N
SD2014-REF-21	899660.5	624920.4	SD14REF2100FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	63.1		PERCENT	Y
SD2014-REF-21	899660.5	624920.4	SD14REF2100FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0396	U	MG/KG	N
SD2014-REF-21	899660.5	624920.4	SD14REF2100FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00792	U	MG/KG	N
SD2014-REF-21	899660.5	624920.4	SD14REF2100FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0238	U	MG/KG	N
SD2014-REF-21	899660.5	624920.4	SD14REF2100FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0158	U	MG/KG	N
SD2014-REF-21	899660.5	624920.4	SD14REF2100FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00792	U	MG/KG	N
SD2014-REF-21	899660.5	624920.4	SD14REF2100FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0396	U	MG/KG	N
SD2014-REF-21	899660.5	624920.4	SD14REF2100FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0238	U	MG/KG	N
SD2014-REF-21	899660.5	624920.4	SD14REF2100FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0158	U	MG/KG	N
SD2014-REF-21	899660.5	624920.4	SD14REF2100FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0158	U	MG/KG	N
SD2014-REF-21	899660.5	624920.4	SD14REF2100FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.09898	U	MG/KG	N
SD2014-REF-21	899660.5	624920.4	SD14REF2100FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00792	U	MG/KG	N
SD2014-REF-21	899660.5	624920.4	SD14REF2100FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0396	U	MG/KG	N
SD2014-REF-21	899660.5	624920.4	SD14REF2100FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0396	U	MG/KG	N
SD2014-REF-21	899660.5	624920.4	SD14REF2100FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0396	U	MG/KG	N
SD2014-REF-21	899660.5	624920.4	SD14REF2100FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0396	U	MG/KG	N
SD2014-REF-21	899660.5	624920.4	SD14REF2100FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0396	U	MG/KG	N
SD2014-REF-21	899660.5	624920.4	SD14REF2100FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0396	U	MG/KG	N
SD2014-REF-21	899660.5	624920.4	SD14REF2100FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0396	U	MG/KG	N
SD2014-REF-21	899660.5	624920.4	SD14REF2100FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0396	U	MG/KG	N
SD2014-REF-21	899660.5	624920.4	SD14REF2100FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0396	U	MG/KG	N
SD2014-REF-21	899660.5	624920.4	SD14REF2100FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0396	U	MG/KG	N
SD2014-REF-23	899441.994	625079.483	SD14REF2300FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	65.6		PERCENT	Y
SD2014-REF-23	899441.994	625079.483	SD14REF2300FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0381	U	MG/KG	N
SD2014-REF-23	899441.994	625079.483	SD14REF2300FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00762	U	MG/KG	N
SD2014-REF-23	899441.994	625079.483	SD14REF2300FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0229	U	MG/KG	N
SD2014-REF-23	899441.994	625079.483	SD14REF2300FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0152	U	MG/KG	N
SD2014-REF-23	899441.994	625079.483	SD14REF2300FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00762	U	MG/KG	N
SD2014-REF-23	899441.994	625079.483	SD14REF2300FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0381	U	MG/KG	N
SD2014-REF-23	899441.994	625079.483	SD14REF2300FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0229	U	MG/KG	N
SD2014-REF-23	899441.994	625079.483	SD14REF2300FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0152	U	MG/KG	N
SD2014-REF-23	899441.994	625079.483	SD14REF2300FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0152	U	MG/KG	N
SD2014-REF-23	899441.994	625079.483	SD14REF2300FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.09523	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-REF-23	899441.994	625079.483	SD14REF2300FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00762	U	MG/KG	N
SD2014-REF-23	899441.994	625079.483	SD14REF2300FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0381	UJ	MG/KG	N
SD2014-REF-23	899441.994	625079.483	SD14REF2300FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0381	UJ	MG/KG	N
SD2014-REF-23	899441.994	625079.483	SD14REF2300FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0381	UJ	MG/KG	N
SD2014-REF-23	899441.994	625079.483	SD14REF2300FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0381	UJ	MG/KG	N
SD2014-REF-23	899441.994	625079.483	SD14REF2300FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0381	UJ	MG/KG	N
SD2014-REF-23	899441.994	625079.483	SD14REF2300FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0381	UJ	MG/KG	N
SD2014-REF-23	899441.994	625079.483	SD14REF2300FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0381	UJ	MG/KG	N
SD2014-REF-23	899441.994	625079.483	SD14REF2300FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0381	UJ	MG/KG	N
SD2014-REF-23	899441.994	625079.483	SD14REF2300FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0381	UJ	MG/KG	N
SD2014-REF-23	899441.994	625079.483	SD14REF2300FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0381	UJ	MG/KG	N
SD2014-REF-25	899178.2	625233.3	SD14REF2500FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	45.6		PERCENT	Y
SD2014-REF-25	899178.2	625233.3	SD14REF2500FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0548	U	MG/KG	N
SD2014-REF-25	899178.2	625233.3	SD14REF2500FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.011	U	MG/KG	N
SD2014-REF-25	899178.2	625233.3	SD14REF2500FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0329	U	MG/KG	N
SD2014-REF-25	899178.2	625233.3	SD14REF2500FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0219	U	MG/KG	N
SD2014-REF-25	899178.2	625233.3	SD14REF2500FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.011	U	MG/KG	N
SD2014-REF-25	899178.2	625233.3	SD14REF2500FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0548	U	MG/KG	N
SD2014-REF-25	899178.2	625233.3	SD14REF2500FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0329	U	MG/KG	N
SD2014-REF-25	899178.2	625233.3	SD14REF2500FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0219	U	MG/KG	N
SD2014-REF-25	899178.2	625233.3	SD14REF2500FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0219	U	MG/KG	N
SD2014-REF-25	899178.2	625233.3	SD14REF2500FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.13705	U	MG/KG	N
SD2014-REF-25	899178.2	625233.3	SD14REF2500FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.011	U	MG/KG	N
SD2014-REF-25	899178.2	625233.3	SD14REF2500FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0548	U	MG/KG	N
SD2014-REF-25	899178.2	625233.3	SD14REF2500FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0548	U	MG/KG	N
SD2014-REF-25	899178.2	625233.3	SD14REF2500FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0548	U	MG/KG	N
SD2014-REF-25	899178.2	625233.3	SD14REF2500FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0548	U	MG/KG	N
SD2014-REF-25	899178.2	625233.3	SD14REF2500FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0548	U	MG/KG	N
SD2014-REF-25	899178.2	625233.3	SD14REF2500FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0548	U	MG/KG	N
SD2014-REF-25	899178.2	625233.3	SD14REF2500FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0548	U	MG/KG	N
SD2014-REF-25	899178.2	625233.3	SD14REF2500FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0548	U	MG/KG	N
SD2014-REF-25	899178.2	625233.3	SD14REF2500FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0548	U	MG/KG	N
SD2014-REF-25	899178.2	625233.3	SD14REF2500FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0548	U	MG/KG	N
SD2014-REF-26	898577.6	626157.4	SD14REF2600FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	50.7		PERCENT	Y
SD2014-REF-26	898577.6	626157.4	SD14REF2600FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0493	U	MG/KG	N
SD2014-REF-26	898577.6	626157.4	SD14REF2600FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00986	U	MG/KG	N
SD2014-REF-26	898577.6	626157.4	SD14REF2600FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0296	U	MG/KG	N
SD2014-REF-26	898577.6	626157.4	SD14REF2600FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0197	U	MG/KG	N
SD2014-REF-26	898577.6	626157.4	SD14REF2600FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00986	U	MG/KG	N
SD2014-REF-26	898577.6	626157.4	SD14REF2600FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0493	U	MG/KG	N
SD2014-REF-26	898577.6	626157.4	SD14REF2600FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0296	U	MG/KG	N
SD2014-REF-26	898577.6	626157.4	SD14REF2600FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0197	U	MG/KG	N
SD2014-REF-26	898577.6	626157.4	SD14REF2600FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0197	U	MG/KG	N
SD2014-REF-26	898577.6	626157.4	SD14REF2600FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.12324	U	MG/KG	N
SD2014-REF-26	898577.6	626157.4	SD14REF2600FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00986	U	MG/KG	N
SD2014-REF-26	898577.6	626157.4	SD14REF2600FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0493	U	MG/KG	N
SD2014-REF-26	898577.6	626157.4	SD14REF2600FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0493	U	MG/KG	N
SD2014-REF-26	898577.6	626157.4	SD14REF2600FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0493	U	MG/KG	N
SD2014-REF-26	898577.6	626157.4	SD14REF2600FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0493	U	MG/KG	N
SD2014-REF-26	898577.6	626157.4	SD14REF2600FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0493	U	MG/KG	N
SD2014-REF-26	898577.6	626157.4	SD14REF2600FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0493	U	MG/KG	N
SD2014-REF-26	898577.6	626157.4	SD14REF2600FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0493	U	MG/KG	N
SD2014-REF-26	898577.6	626157.4	SD14REF2600FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0493	U	MG/KG	N
SD2014-REF-26	898577.6	626157.4	SD14REF2600FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0493	U	MG/KG	N
SD2014-REF-26	898577.6	626157.4	SD14REF2600FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0493	U	MG/KG	N
SD2014-REF-29	898871.8	625682.3	SD14REF2900FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	61.4		PERCENT	Y
SD2014-REF-29	898871.8	625682.3	SD14REF2900FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0407	U	MG/KG	N
SD2014-REF-29	898871.8	625682.3	SD14REF2900FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00814	U	MG/KG	N
SD2014-REF-29	898871.8	625682.3	SD14REF2900FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0244	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-REF-29	898871.8	625682.3	SD14REF2900FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0163	U	MG/KG	N
SD2014-REF-29	898871.8	625682.3	SD14REF2900FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00814	U	MG/KG	N
SD2014-REF-29	898871.8	625682.3	SD14REF2900FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0407	U	MG/KG	N
SD2014-REF-29	898871.8	625682.3	SD14REF2900FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0244	U	MG/KG	N
SD2014-REF-29	898871.8	625682.3	SD14REF2900FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0163	U	MG/KG	N
SD2014-REF-29	898871.8	625682.3	SD14REF2900FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0163	U	MG/KG	N
SD2014-REF-29	898871.8	625682.3	SD14REF2900FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.10176	U	MG/KG	N
SD2014-REF-29	898871.8	625682.3	SD14REF2900FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00814	U	MG/KG	N
SD2014-REF-29	898871.8	625682.3	SD14REF2900FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0407	U	MG/KG	N
SD2014-REF-29	898871.8	625682.3	SD14REF2900FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0407	U	MG/KG	N
SD2014-REF-29	898871.8	625682.3	SD14REF2900FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0407	U	MG/KG	N
SD2014-REF-29	898871.8	625682.3	SD14REF2900FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0407	U	MG/KG	N
SD2014-REF-29	898871.8	625682.3	SD14REF2900FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0407	U	MG/KG	N
SD2014-REF-29	898871.8	625682.3	SD14REF2900FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0407	U	MG/KG	N
SD2014-REF-29	898871.8	625682.3	SD14REF2900FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0407	U	MG/KG	N
SD2014-REF-29	898871.8	625682.3	SD14REF2900FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0407	U	MG/KG	N
SD2014-REF-29	898871.8	625682.3	SD14REF2900FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0407	U	MG/KG	N
SD2014-REF-29	898871.8	625682.3	SD14REF2900FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0407	U	MG/KG	N
SD2014-REF-U2	898755.5	625191.7	SD14REFU200FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	66.8		PERCENT	Y
SD2014-REF-U2	898755.5	625191.7	SD14REFU200FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0374	U	MG/KG	N
SD2014-REF-U2	898755.5	625191.7	SD14REFU200FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00748	U	MG/KG	N
SD2014-REF-U2	898755.5	625191.7	SD14REFU200FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0225	U	MG/KG	N
SD2014-REF-U2	898755.5	625191.7	SD14REFU200FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.015	U	MG/KG	N
SD2014-REF-U2	898755.5	625191.7	SD14REFU200FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00748	U	MG/KG	N
SD2014-REF-U2	898755.5	625191.7	SD14REFU200FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0374	U	MG/KG	N
SD2014-REF-U2	898755.5	625191.7	SD14REFU200FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0225	U	MG/KG	N
SD2014-REF-U2	898755.5	625191.7	SD14REFU200FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.015	U	MG/KG	N
SD2014-REF-U2	898755.5	625191.7	SD14REFU200FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.015	U	MG/KG	N
SD2014-REF-U2	898755.5	625191.7	SD14REFU200FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.09362	U	MG/KG	N
SD2014-REF-U2	898755.5	625191.7	SD14REFU200FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00748	U	MG/KG	N
SD2014-REF-U2	898755.5	625191.7	SD14REFU200FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0374	U	MG/KG	N
SD2014-REF-U2	898755.5	625191.7	SD14REFU200FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0374	U	MG/KG	N
SD2014-REF-U2	898755.5	625191.7	SD14REFU200FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0374	U	MG/KG	N
SD2014-REF-U2	898755.5	625191.7	SD14REFU200FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0374	U	MG/KG	N
SD2014-REF-U2	898755.5	625191.7	SD14REFU200FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0374	U	MG/KG	N
SD2014-REF-U2	898755.5	625191.7	SD14REFU200FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0374	U	MG/KG	N
SD2014-REF-U2	898755.5	625191.7	SD14REFU200FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0374	U	MG/KG	N
SD2014-REF-U2	898755.5	625191.7	SD14REFU200FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0374	U	MG/KG	N
SD2014-REF-U2	898755.5	625191.7	SD14REFU200FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0374	U	MG/KG	N
SD2014-REF-U2	898755.5	625191.7	SD14REFU200FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0374	U	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	74.4		PERCENT	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0336	U	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00672	U	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0202	U	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0134	U	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00672	U	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0336	U	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0202	U	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0134	U	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0134	U	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.08398	U	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00672	U	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	8230		MG/KG	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.34	U	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	2.84		MG/KG	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	0.672	U	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	37.3		MG/KG	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-50-8	Copper	104		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.167163063	NA	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW6020	7439-92-1	Lead	18.8	MG/KG	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	159	MG/KG	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	13.8	MG/KG	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.34	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.34	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.34	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	98.8	MG/KG	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0443	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.114	MG/KG	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0336	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0336	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0336	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0336	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0336	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0336	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0336	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0336	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.114	MG/KG	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	62-53-3	Aniline		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	86-74-8	Carbazole		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene		MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	78-59-1	Isophorone		R	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine		R	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine		R	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene		R	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene		R	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol		R	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	108-95-2	Phenol		R	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0134	U	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.0369		MG/KG	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.0638		MG/KG	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.149		MG/KG	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.18		MG/KG	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.0907	J	MG/KG	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.094		MG/KG	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.15		MG/KG	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.16		MG/KG	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0437		MG/KG	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.272		MG/KG	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0148		MG/KG	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.09		MG/KG	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.0134	U	MG/KG	N
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.108		MG/KG	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.237		MG/KG	Y
SD2014-REF-	898907.7	625817.6	SD14REFUS100FS	SED	FS	17-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.672	UJ	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	84.5		PERCENT	Y
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00592	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0178	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0118	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00592	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0178	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0118	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0118	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.07398	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00592	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	1770		MG/KG	Y
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.18	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	1.18	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	0.592	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	9.56		MG/KG	Y
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-50-8	Copper	33.6		MG/KG	Y
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.067962724		NA	Y
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW6020	7439-92-1	Lead	6.19		MG/KG	Y
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	59.3		MG/KG	Y
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	4.34		MG/KG	Y
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.18	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.18	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.18	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	33.7		MG/KG	Y
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0391	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0296	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.296	UJ	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.296	UJ	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.592	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.592	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline		R	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.296	UJ	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.296	UJ	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.296	UJ	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.296	UJ	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	0.296	UJ	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.296	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0118	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.0118	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.029		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.0521		MG/KG	Y
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.0539		MG/KG	Y
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.0468	J	MG/KG	Y
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.0308		MG/KG	Y
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.0598		MG/KG	Y
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.0521		MG/KG	Y
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0148		MG/KG	Y
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.119		MG/KG	Y
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0118	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.0296		MG/KG	Y
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.0118	U	MG/KG	N
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.0693		MG/KG	Y
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.0971		MG/KG	Y
SD2014-REF-	898909.4	626222.4	SD14REFUS200FS	SED	FS	17-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.592	UJ	MG/KG	N
SD2014-REF-	899212.8	625613.9	SD14REFUS300FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	62.7		PERCENT	Y
SD2014-REF-	899212.8	625613.9	SD14REFUS300FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0399	U	MG/KG	N
SD2014-REF-	899212.8	625613.9	SD14REFUS300FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00798	U	MG/KG	N
SD2014-REF-	899212.8	625613.9	SD14REFUS300FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0239	U	MG/KG	N
SD2014-REF-	899212.8	625613.9	SD14REFUS300FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.016	U	MG/KG	N
SD2014-REF-	899212.8	625613.9	SD14REFUS300FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00798	U	MG/KG	N
SD2014-REF-	899212.8	625613.9	SD14REFUS300FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0399	U	MG/KG	N
SD2014-REF-	899212.8	625613.9	SD14REFUS300FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0239	U	MG/KG	N
SD2014-REF-	899212.8	625613.9	SD14REFUS300FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.016	U	MG/KG	N
SD2014-REF-	899212.8	625613.9	SD14REFUS300FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.016	U	MG/KG	N
SD2014-REF-	899212.8	625613.9	SD14REFUS300FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.09977	U	MG/KG	N
SD2014-REF-	899212.8	625613.9	SD14REFUS300FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00798	U	MG/KG	N
SD2014-REF-	899212.8	625613.9	SD14REFUS300FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0399	U	MG/KG	N
SD2014-REF-	899212.8	625613.9	SD14REFUS300FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0399	U	MG/KG	N
SD2014-REF-	899212.8	625613.9	SD14REFUS300FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0399	U	MG/KG	N
SD2014-REF-	899212.8	625613.9	SD14REFUS300FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0399	U	MG/KG	N
SD2014-REF-	899212.8	625613.9	SD14REFUS300FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0399	U	MG/KG	N
SD2014-REF-	899212.8	625613.9	SD14REFUS300FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0399	U	MG/KG	N
SD2014-REF-	899212.8	625613.9	SD14REFUS300FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0399	U	MG/KG	N
SD2014-REF-	899212.8	625613.9	SD14REFUS300FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0399	U	MG/KG	N
SD2014-REF-	899212.8	625613.9	SD14REFUS300FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0399	U	MG/KG	N
SD2014-REF-	899212.8	625613.9	SD14REFUS300FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0399	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	68.9		PERCENT	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00726	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0218	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0145	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00726	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0218	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0145	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0145	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.09074	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00726	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	19700		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.45	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	5.82		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.8		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	227		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-50-8	Copper	440		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.531256741		NA	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW6020	7439-92-1	Lead	47.5		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	233		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	26.5		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.45	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.94		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.45	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	197		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0479	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.363	UJ	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.363	UJ	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol		R	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.363	UJ	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.726	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.363	UJ	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.363	UJ	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.363	UJ	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.363	UJ	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.363	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.363	UJ	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol		R	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.363	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0363	UJ	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.0762	J	MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.116		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.319		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.361		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.183		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.243		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.368		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.372		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.107		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.643		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0454		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.214		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.314		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.619		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA100FS	SED	FS	28-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.726	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	A209F	HLA0046	Percent Solids	50.8		PERCENT	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0492	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00985	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0295	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0197	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00985	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0492	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0295	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0197	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0197	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.123025	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00985	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	29100	J	MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.97	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW6020	7440-38-2	Arsenic	7.81		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW6020	7440-43-9	Cadmium	1.1		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW6020	7440-47-3	Chromium	407		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW6020	7440-50-8	Copper	1550		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	1.18726059		NA	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW6020	7439-92-1	Lead	165		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW6020	7439-96-5	Manganese	241		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW6020	7440-02-0	Nickel	31		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.97	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW6020	7440-22-4	Silver	1.97	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.97	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW6020	7440-66-6	Zinc	331	J	MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0492	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0492	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0492	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0492	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0492	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0492	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0492	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0492	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0492	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0492	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.987	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.987	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0197	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0326		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0197	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.076		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.076		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.146		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0573		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0701		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.119		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0227		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.11		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0197	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.494	UJ	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0494		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0197	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0454		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.136		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.494	U	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA101FS	SED	FS	28-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.985	UJ	MG/KG	N
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.98		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	21.6		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	12.5		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.108798753		NA	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	6.61		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	16.1		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	61.8		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA103FS	SED	FS	06-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	UJ	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	UJ	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	UJ	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	UJ	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.52		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-47-3	Chromium	20.5		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-50-8	Copper	12.1		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.10546448		NA	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7439-92-1	Lead	5.65	J	MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-02-0	Nickel	15.5		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-66-6	Zinc	56.1		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA105FS	SED	FS	06-Apr-15	5	6	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.66		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-47-3	Chromium	24.2		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-50-8	Copper	14		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.120397597		NA	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7439-92-1	Lead	6.58		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-02-0	Nickel	18.7		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-66-6	Zinc	70.1		MG/KG	Y
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-TF-A1	896539.235	624149.393	SD14TFA107FS	SED	FS	06-Apr-15	7	8	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	69.9		PERCENT	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0358	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00716	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0215	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0329	U	MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00716	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0358	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0215	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0322	U	MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0143	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.14029	U	MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00716	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	36300		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.43	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	9.52		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	5.19		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	388	MG/KG	Y	
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-50-8	Copper	713	MG/KG	Y	
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.940672984	NA	Y	
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW6020	7439-92-1	Lead	84	MG/KG	Y	
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	382	MG/KG	Y	
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	36.9	MG/KG	Y	
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.77	MG/KG	Y	
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-22-4	Silver	3.9	MG/KG	Y	
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.43	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	412	MG/KG	Y	
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0472	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.358	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.358	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.358	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.358	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.716	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.358	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.358	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.358	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.358	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.716	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.358	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	R	MG/KG	N	
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.358	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS	22-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.358	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.358	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.358	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.358	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0143	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.0408		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.0587		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.162		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.15		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.0866	J	MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.0759		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.132		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.134		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0336		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.208		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0229		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.0694		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.0208		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.113		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.26		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA200FS	SED	FS		22-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.716	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	A209F	HLA0046	Percent Solids	37.7		PERCENT	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.0133	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0398	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0265	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.0133	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0398	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0265	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0265	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.1658	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.0133	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	36400	J	MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	SW6020	7440-36-0	Antimony	2.65	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	SW6020	7440-38-2	Arsenic	19.4		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	SW6020	7440-43-9	Cadmium	12.2		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	SW6020	7440-47-3	Chromium	1350		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	SW6020	7440-50-8	Copper	3290		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	2.897353017		NA	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	SW6020	7439-92-1	Lead	207		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	SW6020	7439-96-5	Manganese	696		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	SW6020	7440-02-0	Nickel	69.3		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	SW6020	7782-49-2	Selenium	2.65	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	SW6020	7440-22-4	Silver	2.65	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	SW6020	7440-28-0	Thallium	2.65	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	SW6020	7440-66-6	Zinc	1290		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0663	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0663	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0663	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS		22-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0663	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0663	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0663	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0663	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0663	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0663	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0663	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	1.33	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	1.33	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0994	U	MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0663	U	MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.239	U	MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.202	U	MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.272	U	MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0696	U	MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.179	U	MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.202	U	MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.371	U	MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.663	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0762		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.146		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.384		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.663	U	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA201FS	SED	FS	22-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	1.33	UJ	MG/KG	N
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0023	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0035	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0023	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.029	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0023	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.01	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.01	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.01	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.01	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.01	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	218-01-9	Chrysene	0.01	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	206-44-0	Fluoranthene	0.01	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	86-73-7	Fluorene	0.01	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.01	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	85-01-8	Phenanthrene	0.01	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	129-00-0	Pyrene	0.01	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0001	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0001	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0001	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0001	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0001	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0001	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0001	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0001	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0001	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.0001	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0001	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0001	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0001	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0001	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0001	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.0001	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.0001	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0001	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.0001	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0001	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0001	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.0001	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0001	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0001	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.6		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	22	J	MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	11.1		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.105104208		NA	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	7.24		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	16		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	53.2		MG/KG	Y
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.024	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.024	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.024	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.024	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.024	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.024	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.024	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.024	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.024	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.024	U	MG/KG	
SD2014-TF-A2	896614.907	624364.952	SD14TFA202FS	SED	FS	03-Apr-15	2	3	SW846 9060	HLA0011	Total Organic Carbon	6.8		PERCENT	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	99.1		PERCENT	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00505	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0151	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0101	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00505	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0151	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0101	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0101	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.0767		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0162		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	40300		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	5.19		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.6		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	177		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-50-8	Copper	637		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.56027144		NA	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-92-1	Lead	60.7		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	193		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	18.3		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.11		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	260		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0333	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0252	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0252	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0252	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0252	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0252	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0252	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0252	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0252	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0252	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0252	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.252	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.252	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.505	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.252	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.505	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.252	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.252	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.252	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.252	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.252	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.252	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0101	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.0192	J	MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.0273		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.0419		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.057		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.0384		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.0318		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.0621		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.0495		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0141		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.0742		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0101	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.0288		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.0116	J	MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.0338		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.0979		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA300FS	SED	FS	23-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.505	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	A209F	HLA0046	Percent Solids	49.8		PERCENT	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0502	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0301	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0201	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0502	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0301	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0201	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0201	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.12545	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	19400	J	MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW6020	7440-36-0	Antimony	2.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW6020	7440-38-2	Arsenic	6.85		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW6020	7440-43-9	Cadmium	1.13		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW6020	7440-47-3	Chromium	107		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW6020	7440-50-8	Copper	272		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.363151004		NA	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW6020	7439-92-1	Lead	29.5		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW6020	7439-96-5	Manganese	420		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW6020	7440-02-0	Nickel	27.6		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW6020	7782-49-2	Selenium	2.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW6020	7440-22-4	Silver	2.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW6020	7440-28-0	Thallium	2.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW6020	7440-66-6	Zinc	185		MG/KG	Y
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0502	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0502	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0502	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0502	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0502	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0502	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0502	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0502	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0502	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0502	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	1	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	1	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.501	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.501	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.501	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.501	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.01	UJ	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.01	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.501	U	MG/KG	N
SD2014-TF-A3	896714.32	624538.275	SD14TFA301FS	SED	FS	23-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	1	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	41.4		PERCENT	Y

2014-2015 Sediment Analytical Data

SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0603	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.0121	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0362	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0241	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.0121	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0603	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0362	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0241	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0241	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.1508	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0121	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	38200		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	2.41	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	11		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	2.91		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	349		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-50-8	Copper	1560		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	1.391780365		NA	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-92-1	Lead	166		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	439		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	45.8		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	2.41	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-22-4	Silver	2.83		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	2.41	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	631		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0796	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0603	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0603	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0603	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0603	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0603	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0603	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0603	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0603	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0603	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0603	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.603	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.603	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.603	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.603	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	1.21	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.603	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.603	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.603	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	1.21	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.603	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.603	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.603	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.603	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.603	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.603	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0241	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.0362	J	MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.0314		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.0784		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.111		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.0784		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.0603		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.0941		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.0905		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0265		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.122		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0241	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.0555		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.0483		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.151		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA400FS	SED	FS	23-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	1.21	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	A209F	HLA0046	Percent Solids	56.7		PERCENT	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0441	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00882	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0264	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0176	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00882	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0441	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0264	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0176	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0176	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.11013	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00882	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	17500	J	MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.76	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-38-2	Arsenic	5.41		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.882	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-47-3	Chromium	31.4		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-50-8	Copper	110		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.222285502		NA	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW6020	7439-92-1	Lead	27.4		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW6020	7439-96-5	Manganese	353		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-02-0	Nickel	24		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.76	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-22-4	Silver	1.76	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.76	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-66-6	Zinc	137		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0441	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0441	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0441	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0441	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0441	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0441	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0441	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0441	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0441	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0441	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.439	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.439	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.439	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.439	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.877	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.439	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.439	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.439	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.439	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.877	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.439	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.439	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.00877	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.00877	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.00877	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0162		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0167		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.00921		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0101		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0123		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.439	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0118		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.00877	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.0189		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.00877	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.00965		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.00877	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.439	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.00877	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.439	U	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.0237		MG/KG	Y
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.439	UJ	MG/KG	N
SD2014-TF-A4	896800.294	624722.03	SD14TFA401FS	SED	FS	23-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.882	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	41.1		PERCENT	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0609	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.0122	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0365	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0244	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.0122	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0609	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0365	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0244	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0244	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.1523	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0122	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	30000		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	2.44	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	8.54		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.6		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	196		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-50-8	Copper	562		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.725117277		NA	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-92-1	Lead	109		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	491		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	40.6		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	2.44	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-22-4	Silver	2.76		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	2.44	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	356		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0804	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0609	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0609	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0609	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0609	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0609	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0609	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0609	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0609	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0609	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0609	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiiisopropylether		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.609	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.609	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.609	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.609	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.609	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.609	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.609	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.609	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.609	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.609	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	62-53-3	Aniline		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.609	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.609	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.609	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.609	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.609	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.609	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.609	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.609	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.609	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	78-59-1	Isophorone		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.609	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.609	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.609	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.122	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.122	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.122	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.122	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.134	J	MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.122	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.122	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.134		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.164		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.122	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.201	J	MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.122	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.122	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.122	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.25		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA500FS	SED	FS	23-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	1.22	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	A209F	HLA0046	Percent Solids	59.9		PERCENT	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00835	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0251	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0167	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00835	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0251	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0167	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0167	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.104475	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00835	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	29800	J	MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.67	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW6020	7440-38-2	Arsenic	6.01		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW6020	7440-43-9	Cadmium	1.7		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW6020	7440-47-3	Chromium	224	J	MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW6020	7440-50-8	Copper	561	J	MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.691178429		NA	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW6020	7439-92-1	Lead	97.9		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW6020	7439-96-5	Manganese	353		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW6020	7440-02-0	Nickel	34.1		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.67	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW6020	7440-22-4	Silver	2.69		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.67	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW6020	7440-66-6	Zinc	306	J	MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0418	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0418	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0418	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0418	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0418	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0418	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0418	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0418	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0418	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0418	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.418	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.418	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0418	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.161		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.165		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.226	J	MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.1		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.142		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.123		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0459		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.28		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.1		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.418	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.192	J	MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.286		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.418	U	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA501FS	SED	FS	24-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.835	UJ	MG/KG	N
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	UJ	MG/KG	
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	UJ	MG/KG	
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.94		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	24.8	J	MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	51.9		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.145554271		NA	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	17.7		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.12		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	17.9		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	78.2		MG/KG	Y
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-TF-A5	896888.958	624901.794	SD14TFA502FS	SED	FS	06-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	48.7		PERCENT	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.0103	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0308	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0205	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.0103	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0308	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0205	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0205	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.1284	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0103	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	37600		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	2.05	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	9.61		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	3.36		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	406		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-50-8	Copper	1760		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	1.545291829		NA	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-92-1	Lead	177		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	357		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	46.5		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	2.05	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-22-4	Silver	2.12		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	2.05	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	809		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0678	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.514	UJ	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.514	UJ	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	1.03	UJ	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.514	UJ	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	1.03	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.514	UJ	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.514	UJ	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.514	UJ	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.514	UJ	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.514	UJ	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.514	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.514	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.257	UJ	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.257	UJ	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.257	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.591		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.488		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.372		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.308		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.475		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.501		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.257	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.655		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.257	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.27		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.257	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.848		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA600FS	SED	FS	23-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	1.03	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	A209F	HLA0046	Percent Solids	60.2		PERCENT	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0415	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00831	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0249	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0166	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00831	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0415	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0249	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0166	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0166	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.103765	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00831	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	36200	J	MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.66	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW6020	7440-38-2	Arsenic	7.41		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW6020	7440-43-9	Cadmium	3.45		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW6020	7440-47-3	Chromium	457		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW6020	7440-50-8	Copper	1510		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	1.404866838		NA	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW6020	7439-92-1	Lead	142		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW6020	7439-96-5	Manganese	344		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW6020	7440-02-0	Nickel	43.6		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.66	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW6020	7440-22-4	Silver	2.53		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.66	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW6020	7440-66-6	Zinc	724		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0415	UJ	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0415	UJ	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0415	UJ	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0415	UJ	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0415	UJ	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0415	UJ	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0415	UJ	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0415	UJ	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0415	UJ	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0415	UJ	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.414	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.828	UJ	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.828	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0166	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0166	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0166	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0862		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.087		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0828		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.058		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0654		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0638		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0265		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.112		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0166	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.414	UJ	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0563		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0166	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.414	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0389		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.126		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.414	U	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA601FS	SED	FS	24-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.831	UJ	MG/KG	N
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045	U	MG/KG	
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.94		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	21		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	60.9		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.147176551		NA	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	16.7		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.24		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	16		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	96.9		MG/KG	Y
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-TF-A6	896977.411	625081.171	SD14TFA602FS	SED	FS	06-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	75		PERCENT	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0333	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00667	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.02	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0133	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00667	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0333	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.02	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0353		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0133	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.111905		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00667	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	40700		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.33	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	4.83		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.33		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	216		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-50-8	Copper	689		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.657014434		NA	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW6020	7439-92-1	Lead	73.2		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	222		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	26.8		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.33	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.33	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.33	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	360		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.044	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.333	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.333	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.333	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.333	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.667	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.333	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.333	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.333	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.333	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.667	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.333	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline		R	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.333	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.333	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.333	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.333	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.333	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0667	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.113		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.143		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.384		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.417		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.374	J	MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.25		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.343		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.37		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.107		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.567		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0667	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.217		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.0667	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.177		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.747		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA700FS	SED	FS	22-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.667	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	A209F	HLA0046	Percent Solids	54.2		PERCENT	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0461	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00922	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0277	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0184	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00922	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0461	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0277	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0184	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0184	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.11523	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00922	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	36000	J	MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.84	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW6020	7440-38-2	Arsenic	9.96		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW6020	7440-43-9	Cadmium	2.44		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW6020	7440-47-3	Chromium	324		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW6020	7440-50-8	Copper	1950		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	1.55610483		NA	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW6020	7439-92-1	Lead	195		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW6020	7439-96-5	Manganese	306		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW6020	7440-02-0	Nickel	39.6		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.84	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW6020	7440-22-4	Silver	1.84	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.84	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW6020	7440-66-6	Zinc	838		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0461	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0461	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0461	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0461	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0461	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0461	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0461	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0461	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0461	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0461	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.92 UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.92 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.046 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0506	MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.046 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.184	MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.166	MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.189	MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.092	MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.117	MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.138	MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0483	MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.221	MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.046 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.46 UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.092	MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.46 U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS		22-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.046 U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.46	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.46	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.46	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.103		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.46	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.276		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.46	U	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA701FS	SED	FS	22-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.922	UJ	MG/KG	N
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.74		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	29.3		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	259		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.314411491		NA	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	65.1		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.64		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	21.5		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	196		MG/KG	Y
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-TF-A7	897073.892	625245.448	SD14TFA702FS	SED	FS	06-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	42.2		PERCENT	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0593	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.0119	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0356	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0237	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.0119	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0593	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0356	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0237	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0237	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.1483	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0119	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	32100		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	2.37	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	6.58		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.43		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	169		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-50-8	Copper	275		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7439-92-1	Lead	65.9		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	431		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	87		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	2.37	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-22-4	Silver	7.32		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	2.37	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	232		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.781350717		NA	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0782	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0593	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0593	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0593	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0593	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0593	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0593	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0593	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0593	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0593	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0593	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.594	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.594	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol		R	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene		R	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.594	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol		R	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol		R	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.594	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	5.94	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.594	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.594	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol		R	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	108-95-2	Phenol		R	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.119	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.119	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.172	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.558		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.463	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.481	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.143	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.624		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.594		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.119	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	1.07		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.119	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.149	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.119	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.392		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	1.09		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB100FS	SED	FS	16-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	1.19	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	A209F	HLA0046	Percent Solids	68.9		PERCENT	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0363	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00726	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0218	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0464		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00726	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0363	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0218	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0922	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.429	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.85896	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.226		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	31200	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-38-2	Arsenic	9.98		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-43-9	Cadmium	8.61		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-47-3	Chromium	518	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-50-8	Copper	1000	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	3.849030506		NA	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW6020	7439-92-1	Lead	129	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW6020	7439-96-5	Manganese	373	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-02-0	Nickel	50.1		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-22-4	Silver	80.7	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-66-6	Zinc	523	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0363	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0363	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0363	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0363	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0363	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0363	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0363	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0363	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0363	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0363	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	2.9	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	2.9	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.112	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.109	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	62-53-3	Aniline	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.399	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	1.63	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	1.11	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	1.79	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.715	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	1.32	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	1.45	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	86-74-8	Carbazole	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	218-01-9	Chrysene	1.24	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	1.45	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.345	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	3.13	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.16	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	1.45	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	1.45	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	1.45	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.697	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	78-59-1	Isophorone	1.45	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0726	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	2.03	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	108-95-2	Phenol	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	129-00-0	Pyrene	2.78	J	MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW8270D	110-86-1	Pyridine	1.45	U	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB101FS	SED	FS	16-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.726	UJ	MG/KG	N
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0037	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0025	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.031	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.9		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	23.7		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	11.7		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.109543326		NA	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	6.73		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	16.6		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	59.4		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.026	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.026	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.026	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.026	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.026	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.026	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.026	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.026	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.026	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB103FS	SED	FS	06-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	0.026	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0035	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	8270SIM	HLA0482	Total Homolog (PCBs)	0.029	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.47		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-47-3	Chromium	24.8		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-50-8	Copper	13.1		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.118994697		NA	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7439-92-1	Lead	8.07		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-02-0	Nickel	18.5		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-66-6	Zinc	66.1		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	SW846 8082	12674-11-2	Aroclor-1016	0.024	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	SW846 8082	11104-28-2	Aroclor-1221	0.024	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	SW846 8082	11141-16-5	Aroclor-1232	0.024	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	SW846 8082	53469-21-9	Aroclor-1242	0.024	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	SW846 8082	12672-29-6	Aroclor-1248	0.024	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	SW846 8082	11097-69-1	Aroclor-1254	0.024	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	SW846 8082	11096-82-5	Aroclor-1260	0.024	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	SW846 8082	37324-23-5	Aroclor-1262	0.024	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	SW846 8082	11100-14-4	Aroclor-1268	0.024	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB105FS	SED	FS	06-Apr-15	5	6	SW846 8082	HLA0392	Total Aroclor (CALC)	0.024	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-38-2	Arsenic	7.5		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.51		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-47-3	Chromium	27.4		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-50-8	Copper	15.3		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.130747745		NA	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7439-92-1	Lead	9.18		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-02-0	Nickel	20.7		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-66-6	Zinc	72.4		MG/KG	Y
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-TF-B1	896715.76	624094.674	SD14TFB107FS	SED	FS	06-Apr-15	7	8	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	48.5		PERCENT	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.0103	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0309	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0206	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.0103	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0309	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0206	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0206	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.12885	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0103	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	41300		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	2.06	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	9.18		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	2.7		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	312		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-50-8	Copper	979		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	1.211089225		NA	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-92-1	Lead	105		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	420		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	46.3		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	2.06	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-22-4	Silver	8.47		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	2.06	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	467		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0681	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0516	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0516	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0516	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0516	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0516	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0516	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0516	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0516	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0516	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0516	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.516	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.516	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.516	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.516	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	1.03	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.516	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.516	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.516	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	1.03	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.516	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.516	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.516	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.516	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.516	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.516	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.258	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.258	UJ	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.258	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.309		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.322		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.284		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.258	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.297		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.374		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.258	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.477		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.258	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.258	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.258	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.58		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB200FS	SED	FS	23-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	1.03	U	MG/KG	N
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	A209F	HLA0046	Percent Solids				Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.054	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.0108	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0324	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0216	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.0108	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.054	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0324	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0216	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0216	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.0108	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	22400	J	MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW6020	7440-36-0	Antimony	2.16	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW6020	7440-38-2	Arsenic	10		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW6020	7440-43-9	Cadmium	3.17		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW6020	7440-47-3	Chromium	287		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW6020	7440-50-8	Copper	2060		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	1.60948808		NA	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW6020	7439-92-1	Lead	191		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW6020	7439-96-5	Manganese	375		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW6020	7440-02-0	Nickel	46.2		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW6020	7782-49-2	Selenium	2.16	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW6020	7440-22-4	Silver	2.16	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW6020	7440-28-0	Thallium	2.16	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW6020	7440-66-6	Zinc	793		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.054	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.054	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.054	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.054	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.054	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.054	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.054	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.054	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.054	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.054	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodisopropylether	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	1.08	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	1.08	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0216	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0292		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0216	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0734		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.106		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0799		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0842		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0572		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0756		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0216	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.116		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0216	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.54	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0626		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0216	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0605		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.54	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.138		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.54	UJ	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB201FS	SED	FS	23-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	1.08	UJ	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.00049	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0023	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0035	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00088	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.00088	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0023	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.029	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0023	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	4.9		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	19.6		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	9.09		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.098510403		NA	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	6.03		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	14.9		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	52.4		MG/KG	Y
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.024	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.024	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.024	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.024	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.024	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.024	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.024	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.024	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.024	U	MG/KG	
SD2014-TF-B2	896802.718	624275.056	SD14TFB202FS	SED	FS	03-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.024	U	MG/KG	
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	52.3		PERCENT	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0478	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00956	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0287	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0191	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00956	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0478	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0287	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0191	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0191	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.11949	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00956	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	32600		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.91	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	9.96		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	2.12		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	277		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-50-8	Copper	1130		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW6020	7439-92-1	Lead	122		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	421		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	46.4		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	2.18		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-22-4	Silver	2.74		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.91	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	493		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	1.087348785		NA	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0631	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0478	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0478	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0478	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0478	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0478	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0478	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0478	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0478	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0478	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0478	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene		R	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene		R	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene		R	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.478	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.478	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.478	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.478	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.956	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene		R	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene		R	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene		R	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.478	UJ	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene		R	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.478	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline		R	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.478	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.478	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine		R	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline		R	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.956	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether		R	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.478	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline		R	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether		R	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline		R	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.478	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	62-53-3	Aniline		R	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane		R	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate		R	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate		R	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	86-74-8	Carbazole		R	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	R	MG/KG	N	
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	R	MG/KG	N	
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	R	MG/KG	N	
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	R	MG/KG	N	
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	R	MG/KG	N	
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	R	MG/KG	N	
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	R	MG/KG	N	
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	R	MG/KG	N	
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	R	MG/KG	N	
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	R	MG/KG	N	
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	R	MG/KG	N	
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	R	MG/KG	N	
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	R	MG/KG	N	
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	R	MG/KG	N	
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.478	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.478	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270	110-86-1	Pyridine	R	MG/KG	N	
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0478	UJ	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.0598	J	MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.0574		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.158		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.234		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.17		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.148		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.208		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.179		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0765		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.251		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0478	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.139		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	R	MG/KG	N	
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.1		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.265		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB300FS	SED	FS	28-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.956	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	A209F	HLA0046	Percent Solids	60.4		PERCENT	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00828	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0248	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0166	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00828	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0248	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0166	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0166	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.10352	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00828	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	14000	J	MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.66	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW6020	7440-38-2	Arsenic	6.76		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.828	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW6020	7440-47-3	Chromium	34.7		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW6020	7440-50-8	Copper	292		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.345886343		NA	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW6020	7439-92-1	Lead	55.3		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW6020	7439-96-5	Manganese	254		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW6020	7440-02-0	Nickel	22.2		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.66	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW6020	7440-22-4	Silver	1.66	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.66	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW6020	7440-66-6	Zinc	223	J	MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.828	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.828	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.00828	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.00828	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.00828	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.00952		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.00828	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.00828		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.00828	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.00828	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.00828	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.00828	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.414	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.0112		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.00828	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.414	UJ	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.00828	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.00828	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.00828	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.0149		MG/KG	Y
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.414	U	MG/KG	N
SD2014-TF-B3	896888.757	624480.76	SD14TFB301FS	SED	FS	28-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.828	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	44.1		PERCENT	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0567	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.0113	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.034	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0227	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.0113	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0567	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.034	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0227	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0227	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.1417	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0113	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	36000		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	2.27	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	10.4		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	2.32		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	252		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-50-8	Copper	1200		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	1.165786462		NA	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-92-1	Lead	151		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	411		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	45.1		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	2.27	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-22-4	Silver	3.05		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	2.27	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	582		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0749	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0567	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0567	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0567	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0567	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0567	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0567	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0567	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0567	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0567	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0567	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.567	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.567	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.567	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.567	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.567	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	1.13	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.567	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.567	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.567	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	1.13	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.567	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.567	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.567	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.567	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.567	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.113	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.113	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.113	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.147		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.153		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.113	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.113	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.159		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.147		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.113	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.165		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.113	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.113	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.113	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.233		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB400FS	SED	FS	23-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	1.13	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	A209F	HLA0046	Percent Solids	60.4		PERCENT	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0414	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00828	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0249	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0166	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00828	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0414	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0249	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0166	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0166	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.10362	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00828	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	15700	J	MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.66	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-38-2	Arsenic	5.51		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.828	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-47-3	Chromium	36.5		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-50-8	Copper	294		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.356205723		NA	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW6020	7439-92-1	Lead	59.4		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW6020	7439-96-5	Manganese	311		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-02-0	Nickel	25.4		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.66	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-22-4	Silver	1.66	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.66	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW6020	7440-66-6	Zinc	226		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiiisopropylether	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.414	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.414	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.414	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.414	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.828	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.414	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.414	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.414	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.414	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.828	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.414	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.414	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.00828	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.00828	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.00828	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0108		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0104		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0116		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.00828	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.00828		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.00828	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.00828	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.0112		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.00828	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.00828	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.00828	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.414	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.00828	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.414	U	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.0141		MG/KG	Y
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.414	UJ	MG/KG	N
SD2014-TF-B4	896977.036	624631.322	SD14TFB401FS	SED	FS	23-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.828	UJ	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	62.2		PERCENT	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0402	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00804	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0241	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0161	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00804	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0402	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0241	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0161	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0161	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.10051	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00804	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	33500		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.61	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	7.75		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.54		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	199		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-50-8	Copper	927		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW6020	7439-92-1	Lead	115		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	321		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	45.1		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.61	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.61	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.61	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	436		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.865604784		NA	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0531	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0402	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0402	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0402	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0402	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0402	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0402	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0402	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0402	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0402	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0402	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene		R	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene		R	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene		R	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.402	UJ	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.402	UJ	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.402	UJ	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.402	UJ	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.804	UJ	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene		R	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene		R	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene		R	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.402	UJ	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene		R	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.402	UJ	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline		R	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.402	UJ	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.402	UJ	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine		R	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline		R	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.804	UJ	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether		R	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.402	UJ	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline		R	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether		R	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline		R	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.402	UJ	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	62-53-3	Aniline		R	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane		R	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	R	MG/KG	N	
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	R	MG/KG	N	
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	R	MG/KG	N	
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	R	MG/KG	N	
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	R	MG/KG	N	
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	R	MG/KG	N	
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	R	MG/KG	N	
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	R	MG/KG	N	
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	R	MG/KG	N	
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	R	MG/KG	N	
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	R	MG/KG	N	
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	R	MG/KG	N	
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	R	MG/KG	N	
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	R	MG/KG	N	
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	R	MG/KG	N	
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	R	MG/KG	N	
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	R	MG/KG	N	
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.402	UJ	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.402	UJ	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0804	UJ	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.121	J	MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.133		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.354		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.527		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.386		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.334		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.438		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.394		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.205		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.479		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0804	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.314		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.177		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.535		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB500FS	SED	FS	25-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.804	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	A209F	HLA0046	Percent Solids	59.5		PERCENT	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.042	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.0084	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0252	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0168	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.0084	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.042	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0252	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0168	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0168	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.105	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.0084	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	13500	J	MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.68	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW6020	7440-38-2	Arsenic	6.7		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.84	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW6020	7440-47-3	Chromium	45.1		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW6020	7440-50-8	Copper	429		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.45334571		NA	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW6020	7439-92-1	Lead	76		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW6020	7439-96-5	Manganese	290		MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW6020	7440-02-0	Nickel	26.6		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.68	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW6020	7440-22-4	Silver	1.68	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.68	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW6020	7440-66-6	Zinc	281	J	MG/KG	Y
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.042	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.042	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.042	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.042	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.042	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.042	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.042	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.042	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.042	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.042	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.838	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.838	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.00838	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.00838	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.00838	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.00838	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.00838	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.00838	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.00838	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.00838	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.00838	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.00838	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.00838	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.00838	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.419	UJ	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.00838	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.00838	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.00838	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.00838	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.419	U	MG/KG	N
SD2014-TF-B5	897080.041	624811.199	SD14TFB501FS	SED	FS	25-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.84	UJ	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	52.7		PERCENT	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00948	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0284	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.019	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00948	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0284	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.019	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.019	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.11852	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00948	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	30700		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.9	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	8.22		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.46		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	163		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-50-8	Copper	848		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7439-92-1	Lead	114		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	360		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	39		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	2.01		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.9	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.9	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	426		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.803165508		NA	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0626	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0474	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.474	UJ	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.474	UJ	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.948	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.474	UJ	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.948	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.474	UJ	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.474	UJ	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.474	UJ	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.474	UJ	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.474	UJ	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.474	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.19	UJ	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.19	UJ	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.19	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.427		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.626		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.427		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.351		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.493		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.493		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.19	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.711		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.19	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.322		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.265		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.73		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB600FS	SED	FS	25-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.948	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	A209F	HLA0046	Percent Solids	68.5		PERCENT	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.0073	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0219	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0146	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.0073	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0219	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0146	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0146	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.09125	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.0073	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	16900	J	MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.46	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-38-2	Arsenic	2.75		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.73	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-47-3	Chromium	14		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-50-8	Copper	33.8		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.106807935		NA	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW6020	7439-92-1	Lead	9.71		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW6020	7439-96-5	Manganese	143		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-02-0	Nickel	10.3		MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.46	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-22-4	Silver	1.46	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.46	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-66-6	Zinc	70.8	J	MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.73	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.365	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.73	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0073	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0073	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0073	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0073	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0073	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0073	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0073	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0073	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0073	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0073	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.00767	U	MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0073	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.365	UJ	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0073	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0073	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0073	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.00949	U	MG/KG	Y
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.365	U	MG/KG	N
SD2014-TF-B6	897155.547	624994.369	SD14TFB601FS	SED	FS	25-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.73	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	75.1		PERCENT	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0333	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00666	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.02	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0133	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00666	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0333	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.02	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.03		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0133	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.10659		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00666	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	31700		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.33	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	4.98		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.41		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	207		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-50-8	Copper	647		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.62728476		NA	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW6020	7439-92-1	Lead	69.2		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	240		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	25.6		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.38		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.33	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.33	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	349		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0439	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.333	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.333	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.333	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.333	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.666	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.333	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.333	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.333	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.333	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.666	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.333	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline		R	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS	22-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.333	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.333	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.333	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.333	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.133	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.133	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.153		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.293		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.339		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.28	J	MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.16		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.226		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.32		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.133	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.393		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.133	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.146		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.133	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.146		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.599		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB700FS	SED	FS		22-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.666	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS		22-Apr-14	1	2	A209F	HLA0046	Percent Solids	59.9		PERCENT	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS		22-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0417	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS		22-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00834	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS		22-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.025	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS		22-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0167	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS		22-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00834	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS		22-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0417	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS		22-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.025	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS		22-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0167	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS		22-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0167	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS		22-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.10426	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS		22-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00834	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS		22-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	26000	J	MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS		22-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.67	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS		22-Apr-14	1	2	SW6020	7440-38-2	Arsenic	8.96		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS		22-Apr-14	1	2	SW6020	7440-43-9	Cadmium	1.8		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS		22-Apr-14	1	2	SW6020	7440-47-3	Chromium	179		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS		22-Apr-14	1	2	SW6020	7440-50-8	Copper	1460		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS		22-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	1.200463655		NA	Y

2014-2015 Sediment Analytical Data

SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW6020	7439-92-1	Lead	177		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW6020	7439-96-5	Manganese	297		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW6020	7440-02-0	Nickel	33.9		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.67	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW6020	7440-22-4	Silver	1.67	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.67	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW6020	7440-66-6	Zinc	698		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0417	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0417	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0417	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0417	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0417	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0417	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0417	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0417	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0417	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0417	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.832	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.832	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0166	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0166		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0166	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0583		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0549		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0632		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0316		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0466		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0408		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0166	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.0657		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0166	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.416	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0316		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0166	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0233		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.0924		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.416	U	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB701FS	SED	FS	22-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.834	UJ	MG/KG	N
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0023	UJ	MG/KG	
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0035	U	MG/KG	
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	UJ	MG/KG	
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0023	U	MG/KG	
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045	UJ	MG/KG	
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.029	U	MG/KG	
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0023	UJ	MG/KG	
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	8.32		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.96		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	47.5		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	644		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.631964623		NA	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	155	J	MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.98	J	MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	26.4		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.58		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	387		MG/KG	Y
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.024	U	MG/KG	
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.024	U	MG/KG	
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.024	U	MG/KG	
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.024	U	MG/KG	
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.024	U	MG/KG	
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.024	U	MG/KG	
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.024	U	MG/KG	
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.024	U	MG/KG	
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.024	U	MG/KG	
SD2014-TF-B7	897263.829	625181.971	SD14TFB703FS	SED	FS	06-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	0.024	U	MG/KG	
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	73.9		PERCENT	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0338	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00677	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0203	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0176		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00677	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0338	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0203	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0189		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0609		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.161655		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00677	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	16300		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.35	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	11.3		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.97		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	763		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW6020	7440-50-8	Copper	165		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW6020	7439-92-1	Lead	47.1		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	2690		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	138		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.35	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW6020	7440-22-4	Silver	2.97		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.35	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	236		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.913587036		NA	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0447	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0338	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0338	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0338	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0338	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.118		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0338	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0739		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0338	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0338	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.192		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline		R	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	62-53-3	Aniline		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.48	J	MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	86-74-8	Carbazole		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	78-59-1	Isophorone		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	108-95-2	Phenol		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.135		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.416		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.355		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.406	J	MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.206		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.474		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.386		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0677	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.792		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0677	UJ	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.22		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.775		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.683		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC100FS	SED	FS	30-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.677	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	A209F	HLA0046	Percent Solids	82.4		PERCENT	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0303	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00607	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0182	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0121	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00607	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0303	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0182	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0121	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0121	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.075755	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00607	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	3470	J	MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.21	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW6020	7440-38-2	Arsenic	10.1		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW6020	7440-43-9	Cadmium	2.51		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW6020	7440-47-3	Chromium	548	MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW6020	7440-50-8	Copper	143	MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.6714867	NA	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW6020	7439-92-1	Lead	47	MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW6020	7439-96-5	Manganese	3200	MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW6020	7440-02-0	Nickel	50.2	MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.21 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW6020	7440-22-4	Silver	4.76	MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.21 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW6020	7440-66-6	Zinc	197	MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.607 UJ	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.607 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0607 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0607 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.124	MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.537	MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.382	MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.619	MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.2	MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.4	MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.303 U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.303 U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.303	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.303	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.346		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.303	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.303	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.118		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.303	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.303	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.303	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.825		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0607	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.303	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.303	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.303	UJ	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.303	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.23		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.303	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.303	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.303	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0607	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.303	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.303	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.303	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.528		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.303	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.664		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.303	U	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC101FS	SED	FS	30-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.607	UJ	MG/KG	N
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0053		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.012		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0072		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.54		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	21.9		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	10.2		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.107403289		NA	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	6.29		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	16.8		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	58		MG/KG	Y
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-TF-C1	896896.514	624007.534	SD14TFC102FS	SED	FS	03-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	53.1		PERCENT	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00942	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0283	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0188	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00942	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0283	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0273		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.105		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.23123		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00942	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	25100		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.88	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	7.75		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	3.42		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	307		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-50-8	Copper	879		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7439-92-1	Lead	94		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	350		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	39.6		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	2.31		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-22-4	Silver	50.1		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.88	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	467		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	2.553806128		NA	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0622	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.471	UJ	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.471	UJ	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.942	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.471	UJ	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.942	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.471	UJ	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.471	UJ	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.471	UJ	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.471	UJ	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.471	UJ	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.471	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.188	UJ	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.188	UJ	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.349		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.716		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.82		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.546		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.433		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.81		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.744		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.207		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	1.58		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.188	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.396		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.951		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	1.27		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC200FS	SED	FS	25-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.942	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	A209F	HLA0046	Percent Solids	57.1		PERCENT	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00876	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0263	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0175	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00876	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0263	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0175	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0175	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.10949	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00876	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	17200	J	MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.75	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW6020	7440-38-2	Arsenic	7.19		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW6020	7440-43-9	Cadmium	4.29		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW6020	7440-47-3	Chromium	427		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW6020	7440-50-8	Copper	1120		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	1.533580931		NA	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW6020	7439-92-1	Lead	90.6		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW6020	7439-96-5	Manganese	329		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW6020	7440-02-0	Nickel	37.6		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.75	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW6020	7440-22-4	Silver	14.5		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.75	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW6020	7440-66-6	Zinc	555	J	MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.876	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.876	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0175	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0394		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0254		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.182		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.157		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.182		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.108		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.117		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.139		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0394		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.198		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0175	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.438	UJ	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0894		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0175	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0753		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.247		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.438	U	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC201FS	SED	FS	25-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.876	UJ	MG/KG	N
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0035	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.029	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.01	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.01	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.01	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.01	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.01	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	218-01-9	Chrysene	0.01	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	206-44-0	Fluoranthene	0.01	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	86-73-7	Fluorene	0.01	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.01	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	85-01-8	Phenanthrene	0.01	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	129-00-0	Pyrene	0.01	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0001	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0001	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0001	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0001	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0001	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.000098	J	MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.00016	J	MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.00009	J	MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0001	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.00012		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0001	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0001	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0001	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0001	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0001	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.0001	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.0001	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0001	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.0001	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0001	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0001	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.0001	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0001	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0001	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.95		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	21.7	J	MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	9.45		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.104568436		NA	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	6.19		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	15.9		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	55		MG/KG	Y
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.024	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.024	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.024	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.024	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.024	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.024	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.024	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.024	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.024	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.024	U	MG/KG	
SD2014-TF-C2	896975.176	624178.068	SD14TFC202FS	SED	FS	03-Apr-15	2	3	SW846 9060	HLA0011	Total Organic Carbon	1.9		PERCENT	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	53.9		PERCENT	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00927	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0278	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0185	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00927	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0278	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0185	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0185	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.115855	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00927	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	22500		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.85	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	7.58	MG/KG	Y	
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.56	MG/KG	Y	
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	150	MG/KG	Y	
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-50-8	Copper	621	MG/KG	Y	
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW6020	7439-92-1	Lead	88.6	MG/KG	Y	
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	334	MG/KG	Y	
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	31.8	MG/KG	Y	
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.91	MG/KG	Y	
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-22-4	Silver	2.81	MG/KG	Y	
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.85	MG/KG	N	
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	349	MG/KG	Y	
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.701196397	NA	Y	
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0612	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.464	UJ	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.464	UJ	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.464	UJ	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.464	UJ	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.464	UJ	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.464	UJ	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.927	UJ	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.464	UJ	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.464	UJ	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.464	UJ	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.464	UJ	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.927	UJ	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.464	UJ	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.464	UJ	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.464	UJ	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.464	UJ	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.464	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.464	UJ	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.464	UJ	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.464	UJ	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.464	UJ	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.464	UJ	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0464	UJ	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.058	J	MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.0672		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.153		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.22		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.204		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.118		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.192		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.172		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.051		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.243		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0464	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.109		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.095		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.264		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC300FS	SED	FS	25-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.927	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	A209F	HLA0046	Percent Solids	59.9		PERCENT	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00835	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0251	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0167	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00835	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0251	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0167	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0167	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.104475	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00835	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	15100	J	MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.67	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW6020	7440-38-2	Arsenic	4.67		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.835	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW6020	7440-47-3	Chromium	24		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW6020	7440-50-8	Copper	31.7		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.132728694		NA	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW6020	7439-92-1	Lead	10.6		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW6020	7439-96-5	Manganese	265		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW6020	7440-02-0	Nickel	17.1		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.67	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW6020	7440-22-4	Silver	1.67	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.67	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW6020	7440-66-6	Zinc	67.1	J	MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0418	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.835	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.835	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.00835	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.00835	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.00835	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0113		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0104		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.00877		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.00835	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.00835		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.01		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.00835	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.0129		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.00835	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.418	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.418	UJ	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.00835	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.00835	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.00835	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.02		MG/KG	Y
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.418	U	MG/KG	N
SD2014-TF-C3	897079.188	624360.661	SD14TFC301FS	SED	FS	25-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.835	UJ	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	63.4		PERCENT	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0395	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00789	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0237	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0158	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00789	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0395	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0237	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0158	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0158	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.098735	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00789	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	25800		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.58	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	7.15		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.88		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	210		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-50-8	Copper	781		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW6020	7439-92-1	Lead	92.9		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	304		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	32.9		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.86		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.89		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.58	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	415		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.793110746		NA	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0521	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0395	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0395	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0395	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0395	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0395	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0395	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0395	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0395	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0395	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0395	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene		R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene		R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene		R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol		R	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	62-53-3	Aniline	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	108-95-2	Phenol	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270	110-86-1	Pyridine	R	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0789 UJ	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.134 J	MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.118	MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.296	MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.434	MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.351	MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.229	MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.477	MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.335	MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0986	MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.414	MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0789 U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.205	MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	R	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.174		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.544		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC400FS	SED	FS	25-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.789	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	A209F	HLA0046	Percent Solids	66.3		PERCENT	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0377	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00754	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0226	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0151	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00754	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0377	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0226	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0151	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0151	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.09426	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00754	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	8550	J	MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.51	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW6020	7440-38-2	Arsenic	6.31		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW6020	7440-43-9	Cadmium	1.97		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW6020	7440-47-3	Chromium	325		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW6020	7440-50-8	Copper	412		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.815480894		NA	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW6020	7439-92-1	Lead	57.3		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW6020	7439-96-5	Manganese	597		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW6020	7440-02-0	Nickel	46		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.51	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW6020	7440-22-4	Silver	7.09		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.51	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW6020	7440-66-6	Zinc	309	J	MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0377	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0377	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0377	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0377	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0377	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0377	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0377	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0377	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0377	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0377	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.756	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.378	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.756	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.00756	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.00756	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.00756	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.00756	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.00756	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.00756	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.00756	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.00756	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.00756	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.00756	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.00756	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.00756	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.378	UJ	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.00756	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.00756	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.00756	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.00756	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.378	U	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC401FS	SED	FS	25-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.754	UJ	MG/KG	N
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.00051	U	MG/KG	
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0037	U	MG/KG	
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00092	U	MG/KG	
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.00092	U	MG/KG	
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0025	U	MG/KG	
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.031	U	MG/KG	
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	4.5		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	16.8		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	7.64		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.088452093		NA	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	4.67		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	12.8		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	46.3		MG/KG	Y
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.026	U	MG/KG	
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.026	U	MG/KG	
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.026	U	MG/KG	
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.026	U	MG/KG	
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.026	U	MG/KG	
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.026	U	MG/KG	
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.026	U	MG/KG	
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.026	U	MG/KG	
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.026	U	MG/KG	
SD2014-TF-C4	897158.771	624552.936	SD14TFC402FS	SED	FS	03-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.026	U	MG/KG	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	59.8		PERCENT	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0418	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00837	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0251	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0167	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00837	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0418	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0251	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0167	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0167	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.104505	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00837	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	28500		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.67	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	7.98		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.42		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	156		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-50-8	Copper	839		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW6020	7439-92-1	Lead	114		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	324		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	31.7		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	2.26		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.67	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.67	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	415		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.77076167		NA	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0552	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0418	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0418	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0418	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0418	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0418	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0418	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0418	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0418	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0418	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0418	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene		R	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene		R	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	62-53-3	Aniline	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	108-95-2	Phenol	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270	110-86-1	Pyridine	R	MG/KG	N	
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0837	UJ	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.117	J	MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.113		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.301		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.414		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.176		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.213		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.393		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.322		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.092		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.431		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0837	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.201		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.163		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.519		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC500FS	SED	FS	25-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.837	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	A209F	HLA0046	Percent Solids	54.2		PERCENT	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00923	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0277	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0185	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00923	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0277	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0185	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0185	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.115495	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00923	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	17700	J	MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.85	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW6020	7440-38-2	Arsenic	7.21		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.923	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW6020	7440-47-3	Chromium	40.2		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW6020	7440-50-8	Copper	548		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.573438631		NA	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW6020	7439-92-1	Lead	175		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW6020	7439-96-5	Manganese	284		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW6020	7440-02-0	Nickel	25.5		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.85	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW6020	7440-22-4	Silver	1.85	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.85	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW6020	7440-66-6	Zinc	308	J	MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiiisopropylether	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.923	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.462	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.923	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0185	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0185	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0185	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0618		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0637		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0665		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0443		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0443		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0489		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0185	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.0609		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0185	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.462	UJ	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0323		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0185	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0249		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.0877		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.462	U	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC501FS	SED	FS	25-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.923	UJ	MG/KG	N
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.00049	U	MG/KG	
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0035	U	MG/KG	
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00088	UJ	MG/KG	
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.00088	U	MG/KG	
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045	UJ	MG/KG	
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.029	U	MG/KG	
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	3.89		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	14.3	J	MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	39.9		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.108398335		NA	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	13.1		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.23		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	10.5		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	71.5		MG/KG	Y
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-TF-C5	897241.528	624725.275	SD14TFC502FS	SED	FS	06-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	58		PERCENT	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0431	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00861	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0258	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0172	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00861	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0431	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0258	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0172	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0172	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.107615	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00861	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	22500		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.72	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	5.96		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	0.861	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	56.6		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-50-8	Copper	419		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7439-92-1	Lead	76.6		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	249		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	21.6		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	2.13		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.72	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.72	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	252		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.431482351		NA	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0569	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0431	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0431	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0431	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0431	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0431	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0431	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0431	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0431	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0431	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0431	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	62-53-3	Aniline		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	86-74-8	Carbazole		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	78-59-1	Isophorone		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	108-95-2	Phenol		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0861	UJ	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.116	J	MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.116		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.297		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.422		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.414		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.22		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.448		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.327		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0991		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.435		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0861	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.207		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.151		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC600FS	SED	FS	25-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.465		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	A209F	HLA0046	Cyanide, Total	0.861	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	E680	2051-24-3	Percent Solids	66.7		PERCENT	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	E680	25512-42-9	Cl10-BZ#209	0.0375	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	E680	2512-42-9	Dichlorobiphenyl (total)	0.0075	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0225	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.015	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.0075	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0375	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0225	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.015	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.015	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.09375	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.0075	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	6460	J	MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.5	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-38-2	Arsenic	3.05		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.75	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-47-3	Chromium	13.1		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-50-8	Copper	55.5		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.131657187		NA	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW6020	7439-92-1	Lead	19.7		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW6020	7439-96-5	Manganese	138		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-02-0	Nickel	11		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.5	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-22-4	Silver	1.5	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.5	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-66-6	Zinc	91.6	J	MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0375	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0375	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0375	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0375	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0375	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0375	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0375	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0375	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0375	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0375	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodisopropylether	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.752	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.376	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.752	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.015	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.015	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.015	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0526		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0474		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0413		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0316		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0361		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0376		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.015	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.0729		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.015	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.376	UJ	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0241		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.015	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0308		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.102		MG/KG	Y
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.376	U	MG/KG	N
SD2014-TF-C6	897324.74	624897.696	SD14TFC601FS	SED	FS	25-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.75	UJ	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	60.2		PERCENT	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.0083	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0249	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0166	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.0083	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0249	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0166	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0166	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.10375	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0083	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	20200		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.66	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	5.8		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.29		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	157		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW6020	7440-50-8	Copper	452		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW6020	7439-92-1	Lead	64.8		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	284		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	30.5		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.66	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW6020	7440-22-4	Silver	2.11		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.66	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	281		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.557449955		NA	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0548	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.415	UJ	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.415	UJ	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.83	UJ	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.415	UJ	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.83	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS		23-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.415	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.415	UJ	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.415	UJ	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.415	UJ	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.415	UJ	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.415	UJ	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.415	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.166	UJ	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.166	UJ	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.166	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.183		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.199		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.166	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.166	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.199		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.208		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.166	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.291		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.166	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.166	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.166	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.374		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC700FS	SED	FS	23-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.83	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	A209F	HLA0046	Percent Solids	54.2		PERCENT	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00923	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0277	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0185	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00923	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0277	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0185	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0185	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.115395	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00923	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	26600	J	MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.85	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW6020	7440-38-2	Arsenic	9.48		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW6020	7440-43-9	Cadmium	4.4		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW6020	7440-47-3	Chromium	611		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW6020	7440-50-8	Copper	2310		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	1.937221622		NA	Y

2014-2015 Sediment Analytical Data

SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW6020	7439-92-1	Lead	173		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW6020	7439-96-5	Manganese	386		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW6020	7440-02-0	Nickel	52.6		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.85	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW6020	7440-22-4	Silver	1.85	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.85	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW6020	7440-66-6	Zinc	1080		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0461	UJ	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0461	UJ	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0461	UJ	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0461	UJ	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0461	UJ	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0461	UJ	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0461	UJ	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0461	UJ	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0461	UJ	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0461	UJ	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.923	UJ	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.923	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0484		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.164		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.159		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.148		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0669		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.134		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.118		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.196		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.461	UJ	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0761		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.106		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.279		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.461	U	MG/KG	N
SD2014-TF-C7	897418.515	625089.597	SD14TFC701FS	SED	FS	24-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	1.66	J	MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0023	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0035	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0023	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.029	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0023	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.027		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	120-12-7	Anthracene	0.031		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.21		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.22		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.16		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.099		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.18		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	218-01-9	Chrysene	0.19		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.03		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	206-44-0	Fluoranthene	0.16		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	86-73-7	Fluorene	0.009	J	MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.1		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	91-20-3	Naphthalene	0.012		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	85-01-8	Phenanthrene	0.073		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	129-00-0	Pyrene	0.37		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.00036		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0001	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0001	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0001	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0001	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0001	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0001	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0001	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0001	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.00024		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0001	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0001	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0001	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0001	J	MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0001	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.00029		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.0003		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0001	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.00033		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.00011		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0001	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.00033		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0001	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.00047		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	3.37		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	13.9	J	MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	81.7		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.130129795		NA	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	23		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.1		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	9.49		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	72.2		MG/KG	Y
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.024	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.024	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.024	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.024	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.024	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.024	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.024	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.024	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.024	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.024	U	MG/KG	
SD2014-TF-C7	897418.515	625089.597	SD14TFC702FS	SED	FS	03-Apr-15	2	3	SW846 9060	HLA0011	Total Organic Carbon	1.1		PERCENT	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	73.1		PERCENT	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0342	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00684	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0205	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0137	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00684	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0342	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0205	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0137	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0137	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.09509		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.013		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	21900		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.37	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	6.21		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	3.99		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	207		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-50-8	Copper	231		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.518044544		NA	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW6020	7439-92-1	Lead	40.6		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	330		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	46.1		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.37	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-22-4	Silver	2.46		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.37	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	197		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0451	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0342	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0342	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0342	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0342	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.254		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0342	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0427		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0342	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0342	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.296		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	62-53-3	Aniline		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	86-74-8	Carbazole		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	78-59-1	Isophorone		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	108-95-2	Phenol		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0684	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.0684	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.0684	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.106		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.123		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.137	J	MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.0684	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.133		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.12		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0684	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.178		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0684	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.0684	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.0684	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.0821		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.191		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD100FS	SED	FS	22-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.684	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	A209F	HLA0046	Percent Solids	59.3		PERCENT	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00844	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0253	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0169	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00844	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0253	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0169	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0169	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.10551	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00844	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	12200	J	MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.69	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW6020	7440-38-2	Arsenic	2.74		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW6020	7440-43-9	Cadmium	2.33		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW6020	7440-47-3	Chromium	186		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW6020	7440-50-8	Copper	343		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.404453344		NA	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW6020	7439-92-1	Lead	34.2		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW6020	7439-96-5	Manganese	185		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW6020	7440-02-0	Nickel	16		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.69	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW6020	7440-22-4	Silver	1.69	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.69	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW6020	7440-66-6	Zinc	199		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0422	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.844	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.844	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0548		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.179		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.175		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.198		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0527		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.156		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.152		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.234		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.422	UJ	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0591		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.422	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0801		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.289		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.422	U	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD101FS	SED	FS	22-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.844	UJ	MG/KG	N
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00091	U	MG/KG	
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.00091	U	MG/KG	
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0072		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0025		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.41		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	20.8		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	10.4		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.102977784		NA	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	6.66		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	15.6		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	54		MG/KG	Y
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-TF-D1	897086.03	623915.208	SD14TFD102FS	SED	FS	03-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	56		PERCENT	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0446	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00892	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0268	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0178	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00892	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0446	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0268	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0205		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0812		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.21232		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0214		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	32900		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.78	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	8.26		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	3.22		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	285		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-50-8	Copper	907	MG/KG	Y	
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7439-92-1	Lead	92.2	MG/KG	Y	
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	346	MG/KG	Y	
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	41.2	MG/KG	Y	
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	2.1	MG/KG	Y	
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-22-4	Silver	5.77	MG/KG	Y	
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.78	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	483	MG/KG	Y	
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	1.067729979	NA	Y	
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0589	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0446	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0446	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0446	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0446	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.153	MG/KG	Y	
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0446	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0446	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0446	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0446	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.153	MG/KG	Y	
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	90-12-0	1-Methylnaphthalene	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	120-83-2	2,4-Dichlorophenol	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	105-67-9	2,4-Dimethylphenol	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	51-28-5	2,4-Dinitrophenol	0.89	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	121-14-2	2,4-Dinitrotoluene	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	606-20-2	2,6-Dinitrotoluene	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	91-58-7	2-Chloronaphthalene	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	95-57-8	2-Chlorophenol	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	91-57-6	2-Methylnaphthalene	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	95-48-7	2-Methylphenol	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	88-74-4	2-Nitroaniline	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	88-75-5	2-Nitrophenol	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	15831-10-4	3 & 4 Methylphenol	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	99-09-2	3-Nitroaniline	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.89	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	106-47-8	4-Chloroaniline	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	100-01-6	4-Nitroaniline	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	100-02-7	4-Nitrophenol	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	83-32-9	Acenaphthene	0.0178	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	208-96-8	Acenaphthylene	0.105	MG/KG	Y	
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	62-53-3	Aniline	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	120-12-7	Anthracene	0.0828	MG/KG	Y	
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	56-55-3	Benzo(a)anthracene	0.333	MG/KG	Y	
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	50-32-8	Benzo(a)pyrene	0.352	MG/KG	Y	
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	205-99-2	Benzo(b)fluoranthene	0.247	MG/KG	Y	
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	191-24-2	Benzo(ghi)perylene	0.185	MG/KG	Y	
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	207-08-9	Benzo(k)fluoranthene	0.32	MG/KG	Y	
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.445	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	85-68-7	Butylbenzylphthalate	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	86-74-8	Carbazole	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	218-01-9	Chrysene	0.288		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	84-74-2	Di-n-butylphthalate	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	117-84-0	Di-n-octylphthalate	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0472		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	132-64-9	Dibenzofuran	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	84-66-2	Diethylphthalate	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	131-11-3	Dimethylphthalate	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	206-44-0	Fluoranthene	0.459		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	86-73-7	Fluorene	0.0383		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	118-74-1	Hexachlorobenzene	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	87-68-3	Hexachlorobutadiene	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.445	UJ	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	67-72-1	Hexachloroethane	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.199		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	78-59-1	Isophorone	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	91-20-3	Naphthalene	0.0365		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	98-95-3	Nitrobenzene	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	82-68-8	Pentachloronitrobenzene	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	87-86-5	Pentachlorophenol	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	85-01-8	Phenanthrene	0.261		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	108-95-2	Phenol	0.445	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	129-00-0	Pyrene	0.522		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	110-86-1	Pyridine	0.445	UJ	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD200FS	SED	FS	25-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.892	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	A209F	HLA0046	Percent Solids	57.9		PERCENT	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00864	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0259	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0173	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00864	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0259	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0173	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0173	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.10801	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00864	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	17700	J	MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.73	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW6020	7440-38-2	Arsenic	6.86		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.864	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW6020	7440-47-3	Chromium	53.9		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW6020	7440-50-8	Copper	236		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.309347854		NA	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW6020	7439-92-1	Lead	35.8		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW6020	7439-96-5	Manganese	309		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW6020	7440-02-0	Nickel	23		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.73	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW6020	7440-22-4	Silver	1.73	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.73	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW6020	7440-66-6	Zinc	192	J	MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0432	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.864	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.864	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.00864	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.00864	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.00864	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0212		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0203		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0199		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0138		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0138		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0169		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.00864	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.022		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.00864	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.432	UJ	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.432	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0117		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.00864	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.00864	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.0307		MG/KG	Y
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.432	U	MG/KG	N
SD2014-TF-D2	897165.286	624104.996	SD14TFD201FS	SED	FS	25-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.864	UJ	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	54.8		PERCENT	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00912	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0274	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0182	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00912	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0274	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0182	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0182	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.11398	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00912	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	25300		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.82	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	9.28		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	2.71		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	345		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW6020	7440-50-8	Copper	1150		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW6020	7439-92-1	Lead	119		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	391		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	53.1		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	2.52		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW6020	7440-22-4	Silver	5.33		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.82	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	555		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	1.246961899		NA	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0602	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0456	UJ	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0456	UJ	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0456	UJ	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0456	UJ	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0456	UJ	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0456	UJ	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0456	UJ	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0456	UJ	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0456	UJ	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0456	UJ	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	90-12-0	1-Methylnaphthalene	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	120-83-2	2,4-Dichlorophenol	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	105-67-9	2,4-Dimethylphenol	0.456	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	51-28-5	2,4-Dinitrophenol	0.912	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	121-14-2	2,4-Dinitrotoluene	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	606-20-2	2,6-Dinitrotoluene	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	91-58-7	2-Chloronaphthalene	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	95-57-8	2-Chlorophenol	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	91-57-6	2-Methylnaphthalene	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	95-48-7	2-Methylphenol	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	88-74-4	2-Nitroaniline	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	88-75-5	2-Nitrophenol	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	15831-10-4	3 & 4 Methylphenol	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	99-09-2	3-Nitroaniline	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.912	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	106-47-8	4-Chloroaniline	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	100-01-6	4-Nitroaniline	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	100-02-7	4-Nitrophenol	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	83-32-9	Acenaphthene	0.0182	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	208-96-8	Acenaphthylene	0.042		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	62-53-3	Aniline	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	120-12-7	Anthracene	0.0401		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	56-55-3	Benzo(a)anthracene	0.139		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	50-32-8	Benzo(a)pyrene	0.153		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	205-99-2	Benzo(b)fluoranthene	0.109		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	191-24-2	Benzo(ghi)perylene	0.0949		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	207-08-9	Benzo(k)fluoranthene	0.172		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	85-68-7	Butylbenzylphthalate	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	86-74-8	Carbazole	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	218-01-9	Chrysene	0.126		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	84-74-2	Di-n-butylphthalate	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	117-84-0	Di-n-octylphthalate	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0228		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	132-64-9	Dibenzofuran	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	84-66-2	Diethylphthalate	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	131-11-3	Dimethylphthalate	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	206-44-0	Fluoranthene	0.198		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	86-73-7	Fluorene	0.0201		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	118-74-1	Hexachlorobenzene	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	87-68-3	Hexachlorobutadiene	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.456	UJ	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	67-72-1	Hexachloroethane	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0958		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	78-59-1	Isophorone	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	91-20-3	Naphthalene	0.0228		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	98-95-3	Nitrobenzene	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	82-68-8	Pentachloronitrobenzene	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	87-86-5	Pentachlorophenol	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	85-01-8	Phenanthrene	0.149		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	108-95-2	Phenol	0.456	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	129-00-0	Pyrene	0.246		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW8270D	110-86-1	Pyridine	0.456	UJ	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD300FS	SED	FS	29-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.912	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	A209F	HLA0046	Percent Solids	53.6		PERCENT	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00933	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.028	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0187	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00933	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.028	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0187	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0187	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.116745	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00933	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	13600	J	MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.87	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW6020	7440-38-2	Arsenic	4.4		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.933	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW6020	7440-47-3	Chromium	21.7		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW6020	7440-50-8	Copper	16.8		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.12303158		NA	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW6020	7439-92-1	Lead	7.22		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW6020	7439-96-5	Manganese	262		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW6020	7440-02-0	Nickel	16.5		MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.87	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW6020	7440-22-4	Silver	1.87	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.87	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW6020	7440-66-6	Zinc	60	J	MG/KG	Y
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.933	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.933	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.467	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.00933	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.00933	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.00933	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.00933	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.00933	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.00933	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.00933	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.00933	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.00933	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.00933	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.00933	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.00933	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.467	UJ	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.00933	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.00933	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.00933	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.00933	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.467	U	MG/KG	N
SD2014-TF-D3	897248.164	624286.039	SD14TFD301FS	SED	FS	29-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.933	UJ	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	63.7		PERCENT	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0392	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00785	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0235	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0157	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00785	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0392	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0235	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0157	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0157	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.098025	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00785	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	20500		MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.57	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	6.47	MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	2.08	MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	192	MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW6020	7440-50-8	Copper	604	MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW6020	7439-92-1	Lead	84.7	MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	306	MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	40.1	MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.95	MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW6020	7440-22-4	Silver	2.54	MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.57	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	388	MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.73294288	NA	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0518	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	90-12-0	1-Methylnaphthalene	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	120-83-2	2,4-Dichlorophenol	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	105-67-9	2,4-Dimethylphenol	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	51-28-5	2,4-Dinitrophenol	0.785	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	121-14-2	2,4-Dinitrotoluene	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	606-20-2	2,6-Dinitrotoluene	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	91-58-7	2-Chloronaphthalene	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	95-57-8	2-Chlorophenol	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	91-57-6	2-Methylnaphthalene	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	95-48-7	2-Methylphenol	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	88-74-4	2-Nitroaniline	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	88-75-5	2-Nitrophenol	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	15831-10-4	3 & 4 Methylphenol	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	99-09-2	3-Nitroaniline	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.785	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	106-47-8	4-Chloroaniline	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	100-01-6	4-Nitroaniline	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	100-02-7	4-Nitrophenol	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	83-32-9	Acenaphthene	0.0392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	208-96-8	Acenaphthylene	0.112	MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	62-53-3	Aniline	0.392	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	120-12-7	Anthracene	0.0745	MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	56-55-3	Benzo(a)anthracene	0.302	MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	50-32-8	Benzo(a)pyrene	0.371	MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	205-99-2	Benzo(b)fluoranthene	0.31	MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	191-24-2	Benzo(ghi)perylene	0.243	MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	207-08-9	Benzo(k)fluoranthene	0.322	MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.392	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.392	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.392	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	85-68-7	Butylbenzylphthalate	0.392	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	86-74-8	Carbazole	0.392	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	218-01-9	Chrysene	0.288		MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	84-74-2	Di-n-butylphthalate	0.392	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	117-84-0	Di-n-octylphthalate	0.392	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.053		MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	132-64-9	Dibenzofuran	0.392	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	84-66-2	Diethylphthalate	0.392	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	131-11-3	Dimethylphthalate	0.392	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	206-44-0	Fluoranthene	0.473		MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	86-73-7	Fluorene	0.0412		MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	118-74-1	Hexachlorobenzene	0.392	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	87-68-3	Hexachlorobutadiene	0.392	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.392	UJ	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	67-72-1	Hexachloroethane	0.392	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.239		MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	78-59-1	Isophorone	0.392	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.392	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.392	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	91-20-3	Naphthalene	0.0431		MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	98-95-3	Nitrobenzene	0.392	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	82-68-8	Pentachloronitrobenzene	0.392	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	87-86-5	Pentachlorophenol	0.392	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	85-01-8	Phenanthrene	0.302		MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	108-95-2	Phenol	0.392	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	129-00-0	Pyrene	0.594		MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW8270D	110-86-1	Pyridine	0.392	UJ	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD400FS	SED	FS	29-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.785	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	A209F	HLA0046	Percent Solids	66.8		PERCENT	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00749	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0225	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.015	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00749	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0225	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.015	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.015	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.093635	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00749	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	6200	J	MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.5	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW6020	7440-38-2	Arsenic	3.7		MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.749	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW6020	7440-47-3	Chromium	16.3		MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW6020	7440-50-8	Copper	138		MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.198208801		NA	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW6020	7439-92-1	Lead	31.4		MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW6020	7439-96-5	Manganese	164		MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW6020	7440-02-0	Nickel	13.3		MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.5	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW6020	7440-22-4	Silver	1.5	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.5	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW6020	7440-66-6	Zinc	137	J	MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0374	UJ	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0374	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0374	UJ	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0374	UJ	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0374	UJ	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0374	UJ	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0374	UJ	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0374	UJ	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0374	UJ	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0374	UJ	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.749	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.749	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.00749	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.00749	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.00749	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0112		MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.00973		MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0146		MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.00749	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.00824		MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.00898		MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.00749	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.0161		MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.00749	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.374	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.374	UJ	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.00749	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.00749	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.00749	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.0225		MG/KG	Y
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.374	U	MG/KG	N
SD2014-TF-D4	897339.335	624454.83	SD14TFD401FS	SED	FS	29-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.749	UJ	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	58.8		PERCENT	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0425	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.0085	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0255	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.017	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.0085	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0425	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0255	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.017	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.017	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.10625	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0085	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	20800		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-36-0	Antimony	1.7	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-38-2	Arsenic	7.92		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-43-9	Cadmium	1.06		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-47-3	Chromium	118		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-50-8	Copper	579		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW6020	7439-92-1	Lead	102		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW6020	7439-96-5	Manganese	361		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-02-0	Nickel	30.7		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW6020	7782-49-2	Selenium	1.72		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-22-4	Silver	1.7	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-28-0	Thallium	1.7	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-66-6	Zinc	337		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.600181873		NA	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW7471	7439-97-6	Mercury	0.0561	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0425	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0425	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0425	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0425	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0425	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0425	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0425	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0425	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0425	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0425	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.424	UJ	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.424	UJ	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.424	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.848	UJ	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.424	UJ	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.424	UJ	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.424	UJ	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.424	UJ	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.848	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	62-53-3	Aniline	0.424	UJ	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.424	UJ	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	86-74-8	Carbazole	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	1.7	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	78-59-1	Isophorone	0.424	UJ	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.424	UJ	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.424	UJ	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	108-95-2	Phenol	0.424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270C	83-32-9	Acenaphthene		R	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270C	208-96-8	Acenaphthylene		R	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270C	120-12-7	Anthracene	0.0424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.136		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.165		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.131	J	MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.11		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.201		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270C	218-01-9	Chrysene	0.119		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0424	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.155		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0424	UJ	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.112		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.0784		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW8270C	129-00-0	Pyrene	0.206		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD500FS	SED	FS	01-May-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.85	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	A209F	HLA0046	Percent Solids	66.3		PERCENT	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0377	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00754	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0226	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0151	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00754	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0377	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0226	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0151	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0151	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.09426	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00754	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	15300	J	MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW6020	7440-36-0	Antimony	1.51	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW6020	7440-38-2	Arsenic	5.18		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW6020	7440-43-9	Cadmium	0.754	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW6020	7440-47-3	Chromium	24		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW6020	7440-50-8	Copper	160		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.25045259		NA	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW6020	7439-92-1	Lead	32.8		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW6020	7439-96-5	Manganese	254		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW6020	7440-02-0	Nickel	23.3		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW6020	7782-49-2	Selenium	1.51	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW6020	7440-22-4	Silver	1.51	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW6020	7440-28-0	Thallium	1.51	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW6020	7440-66-6	Zinc	175		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0377	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0377	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0377	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0377	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0377	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0377	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0377	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0377	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0377	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8082	1336-36-3	PCB (total)	0.0377	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.752	UJ	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.376	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.752	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.376	UJ	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	83-32-9	Acenaphthene	0.00752	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.00752	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	62-53-3	Aniline	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	120-12-7	Anthracene	0.00977		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0616		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.059		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0297		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0402		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0402		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.376	UJ	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.376	UJ	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	86-74-8	Carbazole	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	218-01-9	Chrysene	0.0398		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0188		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	206-44-0	Fluoranthene	0.0703		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	86-73-7	Fluorene	0.00752	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.376	UJ	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0372		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	78-59-1	Isophorone	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	91-20-3	Naphthalene	0.00752	UJ	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0319		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	108-95-2	Phenol	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	129-00-0	Pyrene	0.0846		MG/KG	Y
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW8270D	110-86-1	Pyridine	0.376	U	MG/KG	N
SD2014-TF-D5	897427.918	624639.295	SD14TFD501FS	SED	FS	01-May-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.754	UJ	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	54.2		PERCENT	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00922	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0277	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0184	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00922	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0277	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0184	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0184	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.11523	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00922	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	25700		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.84	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	7.78		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.01		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	88.1		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-50-8	Copper	806		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7439-92-1	Lead	121		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	334		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	29.2		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	2.23		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.84	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.84	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	433		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.733166005		NA	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0608	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	90-12-0	1-Methylnaphthalene	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	120-83-2	2,4-Dichlorophenol	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	105-67-9	2,4-Dimethylphenol	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	51-28-5	2,4-Dinitrophenol	0.922	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	121-14-2	2,4-Dinitrotoluene	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	606-20-2	2,6-Dinitrotoluene	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	91-58-7	2-Chloronaphthalene	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	95-57-8	2-Chlorophenol	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	91-57-6	2-Methylnaphthalene	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	95-48-7	2-Methylphenol	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	88-74-4	2-Nitroaniline	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	88-75-5	2-Nitrophenol	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	15831-10-4	3 & 4 Methylphenol	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	99-09-2	3-Nitroaniline	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.922	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	106-47-8	4-Chloroaniline	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	100-01-6	4-Nitroaniline	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	100-02-7	4-Nitrophenol	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	83-32-9	Acenaphthene	0.0184	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	208-96-8	Acenaphthylene	0.071		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	62-53-3	Aniline	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	120-12-7	Anthracene	0.0691		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	56-55-3	Benzo(a)anthracene	0.214		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	50-32-8	Benzo(a)pyrene	0.266		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	205-99-2	Benzo(b)fluoranthene	0.313		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	191-24-2	Benzo(ghi)perylene	0.162		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	207-08-9	Benzo(k)fluoranthene	0.23		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	85-68-7	Butylbenzylphthalate	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	86-74-8	Carbazole	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	218-01-9	Chrysene	0.186		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	84-74-2	Di-n-butylphthalate	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	117-84-0	Di-n-octylphthalate	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0369		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	132-64-9	Dibenzofuran	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	84-66-2	Diethylphthalate	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	131-11-3	Dimethylphthalate	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	206-44-0	Fluoranthene	0.319		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	86-73-7	Fluorene	0.0277		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	118-74-1	Hexachlorobenzene	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	87-68-3	Hexachlorobutadiene	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.461	UJ	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	67-72-1	Hexachloroethane	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.172		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	78-59-1	Isophorone	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	91-20-3	Naphthalene	0.0304		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	98-95-3	Nitrobenzene	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	82-68-8	Pentachloronitrobenzene	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	87-86-5	Pentachlorophenol	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	85-01-8	Phenanthrene	0.2		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	108-95-2	Phenol	0.461	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	129-00-0	Pyrene	0.359		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW8270D	110-86-1	Pyridine	0.461	UJ	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD600FS	SED	FS	25-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.922	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	A209F	HLA0046	Percent Solids	68.3		PERCENT	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00733	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.022	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0147	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00733	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.022	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0147	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0147	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.091645	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00733	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	10400	J	MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.47	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-38-2	Arsenic	5.57		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.733	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-47-3	Chromium	33.4		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-50-8	Copper	466		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.462732643		NA	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW6020	7439-92-1	Lead	114		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW6020	7439-96-5	Manganese	211		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-02-0	Nickel	18.5		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.47	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-22-4	Silver	1.47	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.47	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW6020	7440-66-6	Zinc	282	J	MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.733	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.733	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.00733	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.00733	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.00733	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0154		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.015		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0227		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.00916		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0106		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0114		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.00733	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.366	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.0132		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.00733	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.366	UJ	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.00769		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.00733	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.00733	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.0231		MG/KG	Y
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.366	U	MG/KG	N
SD2014-TF-D6	897508.008	624806.19	SD14TFD601FS	SED	FS	25-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.733	UJ	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	56.5		PERCENT	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00885	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0266	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0177	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00885	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0266	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0177	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0177	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.110725	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00885	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	23900		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.77	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	6.52		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.71		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	156		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-50-8	Copper	471		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW6020	7439-92-1	Lead	69.2		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	324		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	30.4		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.77	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.77	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.77	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	359		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.557338918		NA	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0584	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.443	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	90-12-0	1-Methylnaphthalene	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	120-83-2	2,4-Dichlorophenol	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	105-67-9	2,4-Dimethylphenol	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	51-28-5	2,4-Dinitrophenol	0.885	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	121-14-2	2,4-Dinitrotoluene	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	606-20-2	2,6-Dinitrotoluene	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	91-58-7	2-Chloronaphthalene	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	95-57-8	2-Chlorophenol	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	91-57-6	2-Methylnaphthalene	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	95-48-7	2-Methylphenol	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	88-74-4	2-Nitroaniline	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	88-75-5	2-Nitrophenol	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	15831-10-4	3 & 4 Methylphenol	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	99-09-2	3-Nitroaniline	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.885	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	106-47-8	4-Chloroaniline	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	100-01-6	4-Nitroaniline	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	100-02-7	4-Nitrophenol	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	83-32-9	Acenaphthene	0.0443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	208-96-8	Acenaphthylene	0.108		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	62-53-3	Aniline	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	120-12-7	Anthracene	0.0996		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	56-55-3	Benzo(a)anthracene	0.361		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	50-32-8	Benzo(a)pyrene	0.387		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	205-99-2	Benzo(b)fluoranthene	0.319		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	191-24-2	Benzo(ghi)perylene	0.243		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	207-08-9	Benzo(k)fluoranthene	0.367		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	85-68-7	Butylbenzylphthalate	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	86-74-8	Carbazole	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	218-01-9	Chrysene	0.319		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	84-74-2	Di-n-butylphthalate	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	117-84-0	Di-n-octylphthalate	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0575		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	132-64-9	Dibenzofuran	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	84-66-2	Diethylphthalate	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	131-11-3	Dimethylphthalate	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	206-44-0	Fluoranthene	0.513		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	86-73-7	Fluorene	0.0443		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	118-74-1	Hexachlorobenzene	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	87-68-3	Hexachlorobutadiene	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.443	UJ	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	67-72-1	Hexachloroethane	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.246		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	78-59-1	Isophorone	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	91-20-3	Naphthalene	0.0465		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	98-95-3	Nitrobenzene	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	82-68-8	Pentachloronitrobenzene	0.443	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	87-86-5	Pentachlorophenol	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	85-01-8	Phenanthrene	0.325		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	108-95-2	Phenol	0.443	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	129-00-0	Pyrene	0.633		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW8270D	110-86-1	Pyridine	0.443	UJ	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD700FS	SED	FS	25-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.885	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	A209F	HLA0046	Percent Solids	53.9		PERCENT	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0464	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00928	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0278	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0186	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00928	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0464	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0278	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0186	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0186	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.11602	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00928	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	32800	J	MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.86	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW6020	7440-38-2	Arsenic	9.41		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW6020	7440-43-9	Cadmium	4.38		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW6020	7440-47-3	Chromium	718		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW6020	7440-50-8	Copper	2400		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	2.056001852		NA	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW6020	7439-92-1	Lead	192		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW6020	7439-96-5	Manganese	355		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW6020	7440-02-0	Nickel	50		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.86	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW6020	7440-22-4	Silver	1.86	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.86	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW6020	7440-66-6	Zinc	1200	J	MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0464	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0464	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0464	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0464	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0464	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0464	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0464	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0464	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0464	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0464	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiiisopropylether	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.926	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.463	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.926	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0926	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.144		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0926		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.435		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.37		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.31		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.231		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.338		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.338		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0926		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.505		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0926	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.463	UJ	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.199		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0926	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.264		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.903		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.463	U	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD701FS	SED	FS	25-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.928	UJ	MG/KG	N
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.00051	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.012		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.039		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0083		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0046		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.023		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.045		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.14		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	9.87		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	4.04		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	396		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	2170		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	1.815610724		NA	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	203		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	2.98		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	43.7		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	1.28		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	1120		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.026	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.026	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.026	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.026	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.026	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.026	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.026	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.028		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.45		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD702FS	SED	FS	03-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.478		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0037	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0044	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0025	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0048	UJ	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0044	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.031	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	0.98		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	3.9	J	MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	26.8		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.061473431		NA	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	7.91		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.08		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	3.34		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	32.7		MG/KG	Y
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.026	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.026	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.026	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.026	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.026	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.026	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.026	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.026	U	MG/KG	
SD2014-TF-D7	897585.708	624996.998	SD14TFD703FSH	SED	FS	03-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.026	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	74		PERCENT	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0338	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.0973	J	MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.341		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.79		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.027	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.135	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.154		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	4.36		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	14.7		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	28.9202	J	MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	8.38		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	28200		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.35	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	5.14		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	4.6		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	352		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-50-8	Copper	318		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW6020	7439-92-1	Lead	78.4		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	509		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	663		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.35	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-22-4	Silver	5.71		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.35	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	276		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	2.263326072		NA	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0446	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.338	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.338	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.338	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.338	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	20.5	J	MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.338	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	1.78	J	MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.338	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.338	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	22.3	J	MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.338	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.338	UJ	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.338	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.338	UJ	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.338	UJ	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.338	UJ	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	3.38	UJ	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.338	UJ	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	3.38	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.338	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.338	UJ	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.338	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.338	UJ	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	3.38	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.338	UJ	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	3.38	UJ	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	3.38	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	3.38	UJ	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.338	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	3.38	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	3.38	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.338	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.338	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.338	UJ	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	13.8	J	MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	3.38	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	3.38	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	3.38	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	3.38	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	3.38	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	3.38	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	3.38	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	3.38	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.338	UJ	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	78-59-1	Isophorone		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	3.38	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.338	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.338	UJ	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.852	J	MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.568	J	MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	1.97		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	2.91	J	MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	3.31		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	4.69		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	3.43		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	2.84		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	3.58		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	1.73	J	MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	7.71		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	1.27	J	MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	3.5	J	MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.46	J	MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	3.18		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	6.02		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE000FS	SED	FS	16-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.879	J	MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	A209F	HLA0046	Percent Solids	69.9		PERCENT	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00715	UJ	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0215	UJ	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0143	UJ	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00715	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0215	UJ	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.107	J	MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.208	J	MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.4417	J	MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.0551	J	MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	4970	J	MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.43	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW6020	7440-38-2	Arsenic	7.26		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW6020	7440-43-9	Cadmium	2.37		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW6020	7440-47-3	Chromium	206		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW6020	7440-50-8	Copper	141		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.449991144		NA	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW6020	7439-92-1	Lead	24		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW6020	7439-96-5	Manganese	337		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW6020	7440-02-0	Nickel	79.6		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.43	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW6020	7440-22-4	Silver	1.43	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.43	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW6020	7440-66-6	Zinc	133		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.475		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.475		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.358	UJ	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.265		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0329		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	62-53-3	Aniline		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.357		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	1.14		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	1.07		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	2.72		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.715	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	1.11		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	218-01-9	Chrysene	1		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.358	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.337		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	3.04		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.283		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.358	UJ	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.358	UJ	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.715	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	78-59-1	Isophorone		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.119		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.358	U	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	2.4		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.358	UJ	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	129-00-0	Pyrene	2.29		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW8270D	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE001FS	SED	FS	16-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.715	UJ	MG/KG	N
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.1		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	21.7		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	11.9		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.106314697		NA	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	6.72		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	16.1		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	59.4		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE003FS	SED	FS	03-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00089	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.00089	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0066		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.21		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-47-3	Chromium	22.4		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-50-8	Copper	12.6		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.113147915		NA	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7439-92-1	Lead	7.18		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-02-0	Nickel	17.8		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-66-6	Zinc	59.1		MG/KG	Y
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-TF-DE0	897113.149	623783.308	SD14TFDE005FS	SED	FS	03-Apr-15	5	6	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	54.6		PERCENT	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00916	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0275	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.022		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00916	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0275	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0183	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.227		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.57961		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.239		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	42800		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.83	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	8.59		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	4.59		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	404		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-50-8	Copper	654		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	1.165571513		NA	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-92-1	Lead	97.6		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	361		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	102		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.83	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-22-4	Silver	5.82		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.83	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	497		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0605	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS	23-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0458	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.523		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0964		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.619		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.458	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.458	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.916	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.458	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.916	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.458	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.458	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.458	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.458	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.458	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.458	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.458	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.458	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.848		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.458	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.939		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE100FS	SED	FS		23-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.916	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	A209F	HLA0046	Percent Solids	53.2		PERCENT	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.047	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.0094	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0282	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0188	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.0094	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.047	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0282	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0188	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0188	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.1175	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.0094	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	22900	J	MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.88	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW6020	7440-38-2	Arsenic	6.52		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW6020	7440-43-9	Cadmium	6.05		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW6020	7440-47-3	Chromium	464		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW6020	7440-50-8	Copper	1160		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	1.154454075		NA	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW6020	7439-92-1	Lead	110		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW6020	7439-96-5	Manganese	359		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW6020	7440-02-0	Nickel	37.8		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.88	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW6020	7440-22-4	Silver	1.88	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.88	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW6020	7440-66-6	Zinc	603		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.047	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.047	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.047	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.047	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.047	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.047	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.047	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.047	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.047	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.047	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.942	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.942	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.471	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0188	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0198		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0188	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.066		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0603		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0669		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0358		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0528		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.471	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.471	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0518		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0236		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.0773		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0188	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.471	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0377		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0188	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0405		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.0867		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.471	U	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE101FS	SED	FS		23-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.94	UJ	MG/KG	N
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS		07-Apr-15	7	8	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0023	U	MG/KG	
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0035	U	MG/KG	
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0023	U	MG/KG	
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045	U	MG/KG	
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	8270SIM	HLA0482	Total Homolog (PCBs)	0.029	U	MG/KG	
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0023	U	MG/KG	
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.27		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	SW846 3rd Ed. 6020	7440-47-3	Chromium	21.8	J	MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	SW846 3rd Ed. 6020	7440-50-8	Copper	9.38		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.10155707		NA	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	SW846 3rd Ed. 6020	7439-92-1	Lead	5.86		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	SW846 3rd Ed. 6020	7440-02-0	Nickel	15.5		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	SW846 3rd Ed. 6020	7440-66-6	Zinc	52.9		MG/KG	Y
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	SW846 8082	12674-11-2	Aroclor-1016	0.024	U	MG/KG	
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	SW846 8082	11104-28-2	Aroclor-1221	0.024	U	MG/KG	
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	SW846 8082	11141-16-5	Aroclor-1232	0.024	U	MG/KG	
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	SW846 8082	53469-21-9	Aroclor-1242	0.024	U	MG/KG	
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	SW846 8082	12672-29-6	Aroclor-1248	0.024	U	MG/KG	
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	SW846 8082	11097-69-1	Aroclor-1254	0.024	U	MG/KG	
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	SW846 8082	11096-82-5	Aroclor-1260	0.024	U	MG/KG	
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	SW846 8082	37324-23-5	Aroclor-1262	0.024	U	MG/KG	
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	SW846 8082	11100-14-4	Aroclor-1268	0.024	U	MG/KG	
SD2014-TF-E1	897252.657	623830.475	SD14TFE107FS	SED	FS	07-Apr-15	7	8	SW846 8082	HLA0392	Total Aroclor (CALC)	0.024	U	MG/KG	
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	59.7		PERCENT	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00838	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0251	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0168	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00838	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0251	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0251		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.171		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.43288		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.153		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	21400		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.68	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	5.33		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.91		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	199		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-50-8	Copper	271		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7439-92-1	Lead	70.4		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	267		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	57.1		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.68	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-22-4	Silver	2.81		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.68	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	207		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.563813146		NA	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0553	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0419	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.271		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0534		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.325		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	90-12-0	1-Methylnaphthalene	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	120-83-2	2,4-Dichlorophenol	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	105-67-9	2,4-Dimethylphenol	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	51-28-5	2,4-Dinitrophenol	0.838	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	121-14-2	2,4-Dinitrotoluene	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	606-20-2	2,6-Dinitrotoluene	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	91-58-7	2-Chloronaphthalene	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	95-57-8	2-Chlorophenol	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	91-57-6	2-Methylnaphthalene	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	95-48-7	2-Methylphenol	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	88-74-4	2-Nitroaniline	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	88-75-5	2-Nitrophenol	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	15831-10-4	3 & 4 Methylphenol	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	99-09-2	3-Nitroaniline	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.838	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	106-47-8	4-Chloroaniline	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	100-01-6	4-Nitroaniline	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	100-02-7	4-Nitrophenol	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	83-32-9	Acenaphthene	0.0419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	208-96-8	Acenaphthylene	0.0461		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	62-53-3	Aniline	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	120-12-7	Anthracene	0.067		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	56-55-3	Benzo(a)anthracene	0.283		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	50-32-8	Benzo(a)pyrene	0.31		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	205-99-2	Benzo(b)fluoranthene	0.354		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	191-24-2	Benzo(ghi)perylene	0.232		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	207-08-9	Benzo(k)fluoranthene	0.364		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	85-68-7	Butylbenzylphthalate	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	86-74-8	Carbazole	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	218-01-9	Chrysene	0.256		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	84-74-2	Di-n-butylphthalate	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	117-84-0	Di-n-octylphthalate	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.044		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	132-64-9	Dibenzofuran	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	84-66-2	Diethylphthalate	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	131-11-3	Dimethylphthalate	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	206-44-0	Fluoranthene	0.517		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	86-73-7	Fluorene	0.0419	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	118-74-1	Hexachlorobenzene	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	87-68-3	Hexachlorobutadiene	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.419	UJ	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	67-72-1	Hexachloroethane	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.23		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	78-59-1	Isophorone	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	91-20-3	Naphthalene	0.0419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	98-95-3	Nitrobenzene	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	82-68-8	Pentachloronitrobenzene	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	87-86-5	Pentachlorophenol	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	85-01-8	Phenanthrene	0.367		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	108-95-2	Phenol	0.419	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	129-00-0	Pyrene	0.48		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW8270D	110-86-1	Pyridine	0.419	UJ	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE200FS	SED	FS	25-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.838	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	A209F	HLA0046	Percent Solids	56.6		PERCENT	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0442	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00884	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0265	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0177	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00884	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0442	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0265	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0177	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0177	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.11051	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00884	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	17200	J	MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.77	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW6020	7440-38-2	Arsenic	5.27		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.884	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW6020	7440-47-3	Chromium	46.1		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW6020	7440-50-8	Copper	276		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.307745207		NA	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW6020	7439-92-1	Lead	26.5		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW6020	7439-96-5	Manganese	241		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW6020	7440-02-0	Nickel	19.2		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.77	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW6020	7440-22-4	Silver	1.77	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.77	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW6020	7440-66-6	Zinc	189	J	MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0442	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0442	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0442	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0442	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0442	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0442	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0442	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0442	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0442	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0442	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.443	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.886	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.886	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.00886	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.00886	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.00886	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0164		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0159		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0142		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0106		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0137		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0137		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.00886	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.019		MG/KG	Y
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.00886	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.443	UJ	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.00886	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.00886	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.00886	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.027		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.443	U	MG/KG	N
SD2014-TF-E2	897336.501	624007.892	SD14TFE201FS	SED	FS	29-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.884	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	59		PERCENT	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0424	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00848	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0254	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.017	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00848	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0424	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0254	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.017	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.017		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.11452		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00848	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	15000		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-36-0	Antimony	1.7	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-38-2	Arsenic	5.91		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-43-9	Cadmium	0.848	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-47-3	Chromium	69.1		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-50-8	Copper	171		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW6020	7439-92-1	Lead	35.4		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW6020	7439-96-5	Manganese	302		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-02-0	Nickel	26.8		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW6020	7782-49-2	Selenium	1.81		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-22-4	Silver	1.7	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-28-0	Thallium	1.7	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-66-6	Zinc	152		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.278863991		NA	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW7471	7439-97-6	Mercury	0.056	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0424	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0424	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0424	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0424	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0424	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0424	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0424	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0424	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0424	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0424	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.423	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.423	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.846	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.423	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.423	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.423	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.423	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.423	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.846	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	62-53-3	Aniline	0.423	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.423	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	86-74-8	Carbazole	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	78-59-1	Isophorone	0.423	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.423	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.423	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	108-95-2	Phenol	0.423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270C	83-32-9	Acenaphthene		R	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270C	208-96-8	Acenaphthylene		R	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270C	120-12-7	Anthracene	0.0423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.0973		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.0951		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.0994	J	MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.0529		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.112		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270C	218-01-9	Chrysene	0.0909		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0423	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.135		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0423	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.0571		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.0782		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW8270C	129-00-0	Pyrene	0.144		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE300FS	SED	FS	01-May-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.848	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	A209F	HLA0046	Percent Solids	64.1		PERCENT	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.039	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.0078	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0234	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0156	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.0078	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.039	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0234	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0156	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0156	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.0975	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.0078	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	9210	J	MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW6020	7440-36-0	Antimony	1.56	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW6020	7440-38-2	Arsenic	3.77		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW6020	7440-43-9	Cadmium	0.78	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW6020	7440-47-3	Chromium	18.1		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW6020	7440-50-8	Copper	10.4		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.100846544		NA	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW6020	7439-92-1	Lead	5.27		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW6020	7439-96-5	Manganese	226		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW6020	7440-02-0	Nickel	13.9		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW6020	7782-49-2	Selenium	1.56	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW6020	7440-22-4	Silver	1.56	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW6020	7440-28-0	Thallium	1.56	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW6020	7440-66-6	Zinc	49.4		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.039	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.039	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.039	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.039	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.039	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.039	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.039	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.039	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.039	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8082	1336-36-3	PCB (total)	0.039	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.779	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.779	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.389	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	83-32-9	Acenaphthene	0.00779	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.00779	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	62-53-3	Aniline	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	120-12-7	Anthracene	0.00779	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.00779	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.00779	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.00779	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.00779	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.00779	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.389	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.389	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	86-74-8	Carbazole	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	218-01-9	Chrysene	0.00779	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.00779	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	206-44-0	Fluoranthene	0.00779	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	86-73-7	Fluorene	0.00934		MG/KG	Y
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.389	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.00779	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	78-59-1	Isophorone	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	91-20-3	Naphthalene	0.00779	UJ	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	85-01-8	Phenanthrene	0.00779	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	108-95-2	Phenol	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	129-00-0	Pyrene	0.00779	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW8270D	110-86-1	Pyridine	0.389	U	MG/KG	N
SD2014-TF-E3	897430.399	624193.247	SD14TFE301FS	SED	FS	01-May-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.78	UJ	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	60.2		PERCENT	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00831	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0249	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0166	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00831	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0249	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0166	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0166	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.103765	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00831	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	12000		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-36-0	Antimony	1.66	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-38-2	Arsenic	5.45		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-43-9	Cadmium	0.831	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-47-3	Chromium	60.6		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-50-8	Copper	278		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.339555011		NA	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW6020	7439-92-1	Lead	48.9		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW6020	7439-96-5	Manganese	254		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-02-0	Nickel	21.5		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW6020	7782-49-2	Selenium	1.66	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-22-4	Silver	1.66	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-28-0	Thallium	1.66	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-66-6	Zinc	220		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW7471	7439-97-6	Mercury	0.0548	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.415	UJ	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.415	UJ	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.831	UJ	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.415	UJ	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.415	UJ	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.415	UJ	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.415	UJ	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.831	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	62-53-3	Aniline	0.415	UJ	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.415	UJ	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	86-74-8	Carbazole	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	1.66	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	78-59-1	Isophorone	0.415	UJ	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.415	UJ	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.415	UJ	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.415	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	108-95-2	Phenol	0.415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270C	83-32-9	Acenaphthene		R	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.0602	J	MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270C	120-12-7	Anthracene	0.054		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.21		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.237		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.208	J	MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.133		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.268		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270C	218-01-9	Chrysene	0.195		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0415	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.283		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0415	UJ	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.135		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.174		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW8270C	129-00-0	Pyrene	0.353		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE400FS	SED	FS	01-May-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.831	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	A209F	HLA0046	Percent Solids	70.4		PERCENT	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.0071	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0213	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0142	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.0071	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0213	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0142	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0142	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.08875	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.0071	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	7300	J	MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW6020	7440-36-0	Antimony	1.42	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW6020	7440-38-2	Arsenic	3.91		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW6020	7440-43-9	Cadmium	0.71	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW6020	7440-47-3	Chromium	61.2		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW6020	7440-50-8	Copper	247		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.312242732		NA	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW6020	7439-92-1	Lead	43.8		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW6020	7439-96-5	Manganese	187		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW6020	7440-02-0	Nickel	26.7		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW6020	7782-49-2	Selenium	1.42	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW6020	7440-22-4	Silver	1.42	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW6020	7440-28-0	Thallium	1.42	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW6020	7440-66-6	Zinc	170		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8082	1336-36-3	PCB (total)	0.0355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.355	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.71	UJ	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.71	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.355	UJ	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0142	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0305		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	62-53-3	Aniline	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	120-12-7	Anthracene	0.0256		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.114		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.119		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.144		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.081		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0774		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.355	UJ	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.355	UJ	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	86-74-8	Carbazole	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	218-01-9	Chrysene	0.0902		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0341		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	206-44-0	Fluoranthene	0.131		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	86-73-7	Fluorene	0.0142	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.355	UJ	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.081		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	78-59-1	Isophorone	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	91-20-3	Naphthalene	0.0142	UJ	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.355	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0866		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	108-95-2	Phenol	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	129-00-0	Pyrene	0.148		MG/KG	Y
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW8270D	110-86-1	Pyridine	0.355	U	MG/KG	N
SD2014-TF-E4	897513.861	624370.621	SD14TFE401FS	SED	FS	01-May-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.71	UJ	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	63		PERCENT	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00794	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0238	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0159	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00794	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0238	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0159	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0159	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.09926	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00794	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	5640		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-36-0	Antimony	1.59	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-38-2	Arsenic	2.17		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-43-9	Cadmium	0.794	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-47-3	Chromium	18.2		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-50-8	Copper	79.2		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW6020	7439-92-1	Lead	18.3		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW6020	7439-96-5	Manganese	128		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-02-0	Nickel	8.29		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW6020	7782-49-2	Selenium	1.59	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-22-4	Silver	1.59	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-28-0	Thallium	1.59	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-66-6	Zinc	77.5		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.132921227		NA	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW7471	7439-97-6	Mercury	0.0524	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.397	UJ	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.397	UJ	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.794	UJ	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.397	UJ	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.397	UJ	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.397	UJ	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.397	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.397	UJ	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.794	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	62-53-3	Aniline	0.397	UJ	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.397	UJ	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	86-74-8	Carbazole	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	1.59	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	78-59-1	Isophorone	0.397	UJ	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.397	UJ	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.397	UJ	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	108-95-2	Phenol	0.397	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270C	83-32-9	Acenaphthene		R	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270C	208-96-8	Acenaphthylene		R	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270C	120-12-7	Anthracene	0.0159	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.031		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.0278		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.0238	J	MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.0159	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.0365		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270C	218-01-9	Chrysene	0.0246		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0159	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.0349		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0159	UJ	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.0159		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.0167		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW8270C	129-00-0	Pyrene	0.0445		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE500FS	SED	FS	01-May-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.794	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	A209F	HLA0046	Percent Solids	72.7		PERCENT	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00688	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0206	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0138	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00688	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0206	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0138	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0138	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.08602	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00688	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	3270	J	MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW6020	7440-36-0	Antimony	1.38	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW6020	7440-38-2	Arsenic	2.51		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW6020	7440-43-9	Cadmium	0.688	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW6020	7440-47-3	Chromium	11.8		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW6020	7440-50-8	Copper	101		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.150100747		NA	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW6020	7439-92-1	Lead	25.8		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW6020	7439-96-5	Manganese	123		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW6020	7440-02-0	Nickel	9.05		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW6020	7782-49-2	Selenium	1.38	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW6020	7440-22-4	Silver	1.38	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW6020	7440-28-0	Thallium	1.38	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW6020	7440-66-6	Zinc	99.6		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8082	1336-36-3	PCB (total)	0.0344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol		R	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.688	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.344	UJ	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0138	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.02		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	62-53-3	Aniline	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	120-12-7	Anthracene	0.0138	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0681		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0764		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0543		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0427		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0502		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.344	UJ	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.344	UJ	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.344	UJ	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	86-74-8	Carbazole	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	218-01-9	Chrysene	0.0488		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0206		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	206-44-0	Fluoranthene	0.0599		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	86-73-7	Fluorene	0.0138	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.344	UJ	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.344	UJ	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0413		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	78-59-1	Isophorone	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	91-20-3	Naphthalene	0.0138	UJ	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0268		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	108-95-2	Phenol	0.344	U	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	129-00-0	Pyrene	0.0695		MG/KG	Y
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW8270D	110-86-1	Pyridine	0.344	UJ	MG/KG	N
SD2014-TF-E5	897601.882	624551.015	SD14TFE501FS	SED	FS	01-May-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.688	UJ	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	61		PERCENT	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.041	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00819	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0246	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0164	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00819	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.041	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0246	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0164	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0164	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.102485	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00819	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	25700		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW6020	7440-36-0	Antimony	1.64	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW6020	7440-38-2	Arsenic	6.85		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW6020	7440-43-9	Cadmium	2.9		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW6020	7440-47-3	Chromium	210		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW6020	7440-50-8	Copper	741		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW6020	7439-92-1	Lead	107		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW6020	7439-96-5	Manganese	391		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW6020	7440-02-0	Nickel	39.1		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW6020	7782-49-2	Selenium	1.78		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW6020	7440-22-4	Silver	2.58		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW6020	7440-28-0	Thallium	1.64	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW6020	7440-66-6	Zinc	502		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.860277207		NA	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW7471	7439-97-6	Mercury	0.0541	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.041	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.041	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.041	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.041	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.041	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0591		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.041	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.18		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.041	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.239		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.41	UJ	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	90-12-0	1-Methylnaphthalene	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.41	UJ	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	120-83-2	2,4-Dichlorophenol	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	105-67-9	2,4-Dimethylphenol	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	51-28-5	2,4-Dinitrophenol	0.819	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	121-14-2	2,4-Dinitrotoluene	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	606-20-2	2,6-Dinitrotoluene	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	91-58-7	2-Chloronaphthalene	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	95-57-8	2-Chlorophenol	0.41	UJ	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	91-57-6	2-Methylnaphthalene	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	95-48-7	2-Methylphenol	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	88-74-4	2-Nitroaniline	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	88-75-5	2-Nitrophenol	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	15831-10-4	3 & 4 Methylphenol	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	99-09-2	3-Nitroaniline	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.819	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	106-47-8	4-Chloroaniline	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	100-01-6	4-Nitroaniline	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	100-02-7	4-Nitrophenol	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	83-32-9	Acenaphthene	0.0963	J	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	208-96-8	Acenaphthylene	0.154	J	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	62-53-3	Aniline	0.41	UJ	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	120-12-7	Anthracene	0.0963		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	56-55-3	Benzo(a)anthracene	0.166		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	50-32-8	Benzo(a)pyrene	0.201		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	205-99-2	Benzo(b)fluoranthene	0.18		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	191-24-2	Benzo(ghi)perylene	0.137		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	207-08-9	Benzo(k)fluoranthene	0.164		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.41	UJ	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	85-68-7	Butylbenzylphthalate	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	86-74-8	Carbazole	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	218-01-9	Chrysene	0.16		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	84-74-2	Di-n-butylphthalate	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	117-84-0	Di-n-octylphthalate	0.41	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0471		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	132-64-9	Dibenzofuran	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	84-66-2	Diethylphthalate	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	131-11-3	Dimethylphthalate	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	206-44-0	Fluoranthene	0.266		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	86-73-7	Fluorene	0.111		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	118-74-1	Hexachlorobenzene	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	87-68-3	Hexachlorobutadiene	0.41	UJ	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.117		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	78-59-1	Isophorone	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.41	UJ	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	91-20-3	Naphthalene	0.0942	J	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	98-95-3	Nitrobenzene	0.41	UJ	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	82-68-8	Pentachloronitrobenzene	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	87-86-5	Pentachlorophenol	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	85-01-8	Phenanthrene	0.119		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	108-95-2	Phenol	0.41	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	129-00-0	Pyrene	0.309		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW8270D	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE600FS	SED	FS	01-May-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.819	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	A209F	HLA0046	Percent Solids	44.6		PERCENT	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.0112	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0337	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0348		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.0112	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0337	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0741		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0224	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.2267		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.0112	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	28300	J	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW6020	7440-36-0	Antimony	2.24	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW6020	7440-38-2	Arsenic	10.4		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW6020	7440-43-9	Cadmium	5.92		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW6020	7440-47-3	Chromium	678		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW6020	7440-50-8	Copper	1770		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	2.044248755		NA	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW6020	7439-92-1	Lead	181		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW6020	7439-96-5	Manganese	359		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW6020	7440-02-0	Nickel	62.7		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW6020	7782-49-2	Selenium	2.24	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW6020	7440-22-4	Silver	9.87		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW6020	7440-28-0	Thallium	2.24	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW6020	7440-66-6	Zinc	1020		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8082	1336-36-3	PCB (total)	0.0561	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	1.12	UJ	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	1.12	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.561	UJ	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.561	UJ	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0583		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.118		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	62-53-3	Aniline	0.561	UJ	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	120-12-7	Anthracene	0.0617		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.301		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.19		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.166		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.121		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.149		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	86-74-8	Carbazole	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	218-01-9	Chrysene	0.187		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.055		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	206-44-0	Fluoranthene	0.348		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	86-73-7	Fluorene	0.0774		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.561	UJ	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.561	UJ	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.12		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	78-59-1	Isophorone	0.561	UJ	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	91-20-3	Naphthalene	0.0673		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	85-01-8	Phenanthrene	0.188		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	108-95-2	Phenol	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	129-00-0	Pyrene	0.374		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW8270D	110-86-1	Pyridine	0.561	U	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE601FS	SED	FS	01-May-14	1	2	SW9010A	57-12-5	Cyanide, Total	1.12	UJ	MG/KG	N
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.017		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.13		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.14		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00089	U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.066		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.12		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.14		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.016		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.63		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	83-32-9	Acenaphthene	0.17		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.29		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	120-12-7	Anthracene	0.75		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	2.7		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	2.3		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	2		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	1.1		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	1.8		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	218-01-9	Chrysene	3.5		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.25		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	206-44-0	Fluoranthene	6.8		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	86-73-7	Fluorene	0.4		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	1.2		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	91-20-3	Naphthalene	0.26		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	85-01-8	Phenanthrene	2.7		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	129-00-0	Pyrene	7.5		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.011		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.00099	J	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.00099	U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.00099	U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0016		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0012		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.00081	J	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0011		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.00099	U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.013		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0023		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0044		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.00099	U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0015		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.002		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.01		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.017		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0058		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.031		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0071		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.00099	U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.027		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0047		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.047		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	12.2	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	19.3	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	1450	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	2030 J	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	2.438547146	NA	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	187	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	1.17	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	48.7	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	2.84	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	1360	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025 U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025 U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025 U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025 U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.025 U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.13	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.43	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.24	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.16	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.96	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE602FS	SED	FS	02-Apr-15	2	3	SW846 9060	HLA0011	Total Organic Carbon	5.1	PERCENT	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.017	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024 U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.14	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.068	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009 U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.078	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.16	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.052	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0082	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.53	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024 U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	83-32-9	Acenaphthene	0.16	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.29	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	120-12-7	Anthracene	0.83	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	2.4	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	1.6	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	1.4	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.71	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	1.2	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	218-01-9	Chrysene	3	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.16	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	206-44-0	Fluoranthene	3.8	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	86-73-7	Fluorene	0.61	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.71	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	91-20-3	Naphthalene	0.26 J	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	85-01-8	Phenanthrene	3.8	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	129-00-0	Pyrene	5.2	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.027	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0002 U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0002 U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0002 U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.002	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0029	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0002 U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0002 U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0002 U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.025	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0002 U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0079		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.002	U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0088	U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.005		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.026	U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.034		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.011	U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.066		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.02	U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.012		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.066		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.012	U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.11		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	13.8		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	23.9		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	850	J	MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	1210		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	07-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	1.631353385		NA	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	123		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.65		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	36.6		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	1.65		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	765		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.093		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.26		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.14		MG/KG	Y
SD2014-TF-E6	897687.808	624733.714	SD14TFE603FSH	SED	FS	02-Apr-15	3	4	SW846 9060	HLA0011	Total Organic Carbon	0.44		PERCENT	Y
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	42.6		PERCENT	Y
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0587	U	MG/KG	N
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.0117	U	MG/KG	N
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0352	U	MG/KG	N
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0235	U	MG/KG	N
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.0117	U	MG/KG	N
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0587	U	MG/KG	N
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0352	U	MG/KG	N
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0669		MG/KG	Y
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.488		MG/KG	Y
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	1.29625		MG/KG	Y
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.624		MG/KG	Y
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	28900		MG/KG	Y
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	2.35	U	MG/KG	N
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	6.41		MG/KG	Y
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.39		MG/KG	Y
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	146		MG/KG	Y
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-50-8	Copper	204		MG/KG	Y
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW6020	7439-92-1	Lead	58.9		MG/KG	Y
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	378		MG/KG	Y
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	104		MG/KG	Y
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	2.35	U	MG/KG	N
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-22-4	Silver	4.6		MG/KG	Y
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	2.35	U	MG/KG	N
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	238		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.686991457	NA	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0774 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.191	MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0713	MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.263	MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.587 UJ	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.587 UJ	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	1.17 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	1.17 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.587 UJ	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	5.87 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.587 UJ	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.587 UJ	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	0.587 UJ	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.587 U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.587 U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.587	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.587	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.235	UJ	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.235	UJ	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.446		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	1.2		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.974		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.657		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.305		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	1.23		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	1.21		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.235	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	2.49		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.235	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.317		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.235	UJ	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	1.14		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	2.49		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF000FS	SED	FS	16-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	1.17	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	A209F	HLA0046	Percent Solids	67.9		PERCENT	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00736	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0221	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0147	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00736	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0221	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0147	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0147	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.09199	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00736	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	3580	J	MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.47	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW6020	7440-38-2	Arsenic	3.07		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW6020	7440-43-9	Cadmium	5.04		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW6020	7440-47-3	Chromium	29.5		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW6020	7440-50-8	Copper	19.7		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.170408343		NA	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW6020	7439-92-1	Lead	6.15		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW6020	7439-96-5	Manganese	201		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW6020	7440-02-0	Nickel	14.9		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.47	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW6020	7440-22-4	Silver	1.47	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.47	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW6020	7440-66-6	Zinc	51.7		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.368	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.736	UJ	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.736	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.368	UJ	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.368	UJ	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0147	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0147	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.368	UJ	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0147	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0272		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0265		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0346		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0214		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.025		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0228		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0147	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.0596		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0147	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.368	UJ	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.368	UJ	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0199		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.368	UJ	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0302		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.368	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0412		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.0515		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.368	U	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF001FS	SED	FS	16-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.736	UJ	MG/KG	N
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0037	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0025	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.031	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.66		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	23.8		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	10.4		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.109437665		NA	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	6.65		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	17.1		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	58.5		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.026	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.026	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.026	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.026	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.026	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.026	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.026	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.026	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.026	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF003FS	SED	FS	03-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	0.026	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.73		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-47-3	Chromium	24.7		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-50-8	Copper	12.6		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.117830521		NA	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7439-92-1	Lead	7.64		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-02-0	Nickel	18.6		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-66-6	Zinc	67.5		MG/KG	Y
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-EFO	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-TF-EF0	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF005FS	SED	FS	03-Apr-15	5	6	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0037	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-38-2	Arsenic	7.01		MG/KG	Y
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.56		MG/KG	Y
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-47-3	Chromium	26.6		MG/KG	Y
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-50-8	Copper	14.7		MG/KG	Y
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.127967224		NA	Y
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7439-92-1	Lead	8.59		MG/KG	Y
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-02-0	Nickel	20.3		MG/KG	Y
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-66-6	Zinc	70.1		MG/KG	Y
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-TF-EF0	897274.126	623697.754	SD14TFEF007FS	SED	FS	03-Apr-15	7	8	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2014-TF-F1	897433.244	623728.822	SD14TFEF100FS	SED	FS	21-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	77.4		PERCENT	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFEF100FS	SED	FS	21-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0323	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFEF100FS	SED	FS	21-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00646	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFEF100FS	SED	FS	21-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0207		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFEF100FS	SED	FS	21-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0129	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFEF100FS	SED	FS	21-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00646	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFEF100FS	SED	FS	21-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0323	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFEF100FS	SED	FS	21-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0194	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFEF100FS	SED	FS	21-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.186		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFEF100FS	SED	FS	21-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.314		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFEF100FS	SED	FS	21-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.65631		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFEF100FS	SED	FS	21-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0807		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFEF100FS	SED	FS	21-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-F1	897433.244	623728.822	SD14TFEF100FS	SED	FS	21-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	23100		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFEF100FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.29	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFEF100FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	4.51		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFEF100FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	3.04		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFEF100FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	133		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFEF100FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-50-8	Copper	195		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFEF100FS	SED	FS	21-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.542190785		NA	Y

2014-2015 Sediment Analytical Data

SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW6020	7439-92-1	Lead	44.9		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	253		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	40.7		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.29		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-22-4	Silver	5.44		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.29	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	168		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0426	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0323	UJ	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0323	UJ	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0323	UJ	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0323	UJ	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0856	J	MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0323	UJ	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0376	J	MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0323	UJ	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0323	UJ	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.123	J	MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	62-53-3	Aniline		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	86-74-8	Carbazole		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	78-59-1	Isophorone		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	108-95-2	Phenol		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0646	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.0646	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.0646	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.0969		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.136		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.103	J	MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.0646	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.126		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.116		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0646	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.181		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0646	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.0646	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.0646	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.071		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.21		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF100FS	SED	FS	21-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.646	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	A209F	HLA0046	Percent Solids	57.9		PERCENT	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0431	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00863	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0259	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0173	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00863	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0431	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0259	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0173	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0173	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.107895	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00863	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	18200	J	MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.73	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW6020	7440-38-2	Arsenic	6.55		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW6020	7440-43-9	Cadmium	3.65		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW6020	7440-47-3	Chromium	322		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW6020	7440-50-8	Copper	746		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.811848026		NA	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW6020	7439-92-1	Lead	62.6		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW6020	7439-96-5	Manganese	325		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW6020	7440-02-0	Nickel	34.4		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.73	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW6020	7440-22-4	Silver	1.75		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.73	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW6020	7440-66-6	Zinc	394		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0431	UJ	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0431	UJ	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0431	UJ	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0431	UJ	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0431	UJ	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0431	UJ	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0431	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0431	UJ	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0431	UJ	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0431	UJ	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.861	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.861	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.043	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.056		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.043	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.138		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.148		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.226		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.043		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.121		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.121		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.043	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.181		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.043	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.43	UJ	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0495		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.43	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.043	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.071		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.2		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.43	U	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF101FS	SED	FS	21-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.863	UJ	MG/KG	N
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.1		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	19.1		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	8.58		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.0948274		NA	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	5.46		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	14		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	48.7		MG/KG	Y
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-TF-F1	897433.244	623728.822	SD14TFF102FS	SED	FS	03-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	56.8		PERCENT	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.044	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00881	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0264	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0176	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00881	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.044	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0264	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0176	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0564		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.157615		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00881	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	23300		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.76	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	7.47		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	2.61		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	346	MG/KG	Y	
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-50-8	Copper	603	MG/KG	Y	
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW6020	7439-92-1	Lead	80.2	MG/KG	Y	
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	345	MG/KG	Y	
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	64.4	MG/KG	Y	
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.77	MG/KG	Y	
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-22-4	Silver	6.9	MG/KG	Y	
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.76	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	371	MG/KG	Y	
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.991594074	NA	Y	
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0581	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.044	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.044	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.044	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.044	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.111	MG/KG	Y	
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.044	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.044	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.044	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.044	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.111	MG/KG	Y	
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	90-12-0	1-Methylnaphthalene	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	108-60-1	2,2'-Dichlorodiiisopropylether	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	120-83-2	2,4-Dichlorophenol	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	105-67-9	2,4-Dimethylphenol	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	51-28-5	2,4-Dinitrophenol	0.881	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	121-14-2	2,4-Dinitrotoluene	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	606-20-2	2,6-Dinitrotoluene	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	91-58-7	2-Chloronaphthalene	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	95-57-8	2-Chlorophenol	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	91-57-6	2-Methylnaphthalene	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	95-48-7	2-Methylphenol	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	88-74-4	2-Nitroaniline	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	88-75-5	2-Nitrophenol	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	15831-10-4	3 & 4 Methylphenol	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	99-09-2	3-Nitroaniline	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.881	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	106-47-8	4-Chloroaniline	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	100-01-6	4-Nitroaniline	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	100-02-7	4-Nitrophenol	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	83-32-9	Acenaphthene	0.0176	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	208-96-8	Acenaphthylene	0.0326	MG/KG	Y	
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	62-53-3	Aniline	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	120-12-7	Anthracene	0.0326	MG/KG	Y	
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	56-55-3	Benzo(a)anthracene	0.144	MG/KG	Y	
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	50-32-8	Benzo(a)pyrene	0.162	MG/KG	Y	
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0766	MG/KG	Y	
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	191-24-2	Benzo(ghi)perylene	0.107	MG/KG	Y	
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	207-08-9	Benzo(k)fluoranthene	0.167	MG/KG	Y	
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.44	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	85-68-7	Butylbenzylphthalate	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	86-74-8	Carbazole	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	218-01-9	Chrysene	0.136		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	84-74-2	Di-n-butylphthalate	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	117-84-0	Di-n-octylphthalate	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.022		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	132-64-9	Dibenzofuran	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	84-66-2	Diethylphthalate	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	131-11-3	Dimethylphthalate	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	206-44-0	Fluoranthene	0.262		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	86-73-7	Fluorene	0.0176		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	118-74-1	Hexachlorobenzene	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	87-68-3	Hexachlorobutadiene	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.44	UJ	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	67-72-1	Hexachloroethane	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.109		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	78-59-1	Isophorone	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	91-20-3	Naphthalene	0.0176	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	98-95-3	Nitrobenzene	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	82-68-8	Pentachloronitrobenzene	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	87-86-5	Pentachlorophenol	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	85-01-8	Phenanthrene	0.174		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	108-95-2	Phenol	0.44	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	129-00-0	Pyrene	0.27		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW8270D	110-86-1	Pyridine	0.44	UJ	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF200FS	SED	FS	28-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.881	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	A209F	HLA0046	Percent Solids	57.8		PERCENT	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00865	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.026	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0173	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00865	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.026	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0173	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0173	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.108225	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00865	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	12700	J	MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.73	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW6020	7440-38-2	Arsenic	5.56		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.865	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW6020	7440-47-3	Chromium	50.6		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW6020	7440-50-8	Copper	215		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.268641983		NA	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW6020	7439-92-1	Lead	24.1		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW6020	7439-96-5	Manganese	256		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW6020	7440-02-0	Nickel	18.8		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.73	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW6020	7440-22-4	Silver	1.73	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.73	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW6020	7440-66-6	Zinc	157	J	MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0433	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.865	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.865	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.00865	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.00865	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.00865	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0156		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0143		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0164		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.00952		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0117		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0125		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.00865	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.0186		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.00865	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.433	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.00865	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.00865	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.00865		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.0242		MG/KG	Y
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.433	U	MG/KG	N
SD2014-TF-F2	897520.486	623921.399	SD14TFF201FS	SED	FS	28-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.865	UJ	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	66.7		PERCENT	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00749	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0225	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.015	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00749	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0225	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.015	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0262		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.15209		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0434		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	14000		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.5	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	5.15		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	0.927		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	94.1		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-50-8	Copper	284		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW6020	7439-92-1	Lead	42.5		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	239		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	29.8		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.5	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.93		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.5	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	197		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.40636163		NA	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0494	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	90-12-0	1-Methylnaphthalene	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	120-83-2	2,4-Dichlorophenol	0.375	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	105-67-9	2,4-Dimethylphenol	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	51-28-5	2,4-Dinitrophenol	0.749	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	121-14-2	2,4-Dinitrotoluene	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	606-20-2	2,6-Dinitrotoluene	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	91-58-7	2-Chloronaphthalene	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	95-57-8	2-Chlorophenol	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	91-57-6	2-Methylnaphthalene	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	95-48-7	2-Methylphenol	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	88-74-4	2-Nitroaniline	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	88-75-5	2-Nitrophenol	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	15831-10-4	3 & 4 Methylphenol	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	99-09-2	3-Nitroaniline	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.749	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	106-47-8	4-Chloroaniline	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	100-01-6	4-Nitroaniline	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	100-02-7	4-Nitrophenol	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	83-32-9	Acenaphthene	0.0375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	208-96-8	Acenaphthylene	0.0562		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	62-53-3	Aniline	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	120-12-7	Anthracene	0.0674		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	56-55-3	Benzo(a)anthracene	0.36		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	50-32-8	Benzo(a)pyrene	0.339		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	205-99-2	Benzo(b)fluoranthene	0.232		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	191-24-2	Benzo(ghi)perylene	0.189		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	207-08-9	Benzo(k)fluoranthene	0.285		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	85-68-7	Butylbenzylphthalate	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	86-74-8	Carbazole	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	218-01-9	Chrysene	0.328		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	84-74-2	Di-n-butylphthalate	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	117-84-0	Di-n-octylphthalate	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0431		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	132-64-9	Dibenzofuran	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	84-66-2	Diethylphthalate	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	131-11-3	Dimethylphthalate	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	206-44-0	Fluoranthene	0.637		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	86-73-7	Fluorene	0.0375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	118-74-1	Hexachlorobenzene	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	87-68-3	Hexachlorobutadiene	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.375	UJ	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	67-72-1	Hexachloroethane	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.204		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	78-59-1	Isophorone	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	91-20-3	Naphthalene	0.0375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	98-95-3	Nitrobenzene	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	82-68-8	Pentachloronitrobenzene	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	87-86-5	Pentachlorophenol	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	85-01-8	Phenanthrene	0.348		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	108-95-2	Phenol	0.375	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	129-00-0	Pyrene	0.584		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW8270D	110-86-1	Pyridine	0.375	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-F3	897606.242	624103.03	SD14TFF300FS	SED	FS	25-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.749	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	A209F	HLA0046	Percent Solids	64.7		PERCENT	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00772	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0232	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0154	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00772	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0232	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0154	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0154	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.09648	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00772	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	8900	J	MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.54	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW6020	7440-38-2	Arsenic	3.28		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.772	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW6020	7440-47-3	Chromium	16.5		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW6020	7440-50-8	Copper	9.56		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.093439168		NA	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW6020	7439-92-1	Lead	5.18		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW6020	7439-96-5	Manganese	198		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW6020	7440-02-0	Nickel	12.6		MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.54	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW6020	7440-22-4	Silver	1.54	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.54	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW6020	7440-66-6	Zinc	42.8	J	MG/KG	Y
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.772	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.772	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.386	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.00772	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.00772	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.00772	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.00772	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.00772	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.00772	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.00772	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.00772	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.00772	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.00772	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.00772	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.00772	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.386	UJ	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.00772	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.00772	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.00772	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.00772	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.386	U	MG/KG	N
SD2014-TF-F3	897606.242	624103.03	SD14TFF301FS	SED	FS	29-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.772	UJ	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	54.1		PERCENT	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0462	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00924	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0277	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0185	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00924	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0462	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0277	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0185	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0185	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.11551	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00924	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	8380		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-36-0	Antimony	1.85	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-38-2	Arsenic	3.92		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-43-9	Cadmium	0.924	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-47-3	Chromium	43.1		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-50-8	Copper	129		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW6020	7439-92-1	Lead	27.6		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW6020	7439-96-5	Manganese	230		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-02-0	Nickel	15.3		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW6020	7782-49-2	Selenium	1.85	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-22-4	Silver	1.85	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-28-0	Thallium	1.85	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-66-6	Zinc	115		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.206499275		NA	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW7471	7439-97-6	Mercury	0.061	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0462	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0462	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0462	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0462	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0462	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0462	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0462	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0462	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0462	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0462	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	95-57-8	2-Chlorophenol		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	95-48-7	2-Methylphenol		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	88-74-4	2-Nitroaniline		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	88-75-5	2-Nitrophenol		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	99-09-2	3-Nitroaniline		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	106-47-8	4-Chloroaniline		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	100-01-6	4-Nitroaniline		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	100-02-7	4-Nitrophenol		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	62-53-3	Aniline		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	86-74-8	Carbazole		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate		R	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	132-64-9	Dibenzofuran		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	84-66-2	Diethylphthalate		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	131-11-3	Dimethylphthalate		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	78-59-1	Isophorone		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	98-95-3	Nitrobenzene		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	87-86-5	Pentachlorophenol		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	108-95-2	Phenol		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270C	83-32-9	Acenaphthene		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270C	208-96-8	Acenaphthylene		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270C	120-12-7	Anthracene	0.00924	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.0148		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.0157		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.0143	J	MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.00924	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.0162		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270C	218-01-9	Chrysene	0.0134		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.00924	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.0249		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270C	86-73-7	Fluorene	0.00924	UJ	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.00924		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.0162		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW8270C	129-00-0	Pyrene	0.0268		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF400FS	SED	FS	01-May-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.924	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	A209F	HLA0046	Percent Solids	70.7		PERCENT	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00707	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0212	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0141	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00707	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0212	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0141	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0141	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.088255	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00707	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	4540	J	MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW6020	7440-36-0	Antimony	1.41	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW6020	7440-38-2	Arsenic	2.4		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW6020	7440-43-9	Cadmium	0.707	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW6020	7440-47-3	Chromium	11.2		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW6020	7440-50-8	Copper	6.5		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.072703814		NA	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW6020	7439-92-1	Lead	3.19		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW6020	7439-96-5	Manganese	141		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW6020	7440-02-0	Nickel	9		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW6020	7782-49-2	Selenium	1.41	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW6020	7440-22-4	Silver	1.41	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW6020	7440-28-0	Thallium	1.41	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW6020	7440-66-6	Zinc	31.4		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0353	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8082	1336-36-3	PCB (total)	0.0353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiiisopropylether	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.707	UJ	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.707	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.353	UJ	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	83-32-9	Acenaphthene	0.00707	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.00707	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	62-53-3	Aniline	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	120-12-7	Anthracene	0.00707	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0166		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0152		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0237		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.00954		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0138		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.353	UJ	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.353	UJ	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	86-74-8	Carbazole	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	218-01-9	Chrysene	0.012		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.00707	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	206-44-0	Fluoranthene	0.0237		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	86-73-7	Fluorene	0.00707	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.353	UJ	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.00954		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	78-59-1	Isophorone	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	91-20-3	Naphthalene	0.00707	UJ	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0113		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	108-95-2	Phenol	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	129-00-0	Pyrene	0.0237		MG/KG	Y
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW8270D	110-86-1	Pyridine	0.353	U	MG/KG	N
SD2014-TF-F4	897693.85	624277.956	SD14TFF401FS	SED	FS	01-May-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.707	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	63.1		PERCENT	Y
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0396	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00793	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0238	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0159	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00793	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0396	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0238	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0159	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0159	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.099145	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00793	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	7350		MG/KG	Y
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-36-0	Antimony	1.59	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-38-2	Arsenic	2.96		MG/KG	Y
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-43-9	Cadmium	0.793	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-47-3	Chromium	18.9		MG/KG	Y
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-50-8	Copper	48.4		MG/KG	Y
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW6020	7439-92-1	Lead	11.9		MG/KG	Y
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW6020	7439-96-5	Manganese	171		MG/KG	Y
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-02-0	Nickel	11.8		MG/KG	Y
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW6020	7782-49-2	Selenium	1.59	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-22-4	Silver	1.59	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-28-0	Thallium	1.59	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-66-6	Zinc	81		MG/KG	Y
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.126202913		NA	Y
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW7471	7439-97-6	Mercury	0.0523	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0396	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0396	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0396	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0396	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0396	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0396	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0396	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0396	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0396	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0396	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.793	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.793	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	62-53-3	Aniline	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	86-74-8	Carbazole	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	78-59-1	Isophorone	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	108-95-2	Phenol	0.396	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270C	83-32-9	Acenaphthene		R	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270C	208-96-8	Acenaphthylene		R	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270C	120-12-7	Anthracene	0.0159	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.0159	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.0159	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.0159	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.0159	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.0159	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270C	218-01-9	Chrysene	0.0159	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0159	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.0238		MG/KG	Y
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0159	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.0159	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.0159	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW8270C	129-00-0	Pyrene	0.023		MG/KG	Y
SD2014-TF-F5	897773.091	624475.308	SD14TFF500FS	SED	FS	01-May-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.793	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	A209F	HLA0046	Percent Solids	69.2		PERCENT	Y
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00723	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0217	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0145	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00723	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0217	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0145	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0145	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.090395	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00723	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	5090	J	MG/KG	Y
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.76	J	MG/KG	Y
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW6020	7440-38-2	Arsenic	2.5		MG/KG	Y
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.723	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW6020	7440-47-3	Chromium	15.8		MG/KG	Y
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW6020	7440-50-8	Copper	20.6		MG/KG	Y
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.096479148		NA	Y
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW6020	7439-92-1	Lead	5.68		MG/KG	Y
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW6020	7439-96-5	Manganese	170		MG/KG	Y
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW6020	7440-02-0	Nickel	11.8		MG/KG	Y
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.45	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW6020	7440-22-4	Silver	1.45	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.45	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW6020	7440-66-6	Zinc	52.8		MG/KG	Y
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.723	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.361	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.723	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0145	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0145	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0145	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0145	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0145	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0145	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0145	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0145	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0145	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0145	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.0145	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0145	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.361	UJ	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0145	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0145	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0145	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.0145	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.361	U	MG/KG	N
SD2014-TF-F5	897773.091	624475.308	SD14TFF501FS	SED	FS	30-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.723	UJ	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	70.9		PERCENT	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00705	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0211	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0141	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00705	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0211	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0141	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0141	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.088025	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00705	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	11500	E	MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW6020	7440-36-0	Antimony	1.41	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW6020	7440-38-2	Arsenic	3.94		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW6020	7440-43-9	Cadmium	0.705	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW6020	7440-47-3	Chromium	76.4		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW6020	7440-50-8	Copper	207		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW6020	7439-92-1	Lead	43		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW6020	7439-96-5	Manganese	254		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW6020	7440-02-0	Nickel	24.5		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW6020	7782-49-2	Selenium	1.41	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW6020	7440-22-4	Silver	1.41	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW6020	7440-28-0	Thallium	1.41	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW6020	7440-66-6	Zinc	171		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.293228155		NA	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW7471	7439-97-6	Mercury	0.0465	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.352	UJ	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	90-12-0	1-Methylnaphthalene	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	108-60-1	2,2'-Dichlorodiiisopropylether	0.352	UJ	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	120-83-2	2,4-Dichlorophenol	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	105-67-9	2,4-Dimethylphenol	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	51-28-5	2,4-Dinitrophenol	0.705	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	121-14-2	2,4-Dinitrotoluene	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	606-20-2	2,6-Dinitrotoluene	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	91-58-7	2-Chloronaphthalene	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	95-57-8	2-Chlorophenol	0.352	UJ	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	91-57-6	2-Methylnaphthalene	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	95-48-7	2-Methylphenol	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	88-74-4	2-Nitroaniline	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	88-75-5	2-Nitrophenol	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	15831-10-4	3 & 4 Methylphenol	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	99-09-2	3-Nitroaniline	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.705	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	106-47-8	4-Chloroaniline	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	100-01-6	4-Nitroaniline	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	100-02-7	4-Nitrophenol	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	83-32-9	Acenaphthene	0.0511	J	MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	208-96-8	Acenaphthylene	0.0687	J	MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	62-53-3	Aniline	0.352	UJ	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	120-12-7	Anthracene	0.044		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	56-55-3	Benzo(a)anthracene	0.113		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	50-32-8	Benzo(a)pyrene	0.132		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0881		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	191-24-2	Benzo(ghi)perylene	0.0899		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	207-08-9	Benzo(k)fluoranthene	0.102		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.352	UJ	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	85-68-7	Butylbenzylphthalate	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	86-74-8	Carbazole	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	218-01-9	Chrysene	0.123		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	84-74-2	Di-n-butylphthalate	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	117-84-0	Di-n-octylphthalate	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0388		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	132-64-9	Dibenzofuran	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	84-66-2	Diethylphthalate	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	131-11-3	Dimethylphthalate	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	206-44-0	Fluoranthene	0.201		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	86-73-7	Fluorene	0.0476		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	118-74-1	Hexachlorobenzene	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	87-68-3	Hexachlorobutadiene	0.352	UJ	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0793		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	78-59-1	Isophorone	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.352	UJ	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	91-20-3	Naphthalene	0.044	J	MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	98-95-3	Nitrobenzene	0.352	UJ	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	82-68-8	Pentachloronitrobenzene	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	87-86-5	Pentachlorophenol	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	85-01-8	Phenanthrene	0.0899		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	108-95-2	Phenol	0.352	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	129-00-0	Pyrene	0.192		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW8270D	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF600FS	SED	FS	01-May-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.705	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	A209F	HLA0046	Percent Solids	57.7		PERCENT	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00867	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.026	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0173	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00867	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.026	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0173	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0173	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.108355	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00867	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	8450	J	MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW6020	7440-36-0	Antimony	1.73	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW6020	7440-38-2	Arsenic	3.35		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW6020	7440-43-9	Cadmium	0.867	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW6020	7440-47-3	Chromium	74.2		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW6020	7440-50-8	Copper	223		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.294786825		NA	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW6020	7439-92-1	Lead	40		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW6020	7439-96-5	Manganese	256		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW6020	7440-02-0	Nickel	21.5		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW6020	7782-49-2	Selenium	1.73	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW6020	7440-22-4	Silver	1.73	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW6020	7440-28-0	Thallium	1.73	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW6020	7440-66-6	Zinc	166		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8082	1336-36-3	PCB (total)	0.0434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiiisopropylether	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.867	UJ	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.867	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.434	UJ	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.434	UJ	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0173	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0234		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	62-53-3	Aniline	0.434	UJ	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	120-12-7	Anthracene	0.0416		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.128		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.114		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.163		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.065		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0885		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	86-74-8	Carbazole	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	218-01-9	Chrysene	0.0919		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0347		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.434	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	206-44-0	Fluoranthene	0.227		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	86-73-7	Fluorene	0.0199		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.434	UJ	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.434	UJ	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0702		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	78-59-1	Isophorone	0.434	UJ	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	91-20-3	Naphthalene	0.0173	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	85-01-8	Phenanthrene	0.163		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	108-95-2	Phenol	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	129-00-0	Pyrene	0.199		MG/KG	Y
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW8270D	110-86-1	Pyridine	0.434	U	MG/KG	N
SD2014-TF-F6	897874.22	624639.712	SD14TFF601FS	SED	FS	01-May-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.867	UJ	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	72.5		PERCENT	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.0069	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0442		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0518		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.0069	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0207	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0876		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.531		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.7698		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0069	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	29500		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.38	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	6.72		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	5.83		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	298		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-50-8	Copper	538		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	1.190025825		NA	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW6020	7439-92-1	Lead	88.7		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	309		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	78.8		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.38	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-22-4	Silver	12.1		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.38	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	334		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0455	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.189		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0788		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.267		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.345	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.345	UJ	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.345	UJ	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.69	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.69	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline		R	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.345	UJ	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.345	UJ	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.345	UJ	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.345	UJ	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	0.345	UJ	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.345	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.069	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.069	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.069	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.141		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.162		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.148	J	MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.0725		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.159		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.159		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.069	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.183		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.069	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.069	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.069	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.0759		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.245		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG100FS	SED	FS	21-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.69	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	A209F	HLA0046	Percent Solids	67.9		PERCENT	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00737	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0221	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0147	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00737	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0221	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0147	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0147	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.092005	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00737	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	16700	J	MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.47	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW6020	7440-38-2	Arsenic	7.53		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW6020	7440-43-9	Cadmium	4.99		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW6020	7440-47-3	Chromium	251		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW6020	7440-50-8	Copper	412		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.575819151		NA	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW6020	7439-92-1	Lead	45.2		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW6020	7439-96-5	Manganese	256		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW6020	7440-02-0	Nickel	28.6		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.47	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW6020	7440-22-4	Silver	1.47	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.47	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW6020	7440-66-6	Zinc	334		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0368	UJ	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0368	UJ	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0368	UJ	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0368	UJ	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0368	UJ	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0368	UJ	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0368	UJ	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0368	UJ	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0368	UJ	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0368	UJ	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.737	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.368	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.737	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0387		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.153		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.118		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.188		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0424		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.103		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.109		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.21		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.368	UJ	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0424		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0939		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.228		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.368	U	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG101FS	SED	FS	21-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.737	UJ	MG/KG	N
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0037	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0025	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.031	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.01	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.01	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.01	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.01	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.01	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	218-01-9	Chrysene	0.01	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	206-44-0	Fluoranthene	0.012		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	86-73-7	Fluorene	0.01	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.01	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	85-01-8	Phenanthrene	0.01	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	129-00-0	Pyrene	0.014		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0001		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0001	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0001	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0001	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0001	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0001	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.00014		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0001	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0001	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.00015		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0001	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0001	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0001	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0001	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0001	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.00013		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.00011		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0001	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.00009	J	MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0001	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0001	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.00017		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0001	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.00014		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.17		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	30.5	J	MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	38.7		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.129165112		NA	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	9.42		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.06		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	16.9		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	66.2		MG/KG	Y
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.026	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.026	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.026	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.026	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.026	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.026	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.026	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.026	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.026	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.026	U	MG/KG	
SD2014-TF-G1	897640.001	623665.419	SD14TFG102FS	SED	FS	03-Apr-15	2	3	SW846 9060	HLA0011	Total Organic Carbon	1.8		PERCENT	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	69.2		PERCENT	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00723	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0217	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0145	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00723	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0217	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0145	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0145	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.09978		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.013		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	25100		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.45	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	6.22		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	6.07		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	341		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-50-8	Copper	641		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	1.552676639		NA	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW6020	7439-92-1	Lead	88.6		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	284		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	144		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.5		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-22-4	Silver	16.1		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.45	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	351		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0477	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.12		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0473		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.167		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.361	UJ	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.361	UJ	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.723	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.361	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.723	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline		R	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.361	UJ	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.361	UJ	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.361	UJ	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.361	UJ	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	0.361	UJ	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.361	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0723	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.0867		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.163		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.394		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.412		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.398	J	MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.275		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.408		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.369		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.112		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.491		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0723	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.21		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.0723	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.206		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.701		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG200FS	SED	FS	21-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.723	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	A209F	HLA0046	Percent Solids	57.1		PERCENT	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00876	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0263	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0175	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00876	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0263	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0175	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0175	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.10949	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00876	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	15800	J	MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.75	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW6020	7440-38-2	Arsenic	3.95		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.876	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW6020	7440-47-3	Chromium	22.8		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW6020	7440-50-8	Copper	14.2		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.11870682		NA	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW6020	7439-92-1	Lead	7.25		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW6020	7439-96-5	Manganese	282		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW6020	7440-02-0	Nickel	16.7		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.75	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW6020	7440-22-4	Silver	1.75	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.75	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW6020	7440-66-6	Zinc	57.4		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016		R	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221		R	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232		R	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242		R	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248		R	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254		R	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260		R	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262		R	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268		R	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8082	1336-36-3	PCB (total)		R	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.876	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.876	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.00876	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.00876	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS	21-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.00876	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.00876	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.00876	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.00876	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.00876	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.00876	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.00876	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.00876	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.00876	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0114		MG/KG	Y
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.438	UJ	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.00876	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.00876	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.00876	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.00876	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.438	U	MG/KG	N
SD2014-TF-G2	897711.312	623818.431	SD14TFG201FS	SED	FS		21-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.876	UJ	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS		21-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	77.8		PERCENT	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS		21-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS		21-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00771		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS		21-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0584		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS		21-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.159		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS		21-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00642	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS		21-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS		21-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0462		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS		21-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.498		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS		21-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	1.34		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS		21-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	3.13262		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS		21-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.988		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS		21-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS		21-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	22400		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS		21-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.28	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS		21-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	4.63		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS		21-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	2.13		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS		21-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	245		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS		21-Apr-14	0	0.5	SW6020	7440-50-8	Copper	495		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS		21-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.797935615		NA	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS		21-Apr-14	0	0.5	SW6020	7439-92-1	Lead	57		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS		21-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	237		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS		21-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	64.4		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.28	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-22-4	Silver	5.28		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.28	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	272		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0424	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.725		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.066		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.791		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.321	UJ	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.321	UJ	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.642	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.642	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline		R	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.321	UJ	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.321	UJ	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.68	J	MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.321	UJ	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.321	UJ	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	0.321	UJ	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.321	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.321	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0642	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.0674		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.222		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.382		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.446		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.401	J	MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.267		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.472		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.398		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.122		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.777		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0835		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.238		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.0642	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.421		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.745		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG300FS	SED	FS	21-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.642	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	A209F	HLA0046	Percent Solids	61.9		PERCENT	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00808	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0242	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0162	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00808	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0242	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0162	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0162	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.10102	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00808	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	11400	J	MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.62	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW6020	7440-38-2	Arsenic	3.38		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.808	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW6020	7440-47-3	Chromium	20.5		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW6020	7440-50-8	Copper	15.3		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.107625658		NA	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW6020	7439-92-1	Lead	5.98		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW6020	7439-96-5	Manganese	220		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW6020	7440-02-0	Nickel	14.6		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.62	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW6020	7440-22-4	Silver	1.62	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.62	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW6020	7440-66-6	Zinc	53		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0404	UJ	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0404	UJ	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0404	UJ	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0404	UJ	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0404	UJ	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0404	UJ	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0404	UJ	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0404	UJ	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0404	UJ	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0404	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.808	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.808	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.00808	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.00808	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.00808	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.00808	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.00808	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.00808	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.00808	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.00808	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.00808	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.00808	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.00808	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0105		MG/KG	Y
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.404	UJ	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.00808	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.00808	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.00808	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.00808	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.404	U	MG/KG	N
SD2014-TF-G3	897787.789	624007.666	SD14TFG301FS	SED	FS	21-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.808	UJ	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	76.3		PERCENT	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00656	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0197	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0131	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00656	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0197	UJ	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0131	UJ	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0131	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.08199	UJ	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00656	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	10000		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.65	J	MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	2.88		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	0.656	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	33.7		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-50-8	Copper	98.9		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.162122967		NA	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW6020	7439-92-1	Lead	21.8		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	164		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	15.1		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.47		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.31	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.31	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	79.8		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0433	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.328	UJ	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.328	UJ	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.656	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.328	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.656	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.328	UJ	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.328	UJ	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.328	UJ	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.328	UJ	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.328	UJ	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.328	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0328	UJ	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.0328	UJ	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.102		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.27		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.303		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.193		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.208		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.275		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.284		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0885		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.552		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0344		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.187		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.274		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.466		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG400FS	SED	FS	28-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.656	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	A209F	HLA0046	Percent Solids	66.7		PERCENT	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.0075	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0225	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.015	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.0075	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0225	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.015	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.015	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.09375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.0075	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	5430	J	MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.5	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW6020	7440-38-2	Arsenic	2.36		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.75	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW6020	7440-47-3	Chromium	12.9		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW6020	7440-50-8	Copper	15.9		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.080087017		NA	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW6020	7439-92-1	Lead	4.12		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW6020	7439-96-5	Manganese	143		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW6020	7440-02-0	Nickel	8.64		MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.5	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW6020	7440-22-4	Silver	1.5	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.5	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW6020	7440-66-6	Zinc	34.9	J	MG/KG	Y
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.75	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.75	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0075	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0075	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0075	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0075	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0075	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0075	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0075	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0075	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0075	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0075	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.0075	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0075	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.375	UJ	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0075	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0075	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0075	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.0075	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.375	U	MG/KG	N
SD2014-TF-G4	897872.878	624184.056	SD14TFG401FS	SED	FS	28-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.75	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	59.5		PERCENT	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.042	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00841	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0252	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0168	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00841	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.042	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0252	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0185		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0168	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.115115		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00841	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	40000	E	MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-36-0	Antimony	1.68	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-38-2	Arsenic	7.72		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-43-9	Cadmium	8		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-47-3	Chromium	478		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-50-8	Copper	980		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW6020	7439-92-1	Lead	115		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW6020	7439-96-5	Manganese	292		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-02-0	Nickel	53.2		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW6020	7782-49-2	Selenium	1.87		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-22-4	Silver	19.9		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-28-0	Thallium	1.68	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-66-6	Zinc	509		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	1.755439131		NA	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW7471	7439-97-6	Mercury	0.0555	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.042	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.042	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.042	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.042	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.042	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.042	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.11	J	MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.042	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.042	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.11	J	MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.42	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	90-12-0	1-Methylnaphthalene	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.42	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	120-83-2	2,4-Dichlorophenol	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	105-67-9	2,4-Dimethylphenol	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	51-28-5	2,4-Dinitrophenol	0.841	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	121-14-2	2,4-Dinitrotoluene	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	606-20-2	2,6-Dinitrotoluene	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	91-58-7	2-Chloronaphthalene	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	95-57-8	2-Chlorophenol	0.42	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	91-57-6	2-Methylnaphthalene	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	95-48-7	2-Methylphenol	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	88-74-4	2-Nitroaniline	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	88-75-5	2-Nitrophenol	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	15831-10-4	3 & 4 Methylphenol	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	99-09-2	3-Nitroaniline	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.841	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	106-47-8	4-Chloroaniline	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	100-01-6	4-Nitroaniline	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	100-02-7	4-Nitrophenol	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	83-32-9	Acenaphthene	0.042	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	208-96-8	Acenaphthylene	0.0652	J	MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	62-53-3	Aniline	0.42	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	120-12-7	Anthracene	0.122		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	56-55-3	Benzo(a)anthracene	0.349		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	50-32-8	Benzo(a)pyrene	0.393		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	205-99-2	Benzo(b)fluoranthene	0.17		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	191-24-2	Benzo(ghi)perylene	0.252		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	207-08-9	Benzo(k)fluoranthene	0.366		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.42	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	85-68-7	Butylbenzylphthalate	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	86-74-8	Carbazole	0.42	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	218-01-9	Chrysene	0.372		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	84-74-2	Di-n-butylphthalate	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	117-84-0	Di-n-octylphthalate	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.107		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	132-64-9	Dibenzofuran	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	84-66-2	Diethylphthalate	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	131-11-3	Dimethylphthalate	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	206-44-0	Fluoranthene	0.669		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	86-73-7	Fluorene	0.0631		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	118-74-1	Hexachlorobenzene	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	87-68-3	Hexachlorobutadiene	0.42	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.225		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	78-59-1	Isophorone	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.42	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	98-95-3	Nitrobenzene	0.42	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	82-68-8	Pentachloronitrobenzene	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	87-86-5	Pentachlorophenol	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	85-01-8	Phenanthrene	0.229		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	108-95-2	Phenol	0.42	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	129-00-0	Pyrene	0.608		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW8270D	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG500FS	SED	FS	01-May-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.841	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	A209F	HLA0046	Percent Solids	41.6		PERCENT	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.06	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.012	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.036	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0516		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.012	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.06	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.036	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.024	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.25		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.4276		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.012	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	27500	J	MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW6020	7440-36-0	Antimony	2.4	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW6020	7440-38-2	Arsenic	8.09		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW6020	7440-43-9	Cadmium	13.6		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW6020	7440-47-3	Chromium	372		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW6020	7440-50-8	Copper	969		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	2.120739169		NA	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW6020	7439-92-1	Lead	139		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW6020	7439-96-5	Manganese	412		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW6020	7440-02-0	Nickel	52.3		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW6020	7782-49-2	Selenium	2.4	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW6020	7440-22-4	Silver	29.8		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW6020	7440-28-0	Thallium	2.4	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW6020	7440-66-6	Zinc	465		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.06	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.06	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.06	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.06	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.06	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.06	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.06	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.06	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.06	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8082	1336-36-3	PCB (total)	0.06	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	1.2	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.6	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.6	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0997		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0324		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	62-53-3	Aniline	0.6	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	120-12-7	Anthracene	0.162		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.871		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.426		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.871		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.263		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.425		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.625		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	86-74-8	Carbazole	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	218-01-9	Chrysene	0.394		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.15		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	206-44-0	Fluoranthene	1.29		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	86-73-7	Fluorene	0.167		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.6	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.6	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.295		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	78-59-1	Isophorone	0.6	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	91-20-3	Naphthalene	0.213		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	85-01-8	Phenanthrene	1.17		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	108-95-2	Phenol	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	129-00-0	Pyrene	1.23		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW8270D	110-86-1	Pyridine	0.6	U	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG501FS	SED	FS	01-May-14	1	2	SW9010A	57-12-5	Cyanide, Total	1.2	UJ	MG/KG	N
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0089		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0084		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.14		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.12		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00045	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.065		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.27		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.13		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.038		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.8		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.01		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	83-32-9	Acenaphthene	0.53		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.29		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	120-12-7	Anthracene	1.4		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	3		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	2.3		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	2.1		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	1.2		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	2.3		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	218-01-9	Chrysene	3.7		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.25	J	MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	206-44-0	Fluoranthene	7.1		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	86-73-7	Fluorene	1		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	1.3		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	91-20-3	Naphthalene	2.7		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	85-01-8	Phenanthrene	6.3		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	129-00-0	Pyrene	6.2		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0061		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0005	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0005	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0005	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.01		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.017		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0074		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.012		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0005	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.07		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0005	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.037		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0005	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0005	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.017		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.055		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.12		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.04		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.12		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.03		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0013		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.086		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.016		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.037		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	9.56		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	4.92		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	436		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	1140	J	MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	1.392115155		NA	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	130		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.81		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	46.4		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	7.64		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	626		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.25	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.25	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.25	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.25	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.25	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.25	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.65		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	4.9		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.25	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	5.55		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG502FS	SED	FS	02-Apr-15	2	3	SW846 9060	HLA0011	Total Organic Carbon	1.2		PERCENT	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0037	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.031	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.011		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.01	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.01	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.01	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.01	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	218-01-9	Chrysene	0.013		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	206-44-0	Fluoranthene	0.03		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	86-73-7	Fluorene	0.009	J	MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.01	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	91-20-3	Naphthalene	0.052	J	MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	85-01-8	Phenanthrene	0.061	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	129-00-0	Pyrene	0.024		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.00051		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0002	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0002	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0002	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0002	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0002	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0002	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0002	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0002	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.0002	J	MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0002	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.00017	J	MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0002	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0002	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0002	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.00049		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.0003		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.00032		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.00088		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.00037		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0002	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.00063		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0002	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0003		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.32		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	21.9	J	MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	12.9		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.109423212		NA	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	6.25		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	17		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	60.3		MG/KG	Y
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-TF-G5	897965.988	624369.391	SD14TFG503FSH	SED	FS	02-Apr-15	3	4	SW846 9060	HLA0011	Total Organic Carbon	6.8		PERCENT	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	76.1		PERCENT	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0328	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00657	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0847		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0959		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00657	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0328	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0545		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0525		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0131	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.336805		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00657	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	9280		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.31	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	3.49		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	0.768		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	135		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-50-8	Copper	41.9		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7439-92-1	Lead	30		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	398		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	113		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.31	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.31	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.31	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	98.1		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.424217459		NA	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0434	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0328	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0328	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0328	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0328	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0328	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.22		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0328	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0328	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.772		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.992		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.329	UJ	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.329	UJ	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.658	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.658	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.329	UJ	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.519		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	3.29	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.329	UJ	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.329	UJ	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	0.329	UJ	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.329	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.329	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.593	J	MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.329	UJ	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	1.4		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	3.05		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	2.93		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	3.21		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	1.3		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	3.31		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	3.16		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.609		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	5.83		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.543		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	1.25		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.329	UJ	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	4.92		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	6.22		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH100FS	SED	FS	16-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.657	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	A209F	HLA0046	Percent Solids	73.2		PERCENT	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00683	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0389		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0547		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00683	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0403		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0875		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0137	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.272695		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00683	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	17600	J	MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.37	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-38-2	Arsenic	4.41		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-43-9	Cadmium	1.54		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-47-3	Chromium	121		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-50-8	Copper	123		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.497057825		NA	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW6020	7439-92-1	Lead	30.6		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW6020	7439-96-5	Manganese	205		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-02-0	Nickel	121		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.37	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-22-4	Silver	1.37	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.37	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-66-6	Zinc	123		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0661		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0661		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.683	UJ	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.683	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.342	UJ	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.342	UJ	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.27		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0683	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.342	UJ	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.605		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	2.25		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	1.36		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	2.05		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.577		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	1.51		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	218-01-9	Chrysene	1.24		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.352		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	3.76		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.301		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.342	UJ	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.342	UJ	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.69		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.342	UJ	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0854		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	3.01		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	129-00-0	Pyrene	3.35		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.342	U	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH101FS	SED	FS	16-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.683	UJ	MG/KG	N
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.00051	U	MG/KG	
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0037		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	UJ	MG/KG	
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00091	UJ	MG/KG	
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.00091	U	MG/KG	
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	UJ	MG/KG	
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	4.54		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	37	J	MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	13.9		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.125937484		NA	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	7.05		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	22.9		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	52.4		MG/KG	Y
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-TF-GH1	897891.746	623518.965	SD14TFGH103FS	SED	FS	06-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	57.2		PERCENT	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0437	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00875	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0262	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0175	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00875	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0437	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0262	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0175	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0175	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.109275	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00875	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	19800		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.75	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	6.48		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	2.71		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	516		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-50-8	Copper	469		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW6020	7439-92-1	Lead	65.4		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	609		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	75.8		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.75	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-22-4	Silver	8.91		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.75	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	355		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	1.068681093		NA	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0577	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0437	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0437	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0437	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0437	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0437	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0437	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0437	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.191		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0437	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.191		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	62-53-3	Aniline		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	86-74-8	Carbazole		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	78-59-1	Isophorone		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	108-95-2	Phenol		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	1.81	J	MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.666	J	MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	3.65		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	5.4		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	5.07		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	4.38		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	1.75		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.877		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	2.02		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.93		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	4.43		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	1.63		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	1.82		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.754	J	MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	3.11		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	3.95		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH200FS	SED	FS	16-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	1.22		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	A209F	HLA0046	Percent Solids	60		PERCENT	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00833	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.025	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0167	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00833	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.025	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0167	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0167	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.104145	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00833	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	12500	J	MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.67	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW6020	7440-38-2	Arsenic	6.83		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW6020	7440-43-9	Cadmium	1.87		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW6020	7440-47-3	Chromium	204		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW6020	7440-50-8	Copper	592		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.771348707		NA	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW6020	7439-92-1	Lead	59.7		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW6020	7439-96-5	Manganese	628		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW6020	7440-02-0	Nickel	32.5		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.67	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW6020	7440-22-4	Silver	4.96		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.67	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW6020	7440-66-6	Zinc	365		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0416	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.833	UJ	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.833	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.416	UJ	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.416	UJ	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0425		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0633		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.416	UJ	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0275		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.106		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.106		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.219		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0625		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0908		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0808		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0316		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.166		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0375		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.416	UJ	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.416	UJ	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.065		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.416	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.035		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.107		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.196		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.416	U	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH201FS	SED	FS	16-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.833	UJ	MG/KG	N
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0037	U	MG/KG	
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.031	U	MG/KG	
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	4.95		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	22.3		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	12.4		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.106564212		NA	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	6.49		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	16		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	60.9		MG/KG	Y
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-TF-H2	898058.215	623655.81	SD14TFH203FS	SED	FS	02-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	58.5		PERCENT	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0427	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00854	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0256	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0171	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00854	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0427	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0256	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0171	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0171	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.10676	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00854	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	14900		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-36-0	Antimony	1.71	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-38-2	Arsenic	7.67		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-43-9	Cadmium	2.44		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-47-3	Chromium	327	MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-50-8	Copper	829	MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW6020	7439-92-1	Lead	77.6	MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW6020	7439-96-5	Manganese	264	MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-02-0	Nickel	65.2	MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW6020	7782-49-2	Selenium	1.85	MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-22-4	Silver	3.42	MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-28-0	Thallium	1.71 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-66-6	Zinc	486	MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	1.005888953	NA	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW7471	7439-97-6	Mercury	0.0564 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.427 UJ	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.427 UJ	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	R	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.854 UJ	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.427 UJ	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.427 UJ	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.427 UJ	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.427 UJ	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.854 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	62-53-3	Aniline	0.427 UJ	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.427 UJ	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	R	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	86-74-8	Carbazole	0.427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	1.71 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.427 U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.427 U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.427	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	78-59-1	Isophorone	0.427	UJ	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.427	UJ	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.427	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.427	UJ	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.427	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.427	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	108-95-2	Phenol	0.427	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270C	83-32-9	Acenaphthene		R	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270C	208-96-8	Acenaphthylene		R	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270C	120-12-7	Anthracene	0.158		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.427		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.346		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.35	J	MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.179		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.436		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270C	218-01-9	Chrysene	0.367		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0854	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.611		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0854	UJ	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.192		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.436		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW8270C	129-00-0	Pyrene	0.675		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH300FS	SED	FS	01-May-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.854	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	A209F	HLA0046	Percent Solids	62.7		PERCENT	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00797	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0239	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0159	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00797	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0239	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0159	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0159	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.099605	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00797	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	10200	J	MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW6020	7440-36-0	Antimony	1.59	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW6020	7440-38-2	Arsenic	4.24		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW6020	7440-43-9	Cadmium	0.797	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW6020	7440-47-3	Chromium	92.9		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW6020	7440-50-8	Copper	174		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.317445678		NA	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW6020	7439-92-1	Lead	25.8		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW6020	7439-96-5	Manganese	240		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW6020	7440-02-0	Nickel	44.5		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW6020	7782-49-2	Selenium	1.59	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW6020	7440-22-4	Silver	1.59	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW6020	7440-28-0	Thallium	1.59	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW6020	7440-66-6	Zinc	142		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0399	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8082	1336-36-3	PCB (total)	0.0399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.797	UJ	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.797	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.399	UJ	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0159	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0159	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	62-53-3	Aniline	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	120-12-7	Anthracene	0.0159	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0709		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0654		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0614		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0414		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0478		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.399	UJ	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.399	UJ	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	86-74-8	Carbazole	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	218-01-9	Chrysene	0.0534		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0239		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	206-44-0	Fluoranthene	0.098		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	86-73-7	Fluorene	0.0159	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.399	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.043		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	78-59-1	Isophorone	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	91-20-3	Naphthalene	0.0159	UJ	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0558		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	108-95-2	Phenol	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	129-00-0	Pyrene	0.098		MG/KG	Y
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW8270D	110-86-1	Pyridine	0.399	U	MG/KG	N
SD2014-TF-H3	898145.537	623843.98	SD14TFH301FS	SED	FS	01-May-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.797	UJ	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	59		PERCENT	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0424	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00848	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0254	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.017	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00848	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0424	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0254	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.017	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.017	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.10602	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00848	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	15600		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-36-0	Antimony	1.7	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-38-2	Arsenic	5.88		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-43-9	Cadmium	1.62		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-47-3	Chromium	228		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-50-8	Copper	521		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW6020	7439-92-1	Lead	73.1		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW6020	7439-96-5	Manganese	284		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-02-0	Nickel	40		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW6020	7782-49-2	Selenium	1.75		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-22-4	Silver	2.51		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-28-0	Thallium	1.7	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-66-6	Zinc	347		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.679228823		NA	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW7471	7439-97-6	Mercury	0.056	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0424	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0424	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0424	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0424	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0424	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0424	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0424	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0424	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0424	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0424	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.423	UJ	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.423	UJ	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.423	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.846	UJ	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.423	UJ	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.423	UJ	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.423	UJ	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.423	UJ	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.846	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	62-53-3	Aniline	0.423	UJ	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.423	UJ	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	86-74-8	Carbazole	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	1.69	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	78-59-1	Isophorone	0.423	UJ	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.423	UJ	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.423	UJ	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	108-95-2	Phenol	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270C	83-32-9	Acenaphthene		R	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270C	208-96-8	Acenaphthylene		R	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270C	120-12-7	Anthracene	0.761		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	2.11		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	1.42		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	1.67	J	MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.677		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	2.3		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270C	218-01-9	Chrysene	1.71		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.423	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270C	206-44-0	Fluoranthene	4.06		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270C	86-73-7	Fluorene	0.423	UJ	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.74		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270C	85-01-8	Phenanthrene	2.5		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW8270C	129-00-0	Pyrene	3.76		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-H4	898245.258	624020.241	SD14TFH400FS	SED	FS	01-May-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.848	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	A209F	HLA0046	Percent Solids	66.1		PERCENT	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0378	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00757	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0227	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0151	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00757	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0378	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0227	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0151	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0151	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.094505	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00757	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	8040	J	MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW6020	7440-36-0	Antimony	1.51	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW6020	7440-38-2	Arsenic	3.73		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW6020	7440-43-9	Cadmium	0.757	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW6020	7440-47-3	Chromium	98.3		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW6020	7440-50-8	Copper	219		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.314826567		NA	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW6020	7439-92-1	Lead	27.6		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW6020	7439-96-5	Manganese	205		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW6020	7440-02-0	Nickel	33.8		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW6020	7782-49-2	Selenium	1.51	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW6020	7440-22-4	Silver	1.51	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW6020	7440-28-0	Thallium	1.51	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW6020	7440-66-6	Zinc	149		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0378	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0378	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0378	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0378	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0378	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0378	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0378	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0378	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0378	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8082	1336-36-3	PCB (total)	0.0378	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.755	UJ	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.755	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.377	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.377	UJ	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0151	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0166		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	62-53-3	Aniline	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	120-12-7	Anthracene	0.0189		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0966		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0815		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.102		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0491		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.08		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.377	UJ	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.377	UJ	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	86-74-8	Carbazole	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	218-01-9	Chrysene	0.0679		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0272		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	206-44-0	Fluoranthene	0.149		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	86-73-7	Fluorene	0.0151	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.377	UJ	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0513		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	78-59-1	Isophorone	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	91-20-3	Naphthalene	0.0151	UJ	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0898		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	108-95-2	Phenol	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	129-00-0	Pyrene	0.138		MG/KG	Y
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW8270D	110-86-1	Pyridine	0.377	U	MG/KG	N
SD2014-TF-H4	898245.258	624020.241	SD14TFH401FS	SED	FS	01-May-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.757	UJ	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	58.2		PERCENT	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.043	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00859	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0258	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0172	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00859	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.043	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0258	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0172	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0172	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.107485	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00859	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	43000	E	MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-36-0	Antimony	1.72	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-38-2	Arsenic	9.92		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-43-9	Cadmium	3.69		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-47-3	Chromium	668		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-50-8	Copper	1800		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW6020	7439-92-1	Lead	153		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW6020	7439-96-5	Manganese	313		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-02-0	Nickel	58.3		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW6020	7782-49-2	Selenium	2.38		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-22-4	Silver	4.52		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-28-0	Thallium	1.72	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-66-6	Zinc	884		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	1.775945046		NA	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW7471	7439-97-6	Mercury	0.0567	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.043	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.043	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.043	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.043	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.043	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.043	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.105		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.043	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.043	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.105		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	120-82-1	1,2,4-Trichlorobenzene		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	90-12-0	1-Methylnaphthalene		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	95-95-4	2,4,5-Trichlorophenol		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	88-06-2	2,4,6-Trichlorophenol		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	120-83-2	2,4-Dichlorophenol		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	105-67-9	2,4-Dimethylphenol		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	51-28-5	2,4-Dinitrophenol		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	121-14-2	2,4-Dinitrotoluene		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	606-20-2	2,6-Dinitrotoluene		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	91-58-7	2-Chloronaphthalene		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	95-57-8	2-Chlorophenol		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	91-57-6	2-Methylnaphthalene		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	95-48-7	2-Methylphenol		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	88-74-4	2-Nitroaniline		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	88-75-5	2-Nitrophenol		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	15831-10-4	3 & 4 Methylphenol		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	91-94-1	3,3'-Dichlorobenzidine		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	99-09-2	3-Nitroaniline		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	101-55-3	4-Bromophenyl phenyl ether		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	59-50-7	4-Chloro-3-methylphenol		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	106-47-8	4-Chloroaniline		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	100-01-6	4-Nitroaniline		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	100-02-7	4-Nitrophenol		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	83-32-9	Acenaphthene	0.221	J	MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	208-96-8	Acenaphthylene	0.245	J	MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	62-53-3	Aniline		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	120-12-7	Anthracene	0.904		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	56-55-3	Benzo(a)anthracene	2.62		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	50-32-8	Benzo(a)pyrene	2.58		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	205-99-2	Benzo(b)fluoranthene	1.46		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	191-24-2	Benzo(ghi)perylene	1.5		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	207-08-9	Benzo(k)fluoranthene	2.96		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	85-68-7	Butylbenzylphthalate		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	86-74-8	Carbazole		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	218-01-9	Chrysene	2.36		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	84-74-2	Di-n-butylphthalate		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	117-84-0	Di-n-octylphthalate		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.541		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	132-64-9	Dibenzofuran		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	84-66-2	Diethylphthalate		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	131-11-3	Dimethylphthalate		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	206-44-0	Fluoranthene	5.97		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	86-73-7	Fluorene	0.292		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	118-74-1	Hexachlorobenzene		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	1.29		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	78-59-1	Isophorone		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	621-64-7	N-Nitrosodi-n-propylamine		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	86-30-6	N-Nitrosodiphenylamine		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	91-20-3	Naphthalene	0.0859	J	MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	98-95-3	Nitrobenzene		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	82-68-8	Pentachloronitrobenzene		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	87-86-5	Pentachlorophenol		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	85-01-8	Phenanthrene	2.66		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	108-95-2	Phenol		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	129-00-0	Pyrene	5.16		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW8270D	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH500FS	SED	FS	01-May-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.859	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	A209F	HLA0046	Percent Solids	57.4		PERCENT	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00871	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0261	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0558		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00871	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0261	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.112		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0174	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.259265		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00871	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	19400	J	MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW6020	7440-36-0	Antimony	1.77		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW6020	7440-38-2	Arsenic	6.85		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW6020	7440-43-9	Cadmium	3.17		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW6020	7440-47-3	Chromium	452		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW6020	7440-50-8	Copper	805		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	1.171692753		NA	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW6020	7439-92-1	Lead	129		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW6020	7439-96-5	Manganese	278		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW6020	7440-02-0	Nickel	43.6		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW6020	7782-49-2	Selenium	1.74	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW6020	7440-22-4	Silver	7.8		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW6020	7440-28-0	Thallium	1.74	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW6020	7440-66-6	Zinc	491		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0436	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8082	1336-36-3	PCB (total)	0.0436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.871	UJ	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.871	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.436	UJ	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.436	UJ	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	83-32-9	Acenaphthene	0.667		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0958		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	62-53-3	Aniline	0.436	UJ	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	120-12-7	Anthracene	1.4		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	1.74	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	1.74	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	1.74	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	1.18		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	1.74	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	86-74-8	Carbazole	0.557		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	218-01-9	Chrysene	1.74	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.736		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	206-44-0	Fluoranthene	3.49		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	86-73-7	Fluorene	0.566		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.436	UJ	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.436	UJ	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	1.42		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	78-59-1	Isophorone	0.436	UJ	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	91-20-3	Naphthalene	0.0958		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	85-01-8	Phenanthrene	1.83		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	108-95-2	Phenol	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	129-00-0	Pyrene	3.66		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW8270D	110-86-1	Pyridine	0.436	U	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH501FS	SED	FS	01-May-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.871	UJ	MG/KG	N
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0031		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00089	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0022		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	83-32-9	Acenaphthene	0.2	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.19	J	MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	120-12-7	Anthracene	0.32		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	1.4		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	1.2		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	1.1		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.76		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	1		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	218-01-9	Chrysene	1.4		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.16	J	MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	206-44-0	Fluoranthene	2.6		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	86-73-7	Fluorene	0.11	J	MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.8		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	91-20-3	Naphthalene	0.14	J	MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	85-01-8	Phenanthrene	0.64		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	129-00-0	Pyrene	2.9		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0012		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0005	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0005	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0005	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0005	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0005	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0005	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0005	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0005	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.0005	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0005	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0005	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0005	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0005	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0005	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.0005	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.0005	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0005	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.0005	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0005	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0005	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.0005	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0005	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.00054		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	10.2		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	1.51		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	152		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	1820		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	1.377681686		NA	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	180		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	2.36		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	35.6		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	1.02		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	728		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH502FS	SED	FS	02-Apr-15	2	3	SW846 9060	HLA0011	Total Organic Carbon	3.4		PERCENT	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0037	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.031	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	83-32-9	Acenaphthene	0.043		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.11		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	120-12-7	Anthracene	0.29		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	1.1		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.91		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.91		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.54		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.89		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	218-01-9	Chrysene	1.2		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.18		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	206-44-0	Fluoranthene	2.1		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	86-73-7	Fluorene	0.11		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.53		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	91-20-3	Naphthalene	0.16	J	MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	85-01-8	Phenanthrene	0.64		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	129-00-0	Pyrene	2.1		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0002	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0002	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0002	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0002	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0015		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0002	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0002	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.001		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0002	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.0002	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0002	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0002	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0002	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0002	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0002	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.0002	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.0002	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0002	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.0002	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0002	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0002	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.0002	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0002	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0002	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	7.41		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	1.2		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	71	J	MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	898		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.76620122		NA	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	112		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.94		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	23.3		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	525		MG/KG	Y
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-TF-H5	898370.579	624191.706	SD14TFH503FSH	SED	FS	02-Apr-15	3	4	SW846 9060	HLA0011	Total Organic Carbon	1.1		PERCENT	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	78		PERCENT	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.032	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00641	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0192	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0128	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00641	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.032	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0192	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0128	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0128	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.080015	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00641	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	7560		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.28	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	1.59		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	0.641	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	66.8		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-50-8	Copper	47.4		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7439-92-1	Lead	16.8		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	126		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	65.6		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.28	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.28	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.28	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	65.8		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.261754828		NA	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0423	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.032	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.032	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.032	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.032	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.152		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.032	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0579		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.032	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.032	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.21		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.32	UJ	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.32	UJ	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.641	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.573		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.641	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.32	UJ	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	3.2	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.32	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.32	UJ	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.32	UJ	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	0.32	UJ	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.32	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.16	UJ	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.16	UJ	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.312		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	1.02		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	1.07		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	1.11		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.472		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	1.36		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	1.08		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.208		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	2.04		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.16	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.456		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.16	UJ	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.713		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	1.99		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ100FS	SED	FS	16-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.641	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	A209F	HLA0046	Percent Solids	81.9		PERCENT	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.0061	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0183	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0122	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.0061	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0183	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0122	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0122	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.07625	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.0061	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	528	J	MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.22	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-38-2	Arsenic	1.22	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.61	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-47-3	Chromium	61.2		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-50-8	Copper	22.5		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.129443097		NA	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW6020	7439-92-1	Lead	6.85		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW6020	7439-96-5	Manganese	84.4		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-02-0	Nickel	23.7		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.22	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-22-4	Silver	1.22	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.22	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW6020	7440-66-6	Zinc	37.2		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0305	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.61	UJ	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.61	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.305	UJ	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.305	UJ	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.061	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.061	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.305	UJ	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0763		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.25		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.211		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.455		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.101		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.259		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.198		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.061	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.482		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.061	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.305	UJ	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.305	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.119		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.305	UJ	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.061	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.226		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.381		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.305	U	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ101FS	SED	FS	16-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.61	UJ	MG/KG	N
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0008		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	UJ	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.005		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0048		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	UJ	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0014		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0046		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0055	J	MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	UJ	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.55		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.55		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	61.2		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	141		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.206205161		NA	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	15.5	J	MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.48	J	MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	17.1		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	118		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ103FS	SED	FS	02-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0023	UJ	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0039		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	UJ	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0011		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0027		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0094	J	MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	8270SIM	HLA0482	Total Homolog (PCBs)	0.029	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0023	UJ	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.37		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-47-3	Chromium	35.1		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-50-8	Copper	33.7		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.128511383		NA	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7439-92-1	Lead	6.35	J	MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.23	J	MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-02-0	Nickel	19.6		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-66-6	Zinc	49.7		MG/KG	Y
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	SW846 8082	12674-11-2	Aroclor-1016	0.024	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	SW846 8082	11104-28-2	Aroclor-1221	0.024	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	SW846 8082	11141-16-5	Aroclor-1232	0.024	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	SW846 8082	53469-21-9	Aroclor-1242	0.024	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	SW846 8082	12672-29-6	Aroclor-1248	0.024	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	SW846 8082	11097-69-1	Aroclor-1254	0.024	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	SW846 8082	11096-82-5	Aroclor-1260	0.024	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	SW846 8082	37324-23-5	Aroclor-1262	0.024	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	SW846 8082	11100-14-4	Aroclor-1268	0.024	U	MG/KG	
SD2014-TF-HJ1	898059.148	623445.972	SD14TFHJ105FS	SED	FS	02-Apr-15	5	6	SW846 8082	HLA0392	Total Aroclor (CALC)	0.024	U	MG/KG	
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	79.8		PERCENT	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0313	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00627	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0307		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0301		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00627	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0313	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0188	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0351		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0125	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.152255		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00627	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	10900		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.25	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	5.25		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	1.68		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	307		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-50-8	Copper	289		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.623209812		NA	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW6020	7439-92-1	Lead	42.7		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	301		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	57.7		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.25	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-22-4	Silver	3.59		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.25	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	226		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0414	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0313	UJ	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0313	UJ	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0313	UJ	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0313	UJ	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0313	UJ	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0313	UJ	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0313	UJ	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.106	J	MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0313	UJ	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.106	J	MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene		R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene		R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene		R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	62-53-3	Aniline	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	108-95-2	Phenol	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270	110-86-1	Pyridine	R	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.125 U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.125 U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.37	MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.614	MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.696	MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.539 J	MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.42	MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.545	MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.614	MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.182	MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	1.25	MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.125 U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.376	MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.125	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.608		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	1.27		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ200FS	SED	FS	17-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.627	UJ	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	A209F	HLA0046	Percent Solids	62.1		PERCENT	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00806	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0242	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0161	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00806	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0242	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0161	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0161	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.10074	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00806	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	17700	J	MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.61	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW6020	7440-38-2	Arsenic	8.72		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW6020	7440-43-9	Cadmium	3.37		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW6020	7440-47-3	Chromium	344		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW6020	7440-50-8	Copper	838		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	2.014096271		NA	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW6020	7439-92-1	Lead	72.8		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW6020	7439-96-5	Manganese	1220		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW6020	7440-02-0	Nickel	33.2		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.61	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW6020	7440-22-4	Silver	34.3		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.61	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW6020	7440-66-6	Zinc	556		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0403	UJ	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0403	UJ	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0403	UJ	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0403	UJ	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0403	UJ	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0403	UJ	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0403	UJ	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0403	UJ	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0403	UJ	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0403	UJ	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.806	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.403	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.806	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0806	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.133		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0806		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.363		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.314		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.238		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.109		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.266		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.27		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0806	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.415		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0806	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.403	UJ	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.125		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0806	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.218		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.637		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.403	U	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ201FS	SED	FS	17-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.806	UJ	MG/KG	N
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0023	UJ	MG/KG	
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0035	U	MG/KG	
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	UJ	MG/KG	
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0023	U	MG/KG	
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045	UJ	MG/KG	
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.029	U	MG/KG	
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0023	UJ	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.46		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	22.2		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	10.5		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.107159456		NA	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	6.07	J	MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	16.9		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	56.5		MG/KG	Y
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.024	U	MG/KG	
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.024	U	MG/KG	
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.024	U	MG/KG	
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.024	U	MG/KG	
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.024	U	MG/KG	
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.024	U	MG/KG	
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.024	U	MG/KG	
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.024	U	MG/KG	
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.024	U	MG/KG	
SD2014-TF-J2	898237.994	623567.588	SD14TFJ202FS	SED	FS	02-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.024	U	MG/KG	
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	72.5		PERCENT	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0345	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.0069	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0207	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0138	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.0069	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0345	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0207	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0138	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0138	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.08625	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0069	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	10200		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.38	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	4.61		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	0.981		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	143		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-50-8	Copper	245		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.38258023		NA	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW6020	7439-92-1	Lead	32.1		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	214		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	28.2		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.38	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.76		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.38	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	176		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0455	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0345	UJ	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0345	UJ	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0345	UJ	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0345	UJ	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0345	UJ	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0345	UJ	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0345	UJ	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0345	UJ	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0345	UJ	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0345	UJ	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene		R	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.345	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.345	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.345	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.345	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.69	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.345	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.345	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.345	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.345	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.69	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.345	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.345	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	62-53-3	Aniline		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	86-74-8	Carbazole		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	78-59-1	Isophorone		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.345	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.345	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.069	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.069	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.107		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.259		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.259		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.3	J	MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.152		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.234		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.228		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.069	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.421		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.069	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.134		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.069	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.19		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.448		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ300FS	SED	FS	17-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.69	UJ	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	A209F	HLA0046	Percent Solids	66.4		PERCENT	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00753	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0226	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0151	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00753	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0226	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0151	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0151	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.094145	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00753	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	13000	J	MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.51	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW6020	7440-38-2	Arsenic	3.6		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.753	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW6020	7440-47-3	Chromium	41.8		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW6020	7440-50-8	Copper	49.3		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.137570837		NA	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW6020	7439-92-1	Lead	10.5		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW6020	7439-96-5	Manganese	228		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW6020	7440-02-0	Nickel	15.2		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.51	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW6020	7440-22-4	Silver	1.51	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.51	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW6020	7440-66-6	Zinc	68.7		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0376	UJ	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0376	UJ	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0376	UJ	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0376	UJ	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0376	UJ	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0376	UJ	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0376	UJ	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0376	UJ	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0376	UJ	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0376	UJ	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.753	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.376	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.753	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0414		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.156		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.122		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.218		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0452		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.137		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.102		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.239		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.376	UJ	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0546		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.134		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.215		MG/KG	Y
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.376	U	MG/KG	N
SD2014-TF-J3	898327.405	623737.755	SD14TFJ301FS	SED	FS	17-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.753	UJ	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	68.8		PERCENT	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00726	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0218	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0145	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00726	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0218	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0145	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0145	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.09074	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00726	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	14000		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-36-0	Antimony	1.45	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-38-2	Arsenic	4.49		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-43-9	Cadmium	0.979		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-47-3	Chromium	126		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-50-8	Copper	269		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW6020	7439-92-1	Lead	41		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW6020	7439-96-5	Manganese	233		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-02-0	Nickel	27.8		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW6020	7782-49-2	Selenium	1.45	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-22-4	Silver	1.45	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-28-0	Thallium	1.45	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-66-6	Zinc	206		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.366022114		NA	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW7471	7439-97-6	Mercury	0.0479	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.363	UJ	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.363	UJ	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.726	UJ	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.363	UJ	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.363	UJ	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.363	UJ	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.363	UJ	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.726	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	62-53-3	Aniline	0.363	UJ	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.363	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	86-74-8	Carbazole	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	78-59-1	Isophorone	0.363	UJ	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.363	UJ	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.363	UJ	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	108-95-2	Phenol	0.363	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270C	83-32-9	Acenaphthene		R	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.0799	J	MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270C	120-12-7	Anthracene	0.189		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.396		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.414		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.465	J	MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.225		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.458		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270C	218-01-9	Chrysene	0.399		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0726	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.741		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0726	UJ	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.236		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.519		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW8270C	129-00-0	Pyrene	0.734		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ400FS	SED	FS	01-May-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.726	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	A209F	HLA0046	Percent Solids	63.7		PERCENT	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0392	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00785	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0235	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0157	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00785	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0392	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0235	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0157	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0157	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.098025	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00785	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	5700	J	MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW6020	7440-36-0	Antimony	1.57	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW6020	7440-38-2	Arsenic	3.63		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW6020	7440-43-9	Cadmium	0.785	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW6020	7440-47-3	Chromium	58.8		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW6020	7440-50-8	Copper	65.9		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.172664952		NA	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW6020	7439-92-1	Lead	11.2		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW6020	7439-96-5	Manganese	217		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW6020	7440-02-0	Nickel	21.4		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW6020	7782-49-2	Selenium	1.57	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW6020	7440-22-4	Silver	1.57	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW6020	7440-28-0	Thallium	1.57	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW6020	7440-66-6	Zinc	85		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0392	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0392	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0392	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0392	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0392	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0392	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0392	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0392	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0392	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8082	1336-36-3	PCB (total)	0.0392	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.783	UJ	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.783	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.391	UJ	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0157	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0157	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	62-53-3	Aniline	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	120-12-7	Anthracene	0.0157	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0446		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0368		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0548		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0227		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0274		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.391	UJ	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.391	UJ	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	86-74-8	Carbazole	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	218-01-9	Chrysene	0.0329		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.391	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0157	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	206-44-0	Fluoranthene	0.0705		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	86-73-7	Fluorene	0.0157	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.391	UJ	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0227		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	78-59-1	Isophorone	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	91-20-3	Naphthalene	0.0157	UJ	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0485		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	108-95-2	Phenol	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	129-00-0	Pyrene	0.0697		MG/KG	Y
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW8270D	110-86-1	Pyridine	0.391	U	MG/KG	N
SD2014-TF-J4	898417.134	623930.703	SD14TFJ401FS	SED	FS	01-May-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.785	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	71.8		PERCENT	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0348	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00697	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0209	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0293		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00697	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0348	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0209	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0272		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0139	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.129605		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00697	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	33700		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.39	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	5.86		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	2.14		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	277		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-50-8	Copper	578		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.726443488		NA	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW6020	7439-92-1	Lead	72.2		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	307		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	30.9		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.5		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-22-4	Silver	3.15		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.39	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	342		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.046	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0348	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0348	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0348	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0348	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0348	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0348	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0348	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0348	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0348	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0348	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.348	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.348	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.348	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.348	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.697	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.348	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.348	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.348	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.348	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.697	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.348	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline		R	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.348	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.348	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.348	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.348	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0697	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.094		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.289		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.522		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.55		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.533	J	MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.352		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.616		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.547		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.157		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.996		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.101		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.306		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene	0.0697	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.474		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.993		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ500FS	SED	FS	17-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.975	J	MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	A209F	HLA0046	Percent Solids	61.3		PERCENT	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00816	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0245	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0163	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00816	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0245	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0163	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0163	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.10199	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00816	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	25800	J	MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.63	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW6020	7440-38-2	Arsenic	4.92		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW6020	7440-43-9	Cadmium	1.68		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW6020	7440-47-3	Chromium	158		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW6020	7440-50-8	Copper	402		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.470124929		NA	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW6020	7439-92-1	Lead	49.8		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW6020	7439-96-5	Manganese	318		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW6020	7440-02-0	Nickel	26.8		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.63	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW6020	7440-22-4	Silver	1.63	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.63	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW6020	7440-66-6	Zinc	259		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0408	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0408	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0408	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0408	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0408	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0408	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0408	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0408	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0408	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0408	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.816	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.408	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.816	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.124		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0938		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.137		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0918		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0897		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.163		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.408	UJ	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0408		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0714		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.188		MG/KG	Y
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.408	U	MG/KG	N
SD2014-TF-J5	898486.349	624066.973	SD14TFJ501FS	SED	FS	17-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.816	UJ	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	73.2		PERCENT	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0342	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00683	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0205	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0137	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00683	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0342	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0205	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0137	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0137	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.085495	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00683	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	10400		MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	1.37	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	21		MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	0.683	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	15		MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-50-8	Copper	9.36		MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.144749766		NA	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW6020	7439-92-1	Lead	4.69		MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	192		MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	21.5		MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	1.37	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-22-4	Silver	1.37	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	1.37	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	50.8		MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0451	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0342	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0342	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0342	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0342	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0342	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0342	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0342	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0342	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0342	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0342	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline		R	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	62-53-3	Aniline	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	108-95-2	Phenol	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270	110-86-1	Pyridine	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	R	MG/KG	N	
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.0342	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.094		MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.0632		MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.0786	J	MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.0444		MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.0718		MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.0666		MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0342	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.14		MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0342	UJ	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.0444		MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.0786		MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.142		MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK200FS	SED	FS	24-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.683	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	A209F	HLA0046	Percent Solids	74.6		PERCENT	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0335	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.0067	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0201	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0134	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.0067	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0335	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0201	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0134	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0134	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.08375	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.0067	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	6040	J	MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.34	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW6020	7440-38-2	Arsenic	26.3		MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW6020	7440-43-9	Cadmium	0.67	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW6020	7440-47-3	Chromium	16.4		MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW6020	7440-50-8	Copper	14.1		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.184900415	NA	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW6020	7439-92-1	Lead	4.31	MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW6020	7439-96-5	Manganese	165	MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW6020	7440-02-0	Nickel	35.2	MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.34 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW6020	7440-22-4	Silver	1.34 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.34 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW6020	7440-66-6	Zinc	36.5	MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0335 UJ	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0335 UJ	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0335 UJ	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0335 UJ	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0335 UJ	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0335 UJ	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0335 UJ	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0335 UJ	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0335 UJ	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0335 UJ	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.672 UJ	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.672 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.00672 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.00672 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.00672 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.00773	MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.00672 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.00672 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.00672 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.00672 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.336 U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.336 U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.00672	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.336	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.336	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.00672	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.336	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.336	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.336	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.0094		MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0107		MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.336	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.336	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.336	UJ	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.336	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.00672	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.336	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.336	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.336	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.00672	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.336	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.336	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.336	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.00672	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.336	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.0104		MG/KG	Y
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.336	U	MG/KG	N
SD2014-TF-K2	898416.883	623475.622	SD14TFK201FS	SED	FS	24-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.67	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	62.9		PERCENT	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00795	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0238	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0159	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00795	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0238	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0159	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0159		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.17075		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0675		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	9280		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-36-0	Antimony	1.59	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-38-2	Arsenic	4.25		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-43-9	Cadmium	0.795	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-47-3	Chromium	81.4		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-50-8	Copper	163		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW6020	7439-92-1	Lead	70.7		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW6020	7439-96-5	Manganese	210		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-02-0	Nickel	24.9		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW6020	7782-49-2	Selenium	1.59	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-22-4	Silver	1.59	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-28-0	Thallium	1.59	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-66-6	Zinc	143		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.287042457		NA	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW7471	7439-97-6	Mercury	0.0524	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0397	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.397	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.397	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	0.795	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.397	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.397	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.397	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.397	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	0.795	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	62-53-3	Aniline	0.397	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.397	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	86-74-8	Carbazole	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	78-59-1	Isophorone	0.397	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.397	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.397	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	108-95-2	Phenol	0.397	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270C	83-32-9	Acenaphthene		R	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270C	208-96-8	Acenaphthylene		R	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270C	120-12-7	Anthracene	0.155		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.369		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.365		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.373	J	MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.199		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.477		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270C	218-01-9	Chrysene	0.326		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0795	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.806		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0795	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.211		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.528		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW8270C	129-00-0	Pyrene	0.767		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK300FS	SED	FS	01-May-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.795	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	A209F	HLA0046	Percent Solids	67.2		PERCENT	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00744	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0223	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0149	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00744	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0223	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0149	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0149	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.09301	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00744	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	5610	J	MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW6020	7440-36-0	Antimony	1.49	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW6020	7440-38-2	Arsenic	3.42		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW6020	7440-43-9	Cadmium	0.744	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW6020	7440-47-3	Chromium	54.8		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW6020	7440-50-8	Copper	127		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.20304756		NA	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW6020	7439-92-1	Lead	16.5		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW6020	7439-96-5	Manganese	167		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW6020	7440-02-0	Nickel	20		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW6020	7782-49-2	Selenium	1.49	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW6020	7440-22-4	Silver	1.49	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW6020	7440-28-0	Thallium	1.49	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW6020	7440-66-6	Zinc	104		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0372	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0372	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0372	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0372	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0372	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0372	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0372	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0372	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0372	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8082	1336-36-3	PCB (total)	0.0372	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.744	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.372	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.744	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.372	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0744	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0744	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	62-53-3	Aniline	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	120-12-7	Anthracene	0.0856		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.26		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.193		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.454		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.104		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.305		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.372	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.372	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	86-74-8	Carbazole	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	218-01-9	Chrysene	0.182		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0744	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	206-44-0	Fluoranthene	0.495		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	86-73-7	Fluorene	0.0744	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.372	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.115		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	78-59-1	Isophorone	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	91-20-3	Naphthalene	0.0744	UJ	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	85-01-8	Phenanthrene	0.461		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	108-95-2	Phenol	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	129-00-0	Pyrene	0.413		MG/KG	Y
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW8270D	110-86-1	Pyridine	0.372	U	MG/KG	N
SD2014-TF-K3	898504.393	623656.498	SD14TFK301FS	SED	FS	01-May-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.744	UJ	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	72.3		PERCENT	Y
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0346	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00692	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0208	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0138	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00692	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0346	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0208	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0138	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0138	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.08648	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00692	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-36-0	Antimony	1.38	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-38-2	Arsenic	2.84		MG/KG	Y
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-43-9	Cadmium	0.692	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-47-3	Chromium	53		MG/KG	Y
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-50-8	Copper	50.6		MG/KG	Y
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	SW6020	7439-92-1	Lead	8.03		MG/KG	Y
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	SW6020	7439-96-5	Manganese	137		MG/KG	Y
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-02-0	Nickel	14.3		MG/KG	Y
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	SW6020	7782-49-2	Selenium	1.38	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-22-4	Silver	1.38	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-28-0	Thallium	1.38	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-66-6	Zinc	53.9		MG/KG	Y
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.129897537		NA	Y
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	SW7471	7439-97-6	Mercury		R	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0346	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0346	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0346	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0346	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0346	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0346	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0346	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0346	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0346	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK400FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0346	U	MG/KG	N
SD2014-TF-K4	898595.588	623843.955	SD14TFK401FS	SED	FS	01-May-14	1	2	A209F	HLA0046	Percent Solids	72		PERCENT	Y
SD2014-TF-K4	898595.588	623843.955	SD14TFK401FS	SED	FS	01-May-14	1	2	SW6020	7440-36-0	Antimony	1.39	U	MG/KG	
SD2014-TF-K4	898595.588	623843.955	SD14TFK401FS	SED	FS	01-May-14	1	2	SW6020	7440-38-2	Arsenic	2.09		MG/KG	Y
SD2014-TF-K4	898595.588	623843.955	SD14TFK401FS	SED	FS	01-May-14	1	2	SW6020	7440-43-9	Cadmium	0.695	U	MG/KG	
SD2014-TF-K4	898595.588	623843.955	SD14TFK401FS	SED	FS	01-May-14	1	2	SW6020	7440-47-3	Chromium	30.1		MG/KG	Y
SD2014-TF-K4	898595.588	623843.955	SD14TFK401FS	SED	FS	01-May-14	1	2	SW6020	7440-50-8	Copper	44.3		MG/KG	Y
SD2014-TF-K4	898595.588	623843.955	SD14TFK401FS	SED	FS	01-May-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.107751661		NA	Y
SD2014-TF-K4	898595.588	623843.955	SD14TFK401FS	SED	FS	01-May-14	1	2	SW6020	7439-92-1	Lead	6.86		MG/KG	Y
SD2014-TF-K4	898595.588	623843.955	SD14TFK401FS	SED	FS	01-May-14	1	2	SW6020	7439-96-5	Manganese	125		MG/KG	Y
SD2014-TF-K4	898595.588	623843.955	SD14TFK401FS	SED	FS	01-May-14	1	2	SW6020	7440-02-0	Nickel	11		MG/KG	Y
SD2014-TF-K4	898595.588	623843.955	SD14TFK401FS	SED	FS	01-May-14	1	2	SW6020	7782-49-2	Selenium	1.39	U	MG/KG	
SD2014-TF-K4	898595.588	623843.955	SD14TFK401FS	SED	FS	01-May-14	1	2	SW6020	7440-22-4	Silver	1.39	U	MG/KG	
SD2014-TF-K4	898595.588	623843.955	SD14TFK401FS	SED	FS	01-May-14	1	2	SW6020	7440-28-0	Thallium	1.39	U	MG/KG	
SD2014-TF-K4	898595.588	623843.955	SD14TFK401FS	SED	FS	01-May-14	1	2	SW6020	7440-66-6	Zinc	48.4		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	68.8		PERCENT	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0363	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00726	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0218	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0145	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00726	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0363	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0218	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0145	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0145	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.09074	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00726	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	19400	E	MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-36-0	Antimony	1.45	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-38-2	Arsenic	3.21		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-43-9	Cadmium	0.726	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-47-3	Chromium	30.7		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-50-8	Copper	53.5		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW6020	7439-92-1	Lead	14.8		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW6020	7439-96-5	Manganese	254		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-02-0	Nickel	14.6		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW6020	7782-49-2	Selenium	1.45	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-22-4	Silver	1.45	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-28-0	Thallium	1.45	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-66-6	Zinc	90.2		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.141446544		NA	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW7471	7439-97-6	Mercury	0.0479	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0363	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0363	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0363	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0363	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0363	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0363	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0363	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0363	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0363	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0363	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	120-82-1	1,2,4-Trichlorobenzene		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	90-12-0	1-Methylnaphthalene		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	95-95-4	2,4,5-Trichlorophenol		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	88-06-2	2,4,6-Trichlorophenol		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	120-83-2	2,4-Dichlorophenol		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	105-67-9	2,4-Dimethylphenol		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	51-28-5	2,4-Dinitrophenol		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	121-14-2	2,4-Dinitrotoluene		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	606-20-2	2,6-Dinitrotoluene		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	91-58-7	2-Chloronaphthalene		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	95-57-8	2-Chlorophenol		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	91-57-6	2-Methylnaphthalene		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	95-48-7	2-Methylphenol		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	88-74-4	2-Nitroaniline		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	88-75-5	2-Nitrophenol		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	15831-10-4	3 & 4 Methylphenol		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	91-94-1	3,3'-Dichlorobenzidine		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	99-09-2	3-Nitroaniline		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	101-55-3	4-Bromophenyl phenyl ether		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	59-50-7	4-Chloro-3-methylphenol		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	106-47-8	4-Chloroaniline		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	100-01-6	4-Nitroaniline		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	100-02-7	4-Nitrophenol		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	83-32-9	Acenaphthene	0.0363	UJ	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	208-96-8	Acenaphthylene	0.0363	UJ	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	62-53-3	Aniline		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	120-12-7	Anthracene	0.0363	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	56-55-3	Benzo(a)anthracene	0.0363		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	50-32-8	Benzo(a)pyrene	0.105		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0799		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	191-24-2	Benzo(ghi)perylene	0.0654		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0944		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.593	J	MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	85-68-7	Butylbenzylphthalate		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	86-74-8	Carbazole		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	218-01-9	Chrysene	0.0908		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	84-74-2	Di-n-butylphthalate		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	117-84-0	Di-n-octylphthalate		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0363	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	132-64-9	Dibenzofuran		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	84-66-2	Diethylphthalate		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	131-11-3	Dimethylphthalate		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	206-44-0	Fluoranthene	0.169		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	86-73-7	Fluorene	0.0363	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	118-74-1	Hexachlorobenzene		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0581		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	78-59-1	Isophorone		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	621-64-7	N-Nitrosodi-n-propylamine		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	86-30-6	N-Nitrosodiphenylamine		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	98-95-3	Nitrobenzene		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	82-68-8	Pentachloronitrobenzene		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	87-86-5	Pentachlorophenol		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	85-01-8	Phenanthrene	0.0726		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	108-95-2	Phenol		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	129-00-0	Pyrene	0.145		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW8270D	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK500FS	SED	FS	01-May-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.726	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	A209F	HLA0046	Percent Solids	60.9		PERCENT	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00821	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0246	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0164	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00821	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0246	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0164	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0164	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.102615	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00821	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	10900	J	MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW6020	7440-36-0	Antimony	1.64	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW6020	7440-38-2	Arsenic	4.3		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW6020	7440-43-9	Cadmium	0.821	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW6020	7440-47-3	Chromium	25.6		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW6020	7440-50-8	Copper	38.9		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.133178097		NA	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW6020	7439-92-1	Lead	12.2		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW6020	7439-96-5	Manganese	249		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW6020	7440-02-0	Nickel	15.5		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW6020	7782-49-2	Selenium	1.64	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW6020	7440-22-4	Silver	1.64	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW6020	7440-28-0	Thallium	1.64	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW6020	7440-66-6	Zinc	69.7		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8082	1336-36-3	PCB (total)	0.0411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.821	UJ	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.821	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.411	UJ	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.411	UJ	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	83-32-9	Acenaphthene	0.00821	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.00821	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	62-53-3	Aniline	0.411	UJ	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	120-12-7	Anthracene	0.00821	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.00821	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.00821	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0115		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.00821	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.00821	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	86-74-8	Carbazole	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	218-01-9	Chrysene	0.00821	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.00821	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.411	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	206-44-0	Fluoranthene	0.0185		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	86-73-7	Fluorene	0.00821	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.411	UJ	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.411	UJ	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.00821	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	78-59-1	Isophorone	0.411	UJ	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	91-20-3	Naphthalene	0.00821	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0152		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	108-95-2	Phenol	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	129-00-0	Pyrene	0.0156		MG/KG	Y
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW8270D	110-86-1	Pyridine	0.411	U	MG/KG	N
SD2014-TF-K5	898680.573	624008.456	SD14TFK501FS	SED	FS	01-May-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.821	UJ	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	49.8		PERCENT	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0502	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.01	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0301	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0201	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.01	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0502	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0301	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0201	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0201	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.12545	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.01	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	22200	E	MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-36-0	Antimony	2.01	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-38-2	Arsenic	8.78		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-43-9	Cadmium	5.52		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-47-3	Chromium	1230		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-50-8	Copper	905		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW6020	7439-92-1	Lead	108		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW6020	7439-96-5	Manganese	419		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-02-0	Nickel	123		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW6020	7782-49-2	Selenium	2.23		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-22-4	Silver	9.03		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-28-0	Thallium	2.01	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW6020	7440-66-6	Zinc	518		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	1.744961712		NA	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW7471	7439-97-6	Mercury	0.0663	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0502	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0502	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0502	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0502	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0502	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0502	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.119		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0502	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0502	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.119		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	120-82-1	1,2,4-Trichlorobenzene	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	90-12-0	1-Methylnaphthalene	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	95-95-4	2,4,5-Trichlorophenol	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	88-06-2	2,4,6-Trichlorophenol	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	120-83-2	2,4-Dichlorophenol	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	105-67-9	2,4-Dimethylphenol	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	51-28-5	2,4-Dinitrophenol	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	121-14-2	2,4-Dinitrotoluene	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	606-20-2	2,6-Dinitrotoluene	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	91-58-7	2-Chloronaphthalene	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	95-57-8	2-Chlorophenol	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	91-57-6	2-Methylnaphthalene	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	95-48-7	2-Methylphenol	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	88-74-4	2-Nitroaniline	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	88-75-5	2-Nitrophenol	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	15831-10-4	3 & 4 Methylphenol	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	91-94-1	3,3'-Dichlorobenzidine	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	99-09-2	3-Nitroaniline	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	101-55-3	4-Bromophenyl phenyl ether	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	59-50-7	4-Chloro-3-methylphenol	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	106-47-8	4-Chloroaniline	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	100-01-6	4-Nitroaniline	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	100-02-7	4-Nitrophenol	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	83-32-9	Acenaphthene	0.0502	UJ	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	208-96-8	Acenaphthylene	0.1	J	MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	62-53-3	Aniline	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	120-12-7	Anthracene	0.216		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	56-55-3	Benzo(a)anthracene	0.548		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	50-32-8	Benzo(a)pyrene	0.681		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	205-99-2	Benzo(b)fluoranthene	0.329		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	191-24-2	Benzo(ghi)perylene	0.354		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	207-08-9	Benzo(k)fluoranthene	0.49		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	85-68-7	Butylbenzylphthalate	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	86-74-8	Carbazole	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	218-01-9	Chrysene	1.05		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	84-74-2	Di-n-butylphthalate	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	117-84-0	Di-n-octylphthalate	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.163		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	132-64-9	Dibenzofuran	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	84-66-2	Diethylphthalate	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	131-11-3	Dimethylphthalate	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	206-44-0	Fluoranthene	0.955		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	86-73-7	Fluorene	0.0779		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	118-74-1	Hexachlorobenzene	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	87-68-3	Hexachlorobutadiene	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	77-47-4	Hexachlorocyclopentadiene	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	67-72-1	Hexachloroethane	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.324		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	78-59-1	Isophorone	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	86-30-6	N-Nitrosodiphenylamine	R	MG/KG	N	
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	91-20-3	Naphthalene	R	MG/KG	N	

2014-2015 Sediment Analytical Data

SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	98-95-3	Nitrobenzene		R	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	82-68-8	Pentachloronitrobenzene		R	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	87-86-5	Pentachlorophenol		R	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	85-01-8	Phenanthrene	0.432		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	108-95-2	Phenol		R	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	129-00-0	Pyrene	1.02		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW8270D	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL300FS	SED	FS	01-May-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	1	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	A209F	HLA0046	Percent Solids	48.4		PERCENT	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.0103	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.031	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0558		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.0103	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.031	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0827		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0207	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.247		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.0103	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	16300	J	MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW6020	7440-36-0	Antimony	2.07	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW6020	7440-38-2	Arsenic	8.73		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW6020	7440-43-9	Cadmium	2.78		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW6020	7440-47-3	Chromium	569		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW6020	7440-50-8	Copper	826		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	1.138915935		NA	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW6020	7439-92-1	Lead	94.9		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW6020	7439-96-5	Manganese	663		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW6020	7440-02-0	Nickel	56.9		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW6020	7782-49-2	Selenium	2.07	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW6020	7440-22-4	Silver	5.03		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW6020	7440-28-0	Thallium	2.07	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW6020	7440-66-6	Zinc	493		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8082	1336-36-3	PCB (total)	0.0517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	1.03	UJ	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.517	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	1.03	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.517	UJ	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.517	UJ	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0672		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	62-53-3	Aniline	0.517	UJ	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	120-12-7	Anthracene	0.101		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.367		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.339		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.424		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.176		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.328		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	86-74-8	Carbazole	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	218-01-9	Chrysene	0.297		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0956		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	206-44-0	Fluoranthene	0.633		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	86-73-7	Fluorene	0.0517		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.517	UJ	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.517	UJ	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.191		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	78-59-1	Isophorone	0.517	UJ	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	91-20-3	Naphthalene	0.0517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	85-01-8	Phenanthrene	0.398		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	108-95-2	Phenol	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	129-00-0	Pyrene	0.633		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW8270D	110-86-1	Pyridine	0.517	U	MG/KG	N
SD2014-TF-L3	898676.822	623571	SD14TFL301FS	SED	FS	01-May-14	1	2	SW9010A	57-12-5	Cyanide, Total	1.03	J	MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0068		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0082		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.22		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.21		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.047		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.22		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.51		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.46		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	1.9		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.22		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	83-32-9	Acenaphthene	0.16		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.25		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	120-12-7	Anthracene	0.74		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	2.1		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	2.1		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	2.3		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	1.2		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	1.6		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	218-01-9	Chrysene	2.4		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.27		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	206-44-0	Fluoranthene	4.5		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	86-73-7	Fluorene	0.38		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	1.2		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	91-20-3	Naphthalene	0.15		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	85-01-8	Phenanthrene	2.9		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270 SIM	129-00-0	Pyrene	4.6		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.007		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.00079	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.037		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.058		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.093		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.1		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.14		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.073		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0039		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.13		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.026		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.083		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.00079	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.018		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.024		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.067		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.083		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.018		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.063		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.015		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.00079	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.054		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.011		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.04		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	12.7		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	4.77		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	994		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	1310		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	1.713426532		NA	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	151		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	1.51		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	61.2		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	7.95		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	600		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.46		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.59		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.31		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.33		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.29		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.046		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	2.026		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL302FS	SED	FS	02-Apr-15	2	3	SW846 9060	HLA0011	Total Organic Carbon	3.6		PERCENT	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0063		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.12		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.13		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.024		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.076		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.15		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.024		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.54		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0046		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	83-32-9	Acenaphthene	0.14		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.25		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	120-12-7	Anthracene	0.43		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	1.4		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	1.3		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	1.3		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.77		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	1.1		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	218-01-9	Chrysene	1.8		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.17		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	206-44-0	Fluoranthene	2.7		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	86-73-7	Fluorene	0.3		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.74		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	91-20-3	Naphthalene	0.22	J	MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	85-01-8	Phenanthrene	2		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	129-00-0	Pyrene	3		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.01	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0002	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0045		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0017		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.016		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.013		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.021		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0087		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.004		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.04		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.029		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.021		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.002	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.011	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0091		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.039	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.063		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.023	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.038	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.017	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0058		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.031	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0094	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.022	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	8.33		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	3.45		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	277	J	MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	856		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	1.024650911		NA	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	134		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	2		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	40.2		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	3.93		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	551		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.22		MG/KG	Y
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-TF-L3	898676.822	623571	SD14TFL303FSH	SED	FS	02-Apr-15	3	4	SW846 9060	HLA0011	Total Organic Carbon	0.37		PERCENT	Y
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	71.6		PERCENT	Y
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0349	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00699	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.021	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.014	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00699	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0349	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.021	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.014	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.014	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.087385	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00699	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-36-0	Antimony	1.4	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-38-2	Arsenic	3.12		MG/KG	Y
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-43-9	Cadmium	0.699	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-47-3	Chromium	22.9		MG/KG	Y
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-50-8	Copper	23		MG/KG	Y
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	SW6020	7439-92-1	Lead	6.17		MG/KG	Y
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	SW6020	7439-96-5	Manganese	198		MG/KG	Y
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-02-0	Nickel	12.6		MG/KG	Y
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	SW6020	7782-49-2	Selenium	1.4	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-22-4	Silver	1.4	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-28-0	Thallium	1.4	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	SW6020	7440-66-6	Zinc	47.1		MG/KG	Y
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.100576349		NA	Y
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	SW7471	7439-97-6	Mercury		R	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0349	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0349	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0349	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0349	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0349	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0349	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0349	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0349	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0349	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL400FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0349	U	MG/KG	N
SD2014-TF-L4	898780.883	623746.079	SD14TFL401FS	SED	FS	01-May-14	1	2	A209F	HLA0046	Percent Solids	73.4		PERCENT	Y
SD2014-TF-L4	898780.883	623746.079	SD14TFL401FS	SED	FS	01-May-14	1	2	SW6020	7440-36-0	Antimony	1.59		MG/KG	Y
SD2014-TF-L4	898780.883	623746.079	SD14TFL401FS	SED	FS	01-May-14	1	2	SW6020	7440-38-2	Arsenic	3.1		MG/KG	Y
SD2014-TF-L4	898780.883	623746.079	SD14TFL401FS	SED	FS	01-May-14	1	2	SW6020	7440-43-9	Cadmium	0.681	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-TF-L4	898780.883	623746.079	SD14TFL401FS	SED	FS	01-May-14	1	2	SW6020	7440-47-3	Chromium	21.1		MG/KG	Y
SD2014-TF-L4	898780.883	623746.079	SD14TFL401FS	SED	FS	01-May-14	1	2	SW6020	7440-50-8	Copper	13.2		MG/KG	Y
SD2014-TF-L4	898780.883	623746.079	SD14TFL401FS	SED	FS	01-May-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.095231054		NA	Y
SD2014-TF-L4	898780.883	623746.079	SD14TFL401FS	SED	FS	01-May-14	1	2	SW6020	7439-92-1	Lead	5.52		MG/KG	Y
SD2014-TF-L4	898780.883	623746.079	SD14TFL401FS	SED	FS	01-May-14	1	2	SW6020	7439-96-5	Manganese	216		MG/KG	Y
SD2014-TF-L4	898780.883	623746.079	SD14TFL401FS	SED	FS	01-May-14	1	2	SW6020	7440-02-0	Nickel	12.9		MG/KG	Y
SD2014-TF-L4	898780.883	623746.079	SD14TFL401FS	SED	FS	01-May-14	1	2	SW6020	7782-49-2	Selenium	1.36	U	MG/KG	
SD2014-TF-L4	898780.883	623746.079	SD14TFL401FS	SED	FS	01-May-14	1	2	SW6020	7440-22-4	Silver	1.36	U	MG/KG	
SD2014-TF-L4	898780.883	623746.079	SD14TFL401FS	SED	FS	01-May-14	1	2	SW6020	7440-28-0	Thallium	1.36	U	MG/KG	
SD2014-TF-L4	898780.883	623746.079	SD14TFL401FS	SED	FS	01-May-14	1	2	SW6020	7440-66-6	Zinc	48		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	A209F	HLA0046	Percent Solids	58.1		PERCENT	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.00861	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0258	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0172	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.00861	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0258	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0172	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0172	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.107615	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.00861	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	26300		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-36-0	Antimony	1.72	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-38-2	Arsenic	4.19		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-43-9	Cadmium	0.861	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-47-3	Chromium	22		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-50-8	Copper	14.7		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW6020	7439-92-1	Lead	6.56		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW6020	7439-96-5	Manganese	290		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-02-0	Nickel	16.7		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW6020	7782-49-2	Selenium	1.72	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-22-4	Silver	1.72	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-28-0	Thallium	1.72	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW6020	7440-66-6	Zinc	73.9		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW7471	HLA3024	ERM-Q (Metals)	0.123127036		NA	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW7471	7439-97-6	Mercury	0.0568	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0431	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0431	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0431	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0431	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0431	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0431	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0431	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0431	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0431	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0431	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.431	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	90-12-0	1-Methylnaphthalene	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.431	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	120-83-2	2,4-Dichlorophenol	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	105-67-9	2,4-Dimethylphenol	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	51-28-5	2,4-Dinitrophenol	0.861	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	121-14-2	2,4-Dinitrotoluene	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	606-20-2	2,6-Dinitrotoluene	0.431	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	91-58-7	2-Chloronaphthalene	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	95-57-8	2-Chlorophenol	0.431	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	91-57-6	2-Methylnaphthalene	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	95-48-7	2-Methylphenol	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	88-74-4	2-Nitroaniline	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	88-75-5	2-Nitrophenol	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	15831-10-4	3 & 4 Methylphenol	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	99-09-2	3-Nitroaniline	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.861	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	106-47-8	4-Chloroaniline	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	100-01-6	4-Nitroaniline	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	100-02-7	4-Nitrophenol	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	83-32-9	Acenaphthene	0.0431	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	208-96-8	Acenaphthylene	0.0431	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	62-53-3	Aniline	0.431	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	120-12-7	Anthracene	0.0431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	56-55-3	Benzo(a)anthracene	0.0431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	50-32-8	Benzo(a)pyrene	0.0431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	191-24-2	Benzo(ghi)perylene	0.0431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.431	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	85-68-7	Butylbenzylphthalate	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	86-74-8	Carbazole	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	218-01-9	Chrysene	0.0431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	84-74-2	Di-n-butylphthalate	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	117-84-0	Di-n-octylphthalate	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	132-64-9	Dibenzofuran	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	84-66-2	Diethylphthalate	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	131-11-3	Dimethylphthalate	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	206-44-0	Fluoranthene	0.0495		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	86-73-7	Fluorene	0.0431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	118-74-1	Hexachlorobenzene	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	87-68-3	Hexachlorobutadiene	0.431	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	78-59-1	Isophorone	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.431	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	98-95-3	Nitrobenzene	0.431	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	82-68-8	Pentachloronitrobenzene	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	87-86-5	Pentachlorophenol	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	85-01-8	Phenanthrene	0.0431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	108-95-2	Phenol	0.431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	129-00-0	Pyrene	0.0431	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW8270D	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL500FS	SED	FS	01-May-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	0.861	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	A209F	HLA0046	Percent Solids	65.6		PERCENT	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00762	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0229	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0152	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00762	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0229	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0297		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0152	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.11733		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00762	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	8050	J	MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW6020	7440-36-0	Antimony	1.52	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW6020	7440-38-2	Arsenic	2.09		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW6020	7440-43-9	Cadmium	0.762	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW6020	7440-47-3	Chromium	60.3		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW6020	7440-50-8	Copper	221		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.23430263		NA	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW6020	7439-92-1	Lead	25.6		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW6020	7439-96-5	Manganese	121		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW6020	7440-02-0	Nickel	10.6		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW6020	7782-49-2	Selenium	1.52	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW6020	7440-22-4	Silver	1.52	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW6020	7440-28-0	Thallium	1.52	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW6020	7440-66-6	Zinc	121		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8082	1336-36-3	PCB (total)	0.0381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodisopropylether	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.762	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.762	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.381	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.381	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.381	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0236		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0663		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	62-53-3	Aniline	0.381	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	120-12-7	Anthracene	0.0709		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.3		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.242		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.213		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.134		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.175		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	86-74-8	Carbazole	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	218-01-9	Chrysene	0.194		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0747		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	206-44-0	Fluoranthene	0.358		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	86-73-7	Fluorene	0.0434		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.381	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.381	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.145		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	78-59-1	Isophorone	0.381	UJ	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	91-20-3	Naphthalene	0.0274		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	85-01-8	Phenanthrene	0.276		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	108-95-2	Phenol	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	129-00-0	Pyrene	0.369		MG/KG	Y
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW8270D	110-86-1	Pyridine	0.381	U	MG/KG	N
SD2014-TF-L5	898870.679	623919.934	SD14TFL501FS	SED	FS	01-May-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.762	UJ	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	27.4		PERCENT	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	55500		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-36-0	Antimony		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	12.2	J	MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	211	J	MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-50-8	Copper	535	J	MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.589540342		NA	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW6020	7439-92-1	Lead	115	J	MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	530	J	MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	38.1	J	MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	4.03	J	MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-22-4	Silver		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-28-0	Thallium		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	297	J	MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW7471	7439-97-6	Mercury		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	62-53-3	Aniline		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	86-74-8	Carbazole		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS	22-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene		R	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270	78-59-1	Isophorone		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270	108-95-2	Phenol		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.0621	J	MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.0749	J	MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.0384	J	MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.0475	J	MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.0713	J	MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.0713	J	MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.17	J	MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.0439	J	MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.0804	J	MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.15	J	MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4500FS	SED	FS		22-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total		R	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	A209F	HLA0046	Percent Solids	41.2		PERCENT	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0607	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.0121	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0364	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0243	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.0121	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0607	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0364	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0243	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0243	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.1517	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.0121	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	46000	J	MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	SW6020	7440-36-0	Antimony	2.43	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	SW6020	7440-38-2	Arsenic	9.81		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	SW6020	7440-43-9	Cadmium	3.21		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	SW6020	7440-47-3	Chromium	744		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	SW6020	7440-50-8	Copper	1530		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	1.655234865		NA	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	SW6020	7439-92-1	Lead	162		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	SW6020	7439-96-5	Manganese	356		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	SW6020	7440-02-0	Nickel	49.7		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	SW6020	7782-49-2	Selenium	2.43	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	SW6020	7440-22-4	Silver	7.61		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	SW6020	7440-28-0	Thallium	2.43	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	SW6020	7440-66-6	Zinc	544		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0607	UJ	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0607	UJ	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0607	UJ	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0607	UJ	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS		22-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0607	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0607	UJ	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0607	UJ	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0607	UJ	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0607	UJ	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0607	UJ	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	1.21	UJ	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	1.21	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0757		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.245		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.227		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.309		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.142		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.191		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.209		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0606		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.4		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.606	UJ	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.606	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.139		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.215		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.448		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.606	U	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4501FS	SED	FS	22-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	1.21	UJ	MG/KG	N
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0023	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0035	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0023	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	8270SIM	HLA0482	Total Homolog (PCBs)	0.029	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0023	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	120-12-7	Anthracene	0.012		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.061		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.065		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.052		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.039		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.053		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	218-01-9	Chrysene	0.064		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.012		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	206-44-0	Fluoranthene	0.11		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	86-73-7	Fluorene	0.01	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.037		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	85-01-8	Phenanthrene	0.038		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	129-00-0	Pyrene	0.12		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0002	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0002	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0002	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0002	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0002	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0002	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0002	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0002	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0002	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.0002	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0002	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0002	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0002	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0002	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0002	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.0002	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.0002	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0002	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.0002	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0002	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0002	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.0002	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0002	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0002	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.45		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-47-3	Chromium	23.5		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-50-8	Copper	31.7		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.124758488		NA	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7439-92-1	Lead	12.5		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.07		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-02-0	Nickel	16.9		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-66-6	Zinc	62.7		MG/KG	Y
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW846 8082	12674-11-2	Aroclor-1016	0.024	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW846 8082	11104-28-2	Aroclor-1221	0.024	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW846 8082	11141-16-5	Aroclor-1232	0.024	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW846 8082	53469-21-9	Aroclor-1242	0.024	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW846 8082	12672-29-6	Aroclor-1248	0.024	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW846 8082	11097-69-1	Aroclor-1254	0.024	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW846 8082	11096-82-5	Aroclor-1260	0.024	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW846 8082	37324-23-5	Aroclor-1262	0.024	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW846 8082	11100-14-4	Aroclor-1268	0.024	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW846 8082	HLA0392	Total Aroclor (CALC)	0.024	U	MG/KG	
SD2014-TF-	896755.044	624856.331	SD14TFZA4502FS	SED	FS	06-Apr-15	5	6	SW846 9060	HLA0011	Total Organic Carbon	2.5		PERCENT	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	35.9		PERCENT	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.0139	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0418	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0279	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.0139	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0418	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0279	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0279	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.1742	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0139	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	44500		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	2.79	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	10.4		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	2.25		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	337		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-50-8	Copper	872		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	1.037739953		NA	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW6020	7439-92-1	Lead	130		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	505		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	50.1		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	2.79	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-22-4	Silver	4.22		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	2.79	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	439		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.092	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0697	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.697	UJ	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.697	UJ	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	1.39	UJ	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.697	UJ	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	1.39	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.697	UJ	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.697	UJ	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.697	UJ	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.697	UJ	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.697	UJ	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.697	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.0279	UJ	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.0418	J	MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.0753		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS	22-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.13		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS		22-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.172		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS		22-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.149		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS		22-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.102		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS		22-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.158		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS		22-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.148		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS		22-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.0432		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS		22-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.293		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS		22-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.0279	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS		22-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.0906		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS		22-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS		22-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.146		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS		22-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.296		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5600FS	SED	FS		22-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	1.39	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	A209F	HLA0046	Percent Solids	49.2		PERCENT	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0509	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.0102	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0305	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0203	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.0102	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0509	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0305	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0203	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0203	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.12715	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.0102	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	28100	J	MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW6020	7440-36-0	Antimony	2.03	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW6020	7440-38-2	Arsenic	10.2		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW6020	7440-43-9	Cadmium	1.1		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW6020	7440-47-3	Chromium	136		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW6020	7440-50-8	Copper	1130		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	0.983051536		NA	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW6020	7439-92-1	Lead	192		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW6020	7439-96-5	Manganese	505		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW6020	7440-02-0	Nickel	35.3		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW6020	7782-49-2	Selenium	2.03	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW6020	7440-22-4	Silver	2.03	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW6020	7440-28-0	Thallium	2.03	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW6020	7440-66-6	Zinc	497		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0509	UJ	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0509	UJ	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0509	UJ	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0509	UJ	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0509	UJ	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0509	UJ	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0509	UJ	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0509	UJ	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0509	UJ	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0509	UJ	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	1.01	UJ	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.507	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	1.01	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0203	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0264		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0203	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.0852		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.0913		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0599		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0609		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0619		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.069		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0264		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.121		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0203	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.507	UJ	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0568		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0203	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.0517		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.14		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.507	U	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5601FS	SED	FS		22-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	1.02	UJ	MG/KG	N
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS		06-Apr-15	6	7	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS		06-Apr-15	6	7	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.93		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	SW846 3rd Ed. 6020	7440-47-3	Chromium	26.8		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	SW846 3rd Ed. 6020	7440-50-8	Copper	22.1		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.130551503		NA	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	SW846 3rd Ed. 6020	7439-92-1	Lead	11		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	SW846 3rd Ed. 6020	7440-02-0	Nickel	20		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	SW846 3rd Ed. 6020	7440-66-6	Zinc	68		MG/KG	Y
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2014-TF-	896843.496	625035.708	SD14TFZA5603FS	SED	FS	06-Apr-15	6	7	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	A209F	HLA0046	Percent Solids	49.4		PERCENT	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	E680	2051-24-3	Cl10-BZ#209	0.0506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	E680	25512-42-9	Dichlorobiphenyl (total)	0.0101	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0304	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0202	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	E680	27323-18-8	Monochlorobiphenyl (total)	0.0101	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	E680	55722-26-4	Octachlorobiphenyl (total)	0.0304	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0202	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0202	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	E680	HLA0482	Total Homolog (PCBs)	0.12645	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	E680	25323-68-6	Trichlorobiphenyl (total)	0.0101	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	EPA/600/M4//82/020	1332-21-4	Asbestos, Total	0.5	U	PERCENT	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	LYDKHN	HLA0011	Total Organic Carbon	32700		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-36-0	Antimony	2.02	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-38-2	Arsenic	8.17		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-43-9	Cadmium	2.2		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-47-3	Chromium	276		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-50-8	Copper	703		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW6020	HLA3024	ERM-Q (Metals)	0.865616709		NA	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-92-1	Lead	110		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW6020	7439-96-5	Manganese	412		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-02-0	Nickel	44.2		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW6020	7782-49-2	Selenium	2.02	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-22-4	Silver	3.05		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-28-0	Thallium	2.02	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW6020	7440-66-6	Zinc	428		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW7471	7439-97-6	Mercury	0.0668	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8082	12674-11-2	Aroclor-1016	0.0506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8082	11104-28-2	Aroclor-1221	0.0506	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8082	11141-16-5	Aroclor-1232	0.0506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8082	53469-21-9	Aroclor-1242	0.0506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8082	12672-29-6	Aroclor-1248	0.0506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8082	11097-69-1	Aroclor-1254	0.0506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8082	11096-82-5	Aroclor-1260	0.0506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8082	37324-23-5	Aroclor-1262	0.0506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8082	11100-14-4	Aroclor-1268	0.0506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8082	1336-36-3	PCB (total)	0.0506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-82-1	1,2,4-Trichlorobenzene	0.506	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	90-12-0	1-Methylnaphthalene	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-60-1	2,2'-Dichlorodiisopropylether	0.506	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-95-4	2,4,5-Trichlorophenol	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-06-2	2,4,6-Trichlorophenol	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	120-83-2	2,4-Dichlorophenol	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	105-67-9	2,4-Dimethylphenol	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	51-28-5	2,4-Dinitrophenol	1.01	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	121-14-2	2,4-Dinitrotoluene	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	606-20-2	2,6-Dinitrotoluene	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-58-7	2-Chloronaphthalene	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-57-8	2-Chlorophenol	0.506	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-57-6	2-Methylnaphthalene	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	95-48-7	2-Methylphenol	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-74-4	2-Nitroaniline	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	88-75-5	2-Nitrophenol	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	15831-10-4	3 & 4 Methylphenol	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	91-94-1	3,3'-Dichlorobenzidine	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	99-09-2	3-Nitroaniline	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	534-52-1	4,6-Dinitro-2-methylphenol	1.01	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	101-55-3	4-Bromophenyl phenyl ether	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	59-50-7	4-Chloro-3-methylphenol	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	106-47-8	4-Chloroaniline	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	7005-72-3	4-Chlorophenyl phenyl ether	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-01-6	4-Nitroaniline	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	100-02-7	4-Nitrophenol	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	62-53-3	Aniline	0.506	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-91-1	Bis(2-Chloroethoxy)methane	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	111-44-4	Bis(2-Chloroethyl)ether	0.506	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-81-7	Bis(2-Ethylhexyl)phthalate	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	85-68-7	Butylbenzylphthalate	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-74-8	Carbazole	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-74-2	Di-n-butylphthalate	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	117-84-0	Di-n-octylphthalate	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	132-64-9	Dibenzofuran	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	84-66-2	Diethylphthalate	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	131-11-3	Dimethylphthalate	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	118-74-1	Hexachlorobenzene	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-68-3	Hexachlorobutadiene	0.506	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	77-47-4	Hexachlorocyclopentadiene	0.506	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	67-72-1	Hexachloroethane		R	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	78-59-1	Isophorone	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	621-64-7	N-Nitrosodi-n-propylamine	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	86-30-6	N-Nitrosodiphenylamine	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	98-95-3	Nitrobenzene	0.506	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	82-68-8	Pentachloronitrobenzene	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	87-86-5	Pentachlorophenol	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	108-95-2	Phenol	0.506	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270	110-86-1	Pyridine		R	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	83-32-9	Acenaphthene	0.101	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	208-96-8	Acenaphthylene	0.101	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	120-12-7	Anthracene	0.101	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	56-55-3	Benzo(a)anthracene	0.137		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	50-32-8	Benzo(a)pyrene	0.121		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	205-99-2	Benzo(b)fluoranthene	0.101	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	191-24-2	Benzo(ghi)perylene	0.101	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	207-08-9	Benzo(k)fluoranthene	0.116		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	218-01-9	Chrysene	0.126		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	53-70-3	Dibenz(a,h)anthracene	0.101	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	206-44-0	Fluoranthene	0.197		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	86-73-7	Fluorene	0.101	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	0.101	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	91-20-3	Naphthalene		R	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	85-01-8	Phenanthrene	0.101	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW8270C	129-00-0	Pyrene	0.243		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6700FS	SED	FS	23-Apr-14	0	0.5	SW9010A	57-12-5	Cyanide, Total	1.01	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	A209F	HLA0046	Percent Solids	52.9		PERCENT	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	E680	2051-24-3	Cl10-BZ#209	0.0472	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	E680	25512-42-9	Dichlorobiphenyl (total)	0.00944	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	E680	28655-71-2	Heptachlorobiphenyl (total)	0.0283	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	E680	26601-64-9	Hexachlorobiphenyl (total)	0.0189	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	E680	27323-18-8	Monochlorobiphenyl (total)	0.00944	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	E680	53742-07-7	Nonachlorobiphenyl (total)	0.0472	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	E680	55722-26-4	Octachlorobiphenyl (total)	0.0283	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	E680	25429-29-2	Pentachlorobiphenyl (total)	0.0189	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	E680	26914-33-0	Tetrachlorobiphenyl (total)	0.0189	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	E680	HLA0482	Total Homolog (PCBs)	0.11801	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	E680	25323-68-6	Trichlorobiphenyl (total)	0.00944	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	LYDKHN	HLA0011	Total Organic Carbon	29600	J	MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW6020	7440-36-0	Antimony	1.89	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW6020	7440-38-2	Arsenic	11.4		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW6020	7440-43-9	Cadmium	2.29		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW6020	7440-47-3	Chromium	229		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW6020	7440-50-8	Copper	2140		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW6020	HLA3024	ERM-Q (Metals)	1.671397173		NA	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW6020	7439-92-1	Lead	208		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW6020	7439-96-5	Manganese	377		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW6020	7440-02-0	Nickel	49.5		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW6020	7782-49-2	Selenium	1.89	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW6020	7440-22-4	Silver	1.89	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW6020	7440-28-0	Thallium	1.89	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW6020	7440-66-6	Zinc	925		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8082	12674-11-2	Aroclor-1016	0.0472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8082	11104-28-2	Aroclor-1221	0.0472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8082	11141-16-5	Aroclor-1232	0.0472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8082	53469-21-9	Aroclor-1242	0.0472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8082	12672-29-6	Aroclor-1248	0.0472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8082	11097-69-1	Aroclor-1254	0.0472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8082	11096-82-5	Aroclor-1260	0.0472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8082	37324-23-5	Aroclor-1262	0.0472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8082	11100-14-4	Aroclor-1268	0.0472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8082	1336-36-3	PCB (total)	0.0472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	120-82-1	1,2,4-Trichlorobenzene	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	90-12-0	1-Methylnaphthalene	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	108-60-1	2,2'-Dichlorodiisopropylether	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	95-95-4	2,4,5-Trichlorophenol	0.472	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	88-06-2	2,4,6-Trichlorophenol	0.472	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	120-83-2	2,4-Dichlorophenol	0.472	U	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	105-67-9	2,4-Dimethylphenol	0.472	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	51-28-5	2,4-Dinitrophenol	0.944	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	121-14-2	2,4-Dinitrotoluene	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	606-20-2	2,6-Dinitrotoluene	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	91-58-7	2-Chloronaphthalene	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	95-57-8	2-Chlorophenol	0.472	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	91-57-6	2-Methylnaphthalene	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	95-48-7	2-Methylphenol	0.472	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	88-74-4	2-Nitroaniline	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	88-75-5	2-Nitrophenol	0.472	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	15831-10-4	3 & 4 Methylphenol	0.472	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	91-94-1	3,3'-Dichlorobenzidine	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	99-09-2	3-Nitroaniline	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.944	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	101-55-3	4-Bromophenyl phenyl ether	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	59-50-7	4-Chloro-3-methylphenol	0.472	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	106-47-8	4-Chloroaniline	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	100-01-6	4-Nitroaniline	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	100-02-7	4-Nitrophenol	0.472	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	83-32-9	Acenaphthene	0.0189	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	208-96-8	Acenaphthylene	0.0387		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	62-53-3	Aniline	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	120-12-7	Anthracene	0.0189		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	56-55-3	Benzo(a)anthracene	0.11		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	50-32-8	Benzo(a)pyrene	0.107		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0718		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	191-24-2	Benzo(ghi)perylene	0.0586		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0803		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	111-91-1	Bis(2-Chloroethoxy)methane	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	111-44-4	Bis(2-Chloroethyl)ether	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	117-81-7	Bis(2-Ethylhexyl)phthalate	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	85-68-7	Butylbenzylphthalate	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	86-74-8	Carbazole	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	218-01-9	Chrysene	0.0888		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	84-74-2	Di-n-butylphthalate	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	117-84-0	Di-n-octylphthalate	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	53-70-3	Dibenz(a,h)anthracene	0.0302		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	132-64-9	Dibenzofuran	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	84-66-2	Diethylphthalate	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	131-11-3	Dimethylphthalate	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	206-44-0	Fluoranthene	0.157		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	86-73-7	Fluorene	0.0189	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	118-74-1	Hexachlorobenzene	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	87-68-3	Hexachlorobutadiene	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	77-47-4	Hexachlorocyclopentadiene	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	67-72-1	Hexachloroethane	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	0.0614		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	78-59-1	Isophorone	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	86-30-6	N-Nitrosodiphenylamine	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	91-20-3	Naphthalene	0.0189	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	98-95-3	Nitrobenzene	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	82-68-8	Pentachloronitrobenzene	0.472	UJ	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	87-86-5	Pentachlorophenol	0.472	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	85-01-8	Phenanthrene	0.068		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	108-95-2	Phenol	0.472	U	MG/KG	N
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	129-00-0	Pyrene	0.167		MG/KG	Y
SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW8270D	110-86-1	Pyridine	0.472	UJ	MG/KG	N

2014-2015 Sediment Analytical Data

SD2014-TF-	896931.949	625215.086	SD14TFZA6701FS	SED	FS	23-Apr-14	1	2	SW9010A	57-12-5	Cyanide, Total	0.944	UJ	MG/KG	N
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	7		MG/KG	Y
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	23.3		MG/KG	Y
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	11.7		MG/KG	Y
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.112285736		NA	Y
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	6.89		MG/KG	Y
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	16.7		MG/KG	Y
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	61.3		MG/KG	Y
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0103FS	SED	FS	06-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0035	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	8270SIM	HLA0482	Total Homolog (PCBs)	0.029	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-38-2	Arsenic	8.53		MG/KG	Y
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.65		MG/KG	Y
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-47-3	Chromium	26.8		MG/KG	Y
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-50-8	Copper	17.6		MG/KG	Y
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.119628409		NA	Y
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7439-92-1	Lead	6.64		MG/KG	Y
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-02-0	Nickel	15.8		MG/KG	Y
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-66-6	Zinc	64.8		MG/KG	Y
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-A01	896535.765	624072.484	SD15TFA0105FS	SED	FS	06-Apr-15	5	6	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.00051	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00091	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.00091	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270 SIM	218-01-9	Chrysene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270 SIM	206-44-0	Fluoranthene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270 SIM	86-73-7	Fluorene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270 SIM	85-01-8	Phenanthrene	0.006	J	MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270 SIM	129-00-0	Pyrene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0002	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0002	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0002	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0002	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.00015	J	MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0002	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0002	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0002	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0002	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.0002	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0002	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0002	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0002	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0002	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0002	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.0002	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.0002	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0002	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.0002	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0002	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0002	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.0002	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0002	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0002	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.33		MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	25.1		MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	12.3		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.115938826	NA	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	7.04	MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	18.2	MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	62.1	MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB103FS	SED	FS	06-Apr-15	3	4	SW846 9060	HLA0011	Total Organic Carbon	2.6	PERCENT	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.00049	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00089	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.00089	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	8270SIM	55722-26-4	Ottachlorobiphenyl (total)	0.0024	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	8270SIM	HLA0482	Total Homolog (PCBs)	0.0296	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	120-12-7	Anthracene	0.01	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.01	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.01	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.01	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.01	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.01	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	218-01-9	Chrysene	0.01	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	206-44-0	Fluoranthene	0.01	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	86-73-7	Fluorene	0.01	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.01	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	85-01-8	Phenanthrene	0.008	MG/KG	J
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270 SIM	129-00-0	Pyrene	0.01	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0001	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0001	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0001	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0001	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0001	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0001	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0001	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0001	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0001	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.0001	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0001	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0001	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0001	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0001	MG/KG	U
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0001	MG/KG	U

2014-2015 Sediment Analytical Data

SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.96		MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-47-3	Chromium	23.1		MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-50-8	Copper	12		MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.113192985		NA	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7439-92-1	Lead	7.04		MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.06		MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-02-0	Nickel	17.6		MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-66-6	Zinc	62.7		MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB105FS	SED	FS	06-Apr-15	5	6	SW846 9060	HLA0011	Total Organic Carbon	2.8		PERCENT	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	8270SIM	HLA0482	Total Homolog (PCBs)	0.0301	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270 SIM	218-01-9	Chrysene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270 SIM	206-44-0	Fluoranthene	0.006	J	MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270 SIM	86-73-7	Fluorene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270 SIM	85-01-8	Phenanthrene	0.01	J	MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270 SIM	129-00-0	Pyrene	0.006	J	MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0001	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.00009	J	MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.00009	J	MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.00008	J	MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0001	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-38-2	Arsenic	7.46		MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-47-3	Chromium	23.5		MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-50-8	Copper	12.3		MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.115602138		NA	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7439-92-1	Lead	6.68		MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-02-0	Nickel	17.7		MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-66-6	Zinc	60.8		MG/KG	Y
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-AB1	896632.276	624096.154	SD15TFAB107FS	SED	FS	06-Apr-15	7	8	SW846 9060	HLA0011	Total Organic Carbon	3		PERCENT	Y
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0023	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0035	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0023	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.029	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0023	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	7.09		MG/KG	Y
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	27.2		MG/KG	Y
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	13		MG/KG	Y
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.124125851		NA	Y

2014-2015 Sediment Analytical Data

SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	8.36		MG/KG	Y
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	19.5		MG/KG	Y
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	68.3		MG/KG	Y
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.024	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.024	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.024	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.024	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.024	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.024	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.024	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.024	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.024	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1203FS	SED	FS	06-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	0.024	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-38-2	Arsenic	9		MG/KG	Y
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.6		MG/KG	Y
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-47-3	Chromium	31.3		MG/KG	Y
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-50-8	Copper	17.8		MG/KG	Y
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.148022664		NA	Y
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7439-92-1	Lead	10.5		MG/KG	Y
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-02-0	Nickel	23.8		MG/KG	Y
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	SW846 3rd Ed. 6020	7440-66-6	Zinc	81.2		MG/KG	Y
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1205FS	SED	FS	06-Apr-15	5	6	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-38-2	Arsenic	8.11		MG/KG	Y
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.51		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-47-3	Chromium	25.5		MG/KG	Y
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-50-8	Copper	13.2		MG/KG	Y
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.124586395		NA	Y
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7439-92-1	Lead	7.87		MG/KG	Y
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-02-0	Nickel	19.3		MG/KG	Y
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	SW846 3rd Ed. 6020	7440-66-6	Zinc	67.5		MG/KG	Y
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-	896646.95	624184.903	SD15TFAB1207FS	SED	FS	06-Apr-15	7	8	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0037	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.98		MG/KG	Y
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	25.6		MG/KG	Y
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	13.8		MG/KG	Y
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.121913821		NA	Y
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	7.99		MG/KG	Y
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	19.5		MG/KG	Y
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	68.8		MG/KG	Y
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1203FS	SED	FS	03-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.07		MG/KG	Y
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-47-3	Chromium	24.2		MG/KG	Y
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-50-8	Copper	12.8		MG/KG	Y
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.118247266		NA	Y
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7439-92-1	Lead	7.5		MG/KG	Y
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-02-0	Nickel	18.8		MG/KG	Y
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-66-6	Zinc	65.8		MG/KG	Y
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1205FS	SED	FS	03-Apr-15	5	6	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0055		MG/KG	Y
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-38-2	Arsenic	8.15		MG/KG	Y
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.65		MG/KG	Y
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-47-3	Chromium	29.1		MG/KG	Y
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-50-8	Copper	15.9		MG/KG	Y
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.13919563		NA	Y
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7439-92-1	Lead	9.56		MG/KG	Y
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-02-0	Nickel	22.3		MG/KG	Y
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-66-6	Zinc	74.1		MG/KG	Y
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-B12	896758.751	624185.521	SD15TFB1207FS	SED	FS	03-Apr-15	7	8	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.00051	U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0046		MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.01		MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.017		MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00091	U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.00091	U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0042		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.12	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.41	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.77	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.2	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.64	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	26.8	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	20.4	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.126665445	NA	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	8.64	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	21.3	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	59.5	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.035	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.073	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.51	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.089	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD003FS	SED	FS	03-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	0.707	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00091 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.00091 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.022	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.068	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	8270SIM	HLA0482	Total Homolog (PCBs)	0.14	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.04	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.97	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-47-3	Chromium	26.6	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-50-8	Copper	11.4	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.119550659	NA	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7439-92-1	Lead	7.7	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-02-0	Nickel	19.7	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-66-6	Zinc	62.6	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	SW846 8082	12674-11-2	Aroclor-1016	0.025 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	SW846 8082	11104-28-2	Aroclor-1221	0.025 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	SW846 8082	11141-16-5	Aroclor-1232	0.025 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	SW846 8082	53469-21-9	Aroclor-1242	0.085	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	SW846 8082	12672-29-6	Aroclor-1248	0.052	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	SW846 8082	11097-69-1	Aroclor-1254	0.025 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	SW846 8082	11096-82-5	Aroclor-1260	0.025 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	SW846 8082	37324-23-5	Aroclor-1262	0.025 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	SW846 8082	11100-14-4	Aroclor-1268	0.025 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD005FS	SED	FS	03-Apr-15	5	6	SW846 8082	HLA0392	Total Aroclor (CALC)	0.137	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005 U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.019	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.023	MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.042	MG/KG	Y

2014-2015 Sediment Analytical Data

SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0081		MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.29		MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.9		MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	8270SIM	HLA0482	Total Homolog (PCBs)	1.8		MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.48		MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.6		MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.6		MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-47-3	Chromium	33		MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-50-8	Copper	19.3		MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.153771664		NA	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7439-92-1	Lead	9.6		MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-02-0	Nickel	28.5		MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-66-6	Zinc	74.3		MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	SW846 8082	12674-11-2	Aroclor-1016	0.25		MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	SW846 8082	11141-16-5	Aroclor-1232	0.14		MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	SW846 8082	53469-21-9	Aroclor-1242	1.7		MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	SW846 8082	12672-29-6	Aroclor-1248	1.1		MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	SW846 8082	11097-69-1	Aroclor-1254	0.039		MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	SW846 8082	11096-82-5	Aroclor-1260	0.054		MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	SW846 8082	37324-23-5	Aroclor-1262	0.036		MG/KG	Y
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-D0	897073.897	623807.126	SD15TFD007FS	SED	FS	03-Apr-15	7	8	SW846 8082	HLA0392	Total Aroclor (CALC)	3.319		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0037	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0025	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.031	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270 SIM	218-01-9	Chrysene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270 SIM	206-44-0	Fluoranthene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270 SIM	86-73-7	Fluorene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270 SIM	85-01-8	Phenanthrene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270 SIM	129-00-0	Pyrene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.00018		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.00022		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.00017		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.00031		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.00015		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.00022		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0001	J	MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.000095	J	MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.00012		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.00009	J	MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.58		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	21.5	J	MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	9.97		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.103617844		NA	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	6.18		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	15.9		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	53.5		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.026	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.026	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.026	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.026	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.026	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.026	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.026	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.026	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.026	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	0.026	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0103FS	SED	FS	03-Apr-15	3	4	SW846 9060	HLA0011	Total Organic Carbon	2.6		PERCENT	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0037	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0025	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	8270SIM	HLA0482	Total Homolog (PCBs)	0.031	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.01	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270 SIM	218-01-9	Chrysene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270 SIM	206-44-0	Fluoranthene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270 SIM	86-73-7	Fluorene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270 SIM	85-01-8	Phenanthrene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270 SIM	129-00-0	Pyrene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.00018		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.00021		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.00017		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.00031		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.00014		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.00022		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0001	J	MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.000094	J	MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.00012		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.00009	J	MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.55		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-47-3	Chromium	23.5	J	MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-50-8	Copper	12.6		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.11542162		NA	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7439-92-1	Lead	7.53		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-02-0	Nickel	18		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-66-6	Zinc	61.1		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW846 8082	12674-11-2	Aroclor-1016	0.026	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW846 8082	11104-28-2	Aroclor-1221	0.026	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW846 8082	11141-16-5	Aroclor-1232	0.026	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW846 8082	53469-21-9	Aroclor-1242	0.026	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW846 8082	12672-29-6	Aroclor-1248	0.026	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW846 8082	11097-69-1	Aroclor-1254	0.026	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW846 8082	11096-82-5	Aroclor-1260	0.026	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW846 8082	37324-23-5	Aroclor-1262	0.026	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW846 8082	11100-14-4	Aroclor-1268	0.026	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW846 8082	HLA0392	Total Aroclor (CALC)	0.026	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0105FS	SED	FS	03-Apr-15	5	6	SW846 9060	HLA0011	Total Organic Carbon	2.4		PERCENT	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0035	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	8270SIM	HLA0482	Total Homolog (PCBs)	0.029	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270 SIM	218-01-9	Chrysene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270 SIM	206-44-0	Fluoranthene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270 SIM	86-73-7	Fluorene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270 SIM	85-01-8	Phenanthrene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270 SIM	129-00-0	Pyrene	0.01	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.00015		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0001	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.94		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.6		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-47-3	Chromium	26.9	J	MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-50-8	Copper	14.9		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.127562815		NA	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7439-92-1	Lead	8.72		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-02-0	Nickel	20.4		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-66-6	Zinc	65.8		MG/KG	Y
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-	897140.855	623829.857	SD15TFDE0107FS	SED	FS	03-Apr-15	7	8	SW846 9060	HLA0011	Total Organic Carbon	3		PERCENT	Y
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.67		MG/KG	Y
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	21		MG/KG	Y
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	9.9		MG/KG	Y
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.102406689		NA	Y
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	6.57		MG/KG	Y
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	15.4		MG/KG	Y
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	52.9		MG/KG	Y
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE003FS	SED	FS	03-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0035	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.17		MG/KG	Y
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-47-3	Chromium	25		MG/KG	Y
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-50-8	Copper	13		MG/KG	Y
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.11827565		NA	Y
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7439-92-1	Lead	7.66		MG/KG	Y
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-02-0	Nickel	18.5		MG/KG	Y
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-66-6	Zinc	66.2		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-E0	897208.429	623740.787	SD15TFE005FS	SED	FS	03-Apr-15	5	6	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.002		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.069		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.096		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00091	UJ	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.014		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.041		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.16	J	MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.17		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	8270SIM	HLA0482	Total Homolog (PCBs)	0.62		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.066		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-38-2	Arsenic	9.02		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-43-9	Cadmium	2.17		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-47-3	Chromium	192	J	MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-50-8	Copper	443		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.676990374		NA	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7439-92-1	Lead	106		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.48		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-02-0	Nickel	43.7		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-22-4	Silver	3.05		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-66-6	Zinc	305		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	12674-11-2	Aroclor-1016	0.04		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	12672-29-6	Aroclor-1248	0.069		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	11097-69-1	Aroclor-1254	0.093		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	11096-82-5	Aroclor-1260	0.16		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	37324-23-5	Aroclor-1262	0.074		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE700FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	HLA0392	Total Aroclor (CALC)	0.436		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0028		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.058		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.1		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00092	UJ	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.013		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.033		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.18	J	MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.23		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	8270SIM	HLA0482	Total Homolog (PCBs)	0.69		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.077		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7440-38-2	Arsenic	7.45		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7440-43-9	Cadmium	2.87		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7440-47-3	Chromium	357	J	MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7440-50-8	Copper	861		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	2.175640909		NA	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7439-92-1	Lead	92		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.57		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7440-02-0	Nickel	36.7		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7440-22-4	Silver	2.73		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7440-66-6	Zinc	536		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	SW846 8082	12674-11-2	Aroclor-1016	0.066		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	SW846 8082	11104-28-2	Aroclor-1221	0.026	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	SW846 8082	11141-16-5	Aroclor-1232	0.026	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	SW846 8082	53469-21-9	Aroclor-1242	0.026	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	SW846 8082	12672-29-6	Aroclor-1248	0.13		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	SW846 8082	11097-69-1	Aroclor-1254	0.18		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	SW846 8082	11096-82-5	Aroclor-1260	0.17		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	SW846 8082	37324-23-5	Aroclor-1262	0.081		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	SW846 8082	11100-14-4	Aroclor-1268	0.026	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE701FS	SED	FS	02-Apr-15	1	2	SW846 8082	HLA0392	Total Aroclor (CALC)	0.627		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.032		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.053		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.032		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00088	UJ	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.084		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.1		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0059	J	MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.32		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0052		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	11.2		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	3.67		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	555	J	MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	2260		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	1.815997362		NA	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	179		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	3.64		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	44.4		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	1.28		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	856		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.042		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.14		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE702FS	SED	FS	02-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.182		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	UJ	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	15.3		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	3.72		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	400		MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	2400		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	2.142012606	NA	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	307	MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	8.17	MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	45.8	MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	1.88	MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	1540	MG/KG	Y
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025 U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025 U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025 U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025 U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025 U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025 U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025 U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025 U	MG/KG	
SD2015-TF-E7	897716.414	624884.006	SD15TFE703FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0037 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0043 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.031 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.28	MG/KG	Y
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	22.4	MG/KG	Y
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	9.48	MG/KG	Y
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.104552612	NA	Y
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	5.96	MG/KG	Y
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	16.2	MG/KG	Y
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	56.1	MG/KG	Y
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0103FS	SED	FS	03-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	8270SIM	HLA0482	Total Homolog (PCBs)	0.03 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024 U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.09	MG/KG	Y
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5 U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-47-3	Chromium	24.2		MG/KG	Y
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-50-8	Copper	12.4		MG/KG	Y
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.118106558		NA	Y
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7439-92-1	Lead	7.35		MG/KG	Y
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-02-0	Nickel	18.6		MG/KG	Y
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-66-6	Zinc	67.7		MG/KG	Y
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0105FS	SED	FS	03-Apr-15	5	6	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-38-2	Arsenic	8		MG/KG	Y
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.66		MG/KG	Y
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-47-3	Chromium	30.1		MG/KG	Y
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-50-8	Copper	15.7		MG/KG	Y
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.140468547		NA	Y
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7439-92-1	Lead	9.74		MG/KG	Y
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-02-0	Nickel	22.6		MG/KG	Y
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	SW846 3rd Ed. 6020	7440-66-6	Zinc	75.2		MG/KG	Y
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-EF01	897320.232	623741.404	SD15TFEF0107FS	SED	FS	03-Apr-15	7	8	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0037	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.031	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.68		MG/KG	Y
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	22.8		MG/KG	Y
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	10.6		MG/KG	Y
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.107233697		NA	Y
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	6.77		MG/KG	Y
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	16.5		MG/KG	Y
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	56.5		MG/KG	Y
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF103FS	SED	FS	03-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.68		MG/KG	Y
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-47-3	Chromium	23.1		MG/KG	Y
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-50-8	Copper	11.6		MG/KG	Y
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.113052665		NA	Y
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7439-92-1	Lead	6.98		MG/KG	Y
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-02-0	Nickel	17.6		MG/KG	Y
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	SW846 3rd Ed. 6020	7440-66-6	Zinc	64.6		MG/KG	Y
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-EF1	897342.963	623674.447	SD15TFEF105FS	SED	FS	03-Apr-15	5	6	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TF700FS	SED	FS	03-Apr-15	0	0.5	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TF700FS	SED	FS	03-Apr-15	0	0.5	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TF700FS	SED	FS	03-Apr-15	0	0.5	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TF700FS	SED	FS	03-Apr-15	0	0.5	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TF700FS	SED	FS	03-Apr-15	0	0.5	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00089	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TF700FS	SED	FS	03-Apr-15	0	0.5	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.00089	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TF700FS	SED	FS	03-Apr-15	0	0.5	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	8270SIM	HLA0482	Total Homolog (PCBs)	0.0297	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	218-01-9	Chrysene	0.005	J	MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	206-44-0	Fluoranthene	0.01		MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	86-73-7	Fluorene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	85-01-8	Phenanthrene	0.009	J	MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	129-00-0	Pyrene	0.01		MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.64		MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.76		MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-47-3	Chromium	26.8		MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-50-8	Copper	18.6		MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.137212945		NA	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7439-92-1	Lead	8.85		MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.06		MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-02-0	Nickel	21.8		MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-66-6	Zinc	75.5		MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF700FS	SED	FS	03-Apr-15	0	0.5	SW846 9060	HLA0011	Total Organic Carbon	3.4		PERCENT	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	8270SIM	HLA0482	Total Homolog (PCBs)	0.0299	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	218-01-9	Chrysene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	206-44-0	Fluoranthene	0.007	J	MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	86-73-7	Fluorene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	85-01-8	Phenanthrene	0.017		MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	129-00-0	Pyrene	0.01	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.58		MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.92		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-47-3	Chromium	27.2	MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-50-8	Copper	17.8	MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.139426369	NA	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7439-92-1	Lead	8.51	MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-02-0	Nickel	22	MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-66-6	Zinc	76.1	MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW846 8082	12674-11-2	Aroclor-1016	0.025	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW846 8082	11104-28-2	Aroclor-1221	0.025	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW846 8082	11141-16-5	Aroclor-1232	0.025	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW846 8082	53469-21-9	Aroclor-1242	0.025	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW846 8082	12672-29-6	Aroclor-1248	0.025	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW846 8082	11097-69-1	Aroclor-1254	0.025	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW846 8082	11096-82-5	Aroclor-1260	0.025	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW846 8082	37324-23-5	Aroclor-1262	0.025	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW846 8082	11100-14-4	Aroclor-1268	0.025	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF701FS	SED	FS	03-Apr-15	1	2	SW846 9060	HLA0011	Total Organic Carbon	3.3	PERCENT	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.00051	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00091	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.00091	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.0303	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	120-12-7	Anthracene	0.01	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.01	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.01	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.01	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.01	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.01	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	218-01-9	Chrysene	0.01	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	206-44-0	Fluoranthene	0.006	MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	86-73-7	Fluorene	0.01	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.01	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	85-01-8	Phenanthrene	0.015	MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	129-00-0	Pyrene	0.01	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0001	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0001	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0001	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0001	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0001	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0001	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0001	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0001	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0001	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.0001	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0001	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0001	MG/KG	U
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0001	MG/KG	U

2014-2015 Sediment Analytical Data

SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0001	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.52		MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.65		MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	26.4		MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	18.2		MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.136412463		NA	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	8.71		MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	22		MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	78		MG/KG	Y
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-F7	897962.749	624818.286	SD15TFF702FS	SED	FS	03-Apr-15	2	3	SW846 9060	HLA0011	Total Organic Carbon	3.9		PERCENT	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0012		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.037		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.049		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0056		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.03		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.069		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.068		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	8270SIM	HLA0482	Total Homolog (PCBs)	0.29		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.027		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.3		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.75		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-47-3	Chromium	91.3	J	MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-50-8	Copper	250		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.368549484		NA	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7439-92-1	Lead	57.4		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.35		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-02-0	Nickel	24.5		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-22-4	Silver	1.34		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-66-6	Zinc	208		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	12674-11-2	Aroclor-1016	0.026	U	MG/KG	
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	11104-28-2	Aroclor-1221	0.026	U	MG/KG	
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	11141-16-5	Aroclor-1232	0.026	U	MG/KG	
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	53469-21-9	Aroclor-1242	0.026	U	MG/KG	
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	12672-29-6	Aroclor-1248	0.072		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	11097-69-1	Aroclor-1254	0.064		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	11096-82-5	Aroclor-1260	0.048		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	37324-23-5	Aroclor-1262	0.036		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	11100-14-4	Aroclor-1268	0.026	U	MG/KG	
SD2015-TF-G6	898053.53	624550.578	SD15TFG600FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	HLA0392	Total Aroclor (CALC)	0.148		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0011		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.03		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.051		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0071		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.016		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.065		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.072		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	8270SIM	HLA0482	Total Homolog (PCBs)	0.26		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.022		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7440-38-2	Arsenic	7.47		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.82		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7440-47-3	Chromium	108	J	MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7440-50-8	Copper	298		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.4381148		NA	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7439-92-1	Lead	68.7		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.58		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7440-02-0	Nickel	30.6		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7440-22-4	Silver	1.73		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7440-66-6	Zinc	222		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	SW846 8082	11097-69-1	Aroclor-1254	0.035		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	SW846 8082	11096-82-5	Aroclor-1260	0.082		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-G6	898053.53	624550.578	SD15TFG601FS	SED	FS	02-Apr-15	1	2	SW846 8082	HLA0392	Total Aroclor (CALC)	0.117		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0013		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0028		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.051		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.071		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.011		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.025		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.1		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.091		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.4		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.044		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.33		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	1.03		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	107	J	MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	305		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.45289638		NA	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	65.3		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.37		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	30.2		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	2.03		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	235		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.048		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.2		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.047		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.14		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.093		MG/KG	Y
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-G6	898053.53	624550.578	SD15TFG602FS	SED	FS	02-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.528		MG/KG	Y
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0059		MG/KG	Y
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00089	UJ	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.00089	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0075	J	MG/KG	Y
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0052		MG/KG	Y
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-38-2	Arsenic	1.85		MG/KG	Y
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-47-3	Chromium	21.3	J	MG/KG	Y
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-50-8	Copper	48.7		MG/KG	Y
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.099725205		NA	Y
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	SW846 3rd Ed. 6020	7439-92-1	Lead	12.2		MG/KG	Y
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.08		MG/KG	Y
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-02-0	Nickel	7.3		MG/KG	Y
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-66-6	Zinc	61		MG/KG	Y
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG700FS	SED	FS	06-Apr-15	0	0.5	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.00049	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0023	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0052		MG/KG	Y
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0058		MG/KG	Y
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00088	UJ	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.00088	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0023	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.007	J	MG/KG	Y
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0049		MG/KG	Y
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.029	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0023	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	2.89		MG/KG	Y
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	36.7	J	MG/KG	Y
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	90.6		MG/KG	Y
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.156349928		NA	Y
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	22.2		MG/KG	Y
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.13		MG/KG	Y
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	12.1		MG/KG	Y
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	103		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.024	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.024	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.024	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.024	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.024	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.024	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.024	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.024	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.024	U	MG/KG	
SD2015-TF-G7	898141.983	624729.956	SD15TFG702FS	SED	FS	06-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.024	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0051		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0033	J	MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.25		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.19		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0019	J	MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.055		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.17		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.17	J	MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.095		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.99		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.046	J	MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.26		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	2.15		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	2360		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	188		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.331195568		NA	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	65.4	J	MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	1	J	MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	1160		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	3.27		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	187		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.026	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.026	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.026	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.026	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.026	UJ	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.19		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.7		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.58		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.18		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1203FS	SED	FS	02-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	1.65		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0025	UJ	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0037	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	UJ	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0025	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	UJ	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	8270SIM	HLA0482	Total Homolog (PCBs)	0.031	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0025	UJ	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.01		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-47-3	Chromium	36.9		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-50-8	Copper	12.3		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.120442243		NA	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7439-92-1	Lead	5.54	J	MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-02-0	Nickel	21		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-66-6	Zinc	52.1		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	SW846 8082	12674-11-2	Aroclor-1016	0.026	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	SW846 8082	11104-28-2	Aroclor-1221	0.026	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	SW846 8082	11141-16-5	Aroclor-1232	0.026	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	SW846 8082	53469-21-9	Aroclor-1242	0.026	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	SW846 8082	12672-29-6	Aroclor-1248	0.026	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	SW846 8082	11097-69-1	Aroclor-1254	0.026	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	SW846 8082	11096-82-5	Aroclor-1260	0.026	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	SW846 8082	37324-23-5	Aroclor-1262	0.026	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	SW846 8082	11100-14-4	Aroclor-1268	0.026	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1205FS	SED	FS	02-Apr-15	5	6	SW846 8082	HLA0392	Total Aroclor (CALC)	0.026	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	UJ	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	UJ	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	UJ	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	UJ	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.41		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-47-3	Chromium	24.1		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-50-8	Copper	12.3		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.115876045		NA	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7439-92-1	Lead	6.89	J	MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-02-0	Nickel	18.7		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-66-6	Zinc	64.7		MG/KG	Y
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-	897902.589	623565.735	SD15TFGH1207FS	SED	FS	02-Apr-15	7	8	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.079		MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.36		MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	3.2		MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	2.9		MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.026	J	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.75		MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	8270SIM	55722-26-4	Octachlorobiphenyl (total)	1.9		MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	9.6	J	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	25		MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	8270SIM	HLA0482	Total Homolog (PCBs)	54		MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	8270SIM	25323-68-6	Trichlorobiphenyl (total)	11		MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.85		MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-43-9	Cadmium	4.8		MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-47-3	Chromium	348	J	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-50-8	Copper	559		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	1.425158737	NA	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7439-92-1	Lead	79.9	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.57	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-02-0	Nickel	135	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-22-4	Silver	14.6	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-66-6	Zinc	360	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	12674-11-2	Aroclor-1016	5.5	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	11104-28-2	Aroclor-1221	0.26	MG/KG	U
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	11141-16-5	Aroclor-1232	1.4	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	53469-21-9	Aroclor-1242	31	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	12672-29-6	Aroclor-1248	19	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	11097-69-1	Aroclor-1254	6.1	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	11096-82-5	Aroclor-1260	5.3	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	37324-23-5	Aroclor-1262	4.7	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	11100-14-4	Aroclor-1268	1.6	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH500FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	HLA0392	Total Aroclor (CALC)	74.6	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.01	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	MG/KG	U
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.27	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.39	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	MG/KG	UJ
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.043	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.2	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.37	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.12	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	1.4	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.037	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	13.2	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	4.45	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	694	MG/KG	J
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	1920	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	1.924876714	NA	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	173	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	1.28	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	58.2	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	7.2	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	776	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.027	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	MG/KG	U
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	MG/KG	U
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	MG/KG	U
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.038	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.29	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.66	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.52	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.025	MG/KG	U
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH502FS	SED	FS	02-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	1.535	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.04	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	MG/KG	U
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.021	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.016	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	MG/KG	U
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.027	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.033	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.016	MG/KG	J
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	MG/KG	U
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.15	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	MG/KG	U
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.2	MG/KG	Y

2014-2015 Sediment Analytical Data

SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	2.87	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	345	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	1190	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.974374614	NA	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	68.3	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.66	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	23.5	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.87	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	442	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025 U	MG/KG	
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025 U	MG/KG	
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025 U	MG/KG	
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025 U	MG/KG	
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025 U	MG/KG	
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025 U	MG/KG	
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.028	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.071	MG/KG	Y
SD2015-TF-GH5	898144.598	624282.625	SD15TFGH503FSH	SED	FS	02-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.12	MG/KG	Y
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.00049 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00089 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.00089 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	8270SIM	HLA0482	Total Homolog (PCBs)	0.03 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-38-2	Arsenic	2.48	MG/KG	Y
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-47-3	Chromium	14.9	MG/KG	Y
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-50-8	Copper	95.6	MG/KG	Y
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.123982991	NA	Y
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7439-92-1	Lead	14.9	MG/KG	Y
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.09	MG/KG	Y
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-02-0	Nickel	6.73	MG/KG	Y
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-66-6	Zinc	72.2	MG/KG	Y
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	12674-11-2	Aroclor-1016	0.025 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	11104-28-2	Aroclor-1221	0.025 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	11141-16-5	Aroclor-1232	0.025 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	53469-21-9	Aroclor-1242	0.025 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	12672-29-6	Aroclor-1248	0.025 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	11097-69-1	Aroclor-1254	0.025 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	11096-82-5	Aroclor-1260	0.025 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	37324-23-5	Aroclor-1262	0.025 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	11100-14-4	Aroclor-1268	0.025 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH600FS	SED	FS	02-Apr-15	0	0.5	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042 U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	8270SIM	HLA0482	Total Homolog (PCBs)	0.03 U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7440-38-2	Arsenic	1.86		MG/KG	Y
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7440-47-3	Chromium	12	J	MG/KG	Y
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7440-50-8	Copper	102		MG/KG	Y
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.126825577		NA	Y
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7439-92-1	Lead	17.2		MG/KG	Y
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.12		MG/KG	Y
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7440-02-0	Nickel	6.28		MG/KG	Y
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	SW846 3rd Ed. 6020	7440-66-6	Zinc	77.9		MG/KG	Y
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-GH6	898232.907	624462.125	SD15TFGH601FS	SED	FS	02-Apr-15	1	2	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0051		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0013		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0041		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.008	J	MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	120-12-7	Anthracene	0.012		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.071		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.078		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.085		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.061		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.063		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	218-01-9	Chrysene	0.088		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.013		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	206-44-0	Fluoranthene	0.14		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	86-73-7	Fluorene	0.007	J	MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.062		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	91-20-3	Naphthalene	0.006	J	MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	85-01-8	Phenanthrene	0.062		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	129-00-0	Pyrene	0.15		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.00018		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0011		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.00013		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.00021		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.00031		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.00024		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.00048		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0001	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.00035		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.00013		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.00018		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.00066		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.00068		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.00023		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.00052		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.00013		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.00046		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0003		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.29		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-47-3	Chromium	22.2		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-50-8	Copper	24.1		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.118632298		NA	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7439-92-1	Lead	7.35		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-02-0	Nickel	17.5		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-66-6	Zinc	67.3		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH700FS	SED	FS	03-Apr-15	0	0.5	SW846 9060	HLA0011	Total Organic Carbon	2.4		PERCENT	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.00049	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00089	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.00089	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	8270SIM	HLA0482	Total Homolog (PCBs)	0.0296	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.01	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.01	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.01	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.01	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.01	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	218-01-9	Chrysene	0.01	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	206-44-0	Fluoranthene	0.008	J	MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	86-73-7	Fluorene	0.01	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.01	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	85-01-8	Phenanthrene	0.008	J	MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	129-00-0	Pyrene	0.007	J	MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.58		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-47-3	Chromium	23.5		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-50-8	Copper	15.6		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.119980009		NA	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7439-92-1	Lead	7.6		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-02-0	Nickel	19		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-66-6	Zinc	69.1		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH701FS	SED	FS	03-Apr-15	1	2	SW846 9060	HLA0011	Total Organic Carbon	3.3		PERCENT	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.01	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.01	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.014		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.01	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.014		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	218-01-9	Chrysene	0.01	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	206-44-0	Fluoranthene	0.013		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	86-73-7	Fluorene	0.01	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.01	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	85-01-8	Phenanthrene	0.012	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270 SIM	129-00-0	Pyrene	0.013		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0001	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.2		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.65		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	25.8	J	MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	18.6		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.132621384		NA	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	9.48		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	21.1		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	73.2		MG/KG	Y
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-GH7	898321.36	624641.504	SD15TFGH702FS	SED	FS	03-Apr-15	2	3	SW846 9060	HLA0011	Total Organic Carbon	5.8		PERCENT	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005		MG/KG	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0056		MG/KG	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009		MG/KG	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0034		MG/KG	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.031	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0069		MG/KG	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.65		MG/KG	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	47.9		MG/KG	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	67.8		MG/KG	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.144787844		NA	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	11.7		MG/KG	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.11		MG/KG	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	14.5		MG/KG	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	71.8		MG/KG	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.026	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.026	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.026	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.026	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.026	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.026	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.026	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.026	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.026	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0103FS	SED	FS	02-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	0.026	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0037	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.51		MG/KG	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-47-3	Chromium	23		MG/KG	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-50-8	Copper	12		MG/KG	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.110404523		NA	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7439-92-1	Lead	7.02		MG/KG	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-02-0	Nickel	16.9		MG/KG	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-66-6	Zinc	61.9		MG/KG	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0105FS	SED	FS	02-Apr-15	5	6	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.41		MG/KG	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-47-3	Chromium	23.5		MG/KG	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-50-8	Copper	12.4		MG/KG	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.112072851		NA	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7439-92-1	Lead	6.89		MG/KG	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-02-0	Nickel	17.2		MG/KG	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-66-6	Zinc	58.8		MG/KG	Y
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-H01	897970.165	623476.664	SD15TFH0107FS	SED	FS	02-Apr-15	7	8	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.016		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.039		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.024		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.029		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.047		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.021		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.18		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0067		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	11.2		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	6.96		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	873		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	1200		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	1.64228595		NA	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	119		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	1.76		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	41.4		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	9.85		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	590		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.11		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.083		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.069		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH103FS	SED	FS	02-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	0.262		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0037	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0025	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	8270SIM	HLA0482	Total Homolog (PCBs)	0.031	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.56		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-47-3	Chromium	23.6		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-50-8	Copper	11.8		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.112483957		NA	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7439-92-1	Lead	6.86		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-02-0	Nickel	17.5		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-66-6	Zinc	63.6		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	SW846 8082	12674-11-2	Aroclor-1016	0.026	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	SW846 8082	11104-28-2	Aroclor-1221	0.026	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	SW846 8082	11141-16-5	Aroclor-1232	0.026	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	SW846 8082	53469-21-9	Aroclor-1242	0.026	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	SW846 8082	12672-29-6	Aroclor-1248	0.026	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	SW846 8082	11097-69-1	Aroclor-1254	0.026	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	SW846 8082	11096-82-5	Aroclor-1260	0.026	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	SW846 8082	37324-23-5	Aroclor-1262	0.026	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	SW846 8082	11100-14-4	Aroclor-1268	0.026	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH105FS	SED	FS	02-Apr-15	5	6	SW846 8082	HLA0392	Total Aroclor (CALC)	0.026	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0037	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0025	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	8270SIM	HLA0482	Total Homolog (PCBs)	0.031	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.89		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.56		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-47-3	Chromium	27.4		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-50-8	Copper	14.3		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.126142219		NA	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7439-92-1	Lead	8.12		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-02-0	Nickel	19.9		MG/KG	Y
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-66-6	Zinc	68.6		MG/KG	Y

2014-2015 Sediment Analytical Data

SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	SW846 8082	12674-11-2	Aroclor-1016	0.026	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	SW846 8082	11104-28-2	Aroclor-1221	0.026	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	SW846 8082	11141-16-5	Aroclor-1232	0.026	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	SW846 8082	53469-21-9	Aroclor-1242	0.026	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	SW846 8082	12672-29-6	Aroclor-1248	0.026	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	SW846 8082	11097-69-1	Aroclor-1254	0.026	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	SW846 8082	11096-82-5	Aroclor-1260	0.026	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	SW846 8082	37324-23-5	Aroclor-1262	0.026	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	SW846 8082	11100-14-4	Aroclor-1268	0.026	U	MG/KG	
SD2015-TF-H1	897992.277	623521.509	SD15TFH107FS	SED	FS	02-Apr-15	7	8	SW846 8082	HLA0392	Total Aroclor (CALC)	0.026	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	218-01-9	Chrysene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	206-44-0	Fluoranthene	0.01	J	MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	86-73-7	Fluorene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	85-01-8	Phenanthrene	0.016		MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270 SIM	129-00-0	Pyrene	0.01		MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0002	UJ	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0002	UJ	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0002	UJ	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0002	UJ	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0002	UJ	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0002	UJ	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0002	UJ	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0002	UJ	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0002	UJ	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.0002	UJ	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0002	UJ	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0002	UJ	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0002	UJ	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0002	UJ	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0002	UJ	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.0002	UJ	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.0002	UJ	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0002	UJ	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.0002	UJ	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0002	UJ	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0002	UJ	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.0002	UJ	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0002	UJ	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0002	UJ	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.47		MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	19.9		MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	9.86		MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.09634613		NA	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	5.67		MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	14.2		MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	46.7		MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1203FS	SED	FS	02-Apr-15	3	4	SW846 9060	HLA0011	Total Organic Carbon	1.6		PERCENT	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0023	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0035	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0023	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	8270SIM	HLA0482	Total Homolog (PCBs)	0.029	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0023	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270 SIM	218-01-9	Chrysene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270 SIM	206-44-0	Fluoranthene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270 SIM	86-73-7	Fluorene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270 SIM	85-01-8	Phenanthrene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270 SIM	129-00-0	Pyrene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0002	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.35		MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-47-3	Chromium	23.3		MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-50-8	Copper	12.6		MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.115008425		NA	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7439-92-1	Lead	7.29		MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-02-0	Nickel	18.2		MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-66-6	Zinc	60		MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW846 8082	12674-11-2	Aroclor-1016	0.024	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW846 8082	11104-28-2	Aroclor-1221	0.024	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW846 8082	11141-16-5	Aroclor-1232	0.024	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW846 8082	53469-21-9	Aroclor-1242	0.024	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW846 8082	12672-29-6	Aroclor-1248	0.024	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW846 8082	11097-69-1	Aroclor-1254	0.024	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW846 8082	11096-82-5	Aroclor-1260	0.024	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW846 8082	37324-23-5	Aroclor-1262	0.024	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW846 8082	11100-14-4	Aroclor-1268	0.024	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW846 8082	HLA0392	Total Aroclor (CALC)	0.024	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1205FS	SED	FS	02-Apr-15	5	6	SW846 9060	HLA0011	Total Organic Carbon	2.9		PERCENT	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270 SIM	218-01-9	Chrysene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270 SIM	206-44-0	Fluoranthene	0.008	J	MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270 SIM	86-73-7	Fluorene	0.01	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270 SIM	85-01-8	Phenanthrene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270 SIM	129-00-0	Pyrene	0.01	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.00027		MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0002	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.00017	J	MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-38-2	Arsenic	7.21		MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.53		MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-47-3	Chromium	26.8		MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-50-8	Copper	14.4		MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.125560496		NA	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7439-92-1	Lead	8.02		MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-02-0	Nickel	19.9		MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW846 3rd Ed. 6020	7440-66-6	Zinc	66.8		MG/KG	Y
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-H12	898059.235	623544.24	SD15TFH1207FS	SED	FS	02-Apr-15	7	8	SW846 9060	HLA0011	Total Organic Carbon	2.7		PERCENT	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0023	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0035		MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.00094		MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0023	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0044	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0071		MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	HLA0482	Total Homolog (PCBs)	0.029	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0023	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-38-2	Arsenic	1.49		MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-47-3	Chromium	7.54	J	MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-50-8	Copper	8.49		MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.05351904		NA	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7439-92-1	Lead	3.32		MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-02-0	Nickel	5.08		MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-66-6	Zinc	22.2		MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	12674-11-2	Aroclor-1016	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11104-28-2	Aroclor-1221	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11141-16-5	Aroclor-1232	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	53469-21-9	Aroclor-1242	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	12672-29-6	Aroclor-1248	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11097-69-1	Aroclor-1254	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11096-82-5	Aroclor-1260	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	37324-23-5	Aroclor-1262	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11100-14-4	Aroclor-1268	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	HLA0392	Total Aroclor (CALC)	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0023	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0064		MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.006		MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0023	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0068		MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.006		MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	8270SIM	HLA0482	Total Homolog (PCBs)	0.029	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0023	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-38-2	Arsenic	2.06		MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-47-3	Chromium	12.9	J	MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-50-8	Copper	20.7		MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.076177587		NA	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7439-92-1	Lead	5.85		MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-02-0	Nickel	7.98		MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-66-6	Zinc	40.9		MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	SW846 8082	12674-11-2	Aroclor-1016	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	SW846 8082	11104-28-2	Aroclor-1221	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	SW846 8082	11141-16-5	Aroclor-1232	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	SW846 8082	53469-21-9	Aroclor-1242	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	SW846 8082	12672-29-6	Aroclor-1248	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	SW846 8082	11097-69-1	Aroclor-1254	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	SW846 8082	11096-82-5	Aroclor-1260	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	SW846 8082	37324-23-5	Aroclor-1262	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	SW846 8082	11100-14-4	Aroclor-1268	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH601FS	SED	FS	03-Apr-15	1	2	SW846 8082	HLA0392	Total Aroclor (CALC)	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0023	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.005		MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0023	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.029	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0023	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	2		MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	10	J	MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	7.02		MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.05980159		NA	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	3.24		MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	6.99		MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	24.3		MG/KG	Y
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.024	U	MG/KG	
SD2015-TF-H6	898412.284	624373.672	SD15TFH602FS	SED	FS	03-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.024	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0023	UJ	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0035	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	UJ	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0023	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045	UJ	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	8270SIM	HLA0482	Total Homolog (PCBs)	0.029	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0023	UJ	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-38-2	Arsenic	4.72		MG/KG	Y
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-47-3	Chromium	16.5		MG/KG	Y
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-50-8	Copper	7.99		MG/KG	Y
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.08699642		NA	Y
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-92-1	Lead	4.43	J	MG/KG	Y
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-02-0	Nickel	13		MG/KG	Y
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	SW846 3rd Ed. 6020	7440-66-6	Zinc	38.9		MG/KG	Y
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	SW846 8082	12674-11-2	Aroclor-1016	0.024	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	SW846 8082	11104-28-2	Aroclor-1221	0.024	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	SW846 8082	11141-16-5	Aroclor-1232	0.024	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	SW846 8082	53469-21-9	Aroclor-1242	0.024	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	SW846 8082	12672-29-6	Aroclor-1248	0.024	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	SW846 8082	11097-69-1	Aroclor-1254	0.024	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	SW846 8082	11096-82-5	Aroclor-1260	0.024	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	SW846 8082	37324-23-5	Aroclor-1262	0.024	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	SW846 8082	11100-14-4	Aroclor-1268	0.024	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ103FS	SED	FS	02-Apr-15	3	4	SW846 8082	HLA0392	Total Aroclor (CALC)	0.024	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0023	UJ	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0035	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	UJ	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0023	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0044	UJ	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	8270SIM	HLA0482	Total Homolog (PCBs)	0.029	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0023	UJ	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-38-2	Arsenic	12.2		MG/KG	Y
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-47-3	Chromium	12		MG/KG	Y
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-50-8	Copper	6.7		MG/KG	Y
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.273571512		NA	Y
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7439-92-1	Lead	2.53	J	MG/KG	Y
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-02-0	Nickel	87.2		MG/KG	Y
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	SW846 3rd Ed. 6020	7440-66-6	Zinc	28		MG/KG	Y
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	SW846 8082	12674-11-2	Aroclor-1016	0.024	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	SW846 8082	11104-28-2	Aroclor-1221	0.024	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	SW846 8082	11141-16-5	Aroclor-1232	0.024	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	SW846 8082	53469-21-9	Aroclor-1242	0.024	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	SW846 8082	12672-29-6	Aroclor-1248	0.024	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	SW846 8082	11097-69-1	Aroclor-1254	0.024	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	SW846 8082	11096-82-5	Aroclor-1260	0.024	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	SW846 8082	37324-23-5	Aroclor-1262	0.024	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	SW846 8082	11100-14-4	Aroclor-1268	0.024	U	MG/KG	
SD2015-TF-J1	898126.811	623455.17	SD15TFJ105FS	SED	FS	02-Apr-15	5	6	SW846 8082	HLA0392	Total Aroclor (CALC)	0.024	U	MG/KG	
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0037	U	MG/KG	
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0025	U	MG/KG	
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	HLA0482	Total Homolog (PCBs)	0.031	U	MG/KG	
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-38-2	Arsenic	1.36		MG/KG	Y
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-47-3	Chromium	8.58	J	MG/KG	Y
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-50-8	Copper	14.7		MG/KG	Y
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.057227264		NA	Y
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7439-92-1	Lead	3.88		MG/KG	Y
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.38		MG/KG	Y
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-02-0	Nickel	4.55		MG/KG	Y
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-66-6	Zinc	27.7		MG/KG	Y
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	12674-11-2	Aroclor-1016	0.026	U	MG/KG	
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11104-28-2	Aroclor-1221	0.026	U	MG/KG	
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11141-16-5	Aroclor-1232	0.026	U	MG/KG	
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	53469-21-9	Aroclor-1242	0.026	U	MG/KG	
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	12672-29-6	Aroclor-1248	0.026	U	MG/KG	
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11097-69-1	Aroclor-1254	0.026	U	MG/KG	
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11096-82-5	Aroclor-1260	0.026	U	MG/KG	
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	37324-23-5	Aroclor-1262	0.026	U	MG/KG	
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11100-14-4	Aroclor-1268	0.026	U	MG/KG	
SD2015-TF-J6	898591.661	624285.22	SD15TFJ600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	HLA0392	Total Aroclor (CALC)	0.026	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0037	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0025	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	HLA0482	Total Homolog (PCBs)	0.031	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0025	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.045		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.053		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.058		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.03		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.054		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	218-01-9	Chrysene	0.053		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	206-44-0	Fluoranthene	0.09		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	86-73-7	Fluorene	0.01	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.033		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	85-01-8	Phenanthrene	0.041		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270 SIM	129-00-0	Pyrene	0.091		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.00008	J	MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.00013		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.00019		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.00021		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.00042		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.00011		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.00024		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0001	J	MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.000096	J	MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.00062		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.00046		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.00012		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.00039		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.00017		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.00035		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.00013		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-38-2	Arsenic	1.52		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-47-3	Chromium	10.2	J	MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-50-8	Copper	20.7		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.065214313		NA	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7439-92-1	Lead	6.13		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-02-0	Nickel	5.61		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-66-6	Zinc	29.4		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	12674-11-2	Aroclor-1016	0.026	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11104-28-2	Aroclor-1221	0.026	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11141-16-5	Aroclor-1232	0.026	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	53469-21-9	Aroclor-1242	0.026	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	12672-29-6	Aroclor-1248	0.026	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11097-69-1	Aroclor-1254	0.026	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11096-82-5	Aroclor-1260	0.026	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	37324-23-5	Aroclor-1262	0.026	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	11100-14-4	Aroclor-1268	0.026	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW846 8082	HLA0392	Total Aroclor (CALC)	0.026	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK600FS	SED	FS	03-Apr-15	0	0.5	SW846 9060	HLA0011	Total Organic Carbon	2		PERCENT	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0035	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0045	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	8270SIM	HLA0482	Total Homolog (PCBs)	0.03	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.017		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.021		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.023		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.013		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.023		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	218-01-9	Chrysene	0.021		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	206-44-0	Fluoranthene	0.035		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	86-73-7	Fluorene	0.01	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.013		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	85-01-8	Phenanthrene	0.015	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270 SIM	129-00-0	Pyrene	0.035		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.00021		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.00009	J	MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.00027		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.00022		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.00022		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0001	J	MG/KG	Y

2014-2015 Sediment Analytical Data

SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.00017		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0001	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-38-2	Arsenic	2.96		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-47-3	Chromium	12.3	J	MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-50-8	Copper	10.7		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.073863048		NA	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7439-92-1	Lead	4.67		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-02-0	Nickel	9.34		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW846 3rd Ed. 6020	7440-66-6	Zinc	35.3		MG/KG	Y
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-K6	898770.725	624196.649	SD15TFK601FS	SED	FS	03-Apr-15	1	2	SW846 9060	HLA0011	Total Organic Carbon	1.1		PERCENT	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0026		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.073		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.072		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.026		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.062		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.11		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.073		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	8270SIM	HLA0482	Total Homolog (PCBs)	0.45		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.032		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-38-2	Arsenic	6.35		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-43-9	Cadmium	1.91		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-47-3	Chromium	338		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-50-8	Copper	611		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.737029513		NA	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	SW846 3rd Ed. 6020	7439-92-1	Lead	80.7		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.33		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-02-0	Nickel	34		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-22-4	Silver	1.98		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	SW846 3rd Ed. 6020	7440-66-6	Zinc	355		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	SW846 8082	11097-69-1	Aroclor-1254	0.062		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	SW846 8082	11096-82-5	Aroclor-1260	0.11		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	SW846 8082	37324-23-5	Aroclor-1262	0.14		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL600FS	SED	FS	06-Apr-15	0	0.5	SW846 8082	HLA0392	Total Aroclor (CALC)	0.312		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0037	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0009	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0047	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0043	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.031	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	5.87		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.62		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	24.7		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	16.6		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.126890781		NA	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	8.22		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.05	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	20.3		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	70.6		MG/KG	Y
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-L6	898950.102	624108.197	SD15TFL602FS	SED	FS	06-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	8270SIM	HLA0440	Decachlorobiphenyl (total)	0.0005	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	8270SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	8270SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0036	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	8270SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	8270SIM	27323-18-8	Monochlorobiphenyl (total)	0.00089	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	8270SIM	53742-07-7	Nonachlorobiphenyl (total)	0.00089	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	8270SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	8270SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0046	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	8270SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0042	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	8270SIM	HLA0482	Total Homolog (PCBs)	0.0298	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	8270SIM	25323-68-6	Trichlorobiphenyl (total)	0.0024	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270 SIM	83-32-9	Acenaphthene	0.01	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270 SIM	208-96-8	Acenaphthylene	0.01	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270 SIM	120-12-7	Anthracene	0.01	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270 SIM	56-55-3	Benzo(a)anthracene	0.011		MG/KG	Y
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270 SIM	50-32-8	Benzo(a)pyrene	0.01		MG/KG	Y
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270 SIM	205-99-2	Benzo(b)fluoranthene	0.011		MG/KG	Y
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270 SIM	191-24-2	Benzo(ghi)perylene	0.008	J	MG/KG	Y
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270 SIM	207-08-9	Benzo(k)fluoranthene	0.01		MG/KG	Y
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270 SIM	218-01-9	Chrysene	0.012		MG/KG	Y
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270 SIM	53-70-3	Dibenz(a,h)anthracene	0.01	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270 SIM	206-44-0	Fluoranthene	0.02		MG/KG	Y
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270 SIM	86-73-7	Fluorene	0.01	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270 SIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.008	J	MG/KG	Y
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270 SIM	91-20-3	Naphthalene	0.01	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270 SIM	85-01-8	Phenanthrene	0.013		MG/KG	Y
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270 SIM	129-00-0	Pyrene	0.023		MG/KG	Y
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270/EPA 680	2051-24-3	Cl10-BZ#209	0.0001	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270/EPA 680	34883-43-7	Cl2-BZ#8	0.0001	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270/EPA 680	37680-65-2	Cl3-BZ#18	0.0001	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270/EPA 680	7012-37-5	Cl3-BZ#28	0.0001	U	MG/KG	

2014-2015 Sediment Analytical Data

SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270/EPA 680	41464-39-5	Cl4-BZ#44	0.0001	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270/EPA 680	41464-40-8	Cl4-BZ#49	0.0001	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270/EPA 680	35693-99-3	Cl4-BZ#52	0.0001	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270/EPA 680	32598-10-0	Cl4-BZ#66	0.0001	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270/EPA 680	32598-13-3	Cl4-BZ#77	0.0001	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270/EPA 680	37680-73-2	Cl5-BZ#101	0.0001	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270/EPA 680	32598-14-4	Cl5-BZ#105	0.0001	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270/EPA 680	31508-00-6	Cl5-BZ#118	0.0001	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270/EPA 680	57465-28-8	Cl5-BZ#126	0.0001	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270/EPA 680	38380-07-3	Cl5-BZ#128	0.0001	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270/EPA 680	38380-02-8	Cl5-BZ#87	0.0001	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270/EPA 680	35065-28-2	Cl6-BZ#138	0.0001	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270/EPA 680	35065-27-1	Cl6-BZ#153	0.00008	J	MG/KG	Y
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270/EPA 680	35065-30-6	Cl6-BZ#170	0.0001	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270/EPA 680	35065-29-3	Cl7-BZ#180	0.0001	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270/EPA 680	52663-69-1	Cl7-BZ#183	0.0001	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270/EPA 680	74472-48-3	Cl7-BZ#184	0.0001	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270/EPA 680	52663-68-0	Cl7-BZ#187	0.0001	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270/EPA 680	52663-78-2	Cl8-BZ#195	0.0001	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW 846 8270/EPA 680	40186-72-9	Cl9-BZ#206	0.0001	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-38-2	Arsenic	7.29		MG/KG	Y
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-43-9	Cadmium	0.5	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-47-3	Chromium	26.2		MG/KG	Y
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-50-8	Copper	44.4		MG/KG	Y
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	HLA3024	ERM-Q (Metals)	0.143977163		NA	Y
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7439-92-1	Lead	15.4		MG/KG	Y
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7439-97-6	Mercury	0.12		MG/KG	Y
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-02-0	Nickel	19		MG/KG	Y
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-22-4	Silver	0.5	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW846 3rd Ed. 6020	7440-66-6	Zinc	76.4		MG/KG	Y
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW846 8082	12674-11-2	Aroclor-1016	0.025	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW846 8082	11104-28-2	Aroclor-1221	0.025	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW846 8082	11141-16-5	Aroclor-1232	0.025	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW846 8082	53469-21-9	Aroclor-1242	0.025	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW846 8082	12672-29-6	Aroclor-1248	0.025	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW846 8082	11097-69-1	Aroclor-1254	0.025	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW846 8082	11096-82-5	Aroclor-1260	0.025	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW846 8082	37324-23-5	Aroclor-1262	0.025	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW846 8082	11100-14-4	Aroclor-1268	0.025	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW846 8082	HLA0392	Total Aroclor (CALC)	0.025	U	MG/KG	
SD2015-TF-	896931.949	625215.086	SD15TFZA6702FS	SED	FS	06-Apr-15	2	3	SW846 9060	HLA0011	Total Organic Carbon	2.4		PERCENT	Y

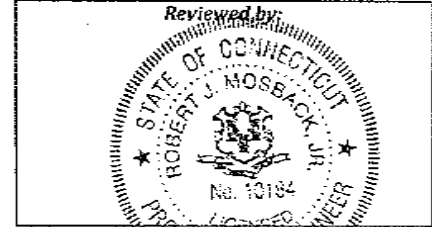
APPENDIX E
SEDIMENT GRAIN SIZE DATA

E-1
2014 SEDIMENT GRAIN SIZE DATA



Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC



Robert J. Mosback

Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 05/01/14
 Report: 039-14 (HY) 007YRKA, Samp 14D0620-01, 042214
 Sample: 039-14 (14D0620-01)

Project: SD140F80200FS
 Location:

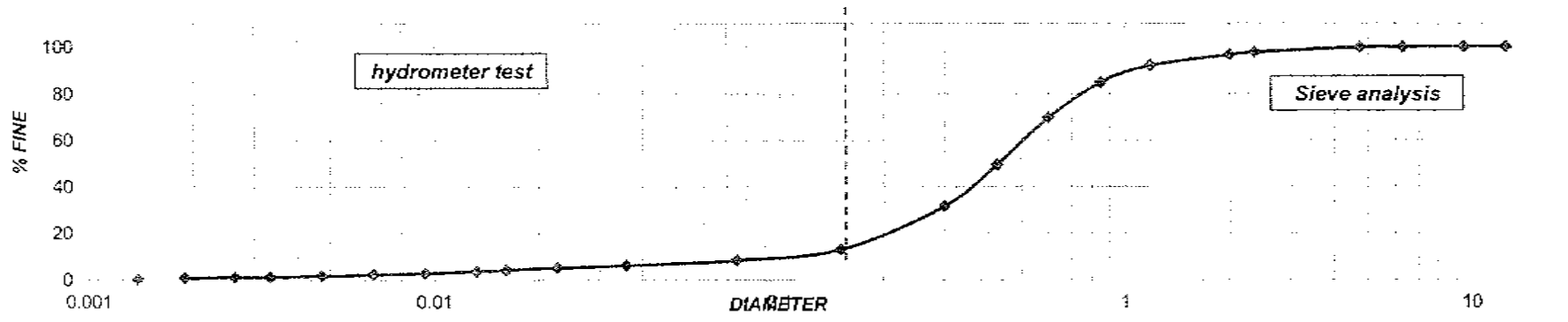
Lab Receipt Date: 04/22/14
 Lab Tech: G. Lopez

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

Hydrometer Used: 152 H Dispersing Agent: Sodium Hexametaphosphate Quantity: 40 gr
 Soil Weight: 100.0 a = 1.000
 Zero Correction: 7.0 Meniscus Correction: 0.5

SIEVE ANALYSIS
 ASTM DESIGNATION C136
 AASHTO DESIGNATION
 T 27-881

Date	Time Reading	Time Transcurring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp C ₁	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table 2	L/t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
5/1/14	7:16												2.00"	0.00	100.00
	7:18	0:02:00	21.3	13.0	0.36	6.36	6.141	13.5	14.20	7.100	0.01343	0.0358	1"	0.00	100.00
	7:21	0:05:00	21.3	12.0	0.36	5.36	5.175	12.5	14.25	2.850	0.01343	0.0227	3/4"	0.00	100.00
	7:26	0:10:00	21.3	11.0	0.36	4.36	4.210	11.5	14.40	1.440	0.01343	0.0161	1/2"	0.00	100.00
	7:31	0:15:00	21.3	10.5	0.36	3.86	3.727	11.0	14.50	0.967	0.01343	0.0132	3/8"	0.00	100.00
	7:46	0:30:00	21.5	9.5	0.40	2.90	2.800	10.0	14.70	0.490	0.0134	0.0094	1/4"	0.00	99.89
	8:16	1:00:00	21.5	9.0	0.40	2.40	2.317	9.5	14.75	0.246	0.0134	0.0066	#4	0.00	99.76
	9:17	2:01:00	21.1	8.5	0.22	1.72	1.661	9.0	14.80	0.122	0.01346	0.0047	#8	0.00	97.65
	11:23	4:04:00	20.8	8.0	0.16	1.16	1.120	8.5	14.90	0.061	0.01351	0.0033	#10	0.00	96.55
	13:47	6:31:00	20.7	8.0	0.14	1.14	1.101	8.5	14.90	0.038	0.01353	0.0026	#20	4.77	91.94
	19:23	12:07:00	23.6	7.0	0.88	0.88	0.850	7.5	15.10	0.021	0.01305	0.0019	#30	12.02	84.94
5/2/14	7:16	24:00:00	20.9	7.0	0.18	0.18	0.174	7.5	15.10	0.010	0.0135	0.0014	#40	27.67	69.83
													#50	48.69	49.54
													#100	67.24	31.63
													#200	86.56	12.98
													PAN	91.37	8.33
														100.00	

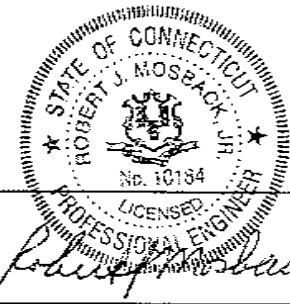




Construction Management Engineering Architecture
Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
Formerly Laboratory Testing Services, LLC

Reviewed by:



Client: York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Project: 2010-31-007A01
Date: 05/01/14
Report: 040-14 (HY) 007YRKA, Samp 14D0620-04, 042214
Sample: 040-14 (14D0620-04)
Lab Receipt Date: 04/22/14
Lab Tech: G. Lopez

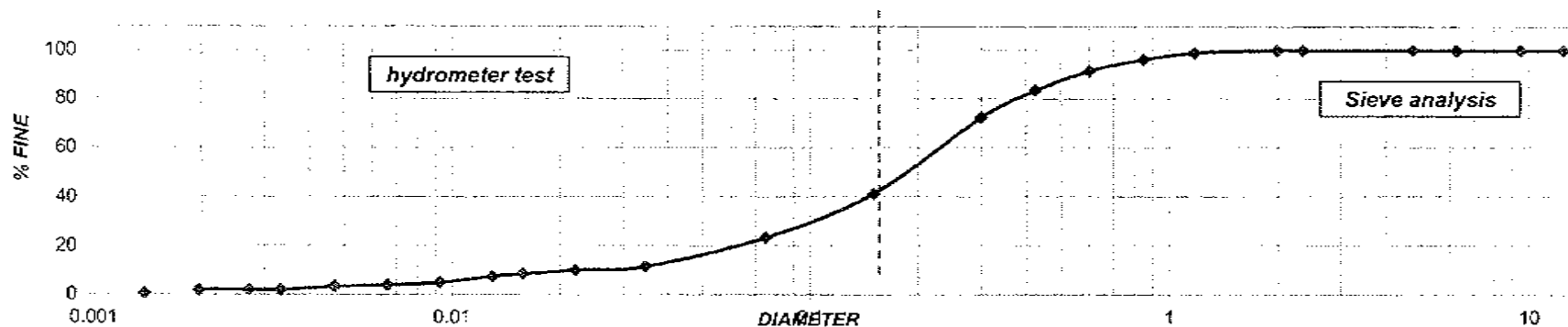
Project: SD140/B0500FS
Location:

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

Hydrometer Used: 152 H Dispersing Agent: Sodium Hexametaphosphate Quantity: 40 gr
Soil Weight: 100.0 a = 1.000
Zero Correction: 7.0 Meniscus Correction: 0.5

SIEVE ANALYSIS
ASTM DESIGNATION C136
AASHTO DESIGNATION
T 27-881

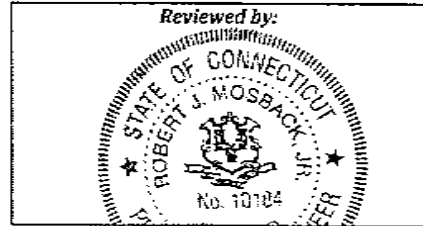
Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, R _o	Correction for Temp C _T	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table 2	L/t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
5/1/14	7:37														
	7:39	0:02:00	21.8	18.0	0.36	11.36	11.360	18.5	13.25	6.625	0.01343	0.0346	2.00"	0.00	100.00
	7:42	0:05:00	21.8	16.5	0.36	9.86	9.860	17.0	13.50	2.700	0.01343	0.0221	1"	0.00	100.00
	7:47	0:10:00	21.8	15.0	0.36	8.36	8.360	15.5	13.75	1.375	0.01343	0.0157	3/4"	0.00	100.00
	7:52	0:15:00	21.8	14.0	0.36	7.36	7.360	14.5	13.90	0.927	0.01343	0.0129	1/2"	0.00	100.00
	8:07	0:30:00	21.7	11.5	0.34	4.84	4.840	12.0	14.30	0.477	0.01336	0.0092	3/8"	0.00	100.00
	8:37	1:00:00	21.5	10.5	0.30	3.80	3.800	11.0	14.50	0.242	0.0134	0.0066	1/4"	0.00	100.00
	9:37	2:00:00	21.1	10.0	0.22	3.22	3.220	10.5	14.60	0.122	0.01346	0.0047	#4	0.00	100.00
	11:42	4:05:00	20.7	8.5	0.34	1.84	1.840	9.0	14.80	0.060	0.01353	0.0033	#8	0.00	100.00
	13:44	6:07:00	20.7	8.5	0.34	1.84	1.840	9.0	14.80	0.040	0.01353	0.0027	#10	0.00	100.00
	19:24	11:47:00	21.6	8.5	0.32	1.82	1.820	9.0	14.80	0.021	0.01355	0.0020	#16	1.07	98.93
5/2/14	7:37	24:00:00	20.7	7.0	0.34	0.34	0.340	7.5	15.10	0.010	0.01353	0.0014	#20	3.87	96.13
													#30	8.51	91.49
													#40	16.58	83.42
													#50	27.78	72.22
													#100	58.81	41.19
													#200	76.66	23.34
													PAN	100.00	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC



Robert J. Mosback, Jr.

Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 05/01/14
 Report: 041-14 (HY) 007YRKA, Samp 14D0620-06, 042214
 Sample: 041-14 (14D0620-06)

Project: SD140F80600FS
 Location:

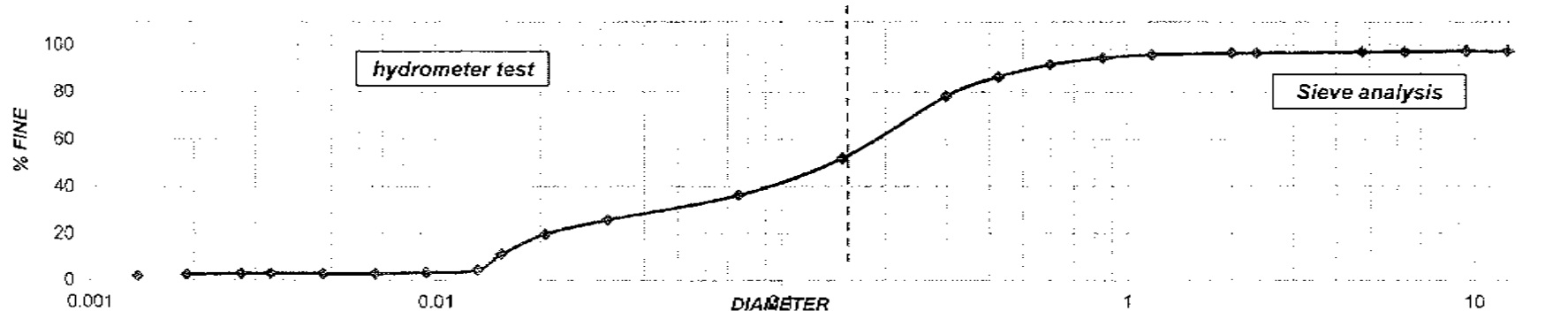
Lab Receipt Date: 04/22/14
 Lab Tech: G. Lopez

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

Hydrometer Used: 152 H Dispersing Agent: Sodium Hexametaphosphate Quantity: 40 gr
 Soil Weight: 96.75 a = 1.000
 Zero Correction: 7.0 Meniscus Correction: 0.5

SIEVE ANALYSIS
 ASTM DESIGNATION C136
 AASHTO DESIGNATION
 T 27-881

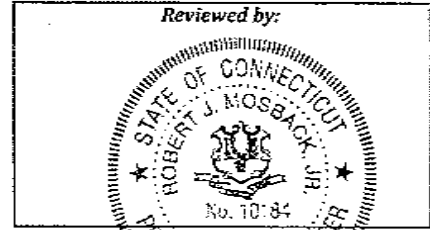
Date	Time Reading	Time Transcurring, Min	Temp °C	Real Reading Hydrometer, R _a	Correction for Temp C _t	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Tble 2	L/t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													LN / NO.	Retained	Total Sample
5/1/14	7:59														
	8:01	0:02:00	21.6	32.5	0.32	25.82	25.764	33.0	10.90	5.450	0.01341	0.0313	2.00"	0.00	100.00
	8:04	0:05:00	21.6	26.5	0.32	19.82	19.777	27.0	11.90	2.380	0.01341	0.0207	1"	0.00	100.00
	8:09	0:10:00	21.5	18.0	0.30	11.30	11.275	18.5	13.25	1.325	0.0134	0.0154	3/4"	0.00	100.00
	8:14	0:15:00	21.5	11.0	0.30	4.30	4.291	11.5	14.40	0.960	0.0134	0.0131	1/2"	0.00	97.46
	8:29	0:30:00	21.5	10.0	0.30	3.30	3.293	10.5	16.60	0.487	0.0134	0.0093	3/8"	0.00	97.46
	8:59	1:00:00	21.3	9.5	0.26	2.76	2.754	10.0	14.70	0.245	0.01343	0.0066	1/4"	0.00	97.13
	9:59	2:00:00	21.3	9.5	0.26	2.76	2.754	10.0	14.70	0.123	0.01343	0.0047	#4	0.00	96.90
	12:04	4:05:00	20.7	9.5	0.34	2.84	2.834	10.0	14.70	0.060	0.01355	0.0033	#8	0.00	96.61
	13:59	6:00:00	21.0	9.5	0.20	2.70	2.694	10.0	14.70	0.041	0.01348	0.0027	#10	0.00	96.54
	19:25	11:26:00	23.5	8.5	0.85	2.35	2.345	9.0	14.80	0.021	0.01309	0.0019	#16	0.75	95.79
5/2/14	7:59	24:00:00	20.9	8.5	0.18	1.68	1.676	9.0	14.80	0.010	0.0135	0.0014	#20	2.08	94.46
													#30	4.96	91.57
													#40	10.21	86.35
													#50	18.41	78.17
													#100	44.61	52.03
													#200	60.38	36.29
													PAN	96.75	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC



Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 05/02/14
 Report: 042-14 (HY) 007YRKA, Samp 14D0620-08, 042214
 Sample: 042-14 (14D0620-08)
 Lab Receipt Date: 04/22/14
 Lab Tech: G. Lopez

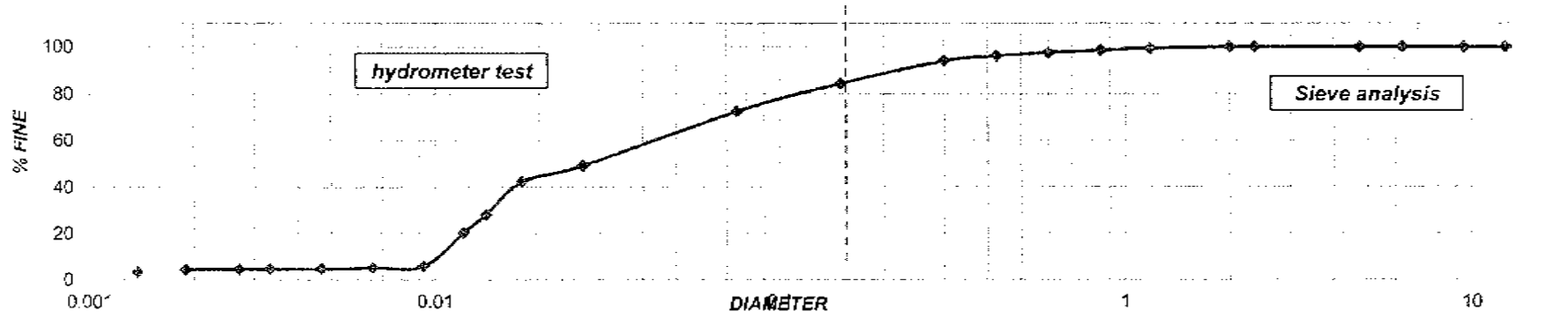
Project: SD140F80900FS
 Location:

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

Hydrometer Used: 152 H Dispersing Agent: Sodium Hexametaphosphate Quantity: 40 gr
 Soil Weight: 90.31 a = 1.000
 Zero Correction: 7.0 Meniscus Correction: 0.5

SIEVE ANALYSIS
 ASTM DESIGNATION C136
 AASHTO DESIGNATION
 T 27-881

Date	Time Reading	Time Transcurring, Min	Temp °C	Real Reading Hydrometer, R _a	Correction for Temp C _T	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Tble 2	L / t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
5/2/14	6:55														
	6:57	0:02:00	21.5	51.0	0.30	44.30	49.053	51.5	8.00	4.000	0.0134	0.0268	2.00"	0.00	100.00
	7:00	0:05:00	21.5	45.0	0.30	38.30	42.409	45.5	8.85	1.770	0.0134	0.0178	1"	0.00	100.00
	7:05	0:10:00	21.5	32.0	0.30	25.30	28.015	32.5	10.95	1.095	0.0134	0.0140	3/4"	0.00	100.00
	7:10	0:15:00	21.4	25.0	0.30	18.30	20.264	25.5	12.10	0.807	0.01342	0.0121	1/2"	0.00	100.00
	7:25	0:30:00	21.4	12.0	0.28	5.28	5.847	12.5	14.25	0.475	0.01342	0.0092	3/8"	0.00	100.00
	7:55	1:00:00	20.9	11.5	0.18	4.68	5.182	12.0	14.30	0.238	0.0135	0.0066	1/4"	0.00	100.00
	8:55	2:00:00	20.8	11.0	0.16	4.16	4.606	11.5	14.40	0.120	0.01352	0.0047	#4	0.00	100.00
	10:55	4:00:00	20.7	11.0	0.14	4.14	4.584	11.5	14.40	0.050	0.01354	0.0033	#8	0.00	100.00
	12:55	6:00:00	21.6	11.0	0.12	4.12	4.562	11.5	14.40	0.040	0.01356	0.0027	#10	0.00	100.00
	18:55	12:00:00	23.5	10.0	0.85	3.85	4.263	10.5	14.60	0.021	0.01309	0.0019	#16	0.63	99.30
5/2/14	6:55	24:00:00	20.0	10.0	0.00	3.00	3.322	10.5	14.60	0.010	0.01365	0.0014	#20	1.31	98.55
													#30	2.19	97.58
													#40	3.47	96.16
													#50	5.41	94.01
													#100	14.05	84.44
													#200	24.80	72.54
													PAN	90.31	



HAKS

SIEVE ANALYSIS ASTM DESIGNATION C136

Client: York Analytical Laboratories 120 Research Drive Stratford CT 06615		Sample Source: On-Site	Date: 04/22/14 Sample #: 033-14 (14D0690-01)
Project: SD14FTGH100KS		Sample Use: N/A	Lab Tech: G. Lopez Sampled by: Client
Project #: 2012-31-0007A01		Material Type: Silty Sand	


HAKS Report #: 033-14(S) 0007YRKA, SiltySand, OHS, 042214

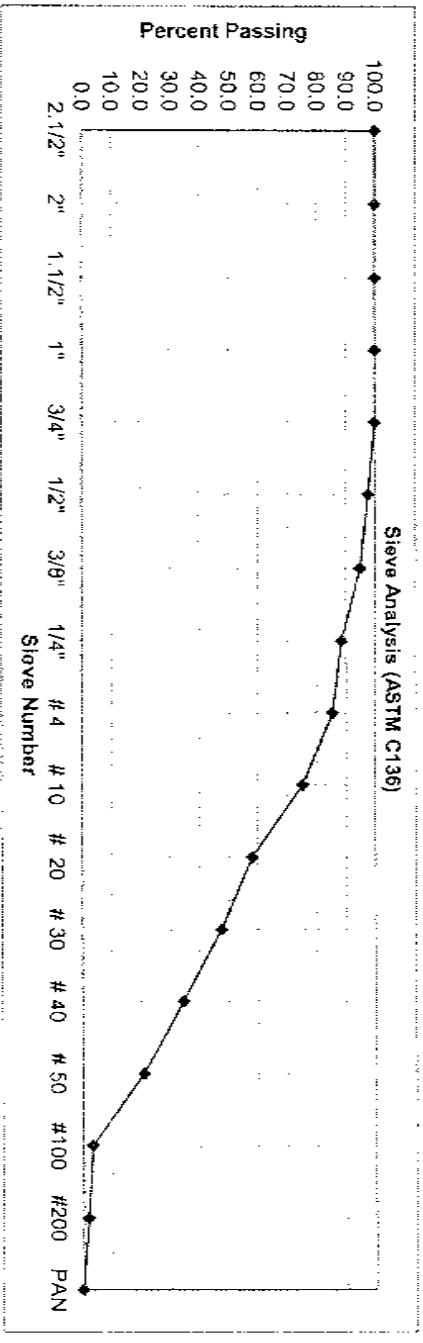
M A T E R I A L S
 T E S T I N G
 G R O U P

36 River Street
 Bridgeport, CT 06604
 203-362-1552
 203-362-1554 (Fax)

SIEVE SIZE (IN / NO.)	WEIGHT (Retained)	% PASSING (Total Sample)	SPECIFICATIONS
6"	0	100.0	
3.0"	0	100.0	
2.1/2"	0.0	100.0	
2"	0.0	100.0	
1.1/2"	0.0	100.0	
1"	0.0	100.0	
3/4"	0.0	100.0	
1/2"	11.7	97.7	
3/8"	26.0	94.9	
1/4"	58.6	88.5	
#4	73.9	85.5	
#10	126.2	75.3	
#20	214.0	58.0	
#30	268.3	47.4	
#40	334.1	34.5	
#50	402.9	21.0	
#100	493.3	3.3	
#200	500.9	1.8	
PAN	510.2		

Wet Wash: No
 % Over 3":
 % Over #4, Under 3":

Reviewed by:

Robert J. Wosback



REVIEW

FAIL

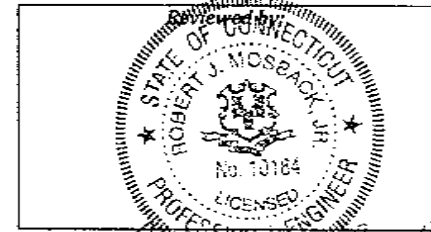
PASS

An Independent Laboratory Providing Materials Testing, Quality Control and Research Excellence since 1991 in Accordance with Provisions of Chapter 391 and 541, Sec 29-276e of General Statutes of the State of Connecticut.
 This report relates only to the items tested and can not be reproduced except in full and with the approval of HAKS Materials Testing Group.



Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC



Client: York Analytical Laboratories
 128 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01

Date: 04/30/14

Report: 036-14 (HY) 007YRKA, Samp 14D0688-07, 042214

Sample: 036-14 (14D0688-07)

Project: SD14TFDE000FS

Lab Receipt Date: 04/22/14

Location:

Lab Tech: G. Lopez

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

Hydrometer Used: 152 H

Soil Weight: 99.55

Zero Correction: 7.0

Dispersing Agent: Sodium Hexametaphosphate

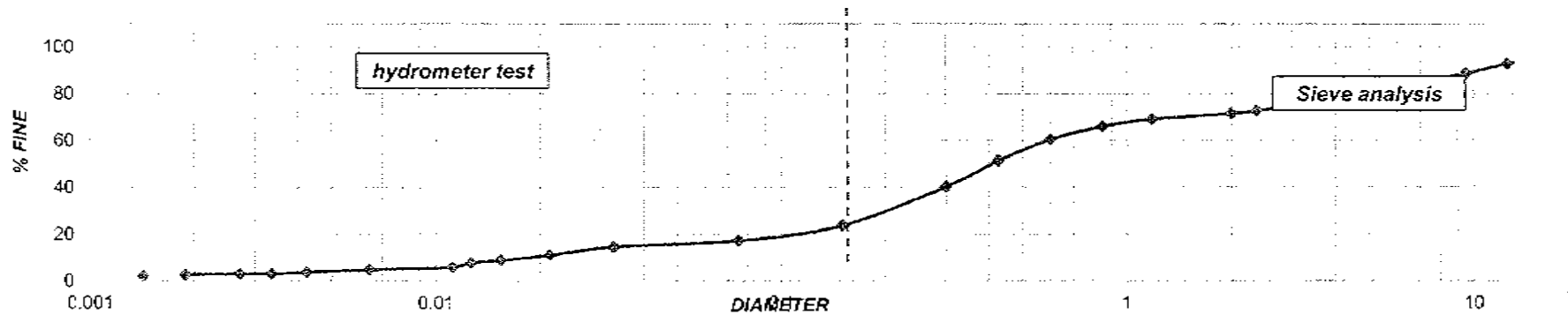
a = 1.000

Meniscus Correction: 0.5

Quantity: 40 gr

SIEVE ANALYSIS
 ASTM DESIGNATION C136
 AASHTO DESIGNATION
 T 27-881

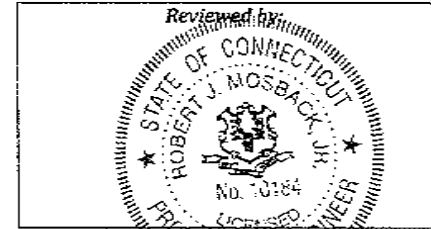
Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp Cr	Correction Reading of Hydrometer, Rc	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Tble 2	L/t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
4/30/14	8:02	Starting Test													
	8:04	0:02:00	21.3	27.0	0.26	20.26	14.582	27.5	11.60	5.900	0.01344	0.0326	2.00"	0.00	100.00
	8:07	0:05:00	21.3	22.0	0.26	15.26	10.983	22.5	12.60	2.520	0.01344	0.0213	1"	0.00	100.00
	8:12	0:10:00	21.3	19.0	0.26	12.26	8.824	19.5	13.10	1.310	0.01344	0.0154	3/4"	0.00	97.53
	8:17	0:15:00	21.3	17.5	0.26	10.76	7.744	18.0	13.30	0.887	0.01344	0.0127	1/2"	0.00	92.94
	8:22	0:20:00	21.1	15.0	0.22	8.22	5.916	15.5	13.75	0.687	0.01346	0.0112	3/8"	0.00	88.75
	9:04	1:02:00	20.7	13.5	0.14	6.64	4.779	14.0	14.00	0.226	0.01353	0.0064	1/4"	0.00	83.94
	10:30	2:28:00	19.9	12.0	0.03	5.03	3.620	12.5	14.25	0.096	0.01363	0.0042	#4	0.00	79.64
	12:02	4:00:00	20.0	11.0	0.00	4.00	2.879	11.5	14.40	0.060	0.01365	0.0033	#8	0.00	72.81
	14:08	6:06:00	20.0	11.0	0.00	4.00	2.879	11.5	14.40	0.039	0.01365	0.0027	#10	0.00	71.65
	19:11	11:09:00	24.1	9.5	1.03	3.53	2.541	10.0	14.70	0.021	0.01299	0.0019	#16	3.45	69.17
5/1/14	7:11	23:09:00	18.6	10.0	-0.42	2.58	1.857	10.5	14.60	0.011	0.01387	0.0014	#20	7.83	66.01
													#30	15.73	60.33
													#40	28.33	51.26
													#50	43.72	40.18
													#100	66.59	23.72
													#200	75.63	17.22
													PAN	99.55	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC



Robert J. Mosback

Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 04/29/14
 Report: 035-14 (HY) 007YRKA, Samp 14D0688-05, 042214
 Sample: 035-14 (14D0688-05)

Project: SD14TFEF000FS
 Location:

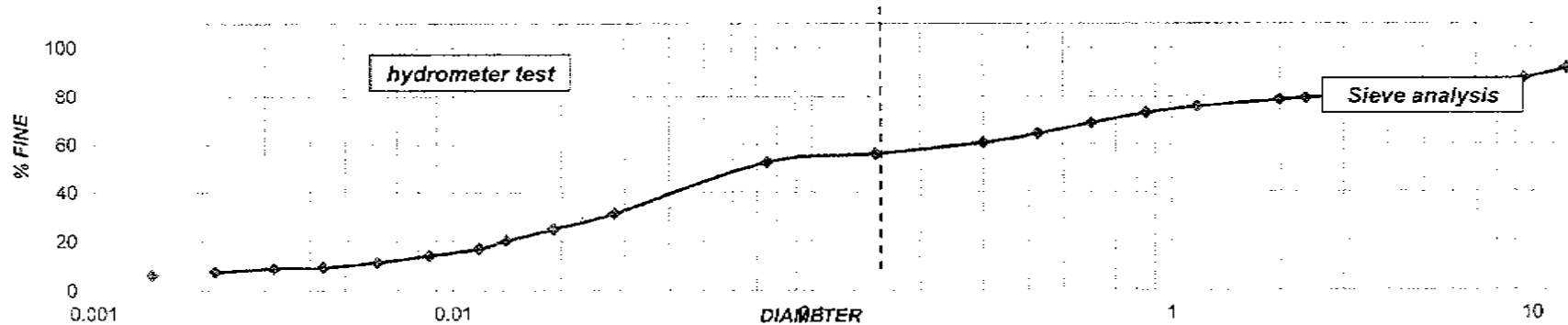
Lab Receipt Date: 04/22/14
 Lab Tech: G. Lopez

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

Hydrometer Used: 152 H Dispersing Agent: Sodium Hexametaphosphate Quantity: 40 gr
 Soil Weight: 98.14 a = 1.000
 Zero Correction: 7.0 Meniscus Correction: 0.5

SIEVE ANALYSIS
 ASTM DESIGNATION C136
 AASHTO DESIGNATION
 T 27-881

Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp C _r	Correction Reading of Hydrometer, Rc	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Tble 2	L/t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
4/29/14	10:08												2.00"	0.00	100.00
	10:10	0:02:00	21.4	46.0	0.28	39.28	31.375	46.5	8.70	4.350	0.01343	0.0280	1"	0.00	100.00
	10:13	0:05:00	21.4	38.0	0.28	31.28	24.985	38.5	10.00	2.000	0.01343	0.0190	3/4"	0.00	100.00
	10:18	0:10:00	21.4	32.0	0.28	25.28	20.193	32.5	10.95	1.095	0.01343	0.0141	1/2"	0.00	91.67
	10:23	0:15:00	21.4	28.0	0.28	21.28	16.998	28.5	11.60	0.773	0.01343	0.0118	3/8"	0.00	87.49
	10:38	0:30:00	21.4	24.5	0.28	17.78	14.202	25.0	12.20	0.407	0.01343	0.0086	1/4"	0.00	83.59
	11:09	1:01:00	21.4	21.0	0.28	14.28	11.406	21.5	12.80	0.210	0.01343	0.0062	#4	0.00	82.22
	12:35	2:07:00	21.0	18.5	0.20	11.70	9.345	19.0	13.20	0.104	0.01348	0.0043	#8	0.00	79.14
	14:10	4:02:00	20.6	18.0	0.12	11.12	8.882	18.5	13.25	0.055	0.01354	0.0032	#10	0.00	78.39
	18:11	8:03:00	24.9	15.0	1.27	9.27	7.404	15.5	13.75	0.028	0.01288	0.0022	#16	3.42	75.66
4/30/14	7:13	2:05:00	18.5	15.0	-0.40	7.60	6.071	15.5	13.75	0.011	0.0139	0.0014	#20	6.81	72.95
													#30	11.94	68.85
													#40	17.53	64.40
													#50	22.22	60.64
													#100	28.01	56.02
													#200	32.31	52.58
													PAN	98.14	





Construction Management Engineering Architecture
Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1534 • www.haks.net
Formerly Laboratory Testing Services, LLC

Reviewed by:



Robert J. Mosback

Client: York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Project: 2010-31-007A01

Date: 04/29/14

Report: 034-14 (HY) 007YRKA, Samp 14D0688-03, 042214

Sample: 034-14 (14D0688-03)

Project: SD14TFHJ100FS
Location:

Lab Receipt Date: 04/22/14

Lab Tech: G. Lopez

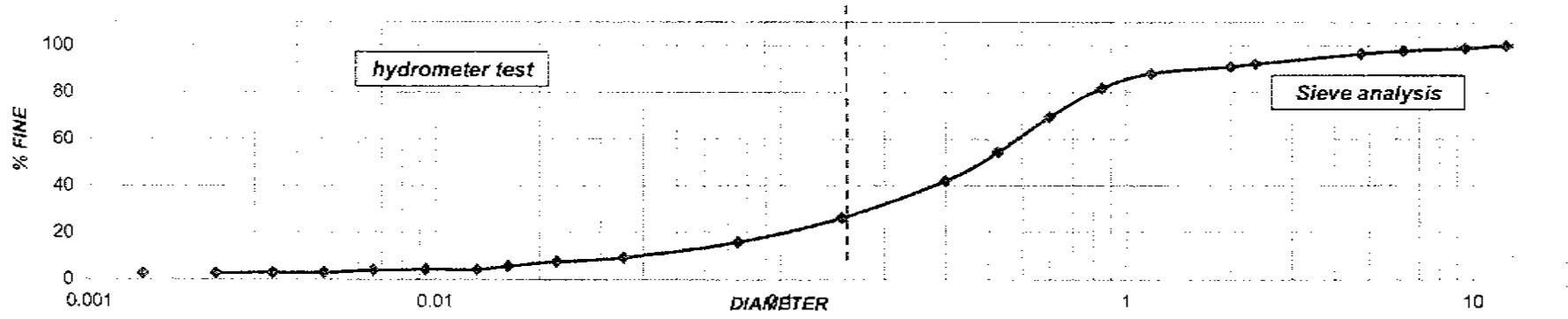
ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

Hydrometer Used: 152 H
Soil Weight: 99.73
Zero Correction: 7.0

Dispersing Agent: Sodium Hexametaphosphate Quantity: 40 gr
a = 1.000
Meniscus Correction: 0.5

SIEVE ANALYSIS
ASTM DESIGNATION C136
AASHTO DESIGNATION
T 27-881

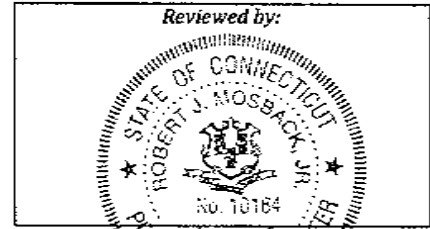
Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp C, C _T	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R _m	L of the Table 2	L / t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test															
4/29/14	9:45												IN / NO.	Retained	Total Sample
	9:47	0:02:00	20.5	17.0	0.10	10.10	9.215	17.5	13.40	6.700	0.01352	0.0350	2.00"	0.00	100.00
	9:50	0:05:00	20.5	15.0	0.10	8.10	7.390	15.5	13.75	2.750	0.01352	0.0224	1"	0.00	100.00
	9:55	0:10:00	20.5	13.0	0.10	6.10	5.565	13.5	14.40	1.440	0.01352	0.0162	3/4"	0.00	100.00
	10:00	0:15:00	20.5	11.5	0.10	4.60	4.197	12.0	14.30	0.953	0.01352	0.0132	1/2"	0.00	100.00
	10:15	0:30:00	20.7	11.5	0.14	4.64	4.233	12.0	14.30	0.477	0.01356	0.0094	3/8"	0.00	98.91
	10:46	1:01:00	20.7	11.0	0.14	4.14	3.777	11.5	14.40	0.236	0.01359	0.0066	1/4"	0.00	97.82
	11:46	2:01:00	20.7	10.0	0.14	3.14	2.865	10.5	14.60	0.121	0.01372	0.0048	#4	0.00	96.51
	13:45	4:00:00	20.4	10.0	0.08	3.08	2.810	10.5	14.60	0.061	0.0137	0.0034	#8	0.00	92.19
	18:10	8:25:00	24.9	8.5	1.27	2.77	2.527	9.0	14.80	0.029	0.01352	0.0023	#10	0.00	90.99
4/30/14	7:12	21:27:00	18.4	10.0	-0.46	2.54	2.317	10.5	14.60	0.011	0.01336	0.0014	#16	3.14	88.13
													#20	10.11	81.77
													#30	23.62	69.44
													#40	40.32	54.20
													#50	53.68	42.01
													#100	71.18	26.05
													#200	82.58	15.65
													PAN	99.73	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC



Robert J. Mosback, Jr.

Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 04/30/14
 Report: 037-14 (HY) 007YRKA, Samp 14D0688-10, 042214
 Sample: 037-14 (14D0688-10)
 Lab Receipt Date: 04/22/14
 Lab Tech: G. Lopez

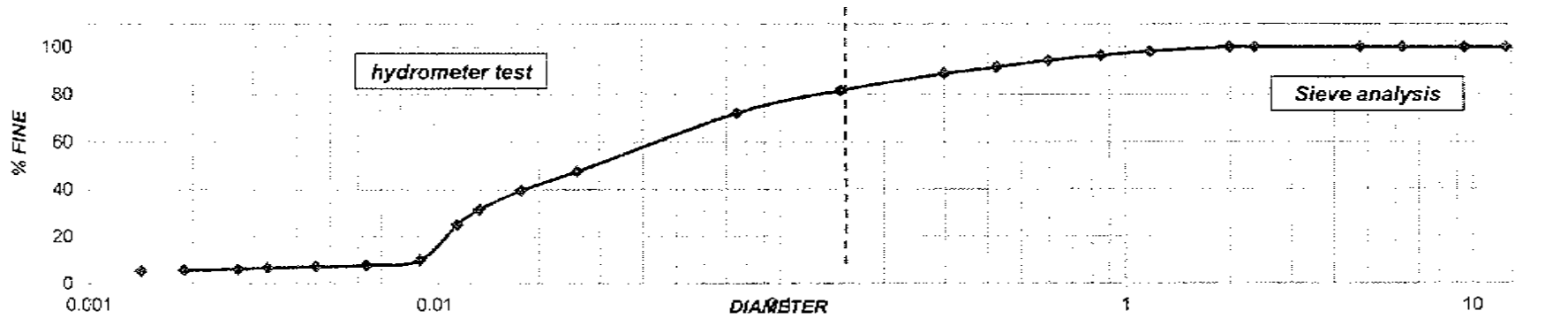
Project: SD14TFB100FS
 Location:

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

Hydrometer Used: 152 H Dispersing Agent: Sodium Hexametaphosphate Quantity: 40 gr
 Soil Weight: 99.04 a = 1.000
 Zero Correction: 7.0 Meniscus Correction: 0.5

**SIEVE ANALYSIS
 ASTM DESIGNATION C136
 AASHTO DESIGNATION
 T 27-881**

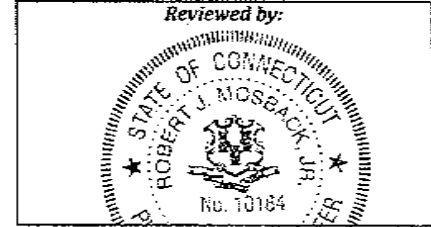
Date	Time Reading	Time Transferring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp C _r	Correction Reading of Hydrometer, Rc	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Tube 2	L / t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
4/30/14	8:25												2.00"	0.00	100.00
	8:27	0:02:00	21.0	54.0	0.26	47.26	47.718	54.5	7.35	3.675	0.01348	0.0258	1"	0.00	100.00
	8:30	0:05:00	21.0	46.0	0.26	39.26	39.641	46.5	8.70	1.740	0.01348	0.0178	3/4"	0.00	100.00
	8:35	0:10:00	21.0	38.0	0.26	31.26	31.563	38.5	9.95	0.995	0.01348	0.0134	1/2"	0.00	100.00
	8:40	0:15:00	21.0	31.5	0.26	24.76	25.000	32.0	11.10	0.740	0.01348	0.0116	3/8"	0.00	100.00
	8:55	0:30:00	20.9	16.5	0.22	9.72	9.814	17.0	13.50	0.450	0.0135	0.0091	1/4"	0.00	100.00
	9:28	1:03:00	20.9	14.5	0.14	7.64	7.714	15.0	13.80	0.219	0.0135	0.0063	#4	0.00	100.00
	10:32	2:07:00	19.9	14.0	0.03	7.03	7.096	14.5	13.90	0.109	0.01367	0.0045	#6	0.00	100.00
	12:25	4:00:00	20.2	13.5	0.00	6.50	6.563	14.0	14.00	0.058	0.01361	0.0033	#10	0.00	100.00
	14:25	6:00:00	20.1	13.0	0.00	6.00	6.058	13.5	14.10	0.039	0.01363	0.0027	#16	1.86	98.12
	19:12	10:47:00	24.1	11.5	1.03	5.53	5.584	12.0	14.30	0.021	0.01299	0.0019	#20	3.63	96.33
5/1/14	7:13	22:48:00	18.6	12.5	-0.42	5.08	5.129	13.0	14.20	0.010	0.01387	0.0014	#30	5.59	94.36
													#40	8.40	91.52
													#50	11.12	88.77
													#100	18.16	81.66
													#200	27.77	71.96
													PAN	99.04	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC



Robert J. Mosback

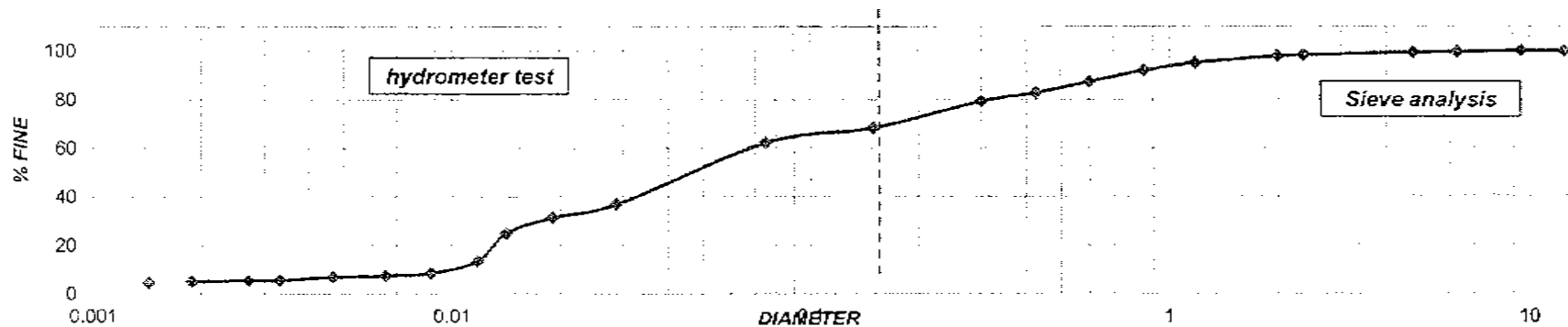
Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 04/30/14
 Report: 038-14 (HY) 007YRKA, Samp 14D0688-12, 042214
 Sample: 038-14 (14D0688-12)

Project: SD14TFH200FS
 Location:

Lab Receipt Date: 04/22/14
 Lab Tech: G. Lopez

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)													SIEVE ANALYSIS ASTM DESIGNATION C136 AASHTO DESIGNATION T 27-881		
Hydrometer Used:		152 H		Dispersing Agent:		Sodium Hexametaphosphate		Quantity:		40 gr					
Soil Weight:		99.27		a =		1.000									
Zero Correction:		7.0		Meniscus Correction:		0.5									
Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp C _r	Correction Reading of Hydrometer, Rc	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Tble 2	L / t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
													IN / NO.	Retained	Total Sample
4/30/14	8:47	Starting Test													
	8:49	0:02:00	20.9	44.0	0.18	37.18	36.659	44.5	9.00	4.500	0.0135	0.0286	2.00"	0.00	100.00
	9:52	0:05:00	20.9	38.5	0.18	31.68	31.236	39.0	9.90	1.980	0.0135	0.0190	1"	0.00	100.00
	9:57	0:10:00	20.9	32.0	0.18	25.18	24.827	32.5	10.95	1.095	0.0135	0.0141	3/4"	0.00	100.00
	9:04	0:17:00	20.9	28.5	0.18	13.68	13.488	21.0	12.90	0.759	0.0135	0.0118	1/2"	0.00	100.00
	9:20	0:33:00	20.7	15.5	0.14	8.64	8.519	16.0	13.70	0.415	0.01353	0.0087	3/8"	0.00	100.00
	9:47	1:00:00	20.3	14.5	0.06	7.56	7.454	15.0	13.80	0.230	0.0136	0.0065	1/4"	0.00	99.60
	10:47	2:00:00	19.8	14.0	-0.06	6.94	6.843	14.5	13.90	0.116	0.01368	0.0047	#4	0.00	99.32
	12:47	4:00:00	20.3	12.5	0.06	5.56	5.482	13.0	14.20	0.059	0.0136	0.0033	#8	0.00	98.22
	14:47	6:00:00	20.1	12.5	0.02	5.52	5.443	13.0	14.20	0.039	0.01363	0.0027	#10	0.00	97.88
	19:13	10:26:00	24.1	11.0	1.03	5.03	4.960	11.5	14.40	0.021	0.01299	0.0019	#16	2.78	95.14
5/1/14	7:15	22:28:00	18.6	12.0	-0.42	4.58	4.516	12.5	14.25	0.011	0.01387	0.0014	#20	5.89	92.07
													#30	10.62	87.41
													#40	15.25	82.64
													#50	18.87	79.27
													#100	29.94	68.36
													#200	36.20	62.19
													PAN	99.27	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06634 • Phone: 203-362-1552 • Fax: 203-362-1534 • www.haks.net
 Formerly Laboratory Testing Services, LLC



Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 04/24/14
 Report: 027-14 (HY) 007YRKA, Samp 14D0742-01, 042214
 Sample: 027-14 (14D0742-01)

Project: SD14REFUS200FS
 Location:

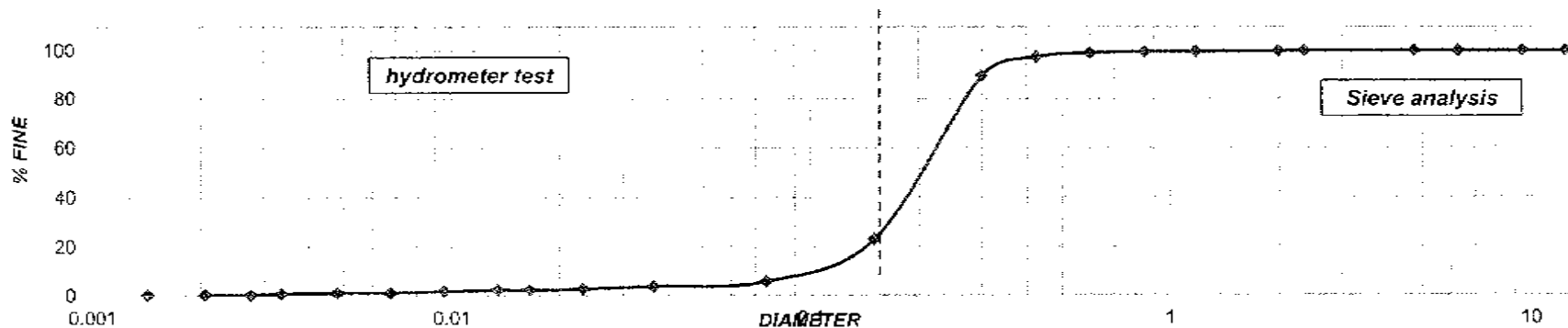
Lab Receipt Date: 04/22/14
 Lab Tech: G. Lopez

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

Hydrometer Used: 152 H Dispersing Agent: Sodium Hexametaphosphate Quantity: 40 gr
 Soil Weight: 98.97 a = 1.000
 Zero Correction: 7.5 Meniscus Correction: 0.5

SIEVE ANALYSIS
 ASTM DESIGNATION C136
 AASHTO DESIGNATION
 T 27-881

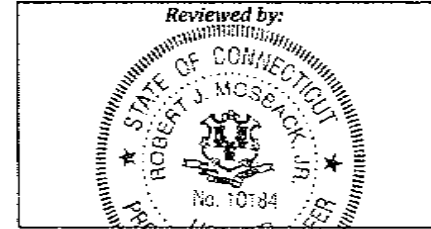
Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, R _o	Correction for Temp C _T	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Tble 2	L/t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
4/24/14	7:43												2.00"	0.00	100.00
	7:45	0:02:00	20.6	11.0	0.12	3.62	3.650	11.5	14.40	7.200	0.01355	0.0364	1"	0.00	100.00
	7:48	0:05:00	20.6	10.0	0.12	2.62	2.641	10.5	14.60	2.920	0.01355	0.0232	3/4"	0.00	100.00
	7:53	0:10:00	20.6	9.5	0.12	2.12	2.137	10.0	14.70	1.470	0.01355	0.0164	1/2"	0.00	100.00
	7:58	0:15:00	20.6	9.5	0.12	2.12	2.137	10.0	14.70	0.980	0.01355	0.0134	3/8"	0.00	100.00
	8:13	0:30:00	20.6	9.0	0.12	1.62	1.633	9.5	14.75	0.492	0.01355	0.0095	1/4"	0.00	100.00
	8:43	1:00:00	20.6	8.5	0.12	1.12	1.129	9.0	14.80	0.247	0.01355	0.0067	#4	0.00	100.00
	9:43	2:00:00	20.1	8.5	0.02	1.02	1.028	9.0	14.80	0.123	0.01363	0.0048	#8	0.00	100.00
	11:48	4:05:00	20.3	8.0	0.06	0.56	0.565	8.5	14.90	0.061	0.0136	0.0034	#10	0.00	99.78
	13:45	6:02:00	20.5	7.5	0.10	0.10	0.101	8.0	15.00	0.041	0.01353	0.0028	#16	0.24	99.54
	18:30	10:47:00	20.5	7.5	0.10	0.10	0.101	8.0	15.00	0.023	0.01353	0.0021	#20	0.34	99.44
4/25/14	6:39	22:56:00	20.0	7.5	0.00	0.00	0.000	8.0	15.00	0.011	0.01365	0.0014	#30	0.80	98.97
													#40	2.45	97.31
													#50	10.40	89.29
													#100	76.19	22.97
													#200	93.40	5.62
													PAN	96.97	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC



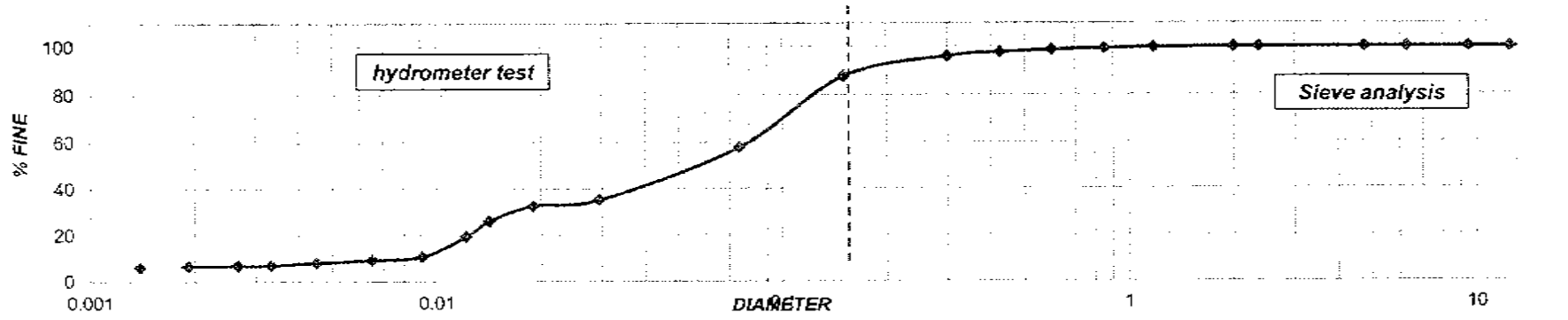
Robert Mosback

Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 04/28/14
 Report: 029-14 (HY) 007YRKA, Samp 14D0742-03, 042214
 Sample: 029-14 (14D0742-03)
 Lab Receipt Date: 04/22/14
 Lab Tech: G. Lopez

Project: SD14REF1700FS
 Location:

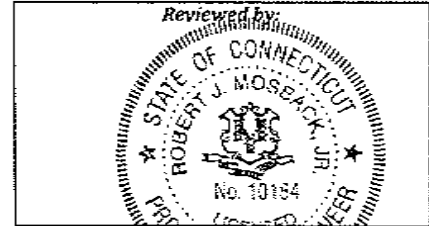
ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)													SIEVE ANALYSIS ASTM DESIGNATION C136 AASHTO DESIGNATION T 27-881		
Hydrometer Used: 152 II			Dispersing Agent: Sodium Hexametaphosphate			Quantity: 40 gr									
Soil Weight: 98.78			a = 1.000												
Zero Correction: 7.0			Meniscus Correction: 0.5												
Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp C _T	Correction Reading of Hydrometer, Rc	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Tble 2	L/t	K of the Table I	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
4/28/14	6:45														
	6:47	0:02:00	20.4	41.5	0.08	34.58	35.007	42.0	9.40	4.700	0.01355	0.0294	2.00"	0.00	100.00
	6:50	0:05:00	20.4	39.0	0.08	32.08	32.476	39.5	9.80	1.960	0.01355	0.0190	1"	0.00	100.00
	6:55	0:10:00	20.4	32.5	0.08	25.58	25.896	33.0	10.90	1.090	0.01355	0.0141	3/4"	0.00	100.00
	7:00	0:15:00	20.3	26.0	0.06	19.06	19.295	26.5	11.95	0.797	0.01359	0.0121	1/2"	0.00	100.00
	7:15	0:30:00	20.2	17.5	0.04	10.54	10.670	18.0	13.30	0.443	0.01361	0.0091	3/8"	0.00	100.00
	7:45	1:00:00	20.1	16.0	0.02	9.02	9.131	16.5	13.60	0.227	0.01363	0.0065	1/4"	0.00	100.00
	8:53	2:08:00	19.6	15.0	-0.12	7.88	7.977	15.5	13.75	0.107	0.01373	0.0045	#4	0.00	100.00
	10:45	4:00:00	19.0	14.0	-0.30	6.70	6.783	14.5	13.90	0.058	0.01382	0.0033	#8	0.00	100.00
	12:52	6:07:00	20.1	13.5	0.02	6.52	6.601	14.0	14.00	0.038	0.01363	0.0027	#10	0.00	100.00
	18:29	11:44:00	21.8	13.0	0.36	6.36	6.439	13.5	14.10	0.020	0.01355	0.0019	#16	0.40	99.60
4/29/14	5:45	24:00:00	19.4	13.0	-0.18	5.82	5.892	13.5	14.40	0.010	0.01388	0.0014	#20	0.82	99.17
													#30	1.38	98.60
													#40	2.41	97.56
													#50	4.00	95.95
													#100	12.28	87.57
													#200	41.77	57.71
													PAN	98.78	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC



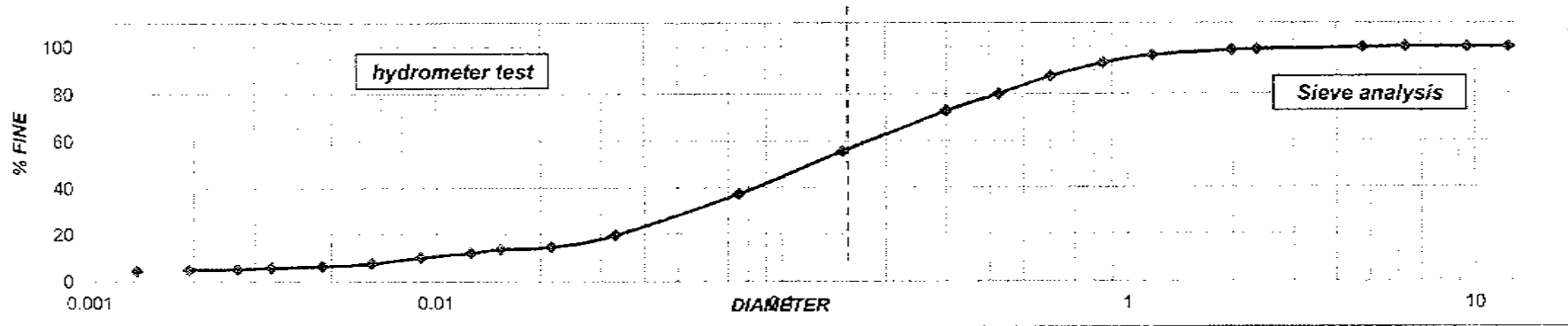
Robert Moseback

Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 04/28/14
 Report: 030-14 (HY) 007YRKA, Samp 14D0742-04, 042214
 Sample: 030-14 (14D0742-04)
 Lab Receipt Date: 04/22/14
 Lab Tech: G. Lopez

Project: SDI4TFJ200FS
 Location:

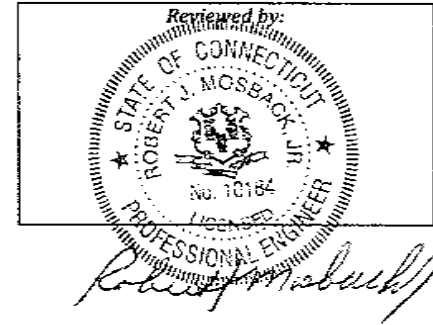
ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)													SIEVE ANALYSIS ASTM DESIGNATION C136 AASHTO DESIGNATION T 27-881		
Hydrometer Used: 152 H		Dispersing Agent: Sodium Hexametaphosphate		Quantity: 40 gr											
Soil Weight: 95.34		a = 1.000													
Zero Correction: 7.0		Meniscus Correction: 0.5													
Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, R _a	Correction for Temp C _T	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Tble 2	L / t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN/NO.	Retained	Total Sample
4/28/14	7:10														
	7:12	0:02:00	20.8	26.5	0.16	19.66	19.498	27.0	11.90	5.950	0.01352	0.0330	2.00"	0.00	100.00
	7:15	0:05:00	20.8	21.5	0.16	14.66	14.539	22.0	12.70	2.540	0.01352	0.0215	1"	0.00	100.00
	7:20	0:10:00	20.8	20.5	0.16	13.66	13.547	21.0	12.90	1.290	0.01352	0.0154	3/4"	0.00	100.00
	7:25	0:15:00	20.8	19.0	0.16	12.16	12.060	19.5	13.10	0.873	0.01352	0.0126	1/2"	0.00	100.00
	7:50	0:30:00	20.7	17.0	0.14	10.14	10.056	17.5	13.40	0.447	0.01354	0.0090	3/8"	0.00	100.00
	8:10	1:00:00	20.2	14.5	0.04	7.54	7.478	15.0	13.80	0.230	0.01358	0.0065	1/4"	0.00	100.00
	9:10	2:00:00	15.6	13.5	-0.12	6.38	6.327	14.0	14.00	0.117	0.01372	0.0047	#4	0.00	99.67
	11:10	4:00:00	19.1	13.0	-0.27	5.73	5.683	13.5	14.10	0.059	0.0138	0.0033	#8	0.00	98.85
	13:17	6:07:00	20.6	12.0	0.12	5.12	5.078	12.5	14.25	0.039	0.01355	0.0027	#10	0.00	98.52
	18:31	11:21:00	21.8	11.5	0.36	4.86	4.820	12.0	14.30	0.021	0.01336	0.0019	#16	2.15	96.39
4/29/14	7:10	24:00:00	19.4	11.5	-0.18	4.32	4.284	12.0	14.30	0.010	0.01372	0.0014	#20	5.48	93.09
													#30	11.13	87.48
													#40	18.72	79.95
													#50	25.99	72.74
													#100	43.32	55.56
													#200	61.82	37.21
													PAN	99.34	





Construction Management Engineering Architecture
Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
Formerly Laboratory Testing Services, LLC

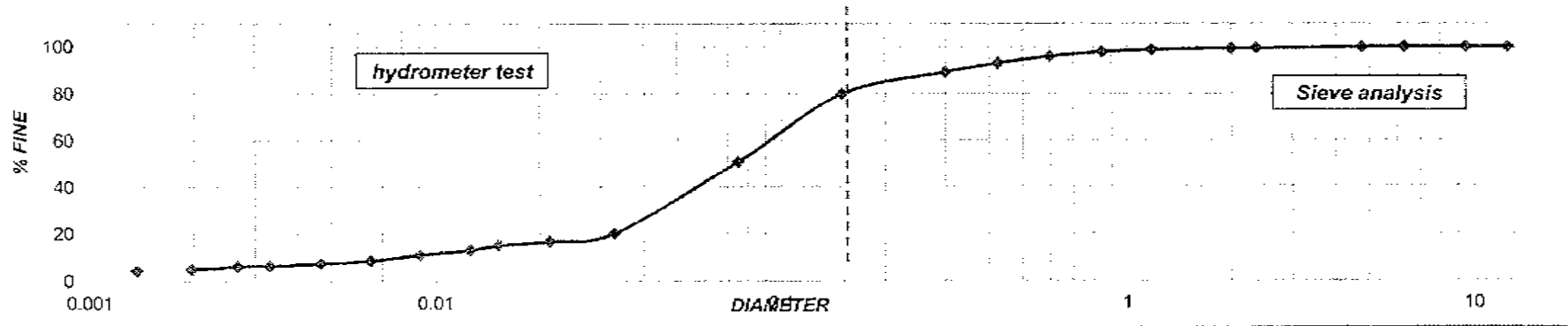


Client: York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Project: 2010-31-007A01
Date: 04/28/14
Report: 031-14 (HY) 007YRKA, Samp 14D0742-06, 042214
Sample: 031-14 (14D0742-06)
Lab Receipt Date: 04/22/14
Lab Tech: G. Lopez

Project: SD14TFJ300FS
Location:

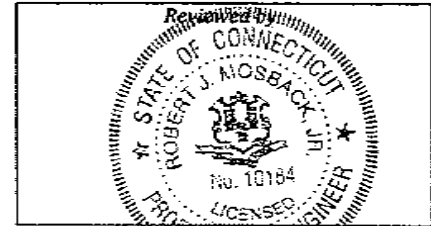
ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)													SIEVE ANALYSIS ASTM DESIGNATION C136 AASHTO DESIGNATION T 27-881		
Hydrometer Used: 152 H		Dispersing Agent: Sodium Hexametaphosphate		Quantity: 40 gr											
Soil Weight: 99.46		a = 1.000													
Zero Correction: 7.0		Meniscus Correction: 0.5													
Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp C _T	Correction Reading of Hydrometer, Rc	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Tube 2	L / t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
4/28/14	7:33														
	7:35	0:02:00	20.8	27.0	0.16	20.16	20.097	27.5	11.80	5.900	0.01352	0.0328	2.00"	0.00	100.00
	7:38	0:05:00	20.8	23.5	0.16	16.66	16.608	24.0	12.45	2.490	0.01352	0.0213	1"	0.00	100.00
	7:43	0:10:00	20.8	22.0	0.16	15.16	15.113	22.5	12.60	1.260	0.01352	0.0152	3/4"	0.00	100.00
	7:48	0:15:00	20.8	20.0	0.16	13.16	13.119	20.5	12.95	0.863	0.01352	0.0126	1/2"	0.00	100.00
	8:03	0:30:00	20.5	18.0	0.10	11.10	11.065	18.5	13.25	0.442	0.01356	0.0090	3/8"	0.00	100.00
	8:33	1:00:00	20.3	15.5	0.06	8.56	8.533	16.0	13.70	0.228	0.01359	0.0065	1/4"	0.00	100.00
	9:33	2:00:00	19.6	14.5	-0.12	7.38	7.357	15.0	13.80	0.115	0.01372	0.0047	#4	0.00	99.77
	11:33	4:00:00	19.5	13.5	-0.15	6.35	6.330	14.0	14.00	0.058	0.0137	0.0033	#8	0.00	99.28
	13:34	6:01:00	20.8	13.0	0.16	6.16	6.141	13.5	14.10	0.039	0.01352	0.0027	#10	0.00	99.15
	18:32	10:59:00	21.8	11.5	0.36	4.86	4.845	12.0	14.30	0.022	0.01336	0.0020	#16	0.47	98.68
4/29/14	7:33	24:00:00	19.4	11.5	-0.18	4.32	4.307	12.0	14.30	0.010	0.01372	0.0014	#20	1.41	97.74
													#30	3.30	95.86
													#40	6.21	92.96
													#50	9.94	89.24
													#100	19.43	79.78
													#200	48.50	50.80
													PAN	99.46	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC



Robert J. Moseback

Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01

Date: 04/29/14

Report: 032-14 (HY) 007YRKA, Samp 14D0742-08, 042214

Sample: 032-14 (14D0742-08)

Project: SD14TFJ500FS
 Location:

Lab Receipt Date: 04/22/14

Lab Tech: G. Lopez

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

Hydrometer Used: 152 H

Soil Weight: 98.67

Zero Correction: 7.0

Dispersing Agent: Sodium Hexametaphosphate

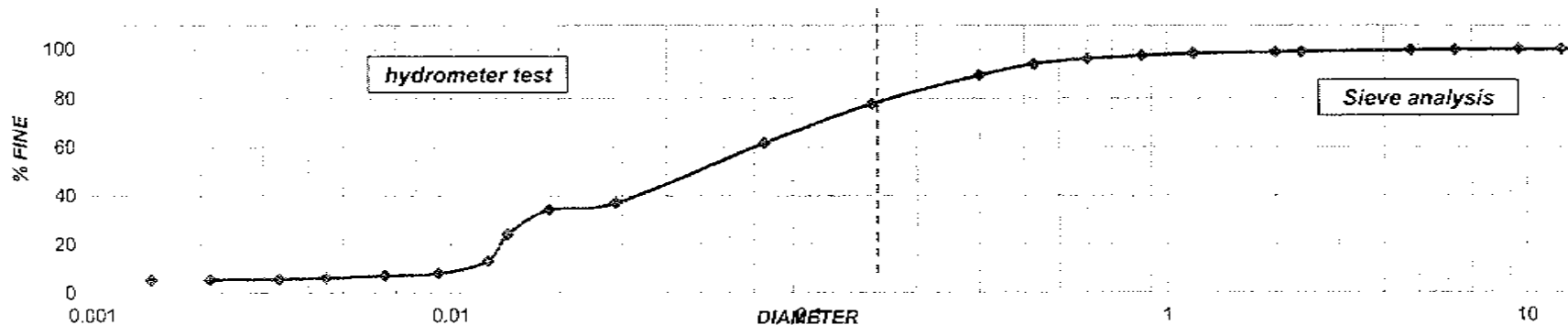
a = 1.000

Meniscus Correction: 0.5

Quantity: 40 gr

SIEVE ANALYSIS
 ASTM DESIGNATION C136
 AASHTO DESIGNATION
 T 27-881

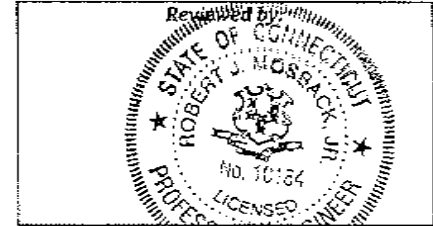
Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, R _a	Correction for Temp C _r	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Tube 2	L / t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													LN / NO.	Retained	Total Sample
4/29/14	9:21												2.00"	0.00	100.00
	9:23	0:02:00	20.3	44.0	0.06	37.06	37.124	44.5	9.00	4.500	0.0136	0.0288	1"	0.00	100.00
	9:26	0:05:00	20.3	41.0	0.06	34.06	34.119	41.5	9.50	1.900	0.0136	0.0187	3/4"	0.00	100.00
	9:31	0:10:00	20.3	31.0	0.06	24.06	24.101	31.5	11.15	1.115	0.0136	0.0144	1/2"	0.00	100.00
	9:36	0:15:00	20.3	20.0	0.06	13.06	13.083	20.5	12.95	0.863	0.0136	0.0126	3/8"	0.00	100.00
	9:51	0:30:00	20.2	15.0	0.04	8.04	8.054	15.5	13.75	0.458	0.013614	0.0092	1/4"	0.00	99.83
	10:21	1:00:00	20.4	14.0	0.08	7.08	7.092	14.5	13.90	0.232	0.01358	0.0065	#4	0.00	99.64
	11:31	2:10:00	20.4	13.0	0.08	6.08	6.090	13.5	14.10	0.108	0.01358	0.0045	#8	0.00	99.00
	13:21	4:00:00	20.2	12.5	0.04	5.54	5.550	13.0	14.20	0.059	0.013614	0.0033	#10	0.00	98.84
	18:09	8:48:00	24.9	11.0	1.27	5.27	5.279	11.5	14.40	0.027	0.01288	0.0021	#16	0.80	98.35
4/30/14	6:32	21:11:00	18.2	12.5	-0.46	5.04	5.049	13.0	14.20	0.011	0.01379	0.0015	#20	1.67	97.47
													#30	2.96	96.18
													#40	5.10	94.03
													#50	9.77	89.33
													#100	21.36	77.69
													#200	37.34	61.63
													PAN	98.67	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC



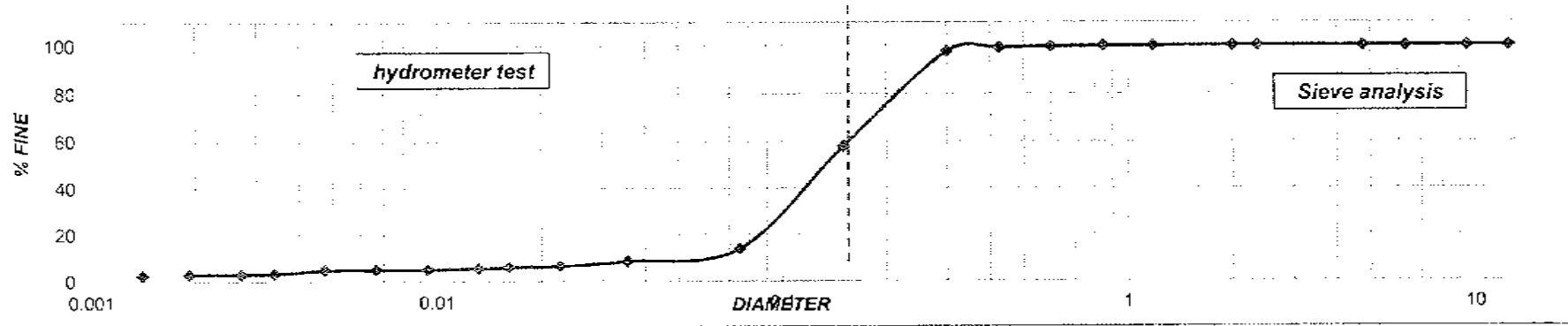
Robert J. Moserack, Jr.

Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 04/22/14
 Report: 023-14 (HY) 007YRKA, Samp 14D0750-02, 042214
 Sample: 023-14 (14D0750-02)
 Lab Receipt Date: 04/22/14
 Lab Tech: G. Lopez

Project: SD14REF0300FS
 Location:

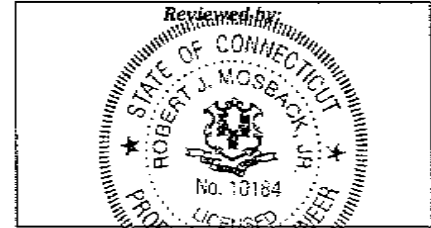
ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)													SIEVE ANALYSIS ASTM DESIGNATION C136 AASHTO DESIGNATION T 27-881		
Hydrometer Used:		152 H		Dispersing Agent:		Sodium Hexametaphosphate		Quantity:		49 gr					
Soil Weight:		99.63		a =		1.000									
Zero Correction:		7.5		Meniscus Correction:		0.5									
Date	Time Reading	Time Transcurring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp C _T	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table 2	L/t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
4/23/14	7:11												2.00"	0.00	100.00
	7:13	0:02:00	20.4	16.0	0.08	8.58	8.612	16.5	13.60	6.800	0.013598	0.0355	1"	0.00	100.00
	7:16	0:05:00	20.4	14.0	0.08	6.58	6.604	14.5	13.90	2.780	0.013598	0.0227	3/4"	0.00	100.00
	7:21	0:10:00	20.4	13.5	0.08	6.08	6.103	14.0	14.00	1.400	0.013598	0.0161	1/2"	0.00	100.00
	7:26	0:15:00	20.3	13.0	0.06	5.56	5.581	13.5	14.10	0.940	0.013602	0.0132	3/8"	0.00	100.00
	7:41	0:30:00	20.3	12.5	0.36	5.06	5.079	13.0	14.20	0.473	0.013602	0.0094	1/4"	0.00	100.00
	8:11	1:00:00	20.0	12.5	0.30	5.00	5.019	13.0	14.20	0.237	0.01365	0.0066	#4	0.00	100.00
	9:11	2:00:00	19.6	12.5	-0.18	4.82	4.838	13.0	14.20	0.118	0.01373	0.0047	#8	0.00	100.00
	11:11	4:00:00	19.2	11.0	-0.24	3.26	3.272	11.5	14.40	0.060	0.01379	0.0034	#10	0.00	100.00
	13:17	6:06:00	20.2	10.5	0.04	3.04	3.051	11.0	14.50	0.040	0.013634	0.0027	#16	0.10	99.90
	19:25	12:14:00	20.0	10.5	0.00	3.00	3.011	11.0	14.50	0.020	0.01365	0.0019	#20	0.23	99.77
4/24/14	7:25	24:14:00	17.8	10.5	-0.54	2.46	2.469	11.0	14.50	0.010	0.01405	0.0014	#30	0.50	99.50
													#40	1.00	99.00
													#50	2.52	97.47
													#100	41.95	57.99
													#200	85.80	13.80
													PAN	99.63	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06804 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC



Robert J. Mosbeck

Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 04/22/14
 Report: 024-14 (HY) 007YRKA, Samp 14D0750-03, 042214
 Sample: 024-14 (14D0750-03)
 Lab Receipt Date: 04/22/14
 Lab Tech: G. Lopez

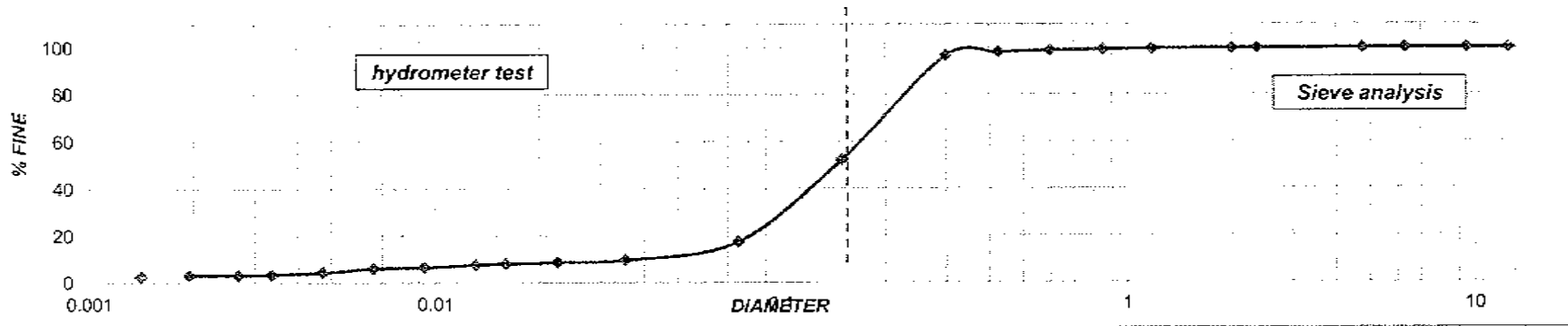
Project: SD14REF0200FS
 Location:

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

Hydrometer Used: 152 H Dispersing Agent: Sodium Hexametaphosphate Quantity: 40 gr
 Soil Weight: 99.55 a = 1.000
 Zero Correction: 7.5 Meniscus Correction: 0.5

SIEVE ANALYSIS
ASTM DESIGNATION C136
AASHTO DESIGNATION
T 27-881

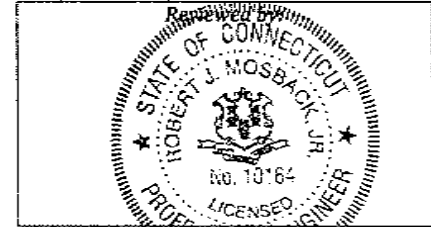
Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp C _r	Correction Reading of Hydrometer, Rc	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Tble 2	L/t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
4/23/14	7:50	Starting Test													
	7:52	0:02:00	20.2	17.0	0.04	9.54	9.551	17.5	13.40	6.700	0.01362	0.0353	2.00"	0.00	100.00
	7:55	0:05:00	20.2	16.0	0.04	8.54	8.550	16.5	13.60	2.720	0.01362	0.0225	1"	0.00	100.00
	8:00	0:10:00	20.2	15.5	0.04	8.04	8.050	16.0	13.70	1.370	0.01362	0.0159	3/4"	0.00	100.00
	8:05	0:15:00	20.1	15.0	0.02	7.52	7.529	15.5	13.75	0.917	0.013635	0.0131	1/2"	0.00	100.00
	9:20	0:30:00	20.1	14.0	0.02	6.52	6.528	14.5	13.90	0.463	0.013635	0.0093	3/8"	0.00	100.00
	8:50	1:00:00	19.9	13.5	-0.03	5.97	5.977	14.0	14.00	0.233	0.01367	0.0066	1/4"	0.00	100.00
	9:50	2:00:00	19.4	12.0	-0.18	4.32	4.325	12.5	14.25	0.119	0.0137	0.0047	#4	0.00	99.88
	11:50	4:00:00	19.6	11.0	-0.12	3.38	3.384	11.5	14.40	0.060	0.01372	0.0034	#6	0.00	99.70
	13:52	6:02:00	20.5	10.5	0.10	3.10	3.104	11.0	14.50	0.040	0.01347	0.0027	#10	0.00	99.67
19:27	11:37:00	20.5	10.5	0.10	3.10	3.104	11.0	14.50	0.021	0.01347	0.0019	#16	0.20	99.47	
4/24/14	7:45	23:55:00	17.7	10.5	-0.60	2.40	2.403	11.0	14.50	0.010	0.01404	0.0014	#20	0.47	99.20
													#30	0.91	98.76
													#40	1.57	98.10
													#50	3.08	96.59
													#100	47.10	52.51
													#200	82.23	17.34
													PAK	99.55	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport, CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC



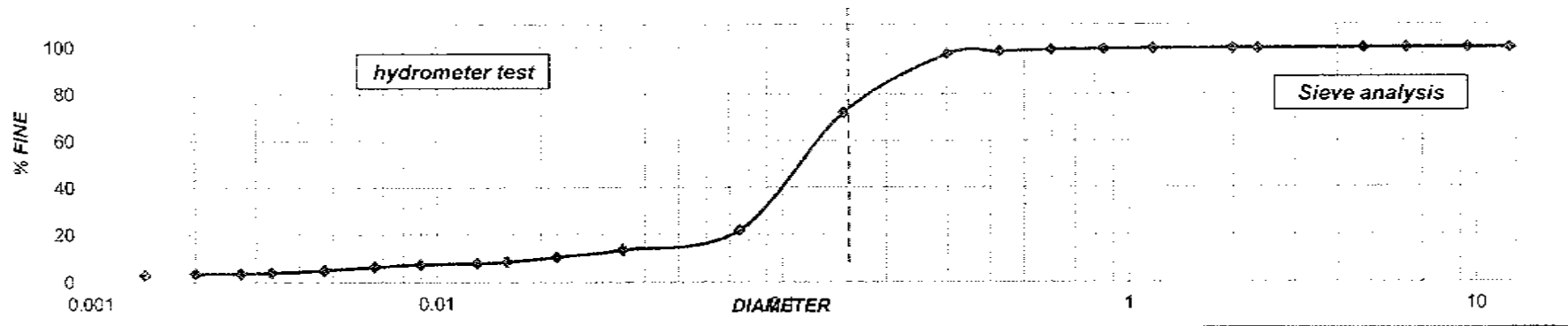
Robert J. Mosback, Jr.

Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 04/22/14
 Report: 025-14 (HY) 007YRKA, Samp 14D0750-04, 042214
 Sample: 025-14 (14D0750-04)
 Lab Receipt Date: 04/22/14
 Lab Tech: G. Lopez

Project: SD14REF0500FS
 Location:

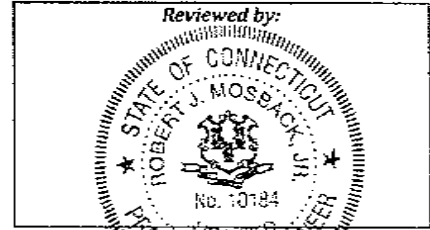
ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)													SIEVE ANALYSIS ASTM DESIGNATION C136 AASHTO DESIGNATION T 27-881		
Hydrometer Used:		152 H		Dispersing Agent:		Sodium Hexametaphosphate		Quantity:		49 gr					
Soil Weight:		99.67		a =		1.000									
Zero Correction:		7.5		Meniscus Correction:		0.5									
Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, R _a	Correction for Temp C _T	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table 2	L / t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
4/23/14	8:33														
	8:35	0:02:00	20.1	21.0	0.02	13.52	13.520	21.5	12.80	6.400	0.013632	0.0345	2.00"	0.00	100.00
	8:38	0:05:00	20.1	18.0	0.02	10.52	10.520	10.5	13.25	2.651	0.013632	0.0222	1"	0.00	100.00
	8:43	0:10:00	20.1	16.0	0.02	8.52	8.520	16.5	13.60	1.360	0.013632	0.0159	3/4"	0.00	100.00
	8:48	0:15:00	19.9	15.5	-0.03	7.97	7.970	16.0	13.70	0.913	0.01367	0.0131	1/2"	0.00	100.00
	9:05	0:32:00	19.8	15.0	-0.06	7.44	7.440	15.5	13.75	0.430	0.01369	0.0090	3/8"	0.00	100.00
	9:33	1:00:00	19.6	14.0	-0.01	6.49	6.488	14.5	13.90	0.232	0.01373	0.0066	1/4"	0.00	100.00
	10:33	2:00:00	19.2	12.5	-0.02	4.98	4.976	13.0	14.20	0.118	0.01377	0.0047	#4	0.00	99.80
	12:33	4:00:00	19.9	11.5	-0.03	3.97	3.970	12.0	14.30	0.060	0.01367	0.0033	#8	0.00	99.52
	14:33	6:00:00	20.6	11.0	0.12	3.62	3.620	11.5	14.40	0.040	0.01358	0.0027	#10	0.00	99.60
	19:28	10:55:00	20.5	11.0	0.10	3.60	3.600	11.5	14.40	0.022	0.01356	0.0020	#16	0.10	99.50
4/24/14	7:50	23:17:00	17.7	11.0	-0.60	2.90	2.900	11.5	14.40	0.010	0.01412	0.0014	#20	0.26	99.34
													#30	0.62	98.98
													#40	1.36	98.24
													#50	2.57	97.03
													#100	27.67	71.95
													#200	77.80	21.85
													PAN	99.67	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC



Robert J. Mosback

Client: York Analytical Laboratories
 126 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 04/24/14
 Report: 026-14 (HY) 007YRKA, Samp 14D0750-05, 042214
 Sample: 026-14 (14D0750-05)

Project: SD14REF0800FS
 Location:

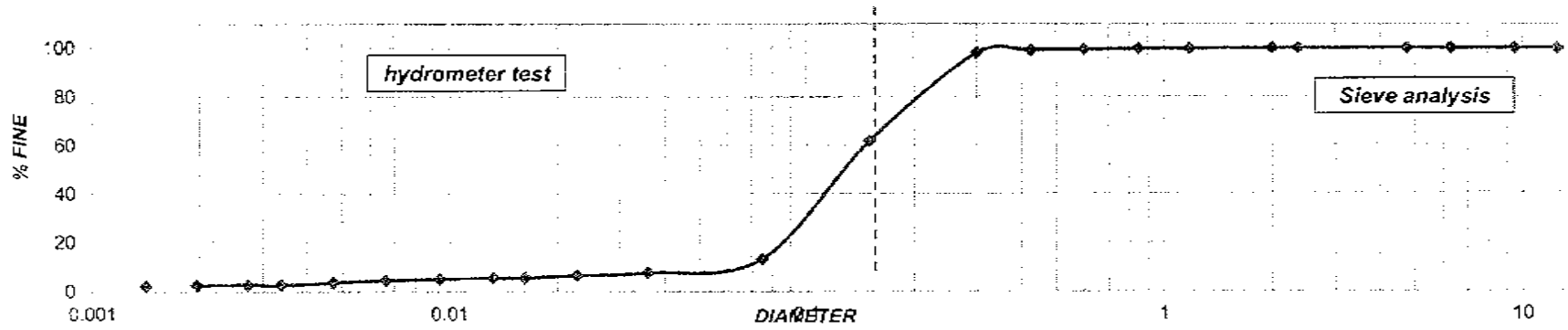
Lab Receipt Date: 04/22/14
 Lab Tech: G. Lopez

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

Hydrometer Used: 152 H Dispersing Agent: Sodium Hexametaphosphate Quantity: 40 gr
 Soil Weight: 99.67 a = 1.000
 Zero Correction: 7.5 Meniscus Correction: 0.5

SIEVE ANALYSIS
 ASTM DESIGNATION C136
 AASHTO DESIGNATION
 T 27-881

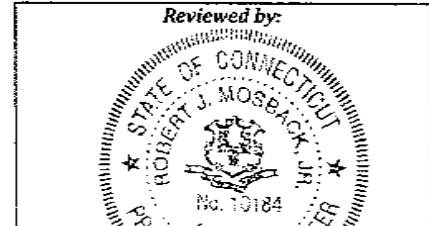
Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, Pa	Correction for Temp C _T	Correction Reading of Hydrometer, P _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Tble 2	L / t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
4/24/14	7:16												2.00"	0.00	100.00
	7:18	0:02:00	20.0	15.0	0.00	7.50	7.500	15.5	13.80	6.900	0.01365	0.0359	1"	0.00	100.00
	7:21	0:05:00	20.0	14.0	0.00	6.50	6.500	14.5	13.90	2.780	0.01365	0.0228	3/4"	0.00	100.00
	7:26	0:10:00	20.0	13.0	0.00	5.50	5.500	13.5	14.10	1.410	0.01365	0.0162	1/2"	0.00	100.00
	7:31	0:15:00	20.0	13.0	0.00	5.50	5.500	13.5	14.10	0.940	0.01365	0.0132	3/8"	0.00	100.00
	7:46	0:30:00	20.0	12.5	0.00	5.00	5.000	13.0	14.20	0.473	0.01365	0.0094	1/4"	0.00	100.00
	8:16	1:00:00	20.3	12.0	0.06	4.56	4.560	12.5	14.25	0.238	0.01359	0.0066	#4	0.00	100.00
	9:16	2:00:00	20.3	11.0	0.02	3.52	3.520	11.5	14.40	0.120	0.01363	0.0047	#8	0.00	100.00
	11:16	4:00:00	20.0	10.0	0.00	2.50	2.500	10.5	14.60	0.061	0.01365	0.0034	#10	0.00	100.00
	13:16	6:00:00	20.7	10.0	0.14	2.64	2.640	10.5	14.60	0.041	0.01353	0.0027	#16	0.11	99.89
	18:29	11:13:00	22.1	9.5	0.43	2.43	2.430	10.0	14.70	0.022	0.0133	0.0020	#20	0.26	99.74
4/25/14	6:30	23:14:00	18.5	9.5	-0.04	1.96	1.960	10.0	14.40	0.010	0.0139	0.0014	#30	0.53	99.47
													#40	1.00	99.00
													#50	2.07	97.92
													#100	38.24	61.63
													#200	86.58	13.13
													PAN	99.67	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC



Robert J. Mosback

Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01

Date: 05/09/14

Report: 053-14 (HY) 007YRKA, Samp 14D0852-02, 050614

Sample: 053-14 (14D0852-02)

Project: SD14TFG300FS
 Location:

Lab Receipt Date: 05/06/14

Lab Tech: G. Lopez

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

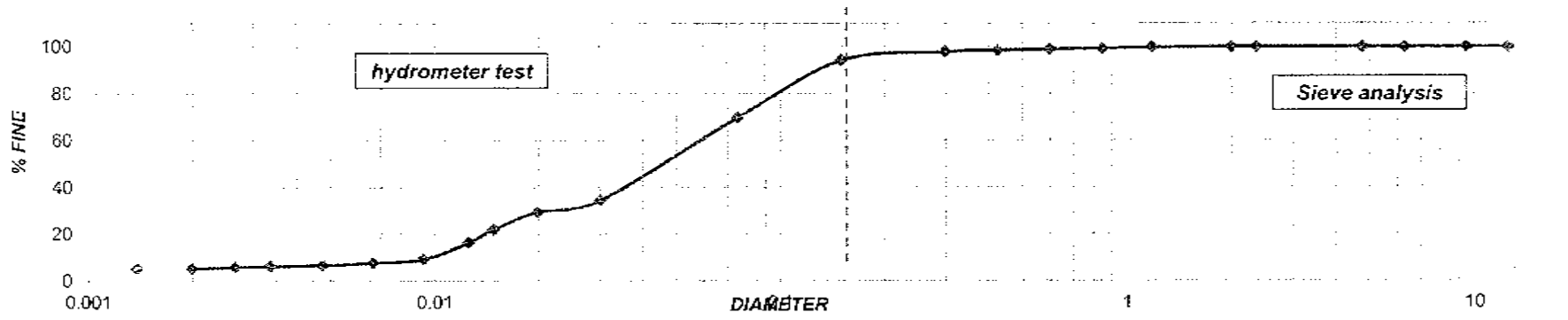
Hydrometer Used: 152 H
 Soil Weight: 100.00
 Zero Correction: 6.5

Dispersing Agent: Sodium Hexametaphosphate
 a = 1.010
 Meniscus Correction: 0.5

Quantity: 40 gr

SIEVE ANALYSIS
 ASTM DESIGNATION C136
 AASHTO DESIGNATION
 T 27-881

Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, R _a	Correction for Temp C, C ₁	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R ₂	L of the Table 2	L / t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													<i>DN / NO.</i>	<i>Retained</i>	<i>Total Sample</i>
5/9/14	6:44												2.00"	0.00	100.00
	6:46	0:02:00	20.8	40.5	0.16	34.16	34.502	41.0	9.60	4.800	0.01372	0.0301	1"	0.00	100.00
	6:49	0:05:00	20.8	35.5	0.16	29.16	29.452	36.0	10.40	2.080	0.01372	0.0198	3/4"	0.00	100.00
	6:54	0:10:00	20.8	28.0	0.16	21.66	21.877	28.5	11.60	1.160	0.01372	0.0148	1/2"	0.00	100.00
	6:59	0:15:00	20.8	22.5	0.16	16.16	16.322	23.0	12.50	0.833	0.01372	0.0125	3/8"	0.00	100.00
	7:14	0:30:00	20.7	15.5	0.14	9.14	9.231	16.0	13.70	0.457	0.01374	0.0093	1/4"	0.00	100.00
	7:44	1:00:00	20.4	14.0	0.08	7.58	7.656	14.5	13.90	0.232	0.01378	0.0066	#4	0.00	100.00
	8:44	2:00:00	20.2	13.0	0.04	6.54	6.605	13.5	14.10	0.118	0.01383	0.0047	#8	0.00	100.00
	10:44	4:00:00	20.4	12.5	0.08	6.08	6.141	13.0	14.20	0.059	0.01378	0.0034	#10	0.00	100.00
	13:05	6:21:00	20.9	12.0	0.18	5.68	5.737	12.5	14.25	0.037	0.01371	0.0027	#16	0.30	99.70
	16:54	10:10:00	20.7	11.5	0.14	5.14	5.191	12.0	14.30	0.021	0.01374	0.0020	#20	0.66	99.34
5/10/14	6:44	24:00:00	20.1	11.5	0.02	3.02	3.070	12.0	14.30	0.010	0.01385	0.0014	#30	1.08	98.92
													#40	1.55	98.45
													#50	2.28	97.72
													#100	5.81	94.19
													#200	30.25	69.75
													PAN	100.00	





Construction Management Engineering Architecture
Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
Formerly Laboratory Testing Services, LLC

Reviewed by:



Client: York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Project: 2010-31-007A01
Date: 05/09/14
Report: 054-14 (HY) 007YRKA, Samp 14D0852-03, 050614
Sample: 054-14 (14D0852-03)
Lab Receipt Date: 05/06/14
Lab Tech: G. Lopez

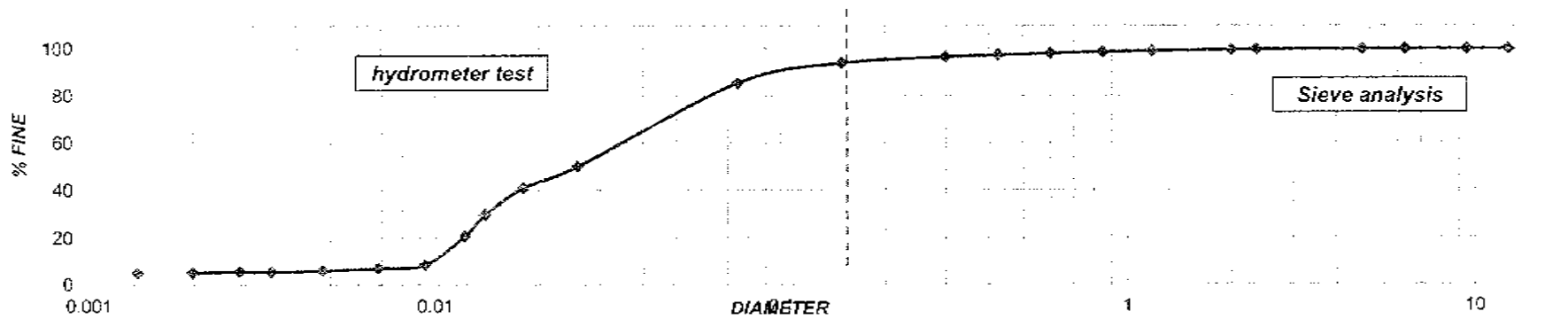
Project: SD14TFG200FS
Location:

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

Hydrometer Used: 152 H Dispersing Agent: Sodium Hexametaphosphate Quantity: 40 gr
Soil Weight: 99.81 a = 1.010
Zero Correction: 6.5 Meniscus Correction: 0.5

SIEVE ANALYSIS
ASTM DESIGNATION C136
AASHTO DESIGNATION
T 27-881

Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp C _T	Correction Reading of Hydrometer, Rc	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table 2	L / t	K of the Table 7	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
5/9/14	7:06												2.00"	0.00	100.00
	7:08	0:02:00	20.8	56.0	0.16	49.66	50.021	56.5	7.05	3.525	0.01372	0.0258	1"	0.00	100.00
	7:11	0:05:00	20.8	47.0	0.16	40.66	40.956	47.5	8.50	1.700	0.01372	0.0179	3/4"	0.00	100.00
	7:16	0:10:00	20.8	36.0	0.16	29.66	29.876	36.5	10.30	1.030	0.01372	0.0139	1/2"	0.00	100.00
	7:21	0:15:00	20.8	27.0	0.16	20.66	20.810	27.5	11.80	0.787	0.01372	0.0122	3/8"	0.00	100.00
	7:36	0:30:00	20.6	15.0	0.12	8.62	8.683	15.5	13.75	0.488	0.01378	0.0093	1/4"	0.00	100.00
	8:03	0:57:00	20.4	13.5	0.08	7.08	7.131	14.0	14.00	0.246	0.01378	0.0068	#4	0.00	99.93
	9:06	2:00:00	20.3	12.5	0.06	6.06	6.104	13.0	14.20	0.118	0.01381	0.0048	#8	0.00	99.75
	11:06	4:00:00	20.6	12.0	0.01	5.51	5.552	12.5	14.25	0.059	0.01378	0.0034	#10	0.00	99.54
	13:06	6:00:00	20.8	12.0	0.16	5.66	5.701	12.5	14.25	0.040	0.01372	0.0027	#16	0.52	99.02
	16:55	9:49:00	20.7	11.5	0.14	5.14	5.177	12.0	14.30	0.021	0.01374	0.0020	#20	0.94	98.60
5/10/14	7:06	24:00:00	20.1	11.5	0.02	5.02	5.056	12.0	14.30	0.010	0.01385	0.0014	#30	1.54	98.00
													#40	2.27	97.28
													#50	3.09	96.46
													#100	5.72	93.84
													#200	14.23	85.35
													PAN	99.81	

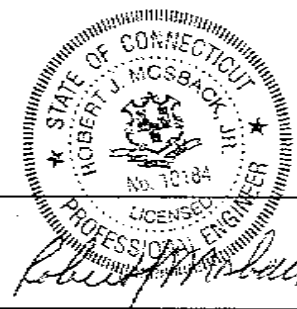




Construction Management Engineering Architecture
Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
Formerly Laboratory Testing Services, LLC

Reviewed by:



Client: York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Project: 2010-31-007A01

Date: 05/09/14

Report: 055-14 (HY) 007YRKA, Samp 14D0852-04, 050614

Sample: 055-14 (14D0852-04)

Project: SD14TFG100FS

Lab Receipt Date: 05/06/14

Location:

Lab Tech: G. Lopez

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

Hydrometer Used: 152 H

Soil Weight: 99.44

Zero Correction: 6.5

Dispersing Agent: Sodium Hexametaphosphate

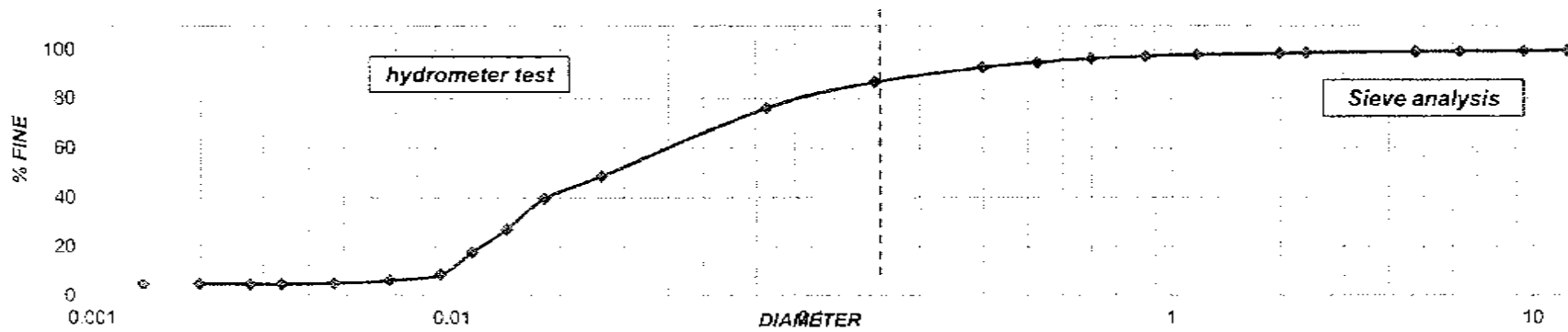
a = 1.010

Meniscus Correction: 0.5

Quantity: 40 gr

SIEVE ANALYSIS
ASTM DESIGNATION C136
AASHTO DESIGNATION
T 27-881

Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp C _r	Correction Reading of Hydrometer, Rc	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table 2	L / t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
5/9/14	7:29	Starting Test													
	7:31	0:02:00	20.9	55.0	0.18	48.68	48.747	55.5	7.20	3.600	0.01371	0.0260	2.00"	0.00	100.00
	7:34	0:05:00	20.9	46.0	0.18	39.68	39.734	46.5	8.70	1.740	0.01371	0.0181	1"	0.00	100.00
	7:39	0:10:00	20.9	33.5	0.18	27.18	27.217	34.0	10.70	1.070	0.01371	0.0142	3/4"	0.00	100.00
	7:47	0:18:00	20.8	24.0	0.16	17.66	17.684	24.5	12.30	0.683	0.01373	0.0113	1/2"	0.00	99.90
	7:59	0:30:00	20.8	15.0	0.16	8.66	8.572	15.5	13.75	0.458	0.01373	0.0093	3/8"	0.00	99.60
	8:29	1:00:00	20.5	12.5	0.10	6.10	6.108	13.0	14.20	0.237	0.01378	0.0067	1/4"	0.00	99.48
	9:32	2:03:00	20.3	11.5	0.06	5.06	5.067	12.0	14.30	0.116	0.01381	0.0047	#4	0.00	99.35
	11:29	4:00:00	20.7	11.0	0.14	4.64	4.646	11.5	14.40	0.060	0.01374	0.0034	#8	0.00	98.87
	13:29	6:00:00	20.7	11.0	0.14	4.64	4.646	11.5	14.40	0.040	0.01374	0.0027	#10	0.00	98.59
5/10/14	16:56	9:27:00	20.7	11.0	0.14	4.64	4.646	11.5	14.40	0.021	0.01374	0.0020	#16	0.51	98.08
	7:29	24:00:00	20.0	11.0	0.00	4.50	4.506	11.5	14.40	0.010	0.01386	0.0014	#20	1.09	97.51
													#30	2.07	96.54
													#40	3.79	94.83
													#50	5.91	92.73
													#100	12.15	86.54
													#200	22.52	76.26
													PAN	99.44	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport, CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC

Reviewed by:

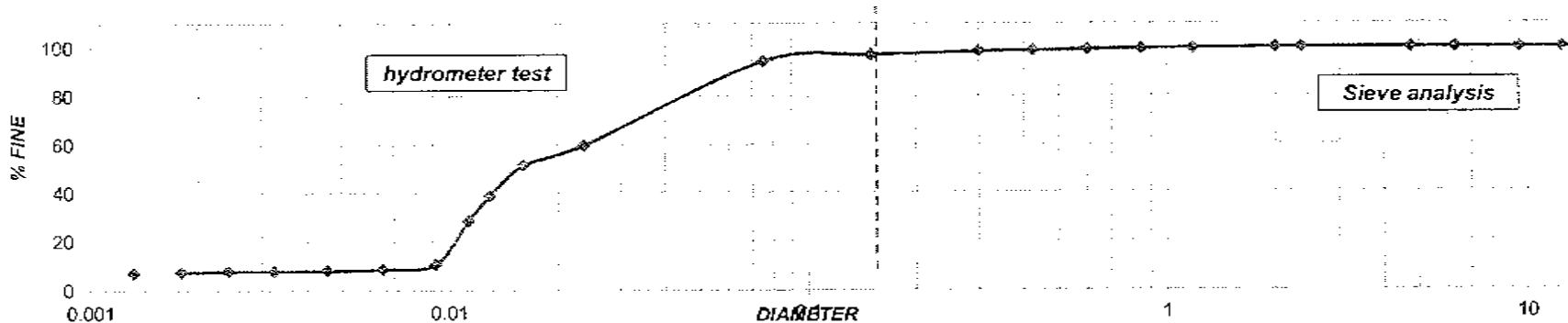


Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 05/12/14
 Report: 057-14 (HY) 007YRKA, Samp 14D0893-01, 050614
 Sample: 057-14 (14D0893-01)
 Lab Receipt Date: 05/06/14
 Lab Tech: G. Lopez

Project: SD14TFA200FS
 Location:

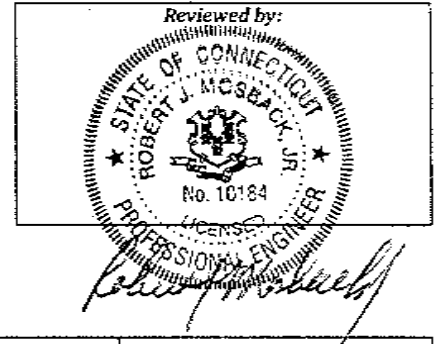
ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)													SIEVE ANALYSIS ASTM DESIGNATION C136 AASHTO DESIGNATION T 27-881		
Hydrometer Used:		152 H		Dispersing Agent:		Sodium Hexametaphosphate		Quantity:		40 gr			Sieve Size	Weight	% Passing
Soil Weight:		98.53		a =		1.010									
Zero Correction:		6.0		Meniscus Correction:		0.5									
Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp C ₁	Correction Reading of Hydrometer, Rc	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table Z	L / t	K of the Table 1	D mm			
Starting Test													IN / NO.	Retained	Total Sample
5/12/14	6:46												2.00"	0.00	100.00
	6:48	0:02:00	21.8	64.0	0.36	58.36	59.823	64.5	6.10	3.050	0.01356	0.0237	1"	0.00	100.00
	6:51	0:05:00	21.8	56.0	0.36	50.36	51.622	56.5	7.05	1.410	0.01356	0.0161	3/4"	0.00	100.00
	6:56	0:10:00	21.8	43.5	0.36	37.86	38.809	44.0	9.10	0.910	0.01356	0.0129	1/2"	0.00	100.00
	7:01	0:15:00	21.8	33.5	0.36	27.86	28.558	34.0	10.40	0.693	0.01356	0.0113	3/8"	0.00	100.00
	7:16	0:30:00	21.8	16.0	0.36	10.36	10.620	16.5	13.60	0.453	0.01356	0.0091	1/4"	0.00	100.00
	7:46	1:00:00	21.8	14.0	0.36	9.36	8.570	14.5	13.90	0.232	0.01356	0.0065	#4	0.00	100.00
	8:50	2:04:00	21.7	13.5	0.34	7.84	8.037	14.0	14.00	0.113	0.01358	0.0046	#8	0.00	100.00
	10:46	4:00:00	23.0	13.0	0.70	7.70	7.893	13.5	14.10	0.059	0.01337	0.0032	#10	0.00	100.00
	13:46	7:00:00	24.6	12.5	1.18	7.68	7.873	13.0	14.20	0.034	0.01314	0.0024	#16	0.34	99.65
	18:30	11:44:00	27.5	11.0	2.25	7.25	7.432	11.5	14.40	0.020	0.0127	0.0018	#20	0.58	99.41
5/13/14	6:46	24:30:00	23.7	12.0	0.91	6.91	7.083	12.5	14.25	0.010	0.01325	0.0013	#30	0.92	99.37
													#40	1.28	98.70
													#50	1.75	98.22
													#100	3.06	96.89
													#200	5.63	94.29
													PAN	98.53	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC

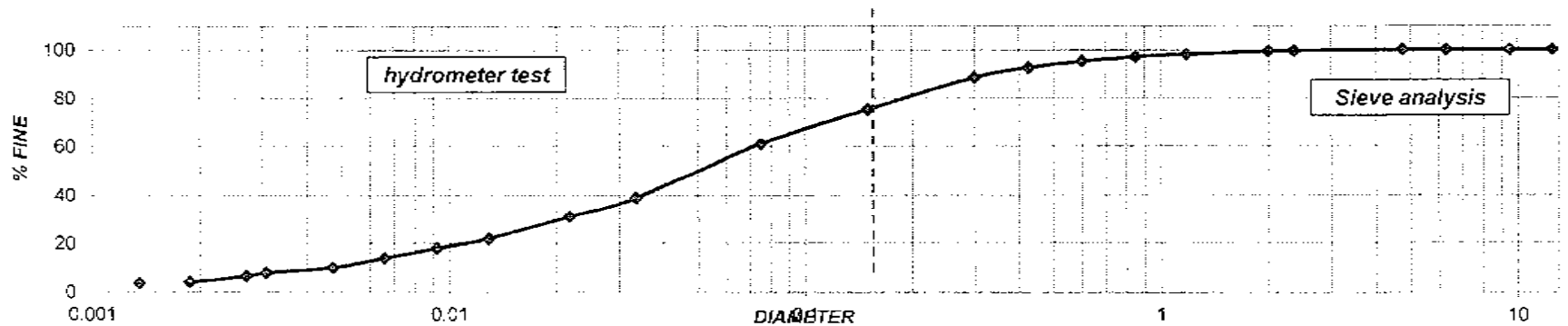


Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06625

Project: 2010-31-007A01
 Date: 05/23/14
 Report: 058-14 (HY) 007YRKA, Samp 14D0893-02, 050614
 Sample: 058-14 (14D0893-02)
 Lab Receipt Date: 05/06/14
 Lab Tech: G. Lopez

Project: SD14TFD100FS
 Location:

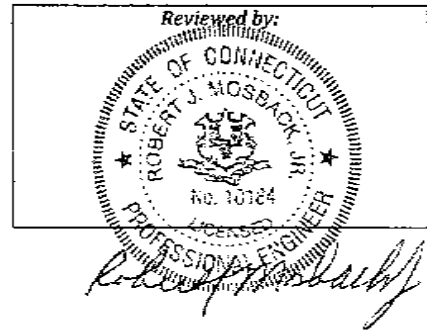
ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)													SIEVE ANALYSIS ASTM DESIGNATION C136 AASHTO DESIGNATION T 27-881		
Hydrometer Used: 152 H		Dispersing Agent: Sodium Hexametaphosphate		Quantity: 40 gr											
Soil Weight: 49.72		a = 1.010													
Zero Correction: 7.5		Meniscus Correction: 0.5													
Date	Time Reading	Time Transcurring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp CT	Correction Reading of Hydrometer, Rc	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table 2	L / c	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
5/23/14	6:46														
	6:48	0:02:00	19.4	27.0	-0.18	19.32	38.940	27.5	11.80	5.900	0.01374	0.0334	2.00"	0.00	100.00
	6:51	0:05:00	19.4	23.0	-0.18	15.32	30.878	23.5	12.50	2.500	0.01374	0.0217	1"	0.00	100.00
	7:01	0:15:00	19.4	18.5	-0.18	10.82	21.808	19.0	13.20	0.880	0.01374	0.0129	3/4"	0.00	100.00
	7:16	0:30:00	19.4	16.5	-0.18	8.82	17.777	17.0	13.50	0.450	0.01374	0.0092	1/2"	0.00	100.00
	7:46	1:00:00	19.6	14.5	-0.12	6.88	13.867	15.0	13.80	0.230	0.01371	0.0066	3/8"	0.00	100.00
	8:46	2:00:00	19.8	12.5	-0.06	4.94	9.957	13.0	14.20	0.118	0.01368	0.0047	1/4"	0.00	100.00
	10:50	4:04:00	20.2	11.0	0.40	3.90	7.861	11.5	14.40	0.059	0.01262	0.0031	#4	0.00	99.94
	12:46	6:00:00	21.1	10.5	0.22	3.22	6.490	11.0	14.50	0.040	0.01346	0.0027	#8	0.00	99.41
	18:46	12:00:00	24.0	8.5	1.00	2.00	4.031	9.0	14.80	0.021	0.01301	0.0019	#10	0.00	99.22
5/24/14	6:46	24:00:00	21.4	9.0	0.28	1.78	3.588	9.5	14.75	0.010	0.01338	0.0014	#16	0.61	98.00
													#20	1.17	96.89
													#30	2.08	95.07
													#40	3.42	92.40
													#50	5.45	88.34
													#100	12.01	75.25
													#200	19.15	61.00
													PAN	49.72	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

35 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC



Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 05/12/14
 Report: 059-14 (HY) 007YRKA, Samp 14D0893-03, 050614
 Sample: 059-14 (14D0893-03)
 Lab Receipt Date: 05/06/14
 Lab Tech: G. Lopez

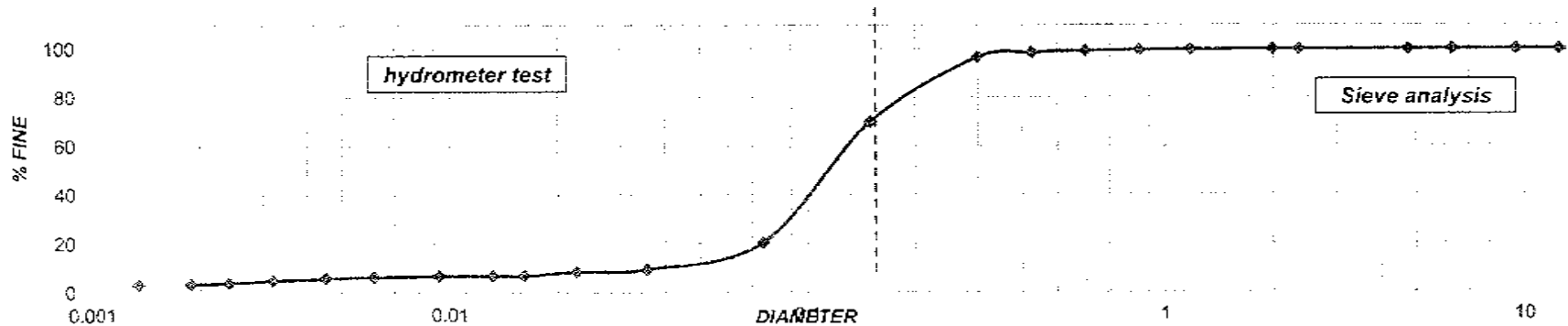
Project: SD14REF1800FS
 Location:

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

SIEVE ANALYSIS
 ASTM DESIGNATION C136
 AASHTO DESIGNATION
 T 27-881

Hydrometer Used: 152 H Dispersing Agent: Sodium Hexametaphosphate Quantity: 40 gr
 Soil Weight: 99.61 a = 1.010
 Zero Correction: 6.0 Meniscus Correction: 0.5

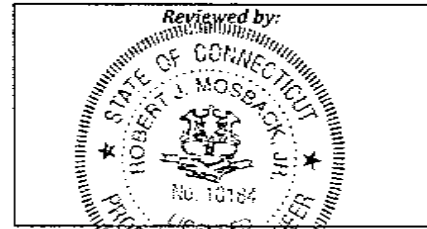
Date	Time Reading	Time Transcurring, Min	Temp °C	Real Reading Hydrometer, R _a	Correction for Temp C, C _r	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R _m	Left the Table Z	L/t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
5/12/14	7:09												2.00"	0.00	100.00
	7:11	0:02:00	22.0	15.0	0.40	9.40	9.531	15.5	13.75	6.875	0.01353	0.0355	1"	0.00	100.00
	7:14	0:05:00	22.0	14.0	0.40	8.40	8.517	14.5	13.90	2.780	0.01353	0.0226	3/4"	0.00	100.00
	7:19	0:10:00	22.0	12.5	0.40	6.50	6.996	13.0	14.20	1.420	0.01353	0.0161	1/2"	0.00	100.00
	7:24	0:15:00	22.0	12.5	0.40	6.90	6.996	13.0	14.20	0.947	0.01353	0.0132	3/8"	0.00	100.00
	7:39	0:30:00	21.8	12.5	0.36	6.86	6.956	13.0	14.20	0.473	0.01356	0.0093	1/4"	0.00	100.00
	8:19	1:10:00	21.8	12.0	0.36	6.36	6.449	12.5	14.25	0.204	0.01356	0.0061	#4	0.00	100.00
	9:19	2:10:00	21.8	11.5	0.36	5.86	5.942	12.0	14.30	0.110	0.01356	0.0045	#8	0.00	100.00
	11:27	4:18:00	22.3	10.5	0.49	4.99	5.060	11.0	14.50	0.056	0.01348	0.0032	#10	0.00	100.00
	14:19	7:10:00	25.6	8.5	1.48	3.98	4.036	9.0	14.80	0.034	0.01297	0.0024	#16	0.15	99.85
	18:31	11:22:00	27.1	7.5	2.05	3.55	3.600	8.0	15.00	0.022	0.01275	0.0019	#20	0.35	99.65
5/13/14	7:09	24:00:00	23.6	8.5	0.88	3.38	3.427	9.0	14.80	0.010	0.01328	0.0013	#30	0.70	99.30
													#40	1.46	98.53
													#50	3.45	96.54
													#100	29.94	69.94
													#200	79.29	20.40
													PAN	99.63	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport, CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC



Robert J. Mosback

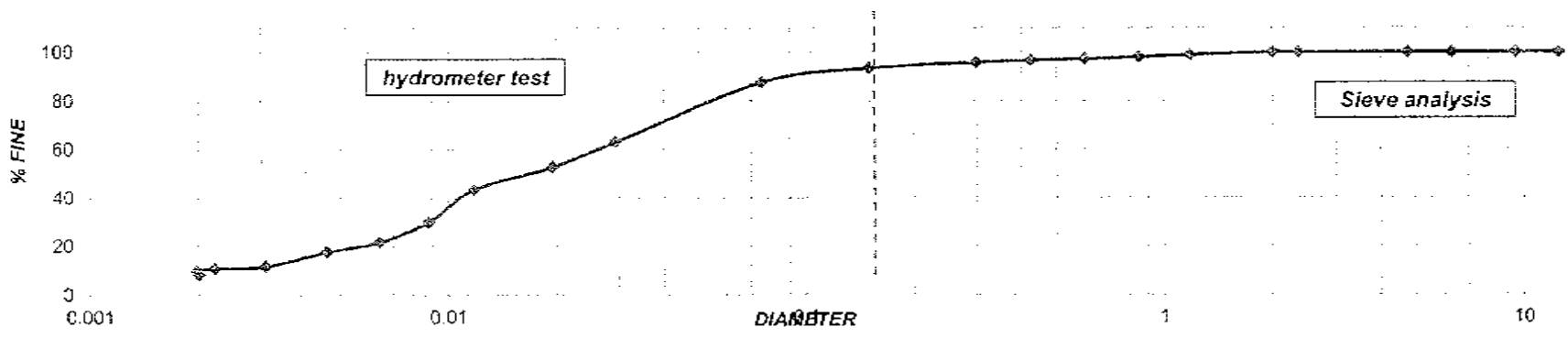
Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 05/13/14
 Report: 060-14 (HY) 007YRKA, Sample 14D0893-04, 050614
 Sample: 060-14 (14D0893-04)

Project: SD14TFAS600FS
 Location:

Lab Receipt Date: 05/06/14
 Lab Tech: G. Lopez

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)													SIEVE ANALYSIS ASTM DESIGNATION C136 AASHTO DESIGNATION T 27-881		
Hydrometer Used:		152 H		Dispersing Agent:		Sodium Hexametaphosphate		Quantity:		40 gr			Sieve Size	Weight	% Passing
Soil Weight:		59.62		a =		1.010									
Zero Correction:		6.0		Meniscus Correction:		0.5									
Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, R _a	Correction for Temp C _T	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table 2	L / t	K of the Table 1	D mm			
Starting Test													IN / NO.	Retained	Total Sample
5/13/14	6:36												2.00"	0.00	100.00
	6:38	0:02:00	21.1	43.0	0.22	37.22	63.053	43.5	9.15	4.575	0.01367	0.0292	1"	0.00	100.00
	6:41	0:05:00	21.1	37.0	0.22	31.22	52.889	37.5	10.15	2.030	0.01367	0.0195	3/4"	0.00	100.00
	6:51	0:15:00	21.1	31.5	0.22	25.72	43.571	32.0	11.13	0.742	0.01367	0.0118	1/2"	0.00	100.00
	7:06	0:30:00	21.1	23.5	0.22	17.72	30.019	24.0	12.40	0.413	0.01367	0.0088	3/8"	0.00	100.00
	7:36	1:00:00	21.1	18.5	0.22	12.72	21.548	19.0	13.20	0.220	0.01367	0.0064	1/4"	0.00	100.00
	8:36	2:00:00	21.6	16.0	0.32	10.32	17.483	16.5	13.60	0.113	0.01359	0.0046	#4	0.00	100.00
	11:10	4:34:00	22.1	12.5	0.36	6.86	11.621	13.0	14.20	0.052	0.01351	0.0031	#6	0.00	100.00
	14:58	8:22:00	24.0	11.5	0.91	6.41	10.859	12.0	14.25	0.028	0.01321	0.0022	#10	0.00	100.00
	18:12	11:36:00	25.1	10.5	1.33	5.83	9.876	11.0	14.50	0.023	0.01304	0.0020	#16	0.67	98.88
5/14/14	6:36	24:00:00	21.5	10.5	0.30	4.80	8.131	11.0	14.50	0.022	0.01361	0.0020	#20	1.20	97.99
													#30	1.64	97.25
													#40	2.06	96.54
													#50	2.50	95.81
													#100	3.89	93.48
													#200	7.37	87.64
													PAN	59.52	





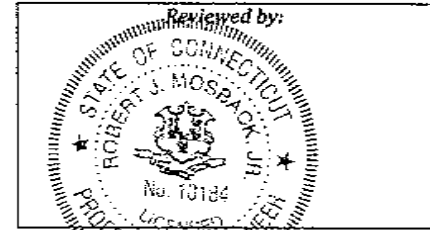
Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC

Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

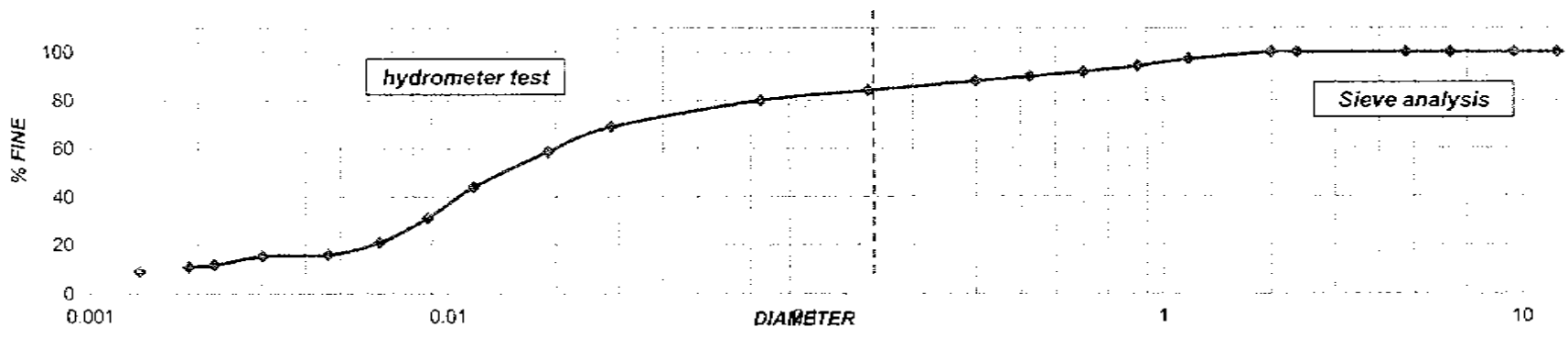
Project: 2010-31-007A01
 Date: 05/13/14
 Report: 061-14 (HY) 007YRKA, Samp 14D0893-05, 050614
 Sample: 061-14 (14D0893-05)
 Lab Receipt Date: 05/05/14
 Lab Tech: G. Lopez

Project: SD14TFA4500FS
 Location:



Robert J. Mospack

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)													SIEVE ANALYSIS ASTM DESIGNATION C136 AASHTO DESIGNATION T 27-881		
Hydrometer Used:		152 H		Dispersing Agent:		Sodium Hexametaphosphate		Quantity:		40 gr					
Soil Weight:		58.81		a =		1.010									
Zero Correction:		6.0		Meniscus Correction:		0.5									
Date	Time Reading	Time Transcurring, Min	Temp °C	Real Reading Hydrometer, R ₀	Correction for Temp C _T	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	LoF the Table 2	L/t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
5/13/14	6:45														
	6:47	0:02:00	21.0	46.0	0.20	40.20	69.039	46.5	8.70	4.350	0.01369	0.0286	2.00"	0.00	100.00
	6:50	0:05:00	21.0	40.0	0.20	34.20	58.735	40.5	9.65	1.930	0.01369	0.0190	1"	0.00	100.00
	7:00	0:15:00	21.0	31.5	0.20	25.70	44.137	32.0	11.10	0.740	0.01369	0.0118	3/4"	0.00	100.00
	7:15	0:30:00	21.0	24.0	0.20	18.20	31.257	24.5	12.30	0.410	0.01369	0.0088	1/2"	0.00	100.00
	7:45	1:00:00	21.2	18.0	0.24	12.24	21.021	18.5	13.25	0.221	0.01367	0.0064	3/8"	0.00	100.00
	8:45	2:00:00	21.4	15.0	0.28	9.28	15.937	15.5	13.75	0.115	0.01363	0.0046	1/4"	0.00	100.00
	11:11	4:26:00	23.7	14.0	0.91	8.91	15.302	14.5	13.90	0.052	0.01325	0.0030	#4	0.00	100.00
	14:59	8:14:00	25.0	11.5	1.30	6.80	11.678	12.0	14.30	0.029	0.01306	0.0022	#8	0.00	100.00
	18:13	11:28:00	25.1	11.0	1.33	6.33	10.871	11.5	14.40	0.021	0.01304	0.0019	#10	0.00	100.00
5/14/14	6:45	24:00:00	21.4	11.0	0.28	5.28	9.068	11.5	14.40	0.010	0.01373	0.0014	#16	1.75	97.02
													#20	3.41	94.20
													#30	4.78	91.87
													#40	5.97	89.85
													#50	7.04	88.03
													#100	9.31	84.17
													#200	11.71	80.09
													PAN	58.81	





Construction Management Engineering Architecture
Land Surveying Materials Testing

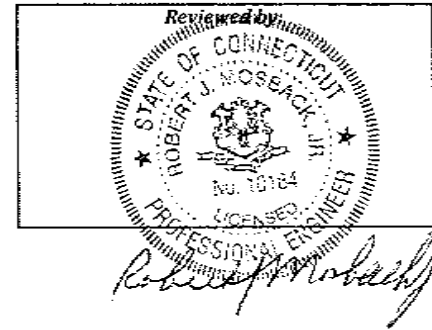
36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
Formerly Laboratory Testing Services, LLC

Client: York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

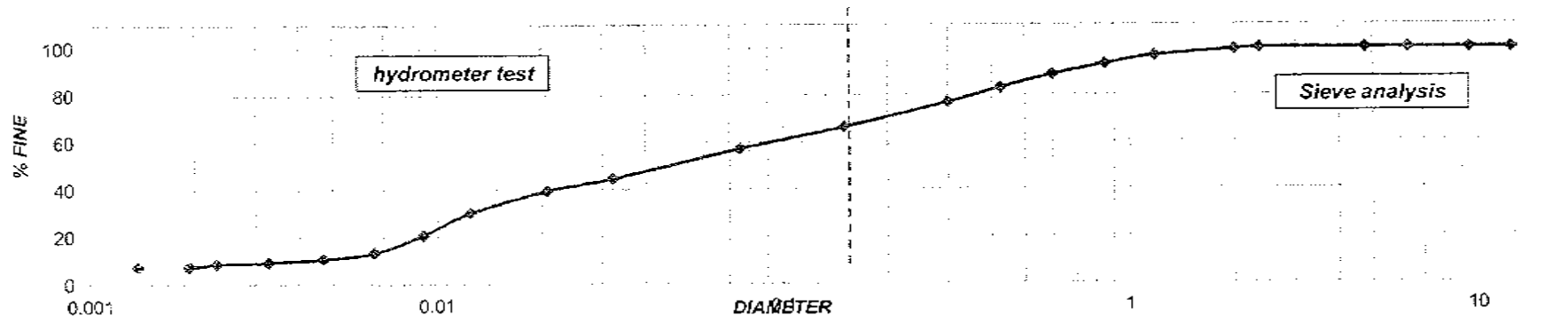
Project: 2010-31-007A01
Date: 05/13/14
Report: 062-14 (HY) 007YRKA, Samp 14D0893-06, 050614
Sample: 062-14 (14D0893-06)

Project: SD140F81800FS
Location:

Lab Receipt Date: 05/06/14
Lab Tech: G. Lopez



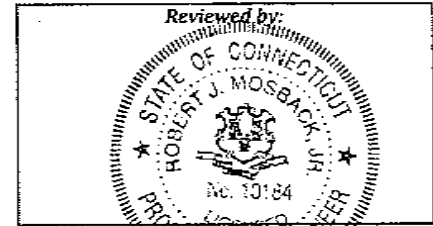
ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)													SIEVE ANALYSIS ASTM DESIGNATION C136 AASHTO DESIGNATION T 27-881		
Hydrometer Used:		152 H		Dispersing Agent:		Sodium Hexametaphosphate		Quantity:		40 gr					
Soil Weight:		58.97		a =		1.010									
Zero Correction:		6.0		Meniscus Correction:		0.5									
Date	Time Reading	Time Transcurring, Min	Temp °C	Real Reading Hydrometer, R _o	Correction for Temp C _r	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table 2	L / t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
													IN / NO.	Retained	Total Sample
Starting Test															
5/13/14	7:03														
	7:05	0:02:00	20.8	32.0	0.16	26.16	44.518	32.5	11.00	5.500	0.01372	0.0322	2.00"	0.00	100.00
	7:08	0:05:00	20.8	29.0	0.16	23.16	39.413	29.5	11.45	2.290	0.01372	0.0208	1"	0.00	100.00
	7:18	0:15:00	20.8	23.5	0.16	17.66	30.053	24.0	12.40	0.827	0.01372	0.0125	3/4"	0.00	100.00
	7:33	0:30:00	20.8	18.0	0.16	12.16	20.694	18.5	13.25	0.442	0.01372	0.0091	1/2"	0.00	100.00
	8:03	1:00:00	21.3	13.5	0.26	7.76	13.206	14.0	14.00	0.233	0.01365	0.0066	3/8"	0.00	100.00
	9:03	2:00:00	21.3	12.0	0.26	6.26	10.653	12.5	14.25	0.119	0.01365	0.0047	1/4"	0.00	100.00
	11:10	4:07:00	22.2	11.0	0.44	5.44	9.258	11.5	14.40	0.058	0.0135	0.0033	#4	0.00	100.00
	15:00	7:57:00	24.0	10.0	1.00	5.00	8.509	10.5	14.60	0.031	0.01321	0.0023	#8	0.00	100.00
	18:14	12:11:00	25.1	9.0	1.30	4.30	7.318	9.5	14.75	0.022	0.01304	0.0019	#10	0.00	99.36
5/14/14	7:03	24:00:00	21.4	10.0	0.28	4.28	7.284	10.5	14.60	0.010	0.01363	0.0014	#16	1.56	96.73
													#20	3.64	93.23
													#30	6.33	88.69
													#40	9.66	83.08
													#50	13.28	76.98
													#100	19.63	66.28
													#200	25.10	57.07
													PAN	58.97	





Construction Management Engineering Architecture
Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
Formerly Laboratory Testing Services, LLC



Robert J. Mosback
PROFESSIONAL ENGINEER

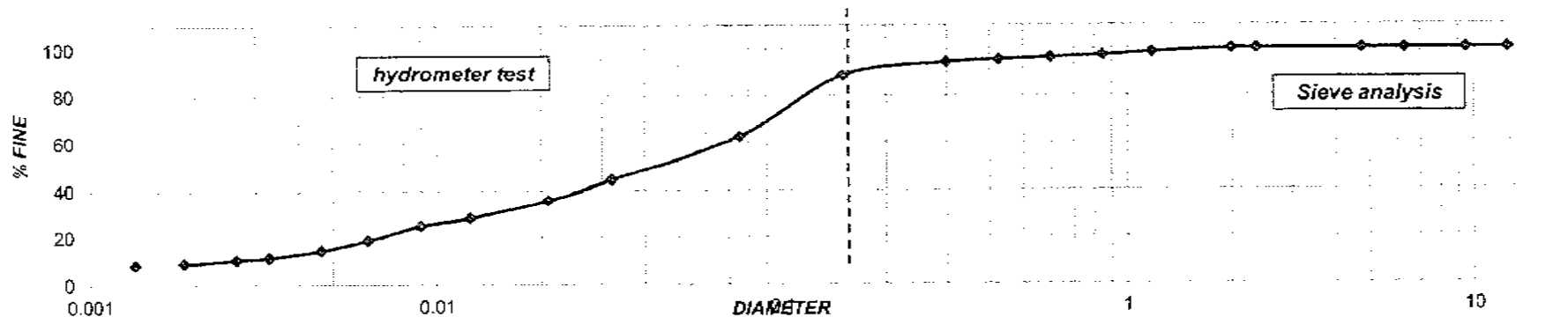
Client: York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Project: 2010-31-007A01
Date: 05/14/14
Report: 063-14 (HY) 007YRKA, Samp 14D0893-07, 050614
Sample: 063-14 (14D0893-07)

Project: SD14TFB700FS
Location:

Lab Receipt Date: 05/06/14
Lab Tech: G. Lopez

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)													SIEVE ANALYSIS ASTM DESIGNATION C136 AASHTO DESIGNATION T 27-881			
Hydrometer Used:		152 H		Dispersing Agent:		Sodium Hexametaphosphate		Quantity:		40 gr			Sieve Size	Weight	% Passing	
Soil Weight:		59.27		a =		1.010					IN / NO.	Retained				Total Sample
Zero Correction:		6.0		Meniscus Correction:		0.5										
Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, R _a	Correction for Temp C _T	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Tble 2	L / t			K of the Table 1	D		
Starting Test																
5/14/14	8:14															
	8:16	0:02:00	20.1	32.0	0.02	26.02	44.340	32.5	11.00	5.500	0.01363	0.0320	2.00"	0.00	100.00	
	8:19	0:05:00	20.1	27.0	0.02	21.02	35.819	27.5	11.80	2.360	0.01363	0.0209	1"	0.00	100.00	
	8:29	0:15:00	20.1	22.5	0.02	16.52	28.151	23.0	12.50	0.833	0.01363	0.0124	3/4"	0.00	100.00	
	8:44	0:30:00	20.0	20.5	0.00	14.50	24.709	21.0	12.90	0.430	0.01365	0.0090	1/2"	0.00	100.00	
	9:17	1:03:00	20.0	17.0	0.00	11.00	18.745	17.5	13.40	0.213	0.01365	0.0063	3/8"	0.00	100.00	
	10:14	2:00:30	20.1	14.5	0.02	8.52	14.519	15.0	13.80	0.115	0.01363	0.0046	1/4"	0.00	100.00	
	12:14	4:00:30	21.1	12.5	0.22	6.72	11.451	13.0	14.20	0.059	0.01346	0.0033	#4	0.00	100.00	
	14:14	6:00:00	22.8	11.5	0.64	6.14	10.463	12.0	14.30	0.040	0.0132	0.0026	#8	0.00	100.00	
	20:14	12:00:00	23.1	10.5	0.73	5.23	8.912	11.0	14.50	0.020	0.01315	0.0019	#10	0.00	100.00	
5/15/14	8:14	24:00:00	21.8	10.5	0.36	4.86	8.282	11.0	14.60	0.010	0.01335	0.0013	#16	0.90	98.48	
													#20	1.61	97.28	
													#30	2.19	96.31	
													#40	2.75	95.36	
													#50	3.43	94.21	
													#100	6.80	88.53	
													#200	22.10	62.71	
													PAN	59.27		





Construction Management Engineering Architecture
Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
Formerly Laboratory Testing Services, LLC

Reviewed by:



Robert J. Mosback

Client: York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Project: 2010-31-0007A01
Date: 05/14/14
Report: 064-14 (HY) 007YRKA, Samp 14D0893-08, 050614
Sample: 064-14 (14D0893-08)

Project: SD14TFA700FS
Location:

Lab Receipt Date: 05/06/14
Lab Tech: G. Lopez

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

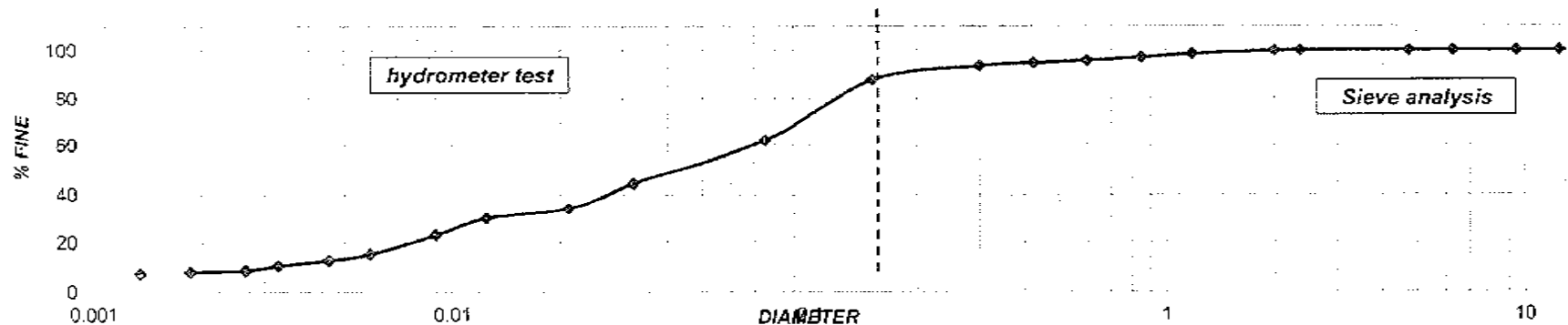
Hydrometer Used: 152 H
Soil Weight: 59.16
Zero Correction: 6.0

Dispersing Agent: Sodium Hexametaphosphate
a = 1.010
Meniscus Correction: 0.5

Quantity: 40 gr

SIEVE ANALYSIS
ASTM DESIGNATION C136
AASHTO DESIGNATION
T 27-881

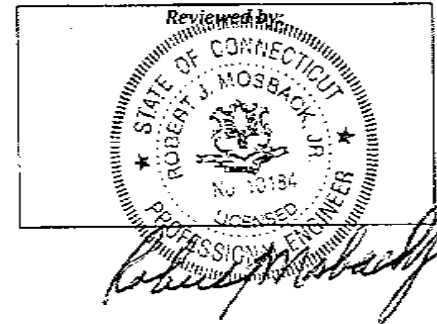
Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, R _a	Correction for Temp C _r	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table 2	L / t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													In / No.	Retained	Total Sample
5/14/14	8:36												2.00"	0.00	100.00
	8:38	0:02:00	20.0	32.0	0.00	26.00	44.295	32.5	11.00	5.500	0.01365	0.0320	1"	0.00	100.00
	8:41	0:05:00	20.0	26.0	0.00	20.00	34.073	26.5	11.95	2.390	0.01365	0.0211	3/4"	0.00	100.00
	8:51	0:15:00	20.0	23.5	0.00	17.50	29.814	24.0	12.40	0.827	0.01365	0.0124	1/2"	0.00	100.00
	9:06	0:30:00	20.0	19.5	0.00	13.50	22.999	20.0	13.00	0.433	0.01365	0.0090	3/8"	0.00	100.00
	9:50	1:14:00	20.0	15.0	0.00	9.00	15.333	15.5	13.75	0.186	0.01365	0.0059	1/4"	0.00	100.00
	10:43	2:07:00	20.2	13.5	0.04	7.54	12.846	14.0	14.00	0.110	0.01362	0.0045	#4	0.00	100.00
	12:36	4:00:00	21.4	12.0	0.28	6.28	10.699	12.5	14.25	0.059	0.01342	0.0033	#8	0.00	100.00
	14:36	6:00:00	22.9	10.5	0.67	5.17	8.808	11.0	14.50	0.040	0.01319	0.0026	#10	0.00	99.79
	20:36	12:00:00	23.2	10.0	0.76	4.76	8.109	10.5	14.60	0.020	0.01314	0.0019	#16	0.76	98.51
5/15/14	8:36	24:00:00	21.8	10.0	0.36	4.36	7.428	10.5	14.60	0.010	0.01335	0.0013	#20	1.64	97.02
													#30	2.38	95.78
													#40	3.00	94.73
													#50	3.72	93.52
													#100	7.20	87.65
													#200	22.20	62.34
													PAN	59.16	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC

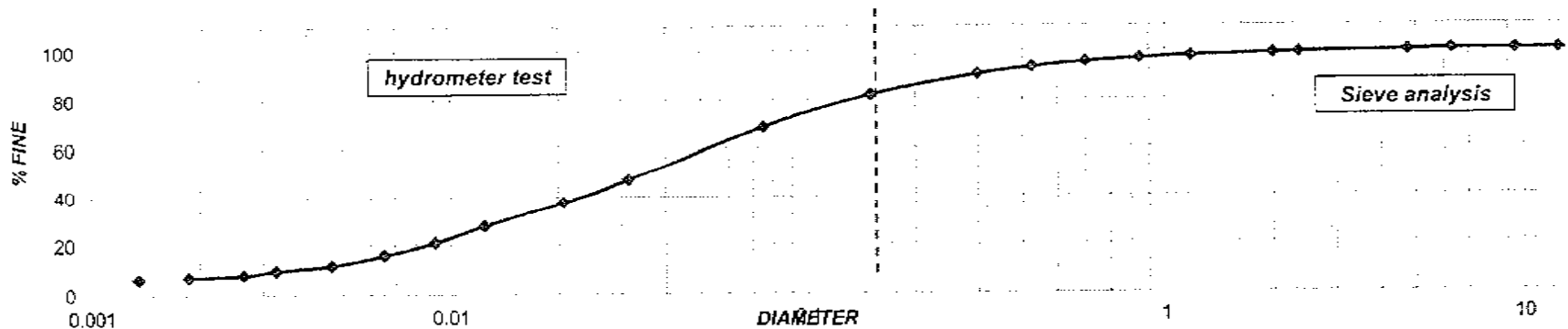


Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 05/14/14
 Report: 065-14 (HY) 007YRKA, Samp SD14TFE100FS, 050614
 Sample: 065-14 (14D0945)
 Lab Receipt Date: 05/06/14
 Lab Tech: G. Lopez

Project: SD14TFE100FS
 Location:

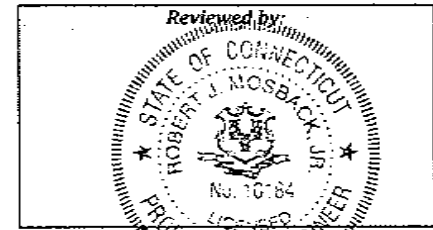
ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)													SIEVE ANALYSIS ASTM DESIGNATION C136 AASHTO DESIGNATION T 27-881		
Hydrometer Used:		152 H		Dispersing Agent:		Sodium Hexametaphosphate		Quantity:		40 gr			Sieve Size	Weight	% Passing
Soil Weight:		59.56		a =		1.010									
Zero Correction:		6.0		Meniscus Correction:		0.5									
Date	Time Reading	Time Transcurring, Min	Temp °C	Real Reading Hydrometer, R _a	Correction for Temp C _T	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table 2	L / t	K of the Table 1	D mm	IN / NO.	Retained	Total Sample
Starting Test															
5/14/14	8:43														
	8:51	0:02:00	20.2	34.0	0.04	28.04	46.855	34.5	10.65	5.325	0.01362	0.0314	2.00"	0.00	100.00
	8:54	0:05:00	20.2	28.5	0.04	22.54	37.665	29.0	11.50	2.300	0.01362	0.0207	1"	0.00	100.00
	9:04	0:15:00	20.2	22.5	0.04	16.54	27.639	23.0	12.50	0.833	0.01362	0.0124	3/4"	0.00	100.00
	9:19	0:30:00	20.1	18.5	0.02	12.52	20.921	19.0	13.20	0.440	0.01364	0.0090	1/2"	0.00	100.00
	9:49	1:00:00	20.1	15.5	0.02	9.52	15.908	16.0	13.70	0.228	0.01364	0.0065	3/8"	0.00	100.00
	10:49	2:00:00	20.3	13.0	0.06	7.06	11.797	13.5	14.10	0.118	0.01357	0.0047	1/4"	0.00	100.00
	12:49	4:00:00	21.8	11.5	0.36	5.86	9.792	12.0	14.30	0.060	0.01336	0.0033	#4	0.00	99.58
	14:49	6:00:00	23.3	10.0	0.79	4.79	8.004	10.5	14.60	0.041	0.01312	0.0026	#8	0.00	98.83
	20:49	12:00:00	23.2	9.5	0.76	4.26	7.119	10.0	14.70	0.020	0.01314	0.0019	#10	0.00	98.54
5/15/14	8:45	24:00:00	21.8	9.5	0.36	3.86	6.450	10.0	14.70	0.010	0.01335	0.0013	#16	0.58	97.58
													#20	1.20	96.35
													#30	2.04	95.16
													#40	3.30	93.08
													#50	5.09	90.12
													#100	10.01	81.98
													#200	18.00	68.76
													PAN	59.56	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC



Robert J. Mosback, Jr.

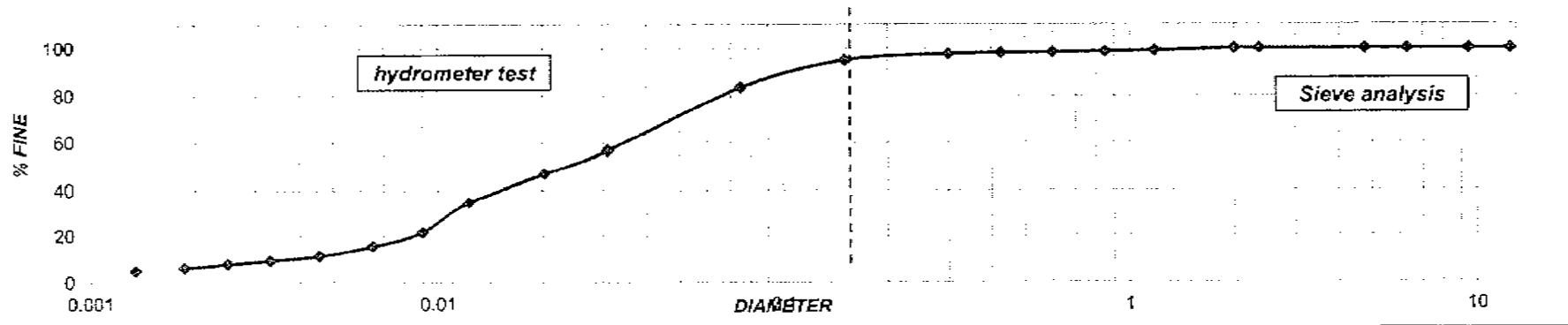
Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 05/15/14
 Report: 066-14 (HY) 007YRKA, Samp SD14TFB200FS, 050614
 Sample: 066-14 (14D0945)

Project: SD14TFB200FS
 Location:

Lab Receipt Date: 05/06/14
 Lab Tech: G. Lopez

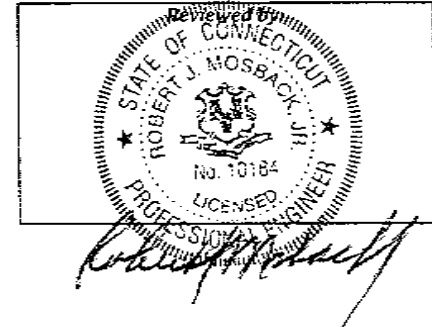
ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)													SIEVE ANALYSIS ASTM DESIGNATION C136 AASHTO DESIGNATION T 27-881		
Hydrometer Used: 152 H			Dispersing Agent: Sodium Hexametaphosphate			Quantity: 40 gr									
Soil Weight: 50.08			a = 1.010												
Zero Correction: 6.0			Meniscus Correction: 0.5												
Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp C _T	Correction Reading of Hydrometer, Rc	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Tble 2	L / t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
5/15/14	7:05														
	7:07	0:02:00	21.4	34.0	0.28	28.28	57.034	34.5	10.65	5.325	0.01342	0.0310	2.00"	0.00	100.00
	7:10	0:05:00	21.4	29.0	0.28	23.28	46.950	29.5	11.45	2.290	0.01342	0.0203	1"	0.00	100.00
	7:20	0:15:00	21.4	23.0	0.28	17.28	34.850	23.5	12.50	0.833	0.01342	0.0123	3/4"	0.00	100.00
	7:35	0:30:00	21.4	16.5	0.28	10.78	21.741	17.0	13.50	0.450	0.01342	0.0090	1/2"	0.00	100.00
	8:05	1:00:00	21.4	13.5	0.28	7.78	15.690	14.0	14.00	0.233	0.01342	0.0065	3/8"	0.00	100.00
	9:09	2:04:00	21.6	11.5	0.32	5.82	11.738	12.0	14.30	0.115	0.01338	0.0045	1/4"	0.00	100.00
	11:05	4:00:00	21.8	10.5	0.36	4.86	9.802	11.0	14.50	0.060	0.01336	0.0033	#4	0.00	100.00
	14:05	7:00:00	22.6	9.5	0.58	4.08	8.228	10.0	14.70	0.035	0.01323	0.0025	#8	0.00	100.00
	19:05	12:00:00	23.1	8.5	0.73	3.23	6.514	9.0	14.80	0.020	0.01315	0.0019	#10	0.00	100.00
5/16/14	7:05	24:00:00	22.6	8.0	0.58	2.58	5.203	8.5	14.90	0.010	0.01323	0.0013	#16	0.51	98.98
													#20	0.68	98.64
													#30	0.80	98.40
													#40	0.96	98.08
													#50	1.18	97.64
													#100	2.49	95.03
													#200	8.28	83.47
													PAN	50.08	





Construction Management Engineering Architecture
Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
Formerly Laboratory Testing Services, LLC



Client: York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Project: 2010-31-007A01
Date: 05/15/14
Report: 067-14 (HY) 007YRKA, Samp SD14TFA300FS, 050614
Sample: 067-14 (14D0945)
Lab Receipt Date: 05/06/14
Lab Tech: G. Lopez

Project: SD14TFA300FS
Location:

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

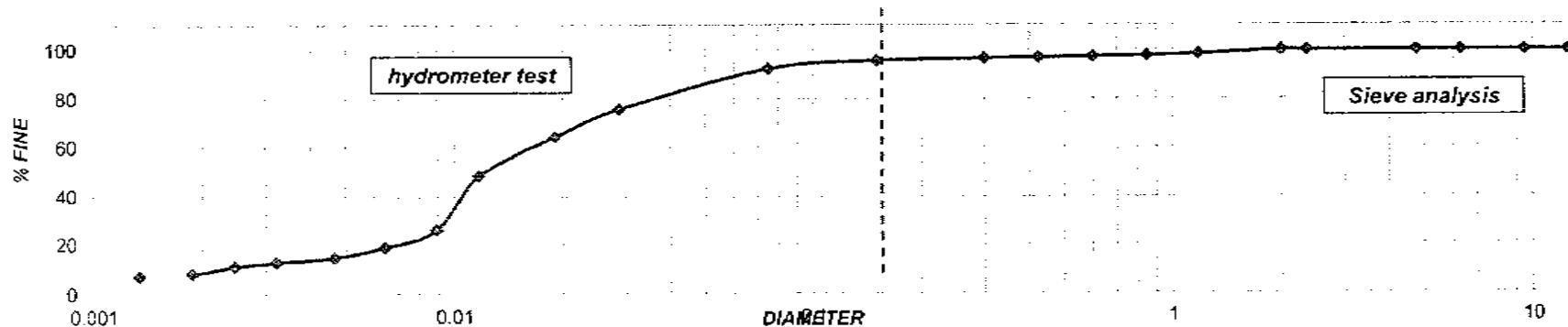
Hydrometer Used: 152 H
Soil Weight: 49.73
Zero Correction: 6.0

Dispersing Agent: Sodium Hexametaphosphate
a = 1.010
Meniscus Correction: 0.5

Quantity: 40 gr

SIEVE ANALYSIS
ASTM DESIGNATION C136
AASHTO DESIGNATION
T 27-881

Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, R _o	Correction for Temp, C ₁	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Tble 2	L/t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
5/15/14	7:18												2.00"	0.00	100.00
	7:20	0:02:00	21.4	43.0	0.28	37.28	75.714	43.5	9.15	4.575	0.01342	0.0287	1"	0.00	100.00
	7:23	0:05:00	21.4	37.5	0.28	31.78	64.544	38.0	10.10	2.020	0.01342	0.0191	3/4"	0.00	100.00
	7:33	0:15:00	21.4	29.5	0.28	23.78	48.296	30.0	11.40	0.760	0.01342	0.0117	1/2"	0.00	100.00
	7:48	0:30:00	21.3	18.5	0.26	12.76	25.915	19.0	13.20	0.440	0.01344	0.0089	3/8"	0.00	100.00
	8:18	1:00:00	21.5	15.0	0.30	9.30	18.888	15.5	13.75	0.229	0.0134	0.0064	1/4"	0.00	100.00
	9:18	2:00:00	21.5	13.0	0.30	7.30	14.826	13.5	14.40	0.120	0.0134	0.0046	#4	0.00	100.00
	11:25	4:07:00	21.8	12.0	0.36	6.36	12.917	12.5	14.25	0.058	0.01335	0.0032	#8	0.00	100.00
	14:18	7:00:00	22.4	11.0	0.52	5.52	11.211	11.5	14.40	0.034	0.01326	0.0025	#10	0.00	100.00
	19:18	12:00:00	22.7	9.5	0.61	4.11	8.347	10.0	14.70	0.020	0.01322	0.0019	#16	0.00	100.00
5/16/14	7:18	24:00:00	22.7	9.0	0.61	3.61	7.332	9.5	14.75	0.010	0.01322	0.0013	#20	0.81	98.37
													#30	1.15	97.69
													#40	1.36	97.27
													#50	1.52	96.94
													#100	1.69	96.60
													#200	2.15	95.68
													PAN	3.79	92.38
														49.73	





Construction Management Engineering Architecture
Land Surveying Materials Testing

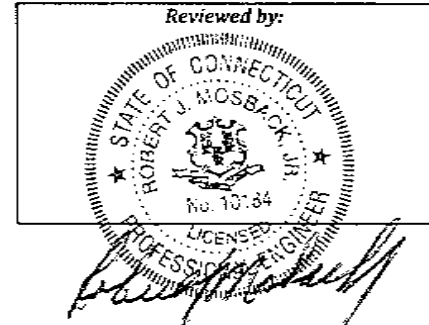
36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
Formerly Laboratory Testing Services, LLC

Client: York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Project: 2010-31-007A01
Date: 05/15/14
Report: 068-14 (HY) 007YRKA, Samp SD14TFA6700FS, 050614
Sample: 068-14 (14D0945)

Project: SD14TFA6700FS
Location:

Lab Receipt Date: 05/06/14
Lab Tech: G. Lopez

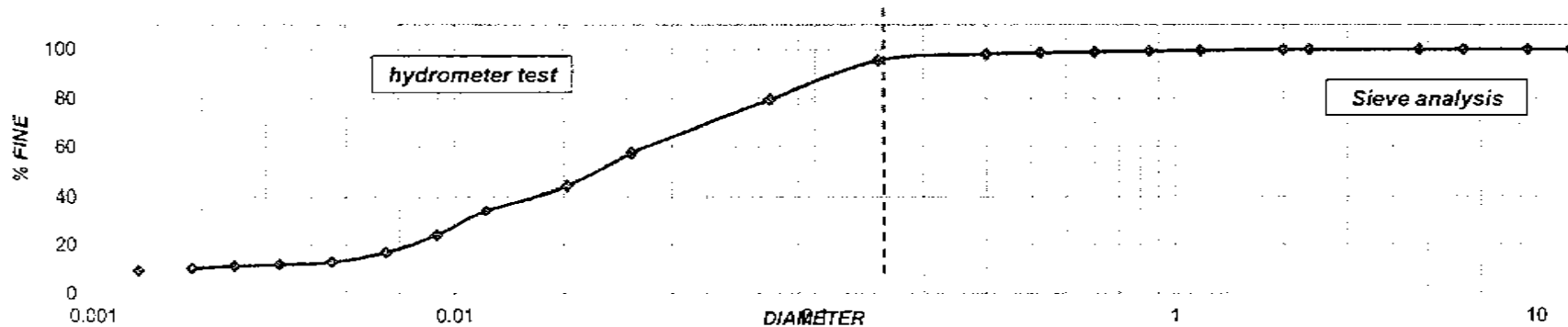


ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

Hydrometer Used: 152 H Dispersing Agent: Sodium Hexametaphosphate Quantity: 40 gr
Soil Weight: 49.73 a = 1.010
Zero Correction: 6.0 Meniscus Correction: 0.5

SIEVE ANALYSIS
ASTM DESIGNATION C136
AASHTO DESIGNATION
T 27-881

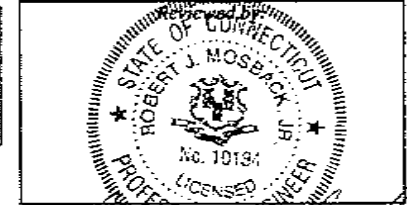
Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, R _a	Correction for Temp C _T	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table 2	L / t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
5/15/14	7:31												2.00"	0.00	100.00
	7:33	0:02:00	21.7	34.0	0.34	28.34	57.558	34.5	10.65	5.325	0.01337	0.0309	1"	0.00	100.00
	7:36	0:05:00	21.7	27.5	0.34	21.84	44.356	28.0	31.70	2.340	0.01337	0.0205	3/4"	0.00	100.00
	7:46	0:15:00	21.7	22.5	0.34	16.84	34.201	23.0	12.50	0.833	0.01337	0.0122	1/2"	0.00	100.00
	8:01	0:30:00	21.7	17.5	0.34	11.84	24.047	18.0	13.30	0.443	0.01337	0.0089	3/8"	0.00	100.00
	8:31	1:00:00	21.7	14.0	0.34	8.34	16.938	14.5	13.90	0.232	0.01337	0.0064	1/4"	0.00	100.00
	9:34	2:03:00	21.8	12.0	0.36	6.36	12.917	12.5	14.25	0.116	0.01335	0.0045	#4	0.00	100.00
	11:31	4:00:00	21.8	11.5	0.36	5.86	11.901	12.0	14.30	0.060	0.01335	0.0033	#8	0.00	100.00
	14:31	7:00:00	22.6	11.0	0.58	5.58	11.333	11.5	14.40	0.034	0.01323	0.0024	#10	0.00	100.00
	19:31	12:00:00	22.6	10.5	0.58	5.08	10.317	11.0	14.50	0.020	0.01323	0.0019	#16	0.23	99.54
5/16/14	7:31	24:00:00	22.7	10.0	0.61	4.61	9.363	10.5	14.60	0.010	0.01321	0.0013	#20	0.37	99.26
													#30	0.53	98.93
													#40	0.69	98.61
													#50	0.98	98.03
													#100	2.24	95.50
													#200	10.13	79.63
													PAN	49.73	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC



Robert J. Mosback

Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01

Date: 05/19/14

Report: 069-14 (BY) 007YRKA, Samp SD14TFB400FS, 050614

Sample: 069-14 (14D9945)

Lab Receipt Date: 05/06/14

Lab Tech: G. Lopez

Project: SD14TFB400FS

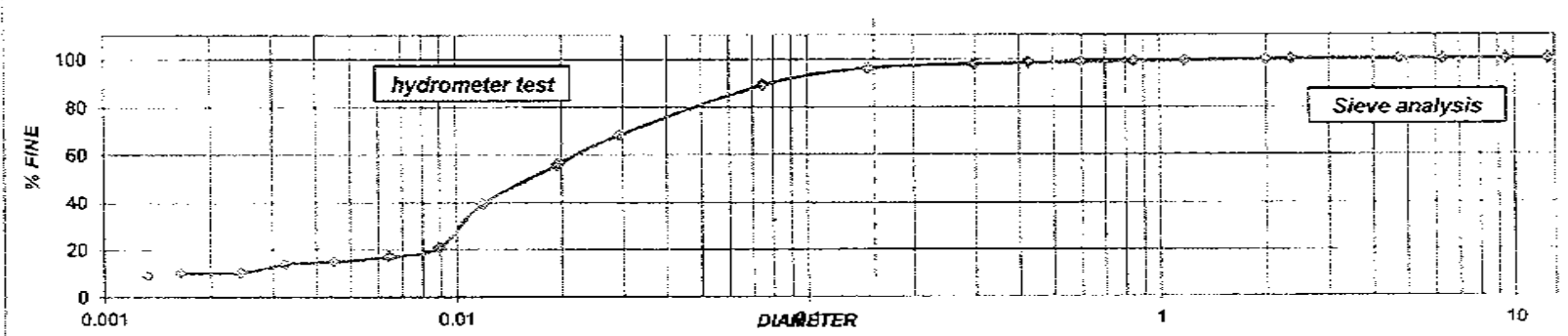
Location:

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

Hydrometer Used: 152 II Dispersing Agent: Sodium Hexametaphosphate Quantity: 40 gr
 Soil Weight: 48.97 a = 1.010
 Zero Correction: 8.0 Meniscus Correction: 0.5

SIEVE ANALYSIS
 ASTM DESIGNATION C136
 AASHTO DESIGNATION
 T 27-881

Date	Time Reading	Time Transcurring, Min	Temp °C	Real Reading Hydrometer, R _a	Correction for Temp C _T	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table 2	L / 1	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
5/19/14	6:51														
	6:53	0:02:00	21.1	41.0	0.22	33.22	68.379	41.5	9.50	4.750	0.01346	0.0293	2.00"	0.00	100.00
	6:56	0:05:00	21.1	35.0	0.22	27.22	56.029	35.5	10.50	2.100	0.01346	0.0195	3"	0.00	100.00
	7:06	0:15:00	21.1	27.0	0.22	19.22	39.562	27.5	11.80	0.787	0.01346	0.0119	3/4"	0.00	100.00
	7:21	0:30:00	21.1	18.0	0.22	10.22	21.036	18.5	13.25	0.442	0.01346	0.0089	1/2"	0.00	100.00
	7:51	1:00:00	20.7	16.0	0.34	8.34	17.167	16.5	13.60	0.227	0.01353	0.0064	3/8"	0.00	100.00
	8:57	2:06:00	20.4	15.0	0.28	7.28	14.985	15.5	13.75	0.109	0.01361	0.0045	1/4"	0.00	100.00
	10:51	4:00:00	20.4	14.5	0.28	6.78	13.956	15.0	13.80	0.058	0.01361	0.0033	#4	0.00	100.00
	13:51	7:00:00	22.3	12.5	0.49	4.99	10.271	13.0	14.20	0.034	0.01328	0.0024	#8	0.00	100.00
	20:56	14:05:00	23.7	12.0	0.91	4.91	10.107	12.5	14.25	0.016	0.01306	0.0017	#10	0.00	99.80
5/20/14	6:51	24:00:00	21.6	12.0	0.32	4.32	8.892	12.5	14.25	0.010	0.01338	0.0013	#16	0.18	99.43
													#20	0.32	99.15
													#30	0.50	98.78
													#40	0.65	98.48
													#50	0.89	97.99
													#100	1.65	96.44
													#200	5.09	89.43
													PAN	48.97	





Construction Management Engineering Architecture
Land Surveying Materials Testing

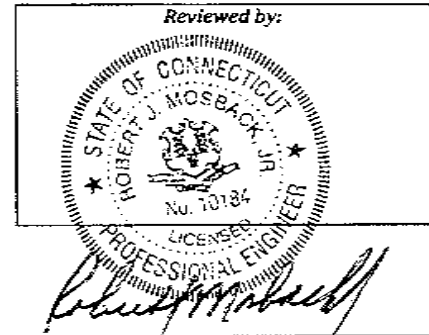
36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
Formerly Laboratory Testing Services, LLC

Client: York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Project: 2010-31-007A01
Date: 05/19/14
Report: 070-14 (HY) 007YRKA, Samp SD14TFA400FS, 050614
Sample: 070-14 (14D0945)

Project: SD14TFA400FS
Location:

Lab Receipt Date: 05/06/14
Lab Tech: G. Lopez

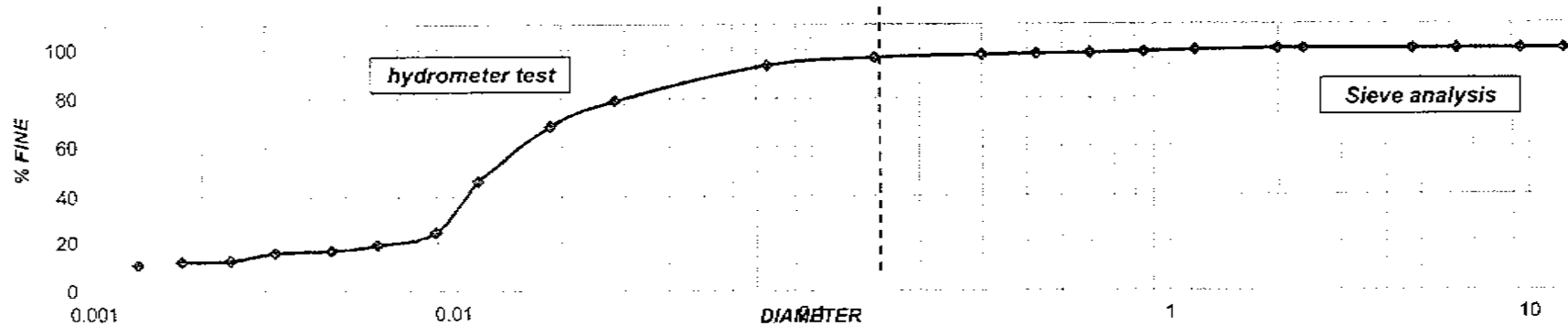


ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

Hydrometer Used: 152 H Dispersing Agent: Sodium Hexametaphosphate Quantity: 40 gr
Soil Weight: 48.86 a = 1.010
Zero Correction: 8.0 Meniscus Correction: 0.5

SIEVE ANALYSIS
ASTM DESIGNATION C136
AASHTO DESIGNATION
T 27-881

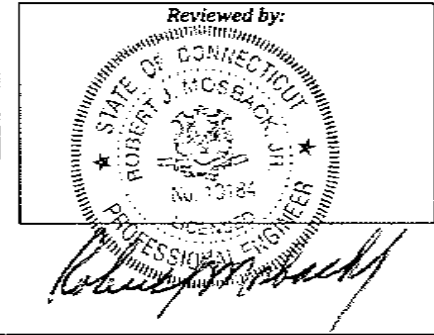
Date	Time Reading	Time Transferring, Min	Temp °C	Real Reading Hydrometer, R _a	Correction for Temp C _T	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table 2	L/c	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
5/19/14	7:11												2.00"	0.00	100.00
	7:13	0:02:00	20.9	46.0	0.18	38.18	78.923	46.5	8.70	4.350	0.0135	0.0282	1"	0.00	100.00
	7:16	0:05:00	20.9	41.0	0.18	33.18	68.587	41.5	9.50	1.900	0.0135	0.0186	3/4"	0.00	100.00
	7:26	0:15:00	20.9	30.0	0.18	22.18	45.849	30.5	11.30	0.753	0.0135	0.0117	1/2"	0.00	100.00
	7:41	0:30:00	20.8	19.5	0.16	11.66	24.103	20.0	13.00	0.433	0.01352	0.0089	3/8"	0.00	100.00
	8:16	1:05:00	20.6	17.0	0.12	9.12	18.852	17.5	13.40	0.206	0.01353	0.0061	1/4"	0.00	100.00
	9:11	2:00:00	20.3	16.0	0.06	8.06	16.661	16.5	13.60	0.113	0.01361	0.0046	#4	0.00	100.00
	11:18	4:07:00	20.7	15.5	0.14	7.64	15.793	16.0	13.70	0.055	0.01354	0.0032	#8	0.00	100.00
	14:18	7:07:00	22.7	13.5	0.61	6.11	12.630	14.0	14.00	0.033	0.01321	0.0024	#10	0.00	100.00
	20:17	13:06:00	23.7	13.0	0.91	5.91	12.217	13.5	14.10	0.018	0.01306	0.0018	#16	0.25	99.49
5/20/14	7:11	24:00:00	21.6	13.0	0.32	5.32	10.997	13.5	14.10	0.010	0.01338	0.0013	#20	0.52	98.94
													#30	0.76	98.44
													#40	0.95	98.06
													#50	1.13	97.69
													#100	1.63	96.66
													#200	3.21	93.43
													PAN	48.86	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC



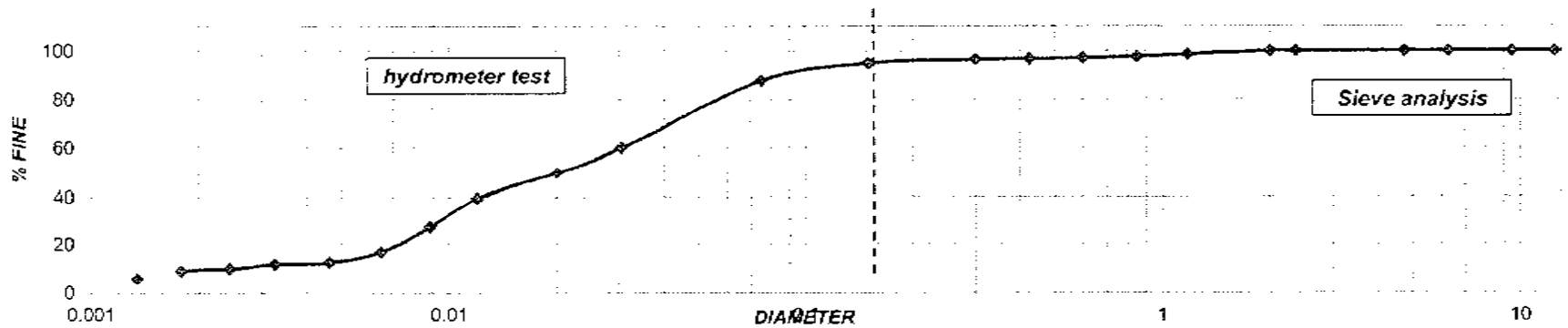
Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 05/19/14
 Report: 071-14 (HY) 007YRKA, Samp SD14TFA500FS, 050614
 Sample: 071-14 (14D1010)

Project: SD14TFA500FS
 Location:

Lab Receipt Date: 05/06/14
 Lab Tech: G. Lopez

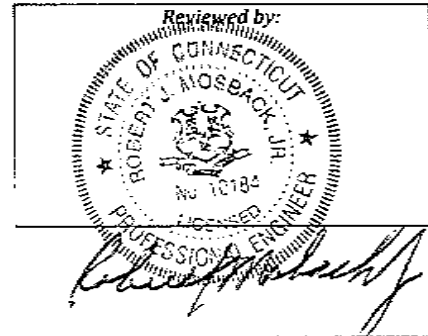
ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)													SIEVE ANALYSIS ASTM DESIGNATION C136 AASHTO DESIGNATION T 27-881		
Hydrometer Used: 152 H		Dispersing Agent: Sodium Hexametaphosphate		Quantity: 40 gr											
Soil Weight: 49.14		a = 1.010													
Zero Correction: 8.0		Meniscus Correction: 0.5													
Date	Time Reading	Time Transcurring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp C _r	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table 2	L / t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IS / NO.	Retained	Total Sample
5/19/14	7:31														
	7:33	0:02:00	20.9	37.0	0.18	29.18	59.975	37.5	10.15	5.075	0.0135	0.0304	2.00"	0.00	100.00
	7:36	0:05:00	20.9	32.0	0.18	24.18	49.698	32.5	11.00	2.200	0.0135	0.0200	1"	0.00	100.00
	7:46	0:15:00	20.9	27.0	0.18	19.18	39.422	27.5	11.80	0.787	0.0135	0.0120	3/4"	0.00	100.00
	8:01	0:30:00	20.6	21.0	0.12	13.12	26.966	21.5	12.80	0.427	0.01353	0.0088	1/2"	0.00	100.00
	8:31	1:00:00	20.6	16.0	0.12	8.12	16.689	16.5	13.60	0.227	0.01353	0.0064	3/8"	0.00	100.00
	9:31	2:00:00	20.4	14.0	0.08	6.08	12.497	14.5	13.90	0.116	0.01361	0.0046	1/4"	0.00	100.00
	11:31	4:00:00	21.0	13.5	0.20	5.70	11.716	14.0	14.00	0.058	0.01348	0.0033	#4	0.00	100.00
	14:31	7:00:00	22.7	12.5	0.34	4.84	9.948	13.0	14.20	0.034	0.01321	0.0024	#8	0.00	100.00
	20:18	12:47:00	23.7	11.5	0.91	4.41	9.064	12.0	14.30	0.019	0.01306	0.0018	#10	0.00	100.00
5/20/14	7:31	24:00:00	21.6	10.5	0.32	2.82	5.796	11.0	14.50	0.010	0.01338	0.0013	#16	0.70	98.58
													#20	1.14	97.68
													#30	1.40	97.15
													#40	1.57	96.81
													#50	1.75	96.44
													#100	2.46	94.99
													#200	6.07	87.65
													PAN	49.14	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC



Client: York Analytical Laboratories
 129 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 05/20/14
 Report: 073-14 (HY) 007YRKA, Samp SD14TFC700FS, 050614
 Sample: 073-14 (14D1010)

Project: SD14TFC700FS
 Location:

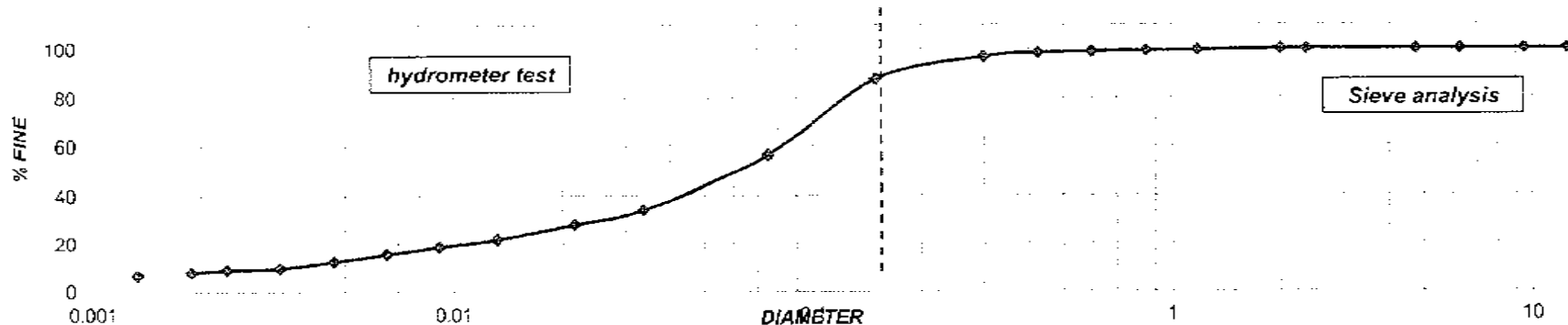
Lab Receipt Date: 05/06/14
 Lab Tech: G. Lopez

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

SIEVE ANALYSIS
 ASTM DESIGNATION C136
 AASHTO DESIGNATION
 T 27-881

Hydrometer Used: 152 H Dispersing Agent: Sodium Hexametaphosphate Quantity: 40 gr
 Soil Weight: 49.85 a = 1.010
 Zero Correction: 6.5 Meniscus Correction: 0.5

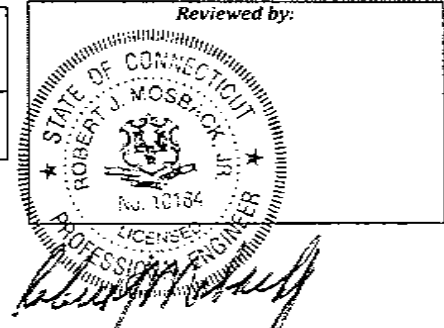
Date	Time Reading	Time Transcurring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp C ₁	Correction Reading of Hydrometer, Rc	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table 2	L/t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
5/20/14	7:45												2.00"	0.00	100.00
	7:47	0:02:00	21.0	23.0	0.20	16.70	33.836	23.5	12.45	6.225	0.01348	0.0336	1"	0.00	100.00
	7:50	0:05:00	21.0	20.0	0.20	13.70	27.757	20.5	12.95	2.590	0.01348	0.0217	3/4"	0.00	100.00
	7:59	0:14:00	21.0	17.0	0.20	10.70	21.679	17.5	13.40	0.957	0.01348	0.0132	1/2"	0.00	100.00
	8:15	0:30:00	20.9	15.5	0.18	9.18	18.599	16.0	13.70	0.457	0.0135	0.0091	3/8"	0.00	100.00
	8:45	1:00:00	20.8	14.0	0.16	7.66	15.520	14.5	13.90	0.232	0.01352	0.0065	1/4"	0.00	100.00
	9:45	2:00:00	20.7	12.5	0.14	6.14	12.440	13.0	14.20	0.118	0.01354	0.0047	#4	0.00	100.00
	11:45	4:00:00	21.3	11.0	0.26	4.76	9.644	11.5	14.40	0.060	0.01344	0.0033	#8	0.00	100.00
	15:16	7:31:00	23.7	10.0	0.91	4.41	8.935	10.5	14.60	0.032	0.01306	0.0023	#10	0.00	100.00
	19:45	12:00:00	23.6	9.5	0.88	3.88	7.861	10.0	14.70	0.020	0.01308	0.0019	#16	0.30	99.40
5/21/14	7:45	24:00:00	23.3	9.0	0.79	3.29	6.666	9.5	14.75	0.010	0.01312	0.0013	#20	0.43	99.14
													#30	0.56	98.88
													#40	0.60	98.40
													#50	1.57	96.85
													#100	6.11	87.74
													#200	21.68	56.51
													PAN	49.85	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC



Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-0007A01
 Date: 05/20/14
 Report: 074-14 (HY) 007YRKA, Samp SD14TFD700FS, 050614
 Sample: 074-14 (14D1023)

Project: SD14TFD700FS
 Location:

Lab Receipt Date: 05/06/14
 Lab Tech: G. Lopez

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

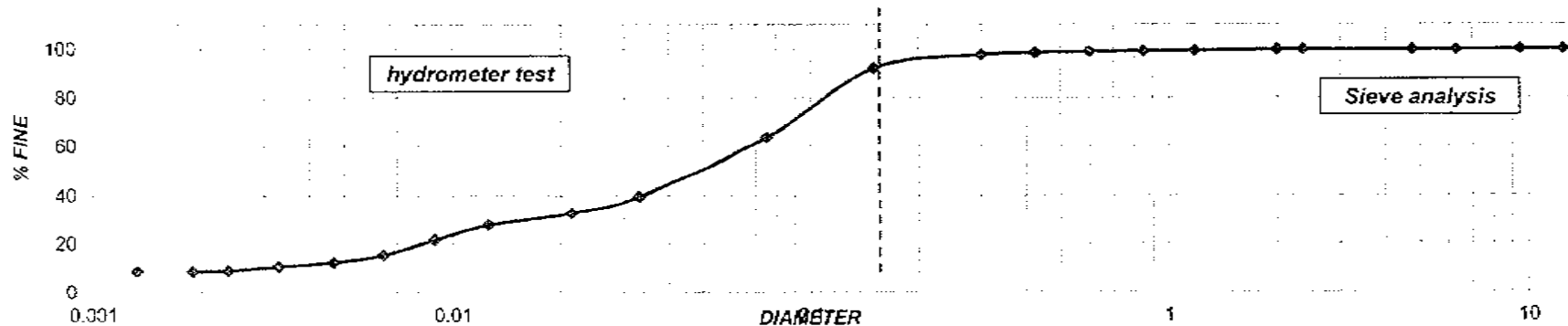
Hydrometer Used: 152 H
 Soil Weight: 50.00
 Zero Correction: 6.5

Dispersing Agent: Sodium Hexametaphosphate
 $a = 1.010$
 Meniscus Correction: 0.5

Quantity: 40 gr

SIEVE ANALYSIS
 ASTM DESIGNATION C136
 AASHTO DESIGNATION
 T 27-881

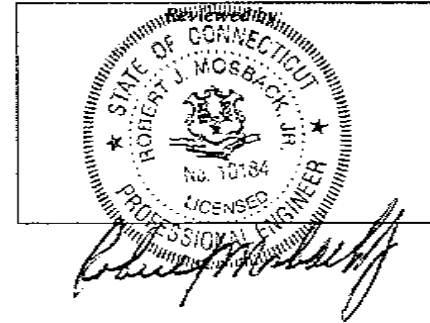
Date	Time Reading	Time Transcurring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp C _T	Correction Reading of Hydrometer, Rc	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table Z	L / l	K of the Table J	D mm	Sieve Size	Weight	% Passing
													IN / NO.	Retained	Total Sample
Starting Test															
5/20/14	7:55														
	7:57	0:02:00	20.8	26.0	0.16	19.66	39.594	25.5	11.95	5.975	0.01351	0.0330	2.00"	0.00	100.00
	8:00	0:05:00	20.8	22.5	0.16	16.16	32.545	23.0	12.50	2.500	0.01351	0.0214	"	0.00	100.00
	8:10	0:15:00	20.8	20.0	0.16	13.66	27.510	20.5	12.95	0.863	0.01351	0.0126	3/4"	0.00	100.00
	8:26	0:31:00	20.8	17.0	0.16	10.66	21.469	17.5	13.40	0.432	0.01351	0.0089	1/2"	0.00	100.00
	8:57	1:02:00	20.8	14.0	0.16	7.66	15.427	14.5	13.90	0.224	0.01351	0.0064	3/8"	0.00	100.00
	9:55	2:00:00	20.8	12.5	0.16	6.16	12.406	13.0	14.20	0.118	0.01351	0.0046	1/4"	0.00	99.80
	11:55	4:00:00	21.5	11.5	0.30	5.30	10.674	12.0	14.30	0.060	0.0134	0.0033	#4	0.00	99.76
	1:5:17	7:22:00	24.0	10.0	1.00	4.50	9.053	10.5	14.60	0.033	0.01301	0.0024	#8	0.00	99.76
	19:55	12:00:00	23.3	10.0	0.79	4.29	8.640	10.5	14.60	0.021	0.01312	0.0019	#10	0.00	99.70
5/21/14	7:55	24:00:00	23.3	10.0	0.79	4.29	8.640	10.5	14.60	0.010	0.01312	0.0013	#16	0.21	99.28
													#20	0.31	99.08
													#30	0.45	98.80
													#40	0.63	98.44
													#50	1.09	97.53
													#100	3.88	91.96
													#200	18.10	63.61
													PAN	50.00	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC

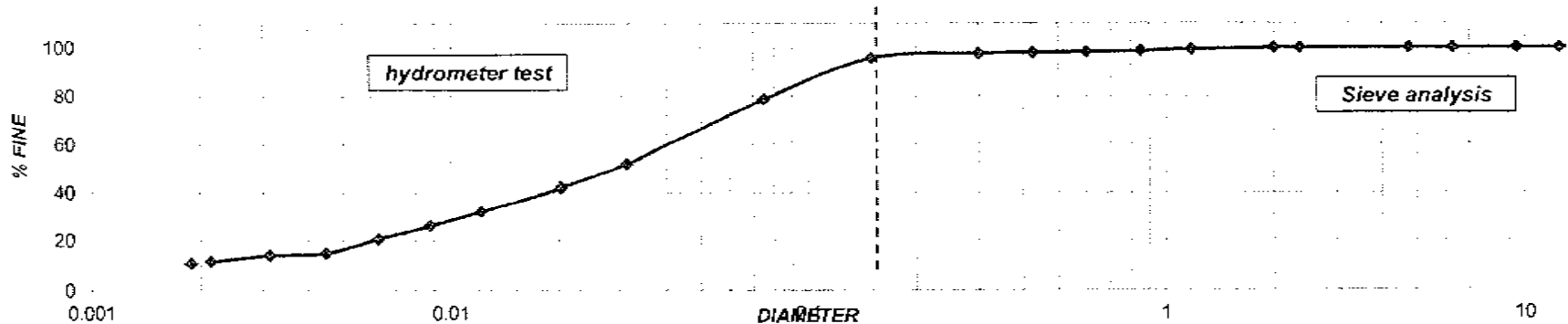


Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 05/21/14
 Report: 075-14 (HY) 007YRKA, Samp SD14TFB600FS, 050614
 Sample: 075-14 (14D1023)
 Lab Receipt Date: 05/06/14
 Lab Tech: G. Lopez

Project: SD14TFB600FS
 Location:

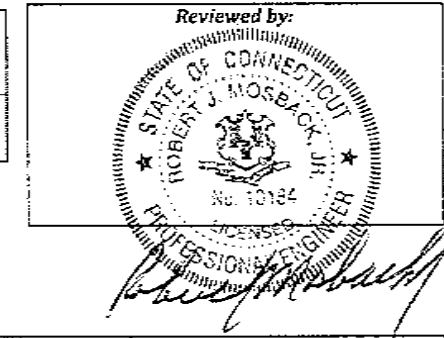
ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)													SIEVE ANALYSIS ASTM DESIGNATION C136 AASHTO DESIGNATION T 27-881		
Hydrometer Used: 152 H		Dispersing Agent: Sodium Hexametaphosphate		Quantity: 40 gr											
Soil Weight: 50.00		a = 1.010													
Zero Correction: 6.5		Meniscus Correction: 0.5													
Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp C ₁	Correction Reading of Hydrometer, Rc	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Tble 2	L / t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
5/21/14	10:19												2.00"	0.00	100.00
	10:21	0:02:00	22.6	32.0	0.32	25.82	52.156	32.5	11.00	5.500	0.01323	0.0310	1"	0.00	100.00
	10:24	0:05:00	22.6	27.0	0.32	20.82	42.056	27.5	11.80	2.360	0.01323	0.0203	3/4"	0.00	100.00
	10:34	0:15:00	22.6	22.0	0.32	15.82	31.956	22.5	12.60	0.840	0.01323	0.0121	3/8"	0.00	100.00
	10:49	0:30:00	22.6	19.0	0.32	12.82	25.896	19.5	13.10	0.437	0.01323	0.0087	1/2"	0.00	100.00
	11:19	1:00:00	23.0	16.0	0.70	10.20	20.604	16.5	13.60	0.227	0.01317	0.0063	3/8"	0.00	100.00
	12:19	2:00:00	23.6	13.0	0.88	7.38	14.908	13.5	14.10	0.118	0.01307	0.0045	1/4"	0.00	100.00
	14:19	4:00:00	25.4	12.0	1.42	6.92	13.978	12.5	14.25	0.059	0.0128	0.0031	#4	0.00	100.00
	20:01	9:42:00	27.4	10.0	2.20	5.70	11.514	10.5	14.60	0.025	0.01352	0.0021	#8	0.00	100.00
5/22/14	10:19	24:00:00	23.4	11.0	0.82	5.32	10.746	11.5	14.40	0.021	0.01311	0.0019	#10	0.00	100.00
													#16	0.39	99.22
													#20	0.64	98.72
													#30	0.82	98.36
													#40	0.99	98.02
													#50	1.19	97.62
													#100	2.16	95.68
													#200	10.68	78.64
													PAN	50.00	





Construction Management Engineering Architecture
Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
Formerly Laboratory Testing Services, LLC



Client: York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Project: 2010-31-007A01
Date: 05/21/14
Report: 076-14 (HY) 007YRKA, Samp SD14TFB500FS, 050614
Sample: 076-14 (14D1023)
Lab Receipt Date: 05/06/14
Lab Tech: G. Lopez

Project: SD14TFB500FS
Location:

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

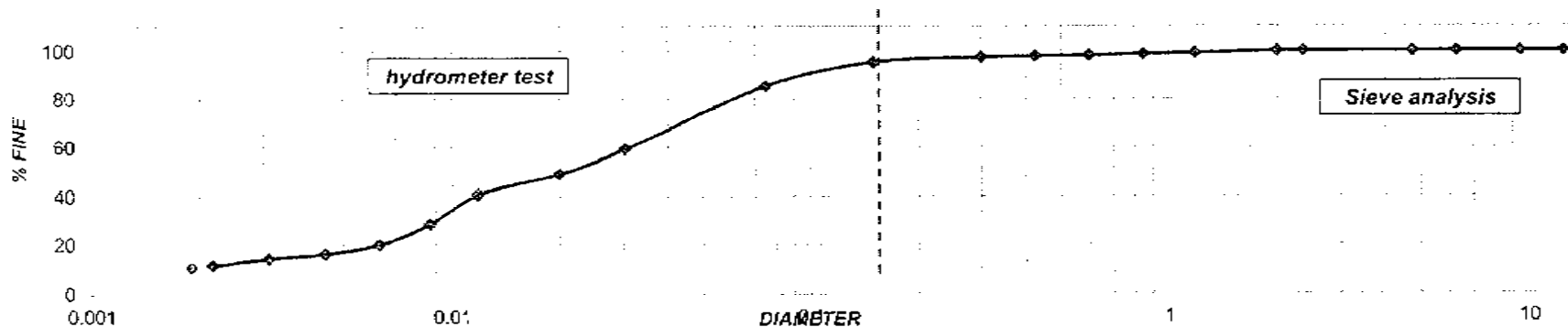
Hydrometer Used: 152 H
Soil Weight: 49.03
Zero Correction: 6.5

Dispersing Agent: Sodium Hexametaphosphate
a = 1.010
Meniscus Correction: 0.5

Quantity: 40 gr

SIEVE ANALYSIS
ASTM DESIGNATION C136
AASHTO DESIGNATION
T 27-881

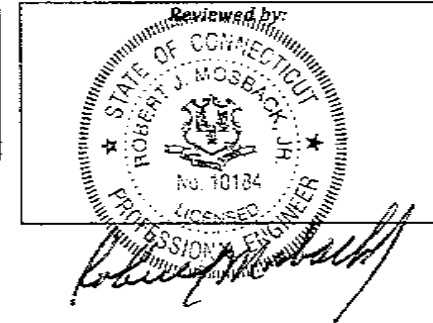
Date	Time Reading	Time Transcurring, Min	Temp °C	Real Reading Hydrometer, R _a	Correction for Temp C ₁	Correction Reading of Hydrometer, R _c	% Mare Fine	Correction Hydrometer Only Meniscus, R	L of the Tble 2	L / t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
5/21/14	10:31												2.00"	0.00	100.00
	10:33	0:02:00	22.5	35.0	0.30	28.80	59.327	35.5	10.50	5.250	0.01324	0.0303	1"	0.00	100.00
	10:36	0:05:00	22.5	30.0	0.30	23.80	49.027	30.5	11.30	2.260	0.01324	0.0199	3/4"	0.00	100.00
	10:46	0:15:00	22.5	26.0	0.30	19.80	40.787	26.5	11.95	0.797	0.01324	0.0118	1/2"	0.00	100.00
	11:01	0:33:00	22.5	20.0	0.30	13.80	28.427	20.5	12.95	0.432	0.01324	0.0087	3/8"	0.00	100.00
	11:31	1:00:00	23.1	15.5	0.73	9.73	20.043	16.0	13.70	0.228	0.01315	0.0063	1/4"	0.00	100.00
	12:32	2:01:00	23.8	13.5	0.94	7.94	16.356	14.0	14.00	0.116	0.01304	0.0044	#4	0.00	100.00
	14:33	4:02:00	25.7	12.0	1.53	7.03	14.482	12.5	14.25	0.059	0.01276	0.0031	#8	0.00	100.00
	20:02	9:31:00	27.3	10.0	2.15	5.65	11.639	10.5	14.60	0.026	0.01354	0.0022	#10	0.00	100.00
5/22/14	10:31	24:00:00	23.1	11.0	0.73	5.23	10.774	11.5	14.40	0.021	0.01315	0.0019	#16	0.43	99.12
													#20	0.67	98.63
													#30	0.88	98.21
													#40	1.07	97.82
													#50	1.34	97.27
													#100	2.29	95.33
													#200	7.16	85.40
													PAN	49.03	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC



Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 05/21/14
 Report: 077-14 (HY) 007YRKA, Samp SD14TFC600FS, 050614
 Sample: 077-14 (14D1023)

Project: SD14TFC600FS
 Location:

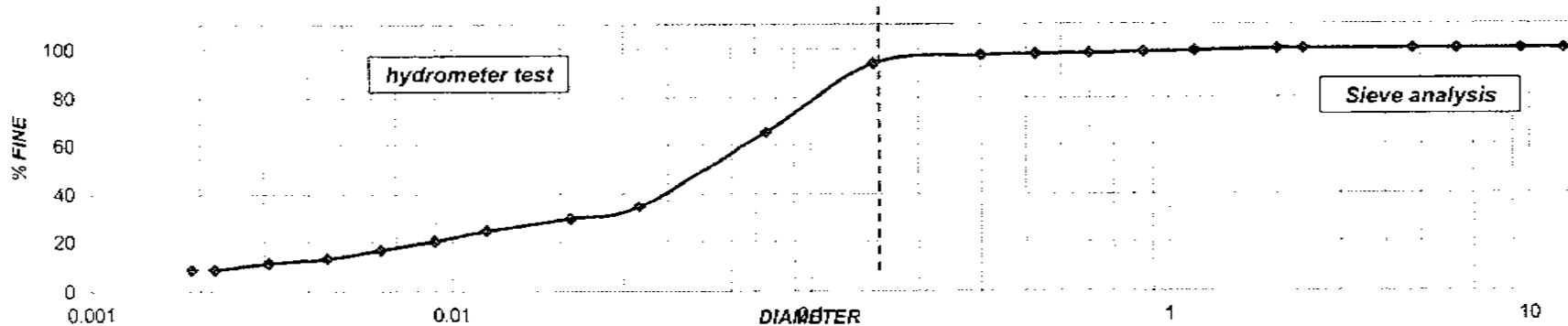
Lab Receipt Date: 05/06/14
 Lab Tech: G. Lopez

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

Hydrometer Used: 152 H Dispersing Agent: Sodium Hexametaphosphate Quantity: 40 gr
 Soil Weight: 49.70 a = 1.010
 Zero Correction: 6.5 Meniscus Correction: 0.5

SIEVE ANALYSIS
 ASTM DESIGNATION C136
 AASHTO DESIGNATION
 T 27-881

Date	Time Reading	Time Transcurring, Min	Temp °C	Real Reading Hydrometer, R _a	Correction for Temp C _r	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Tble 2	L/t	K of the Table 1	D mm	Sieve Size	Weight Retained	% Passing
Starting Test													IN / NO.	Retained	Total Sample
5/21/14	10:42												2.00"	0.00	100.00
	10:44	0:02:00	22.3	23.0	0.46	16.96	34.466	23.5	12.45	6.225	0.01328	0.0331	1"	0.00	100.00
	10:47	0:05:00	22.3	20.5	0.46	14.46	29.386	21.0	12.90	2.580	0.01328	0.0213	3/4"	0.00	100.00
	10:57	0:15:00	22.3	18.0	0.46	11.96	24.305	18.5	13.25	0.883	0.01328	0.0125	1/2"	0.00	100.00
	11:12	0:30:00	22.3	16.0	0.46	9.96	20.241	16.5	13.60	0.453	0.01328	0.0089	3/8"	0.00	100.00
	11:42	1:03:00	23.0	14.0	0.70	8.20	16.664	14.5	13.90	0.232	0.01317	0.0063	1/4"	0.00	100.00
	12:42	2:00:00	23.8	12.0	0.94	6.44	13.087	12.5	14.25	0.119	0.01304	0.0045	#4	0.00	100.00
	14:49	4:07:00	25.7	10.5	1.55	5.55	11.269	11.0	14.50	0.059	0.01276	0.0031	#8	0.00	100.00
	20:03	9:21:00	27.5	8.5	2.25	4.25	8.637	9.0	14.80	0.026	0.01351	0.0022	#10	0.00	100.00
5/22/14	10:42	24:00:00	23.1	10.0	0.73	4.23	8.596	10.5	14.60	0.021	0.01315	0.0019	#16	0.52	98.95
													#20	0.69	98.61
													#30	0.90	98.19
													#40	1.09	97.81
													#50	1.36	97.26
													#100	3.01	93.94
													#200	17.14	65.51
													PAN	49.70	





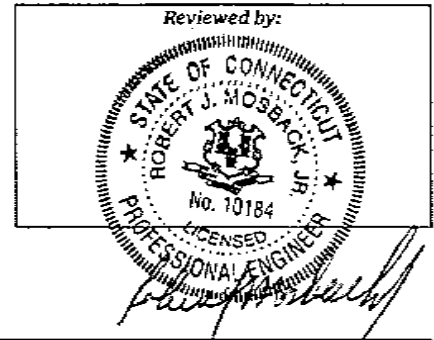
Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC

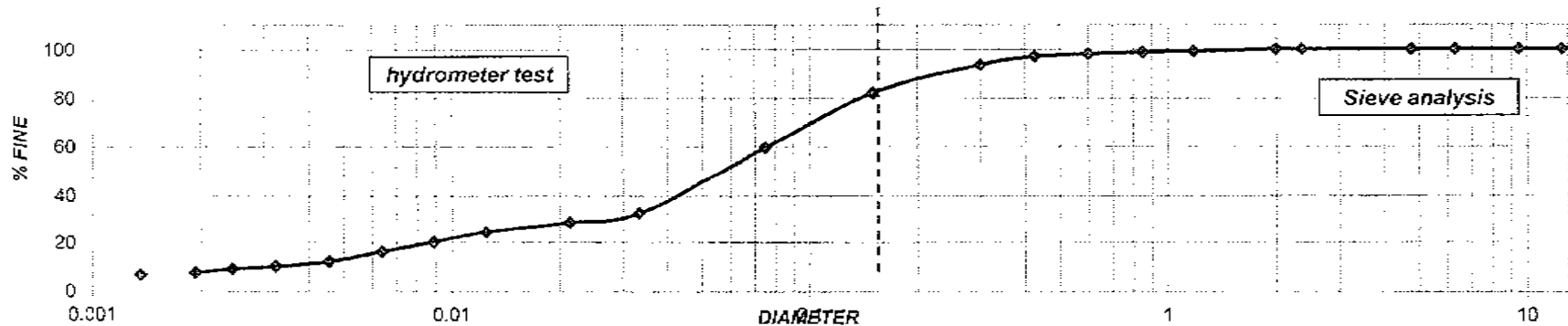
Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: SD14TFD600FS
 Location:

Project: 2010-31-007A01
 Date: 05/22/14
 Report: 078-14 (HY) 007YRKA, Samp SD14TFD600FS, 050614
 Sample: 078-14 (14D1023)
 Lab Receipt Date: 05/06/14
 Lab Tech: G. Lopez



ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)													SIEVE ANALYSIS ASTM DESIGNATION C136 AASHTO DESIGNATION T 27-881		
Hydrometer Used: 152 H		Dispersing Agent: Sodium Hexametaphosphate		Quantity: 40 gr											
Soil Weight: 49.56		a = 1.010													
Zero Correction: 7.5		Meniscus Correction: 0.5													
Date	Time Reading	Time Transcurring, Min	Temp °C	Real Reading Hydrometer, R _a	Correction for Temp C _t	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table 2	L / t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
5/22/14	7:32														
	7:34	0:02:00	22.0	23.0	0.40	15.90	32.403	23.5	12.45	6.225	0.01332	0.0332	200"	0.00	100.00
	7:37	0:05:00	22.0	21.0	0.40	13.90	28.327	21.5	12.80	2.560	0.01332	0.0213	1"	0.00	100.00
	7:47	0:15:00	22.0	19.0	0.40	11.90	24.251	19.5	13.10	0.873	0.01332	0.0124	3/4"	0.00	100.00
	8:02	0:30:00	22.0	17.0	0.40	9.90	20.176	17.5	13.40	0.447	0.01332	0.0089	1/2"	0.00	100.00
	8:32	1:00:00	22.0	15.0	0.40	7.90	16.100	15.5	13.75	0.229	0.01332	0.0064	3/8"	0.00	100.00
	9:32	2:00:00	22.1	13.0	0.43	5.93	12.095	13.5	14.10	0.118	0.0133	0.0046	1/4"	0.00	100.00
	11:32	4:00:00	22.2	12.0	0.46	4.96	10.108	12.5	14.25	0.059	0.01328	0.0032	#4	0.00	100.00
	14:32	7:00:00	22.2	11.5	0.46	4.46	9.089	12.0	14.30	0.034	0.01328	0.0025	#8	0.00	100.00
	19:32	12:00:00	21.3	11.0	0.26	3.76	7.663	11.5	14.40	0.021	0.01344	0.0019	#10	0.00	100.00
5/22/14	7:32	24:00:00	20.5	10.5	0.30	3.30	6.725	11.0	14.50	0.010	0.01356	0.0014	#16	0.45	99.09
													#20	0.69	98.61
													#30	1.02	97.94
													#40	1.50	96.97
													#50	3.18	93.58
													#100	8.91	82.02
													#200	20.01	59.62
													PAN	49.56	

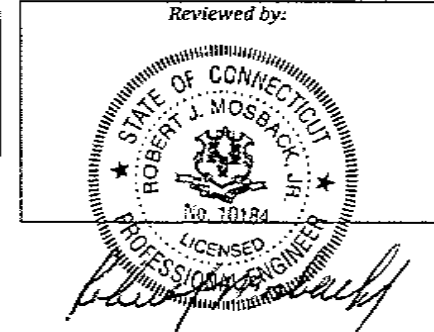




Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1352 • Fax: 203-362-1554 • www.haks.net
 Formerly: Laboratory Testing Services, LLC

Reviewed by:



Client: York Analytical Laboratories
 129 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 05/22/14
 Report: 079-14 (HY) 007YRKA, Samp SD14TFC500FS, 050614
 Sample: 079-14 (14D1023)
 Lab Receipt Date: 05/06/14
 Lab Tech: G. Lopez

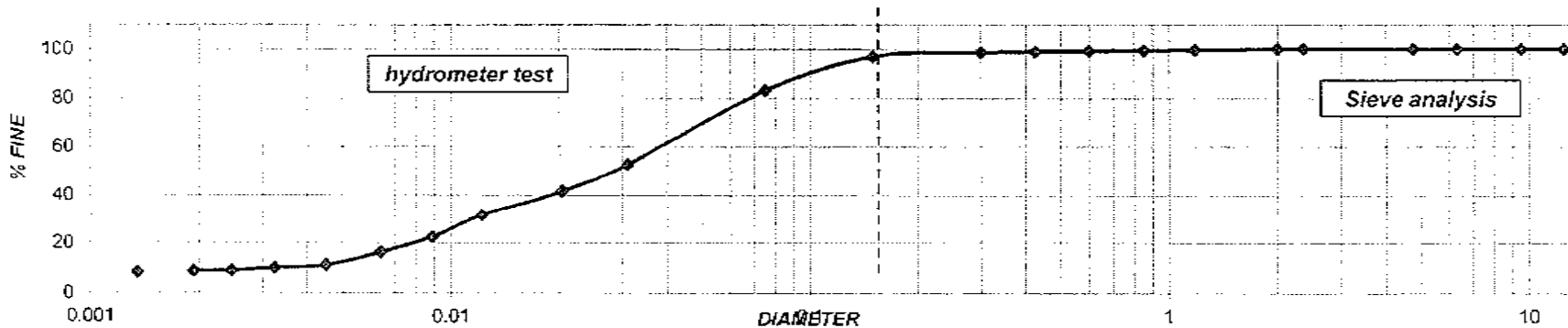
Project: SD14TFC500FS
 Location:

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

Hydrometer Used: 152 H Dispersing Agent: Sodium Hexametaphosphate Quantity: 40 gr
 Soil Weight: 49.47 a = 1.010
 Zero Correction: 7.5 Meniscus Correction: 0.5

SIEVE ANALYSIS
 ASTM DESIGNATION C136
 AASHTO DESIGNATION
 T 27-881

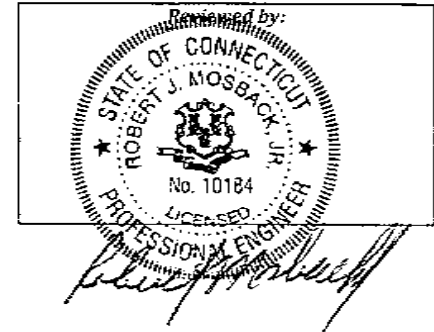
Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp C, Cc	Correction Reading of Hydrometer, Rc	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table Z	L / t	R of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
5/22/14	7:51														
	7:53	0:02:00	21.9	33.0	0.38	25.88	52.838	33.5	10.80	5.400	0.01334	0.0310	2.00"	0.00	100.00
	7:56	0:05:00	21.9	27.5	0.38	20.38	41.609	28.0	11.70	2.340	0.01334	0.0204	1"	0.00	100.00
	8:06	0:15:00	21.9	22.5	0.38	15.38	31.400	23.0	12.50	0.833	0.01334	0.0122	3/4"	0.00	100.00
	8:21	0:30:00	22.0	18.0	0.40	10.90	22.254	18.5	13.25	0.442	0.01332	0.0089	1/2"	0.00	100.00
	8:51	1:00:00	22.0	15.0	0.40	7.90	16.129	15.5	13.75	0.229	0.01332	0.0064	3/8"	0.00	100.00
	9:55	2:04:00	22.2	12.5	0.46	5.46	11.147	13.0	14.20	0.115	0.01329	0.0045	1/4"	0.00	100.00
	11:51	4:00:00	22.1	12.0	0.43	4.93	10.065	12.5	14.25	0.059	0.01331	0.0032	#4	0.00	100.00
	14:51	7:00:00	22.0	11.5	0.40	4.40	8.983	12.0	14.30	0.034	0.01332	0.0025	#8	0.00	100.00
	19:51	12:00:00	21.3	11.5	0.26	4.26	8.697	12.0	14.30	0.021	0.01344	0.0019	#10	0.00	100.00
5/23/14	7:51	24:00:00	20.4	11.5	0.08	4.08	8.330	12.0	14.30	0.010	0.01354	0.0013	#16	0.25	99.49
													#20	0.40	99.19
													#30	0.52	98.95
													#40	0.64	98.71
													#50	0.79	98.40
													#100	1.55	96.87
													#200	8.41	83.00
													PAN	49.47	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC

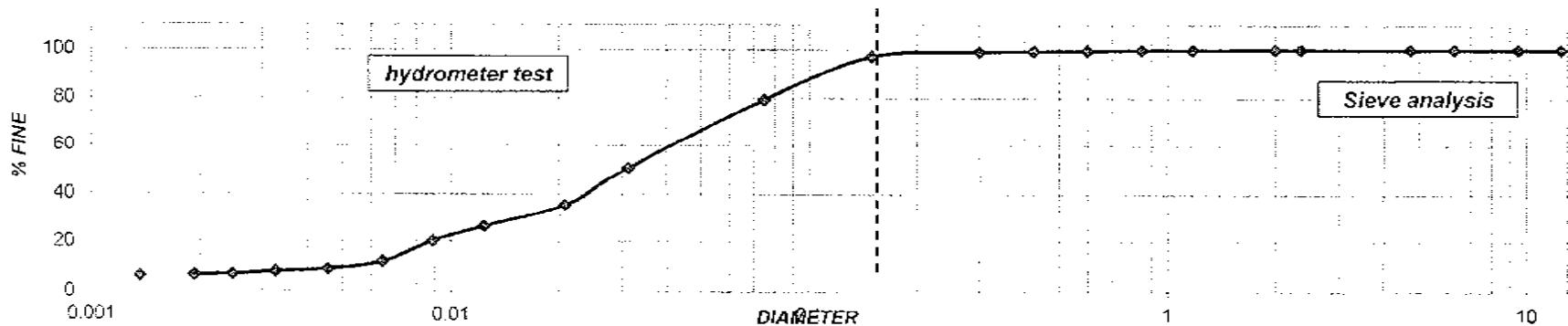


Client: York Analytical Laboratories
 126 Research Drive
 Stratford, CT 06625

Project: 2010-31-007A01
 Date: 05/22/14
 Report: 080-14 (HY) 007YRKA, Samp SD14TFC400FS, 050614
 Sample: 080-14 (14D1023)
 Lab Receipt Date: 05/06/14
 Lab Tech: G. Lopez

Project: SD14TFC400FS
 Location:

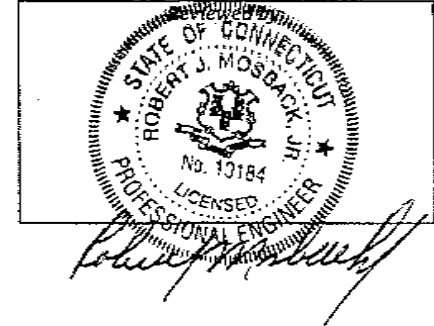
ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)													SIEVE ANALYSIS ASTM DESIGNATION C136 AASHTO DESIGNATION T 27-881		
Hydrometer Used: 152 H		Dispersing Agent: Sodium Hexametaphosphate		Quantity: 40 gr											
Soil Weight: 49.64		a = 1.010													
Zero Correction: 7.5		Meniscus Correction: 0.5													
Date	Time Reading	Time Transcurring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp C _T	Correction Reading of Hydrometer, Rc	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Tble 2	L / l	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
5/22/14	8:02														
	8:04	0:02:00	22.0	32.0	0.40	24.90	50.663	32.5	11.00	5.500	0.01332	0.0312	2.00"	0.00	100.00
	8:07	0:05:00	22.0	24.5	0.40	17.40	35.403	25.0	12.20	2.440	0.01332	0.0208	1"	0.00	100.00
	8:17	0:15:00	22.0	20.0	0.40	12.90	26.247	20.5	12.95	0.863	0.01332	0.0124	3/4"	0.00	100.00
	8:32	0:30:00	22.0	17.0	0.40	9.90	20.143	17.5	13.40	0.447	0.01332	0.0089	1/2"	0.00	100.00
	9:02	1:00:00	22.0	13.0	0.40	5.90	12.004	13.5	14.10	0.235	0.01332	0.0065	3/8"	0.00	100.00
	10:04	2:02:00	22.2	11.5	0.46	4.46	9.075	12.0	14.30	0.117	0.01328	0.0045	1/4"	0.00	100.00
	12:02	4:00:00	22.2	11.0	0.46	3.96	8.057	11.5	14.40	0.060	0.01328	0.0033	#4	0.00	100.00
	15:02	7:00:00	22.1	10.5	0.43	3.43	6.979	11.0	14.50	0.035	0.0133	0.0025	#8	0.00	100.00
	20:02	12:00:00	21.3	10.5	0.26	3.26	6.633	11.0	14.50	0.021	0.01344	0.0019	#10	0.00	100.00
5/23/14	8:02	24:00:00	20.4	10.5	0.08	3.08	6.267	11.0	14.50	0.010	0.01359	0.0014	#16	0.09	99.82
													#20	0.17	99.66
													#30	0.30	99.40
													#40	0.42	99.15
													#50	0.61	98.77
													#100	1.55	96.88
													#200	10.27	79.31
													PAN	49.64	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC

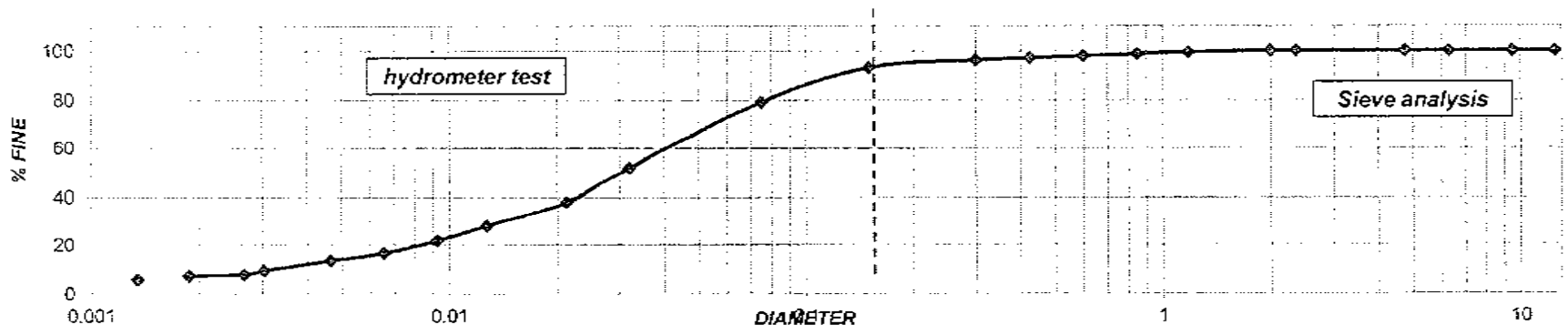


Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 05/23/14
 Report: 081-14 (HY) 007YRKA, Samp SD14TFC300FS, 050614
 Sample: 081-14 (14D1023)
 Lab Receipt Date: 05/06/14
 Lab Tech: G. Lopez

Project: SD14TFC300FS
 Location:

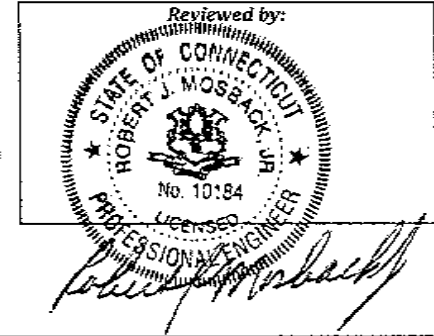
ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)													SIEVE ANALYSIS ASTM DESIGNATION C136 AASHTO DESIGNATION T 27-881		
Hydrometer Used:		152 H		Dispersing Agent:		Sodium Hexametaphosphate		Quantity:		40 gr					
Soil Weight:		49.67		a =		1.010									
Zero Correction:		7.5		Meniscus Correction:		0.5									
Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp C _T	Correction Reading of Hydrometer, Rc	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table 2	L / l	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
5/23/14	6:55														
	6:57	0:02:00	20.7	33.0	0.14	25.64	52.137	33.5	10.80	5.400	0.01374	0.0319	2.00"	0.00	100.00
	7:00	0:05:00	20.7	26.0	0.14	18.64	37.903	26.5	11.95	2.390	0.01374	0.0212	1"	0.00	100.00
	7:10	0:15:00	20.7	21.0	0.14	13.64	27.736	21.5	12.80	0.653	0.01374	0.0127	3/4"	0.00	100.00
	7:25	0:30:00	20.7	18.0	0.14	10.64	21.636	18.5	13.60	0.453	0.01374	0.0093	1/2"	0.00	100.00
	7:55	1:00:00	20.5	15.5	0.10	8.10	16.471	16.0	13.70	0.228	0.01371	0.0066	3/8"	0.00	100.00
	8:55	2:00:00	20.4	14.0	0.08	6.58	13.380	14.5	13.90	0.116	0.01368	0.0047	1/4"	0.00	100.00
	11:02	4:07:00	20.4	12.0	0.08	4.58	9.313	12.5	14.25	0.058	0.01262	0.0030	#4	0.00	100.00
	13:00	6:05:00	21.4	11.0	0.28	3.78	7.686	11.5	14.40	0.039	0.01346	0.0027	#8	0.00	100.00
	19:53	12:58:00	24.0	10.0	1.00	3.50	7.117	10.5	14.60	0.021	0.01301	0.0019	#10	0.00	100.00
5/24/14	6:55	24:00:00	21.3	10.0	0.26	2.76	5.612	10.5	14.60	0.010	0.01338	0.0013	#16	0.36	99.28
													#20	0.73	98.53
													#30	1.16	97.66
													#40	1.53	96.92
													#50	1.98	96.01
													#100	3.45	93.05
													#200	10.40	79.06
													PAN	49.67	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC

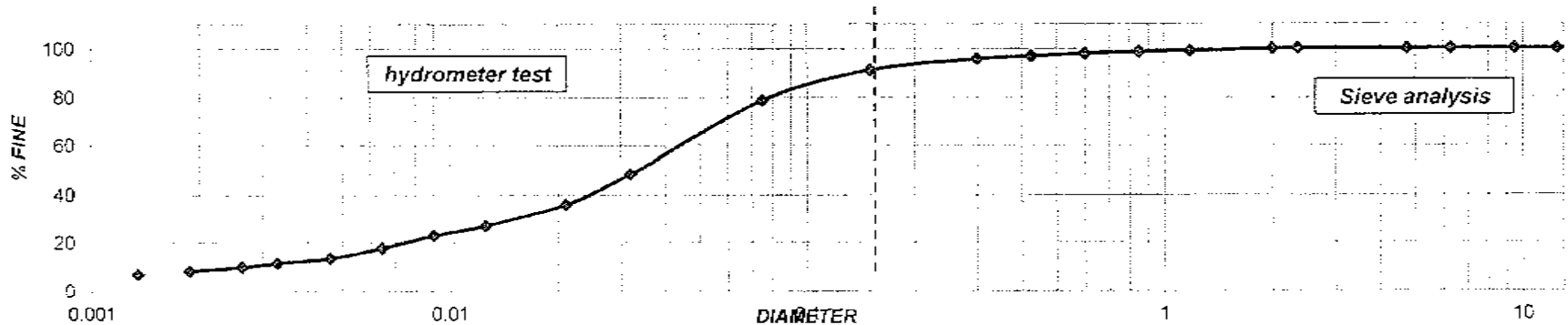


Client: York Analytical Laboratories
 129 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 05/23/14
 Report: 082-14 (HY) 007YRKA, Samp SD14TFC200FS, 050614
 Sample: 082-14 (14D1023)
 Lab Receipt Date: 05/06/14
 Lab Tech: G. Lopez

Project: SD14TFC200FS
 Location:

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)													SIEVE ANALYSIS ASTM DESIGNATION C136 AASHTO DESIGNATION T 27-881		
Hydrometer Used: 152 H		Dispersing Agent: Sodium Hexametaphosphate		Quantity: 40 gr											
Soil Weight: 49.31		a = 1.010													
Zero Correction: 7.5		Meniscus Correction: 0.5													
Date	Time Reading	Time Transcurring, Min	Temp °C	Real Reading Hydrometer, R _a	Correction for Temp C _T	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table Z	L / t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
5/23/14	7:06														
	7:08	0:02:00	20.7	31.0	0.14	23.64	48.310	31.5	11.15	5.575	0.01353	0.0319	2.00"	0.00	100.00
	7:11	0:05:00	20.7	25.0	0.14	17.64	36.048	25.5	12.10	2.420	0.01353	0.0210	1"	0.00	100.00
	7:21	0:15:00	20.7	20.5	0.14	13.14	26.852	21.0	12.90	0.860	0.01353	0.0125	3/4"	0.00	100.00
	7:26	0:30:00	20.6	18.5	0.12	11.12	22.724	19.0	13.20	0.440	0.01355	0.0090	1/2"	0.00	100.00
	8:06	1:00:00	20.6	16.0	0.12	8.62	17.615	16.5	13.60	0.227	0.01355	0.0065	3/8"	0.00	100.00
	9:06	2:00:00	20.5	14.0	0.10	6.60	13.487	14.5	13.90	0.116	0.01357	0.0046	1/4"	0.00	100.00
	11:06	4:00:00	20.5	13.0	0.10	5.60	11.444	13.5	14.10	0.059	0.01357	0.0033	#4	0.00	100.00
	13:06	6:00:00	21.6	12.0	0.32	4.82	9.850	12.5	14.25	0.040	0.01319	0.0026	#6	0.00	100.00
	19:54	12:48:00	24.0	10.5	1.00	4.00	8.174	11.0	14.50	0.021	0.01301	0.0019	#10	0.00	99.77
5/24/14	7:06	24:00:00	21.5	10.5	0.30	3.30	6.744	11.0	14.50	0.010	0.0134	0.0013	#16	0.43	98.90
													#20	0.67	98.41
													#30	0.99	97.77
													#40	1.48	96.78
													#50	2.08	95.56
													#100	4.32	91.03
													#200	10.45	78.63
													PAN	49.31	

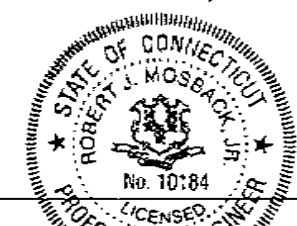




Construction Management Engineering Architecture
 Land Surveying Materials Testing

35 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC

Reviewed by:



Robert J. Mosback

Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 06/03/14
 Report: 083-14 (HY) 007YRKA, Samp SD14TFD200FS, 050614
 Sample: 083-14 (14D1023)

Project: SD14TFD200FS
 Location:

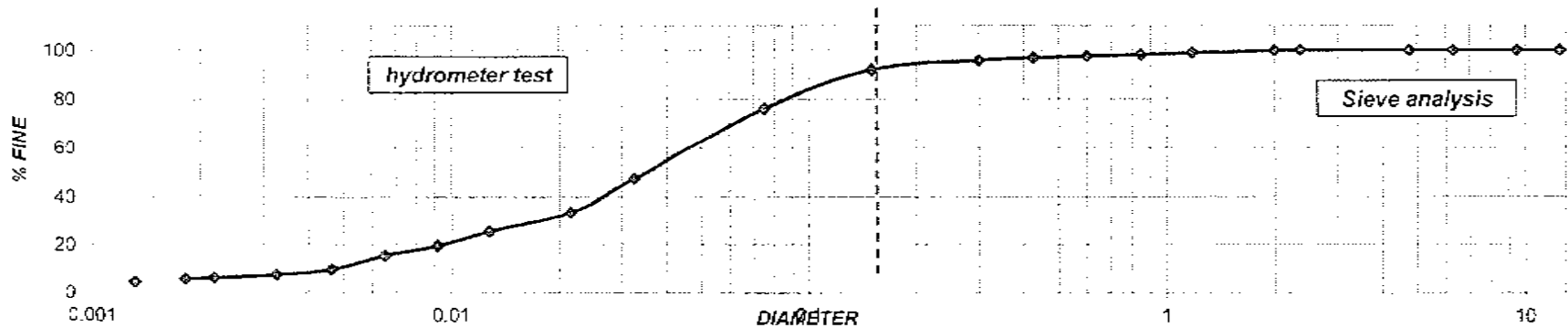
Lab Receipt Date: 05/06/14
 Lab Tech: G. Lopez

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

Hydrometer Used: 152 H Dispersing Agent: Sodium Hexametaphosphate Quantity: 40 gr
 Soil Weight: 49.71 a = 1.010
 Zero Correction: 6.5 Meniscus Correction: 0.5

SIEVE ANALYSIS
 ASTM DESIGNATION C136
 AASHTO DESIGNATION
 T 27-881

Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp C _T	Correction Reading of Hydrometer, Rc	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table 2	L / t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
6/3/14	6:39												2.00"	0.00	100.00
	6:41	0:02:00	19.9	30.0	-0.03	23.47	47.582	30.5	11.30	5.650	0.01367	0.0325	1"	0.00	100.00
	6:44	0:05:00	19.9	23.0	-0.03	16.47	33.390	23.5	12.45	2.490	0.01367	0.0216	3/4"	0.00	100.00
	6:54	0:15:00	19.9	19.0	-0.03	12.47	25.282	19.5	13.10	0.873	0.01367	0.0128	1/2"	0.00	100.00
	7:09	0:30:00	20.3	16.0	0.06	9.56	19.382	16.5	13.60	0.453	0.0136	0.0092	3/8"	0.00	100.00
	7:39	1:00:00	20.6	14.0	0.12	7.62	15.448	14.5	13.90	0.232	0.01355	0.0065	1/4"	0.00	100.00
	8:39	2:00:00	21.4	11.0	0.28	4.78	9.691	11.5	14.40	0.120	0.01338	0.0046	#4	0.00	100.00
	10:39	4:00:00	23.0	9.5	0.70	3.78	7.501	10.0	14.70	0.061	0.01317	0.0033	#8	0.00	100.00
	14:42	8:03:00	28.3	7.0	2.55	3.05	6.183	7.5	15.10	0.031	0.01234	0.0022	#10	0.00	99.78
	18:39	12:00:00	26.5	7.5	1.80	2.80	5.676	8.0	15.00	0.021	0.01264	0.0018	#16	0.50	98.78
5/4/14	6:39	24:00:00	24.8	7.5	1.24	2.24	4.541	8.0	15.00	0.0104	0.01289	0.0013	#20	0.94	98.09
													#30	1.18	97.41
													#40	1.51	96.75
													#50	2.00	95.77
													#100	3.96	91.83
													#200	11.84	76.01
													PAN	49.71	





Construction Management Engineering Architecture
Land Surveying Materials Testing

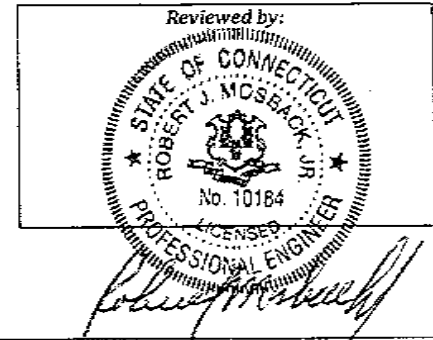
36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
Formerly Laboratory Testing Services, LLC

Client: York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Project: 2010-31-007A01
Date: 06/03/14
Report: 084-14 (HY) 007YRKA, Samp SD14TFB300FS, 050614
Sample: 084-14 (14D1130)

Project: SD14TFB300FS
Location:

Lab Receipt Date: 05/06/14
Lab Tech: G. Lopez



ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

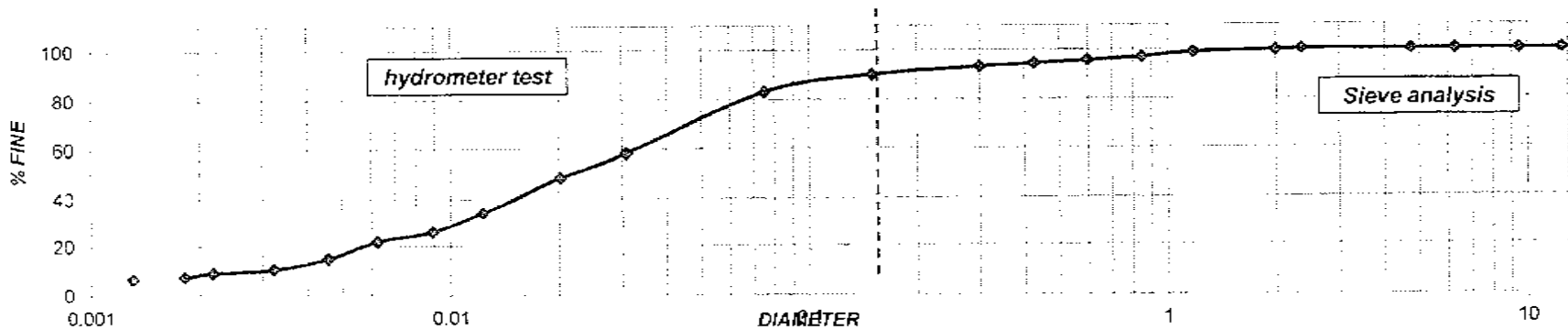
Hydrometer Used: 152 H
Soil Weight: 49.62
Zero Correction: 6.5

Dispersing Agent: Sodium Hexametaphosphate
a = 1.010
Meniscus Correction: 0.5

Quantity: 40 gr

SIEVE ANALYSIS
ASTM DESIGNATION C136
AASHTO DESIGNATION
T 27-881

Date	Time Reading	Time Transcurring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp Cr	Correction Reading of Hydrometer, Rc	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table 2	L / L	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
6/3/14	6:48												2.00"	0.00	100.00
	6:50	0:02:00	21.1	35.0	0.22	29.72	58.201	35.5	13.50	5.250	0.01346	0.0308	1"	0.00	100.00
	6:53	0:05:00	21.1	30.0	0.22	23.72	48.069	30.5	11.30	2.260	0.01346	0.0202	3/4"	0.00	100.00
	7:03	0:15:00	21.1	23.0	0.22	16.72	33.883	23.5	12.45	0.830	0.01346	0.0123	1/2"	0.00	100.00
	7:18	0:30:00	21.2	19.0	0.24	12.74	25.818	19.5	13.10	0.437	0.01344	0.0089	3/8"	0.00	100.00
	7:50	1:02:00	21.4	17.0	0.28	10.78	21.846	17.5	13.40	0.216	0.01343	0.0062	1/4"	0.00	100.00
	8:46	2:00:00	22.0	13.5	0.40	7.40	14.996	14.0	14.00	0.117	0.01332	0.0045	#4	0.00	100.00
	10:48	4:00:00	23.3	11.0	0.79	5.29	10.720	11.5	14.40	0.060	0.01312	0.0032	#8	0.00	100.00
	14:43	7:55:00	28.1	8.5	2.55	4.55	9.221	9.0	14.80	0.031	0.01234	0.0022	#10	0.00	99.56
	18:48	12:00:00	26.5	8.5	1.80	3.80	7.701	9.0	14.80	0.021	0.01264	0.0018	#16	0.48	98.60
6/4/14	6:48	24:00:00	24.8	8.5	1.24	3.24	6.566	9.0	14.80	0.0103	0.01289	0.0013	#20	1.42	96.71
													#30	2.09	95.37
													#40	2.69	94.16
													#50	3.29	92.96
													#100	4.84	89.85
													#200	8.26	82.99
													PAN	49.62	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC

Reviewed by:



Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 06/03/14
 Report: 085-14 (HY) 007YRKA, Samp SD14TFF200FS, 050614
 Sample: 085-14 (14D1130)
 Lab Receipt Date: 05/06/14
 Lab Tech: G. Lopez

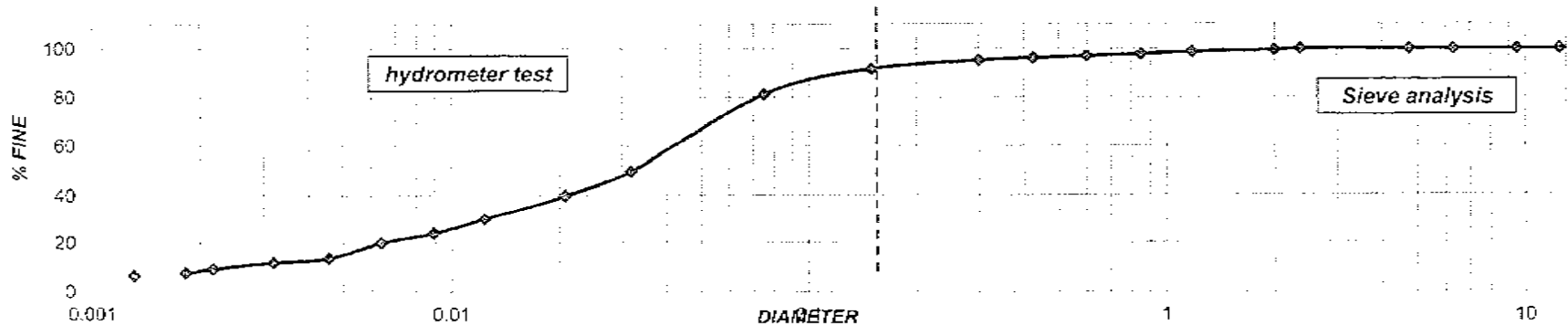
Project: SD14TFF200FS
 Location:

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

Hydrometer Used: 152 H Dispersing Agent: Sodium Hexametaphosphate Quantity: 40 gr
 Soil Weight: 49.87 a = 1.010
 Zero Correction: 6.5 Meniscus Correction: 0.5

SIEVE ANALYSIS
 ASTM DESIGNATION C136
 AASHTO DESIGNATION
 T 27-881

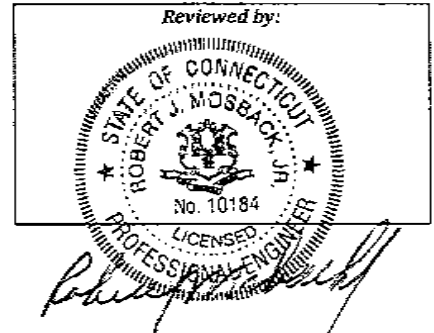
Date	Time Reading	Time Transcurring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp C ₁	Correction Reading of Hydrometer, Rc	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Table 2	L / c	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
6/3/14	7:00												2.00"	0.00	100.00
	7:02	0:02:00	21.1	31.0	0.22	24.72	49.764	31.5	11.15	5.575	0.01346	0.0318	1"	0.00	100.00
	7:05	0:05:00	21.1	26.0	0.22	19.72	39.699	26.5	11.95	2.390	0.01346	0.0208	3/4"	0.00	100.00
	7:15	0:15:00	21.4	21.0	0.28	14.78	29.754	21.5	12.80	0.853	0.01342	0.0124	1/2"	0.00	100.00
	7:30	0:30:00	21.4	18.0	0.28	11.78	23.714	18.5	13.25	0.442	0.01342	0.0089	3/8"	0.00	100.00
	8:00	1:00:00	21.6	16.0	0.32	9.82	19.769	16.5	13.60	0.227	0.01339	0.0064	1/4"	0.00	100.00
	9:00	2:00:00	22.1	12.6	0.43	6.68	13.448	13.3	14.10	0.118	0.0133	0.0046	#4	0.00	100.00
	11:00	4:00:00	23.5	11.5	0.85	5.85	11.777	12.0	14.30	0.050	0.01309	0.0032	#8	0.00	100.00
	15:00	8:00:00	28.2	8.5	2.60	4.60	9.260	9.0	14.80	0.031	0.01234	0.0022	#10	0.00	99.40
	19:00	12:00:00	26.5	8.5	1.90	3.80	7.650	9.0	14.80	0.021	0.01264	0.0018	#16	0.00	98.62
5/1/14	7:00	24:00:00	24.8	8.5	1.24	3.24	6.522	9.0	14.80	0.0103	0.01289	0.0013	#20	0.39	97.75
													#30	1.23	96.95
													#40	1.62	96.17
													#50	2.10	95.21
													#100	3.83	91.77
													#200	9.12	81.22
													PAN	49.87	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC



Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

Project: 2010-31-007A01
 Date: 06/04/14
 Report: 087-14 (HY) 007YRKA, Samp SD14TFE200FS, 050614
 Sample: 087-14 (14D1194)

Project: SD14TFE200FS
 Location:

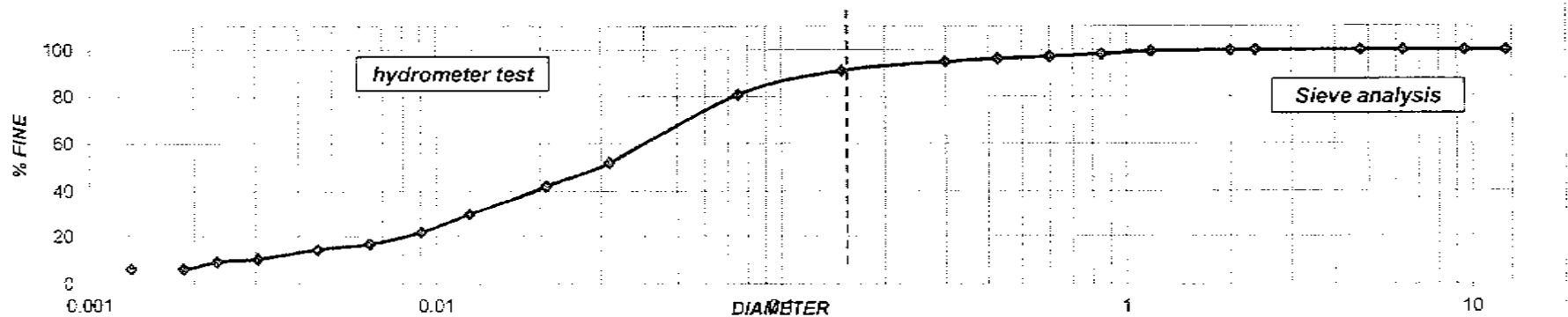
Lab Receipt Date: 05/06/14
 Lab Tech: G. Lopez

ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

SIEVE ANALYSIS
 ASTM DESIGNATION C136
 AASHTO DESIGNATION
 T 27-881

Hydrometer Used: 152 H Dispersing Agent: Sodium Hexametaphosphate Quantity: 40 gr
 Soil Weight: 49.54 a = 1.010
 Zero Correction: 6.5 Meniscus Correction: 0.5

Date	Time Reading	Time Transcurring, Min	Temp °C	Real Reading Hydrometer, R _a	Correction for Temp C _T	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Tble 2	L / t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
6/4/14	6:58												200"	0.00	100.00
	7:00	0:02:00	20.7	32.0	0.14	25.64	52.174	32.5	11.00	5.500	0.01353	0.0317	1"	0.00	100.00
	7:03	0:05:00	20.7	27.0	0.14	20.64	42.000	27.5	11.80	2.360	0.01353	0.0208	3/4"	0.00	100.00
	7:13	0:15:00	20.8	21.0	0.16	14.66	29.831	21.5	12.80	0.853	0.01351	0.0125	1/2"	0.00	100.00
	7:28	0:30:00	20.8	17.0	0.16	10.66	21.692	17.5	13.40	0.447	0.01351	0.0090	3/8"	0.00	100.00
	7:59	1:01:00	20.8	14.5	0.16	8.16	16.605	15.0	13.80	0.226	0.01351	0.0064	1/4"	0.00	100.00
	8:58	2:00:00	22.4	13.0	0.52	7.02	14.285	13.5	14.20	0.118	0.01326	0.0045	#4	0.00	100.00
	11:17	4:19:00	24.4	10.5	1.12	5.12	10.419	11.0	14.50	0.056	0.01292	0.0031	#8	0.00	100.00
	14:20	7:22:00	25.6	9.5	1.51	4.51	9.177	10.0	14.70	0.033	0.01277	0.0023	#10	0.00	99.81
	18:58	12:00:00	24.2	8.5	1.06	3.06	6.227	9.0	14.80	0.021	0.01298	0.0019	#16	0.20	99.41
6/5/14	6:58	24:00:00	24.2	8.5	1.06	3.06	6.227	9.0	14.80	0.0103	0.01298	0.0013	#20	0.77	98.26
													#30	1.25	97.29
													#40	1.71	96.36
													#50	2.33	95.12
													#100	4.21	91.33
													#200	9.43	80.81
													PAN	49.54	





Construction Management Engineering Architecture
 Land Surveying Materials Testing

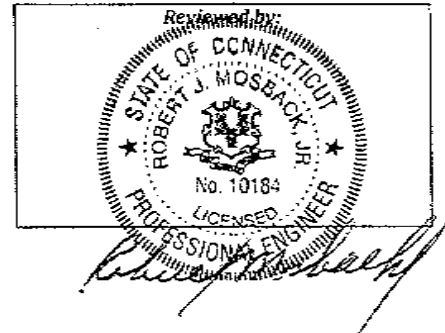
36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
 Formerly Laboratory Testing Services, LLC

Client: York Analytical Laboratories
 120 Research Drive
 Stratford, CT 06615

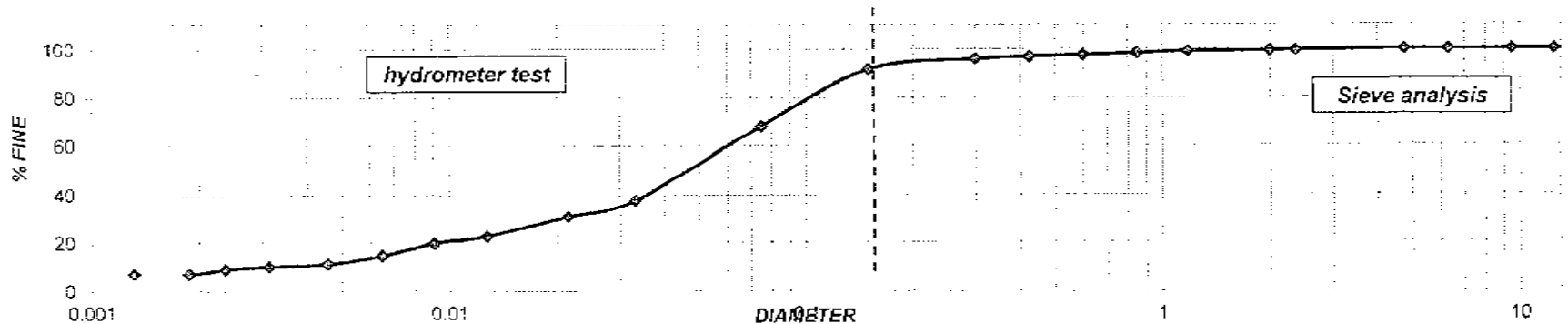
Project: 2010-31-007A01
 Date: 06/04/14
 Report: 088-14 (HY) 007YRKA, Samp SD14TFD400FS, 050614
 Sample: 088-14 (14D1194)

Project: SD14TFD400FS
 Location:

Lab Receipt Date: 05/06/14
 Lab Tech: G. Lopez



ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)													SIEVE ANALYSIS ASTM DESIGNATION C136 AASHTO DESIGNATION T 27-881		
Hydrometer Used: 152 H		Dispersing Agent: Sodium Hexametaphosphate		Quantity: 40 gr											
Soil Weight: 49.71		a = 1.010													
Zero Correction: 6.5		Meniscus Correction: 0.5													
Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, R _a	Correction for Temp C ₁	Correction Reading of Hydrometer, R _c	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Tbl 2	L / c	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
6/4/14	7:10														
	7:12	0:02:00	21.0	25.0	0.20	18.70	37.709	25.5	12.10	6.050	0.01348	0.0332	2.00"	0.00	100.00
	7:15	0:05:00	21.0	21.5	0.20	15.20	30.651	22.0	12.70	2.540	0.01348	0.0215	1"	0.00	100.00
	7:25	0:15:00	21.0	17.5	0.20	11.20	22.585	18.0	13.30	0.887	0.01348	0.0127	3/4"	0.00	100.00
	7:40	0:30:00	21.4	16.0	0.28	9.78	19.722	16.5	13.60	0.453	0.01342	0.0090	1/2"	0.00	100.00
	8:10	1:00:00	21.7	13.5	0.34	7.34	14.801	14.0	14.00	0.233	0.01337	0.0065	5/8"	0.00	100.00
	9:10	2:00:00	22.9	11.5	0.67	5.67	11.434	12.0	14.30	0.119	0.01319	0.0046	1/4"	0.00	100.00
	11:18	4:08:00	24.5	10.5	1.15	5.15	10.385	11.0	14.50	0.058	0.01293	0.0031	#4	0.00	100.00
	14:21	7:11:00	25.6	9.5	1.51	4.51	9.095	10.0	14.70	0.034	0.01277	0.0024	#8	0.00	99.44
	19:00	11:50:00	24.2	9.0	1.06	3.56	7.179	9.5	14.75	0.021	0.01298	0.0019	#10	0.00	99.25
8/5/14	7:10	24:00:00	24.2	9.0	1.06	3.56	7.179	9.5	14.75	0.0102	0.01298	0.0013	#16	0.17	98.91
													#20	0.51	98.23
													#30	0.88	97.49
													#40	1.22	96.81
													#50	1.68	95.50
													#100	3.83	91.60
													#200	15.55	68.20
													PAN	49.71	





Construction Management
Land Surveying

Engineering
Materials Testing

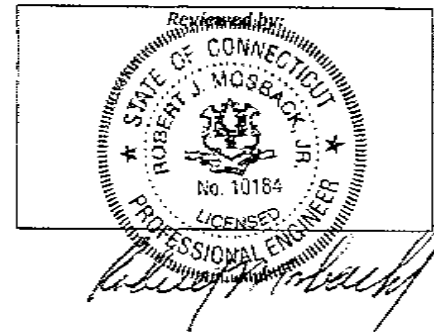
Architecture

36 River Street • Bridgeport CT 06604 • Phone: 203-362-1552 • Fax: 203-362-1554 • www.haks.net
Formerly Laboratory Testing Services, LLC

Client: York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Project: 2010-31-007A01
Date: 06/05/14
Report: 089-14 (HY) 007YRKA, Samp SD14TFD300FS, 050614
Sample: 089-14 (14D1194)
Lab Receipt Date: 05/06/14
Lab Tech: G. Lopez

Project: SD14TFD300FS
Location:



ASTM D 422 - 63 STANDARD TEST METHOD FOR PARTICLE SIZE ANALYSIS OF SOIL (HYDROMETER TEST)

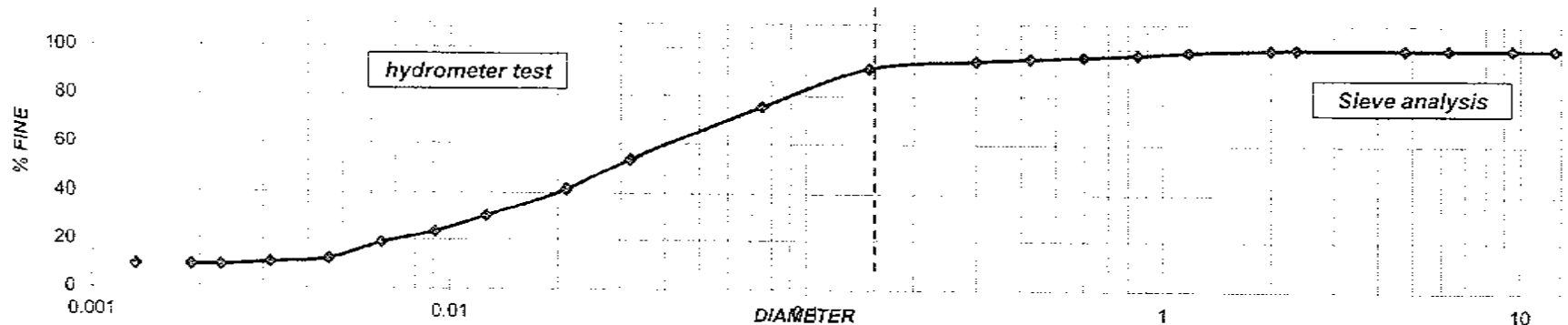
Hydrometer Used: 152 H
Soil Weight: 49.30
Zero Correction: 6.5

Dispersing Agent: Sodium Hexametaphosphate
Quantity: 40 gr
a = 1.010

Meniscus Correction: 0.5

SIEVE ANALYSIS
ASTM DESIGNATION C136
AASHTO DESIGNATION
T 27-881

Date	Time Reading	Time Transcuring, Min	Temp °C	Real Reading Hydrometer, Ra	Correction for Temp C ₁	Correction Reading of Hydrometer, Rc	% More Fine	Correction Hydrometer Only Meniscus, R	L of the Tble 2	L / t	K of the Table 1	D mm	Sieve Size	Weight	% Passing
Starting Test													IN / NO.	Retained	Total Sample
5/5/14	6:26														
	6:28	0:02:00	19.3	33.0	-0.21	26.29	53.709	33.5	10.80	5.400	0.01377	0.0320	2.00"	0.00	100.00
	6:31	0:05:00	19.3	27.0	-0.21	20.29	41.451	27.5	11.80	2.360	0.01377	0.0212	1"	0.00	100.00
	6:41	0:15:00	19.4	21.5	-0.18	14.82	30.276	22.0	12.70	0.847	0.01375	0.0127	3/4"	0.00	100.00
	6:56	0:30:00	20.0	18.0	0.00	11.50	23.494	18.5	13.25	0.442	0.01365	0.0091	1/2"	0.00	100.00
	7:26	1:00:00	21.1	15.5	0.22	9.22	18.856	16.0	13.70	0.228	0.01346	0.0064	3/8"	0.00	100.00
	8:26	2:00:00	22.3	12.0	0.49	5.99	12.237	12.5	14.25	0.119	0.01328	0.0046	1/4"	0.00	100.00
	10:38	4:12:00	23.0	11.0	0.70	5.20	10.623	11.5	14.40	0.057	0.01317	0.0031	#4	0.00	100.00
	14:26	8:00:00	23.0	10.5	0.70	4.70	9.602	11.0	14.50	0.030	0.01317	0.0023	#8	0.00	100.00
	18:26	12:00:00	23.0	10.5	0.70	4.70	9.602	11.0	14.50	0.021	0.01317	0.0019	#10	0.00	99.72
6/6/14	6:26	24:00:00	23.0	10.5	0.70	4.70	9.602	11.0	14.50	0.0101	0.01317	0.0013	#16	0.52	98.67
													#20	1.14	97.41
													#30	1.59	96.50
													#40	1.99	95.59
													#50	2.50	94.56
													#100	4.09	91.45
													#200	12.03	75.39
													PAN	49.30	

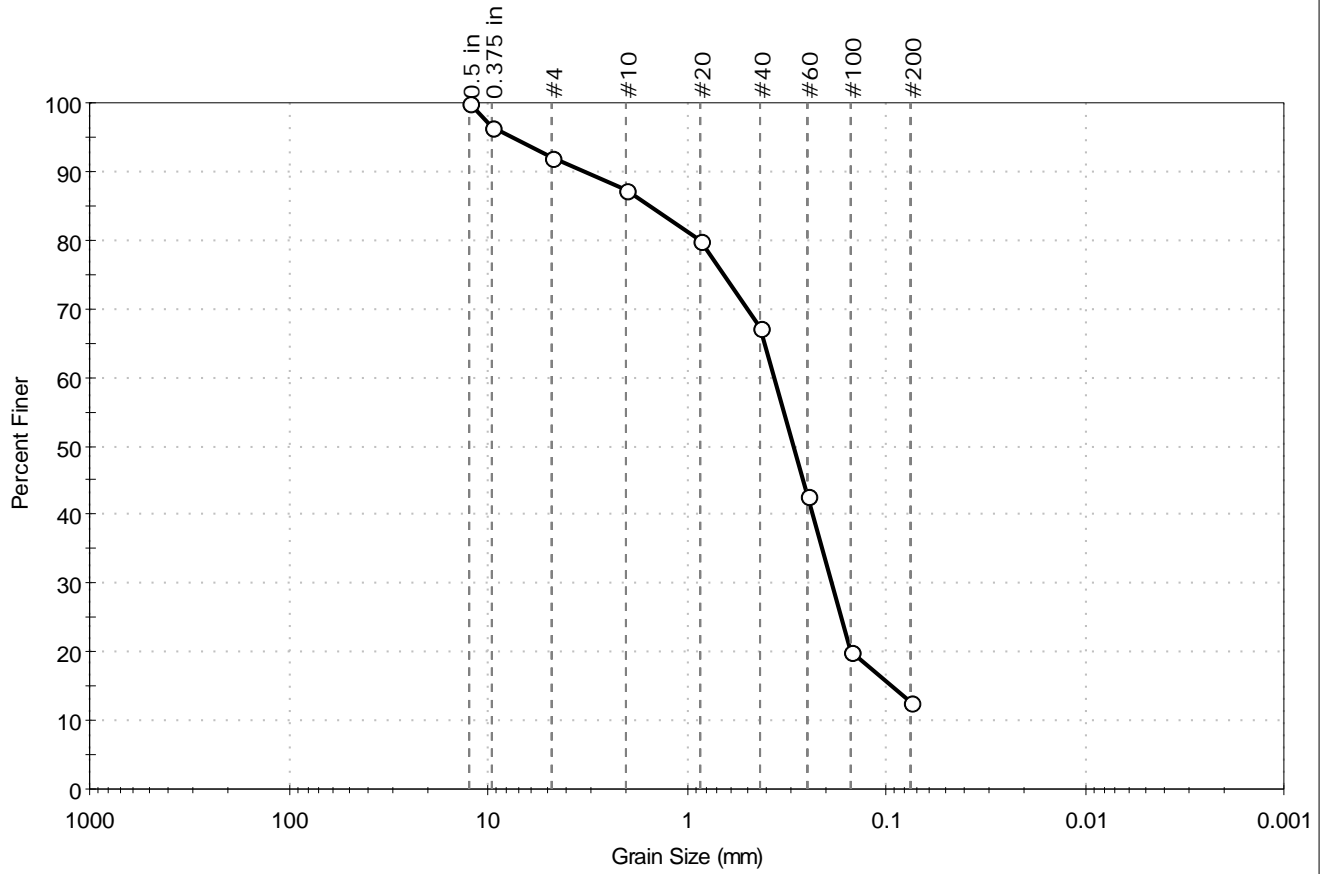


E-2
2015 SEDIMENT GRAIN SIZE DATA



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	
Location: ---	
Boring ID: ---	Sample Type: jar
Sample ID: SD140F0603FSH	Test Date: 01/25/16
Depth: ---	Test Id: 361877
Test Comment: ---	Tested By: jbr
Visual Description: Moist, dark brown silty sand	Checked By: emm
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	8.0	79.3	12.7

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.5 in	12.50	100		
0.375 in	9.50	97		
#4	4.75	92		
#10	2.00	87		
#20	0.85	80		
#40	0.42	67		
#60	0.25	43		
#100	0.15	20		
#200	0.075	13		

<u>Coefficients</u>	
D ₈₅ = 1.5291 mm	D ₃₀ = 0.1877 mm
D ₆₀ = 0.3631 mm	D ₁₅ = 0.0931 mm
D ₅₀ = 0.2927 mm	D ₁₀ = N/A
C _u = N/A	C _c = N/A

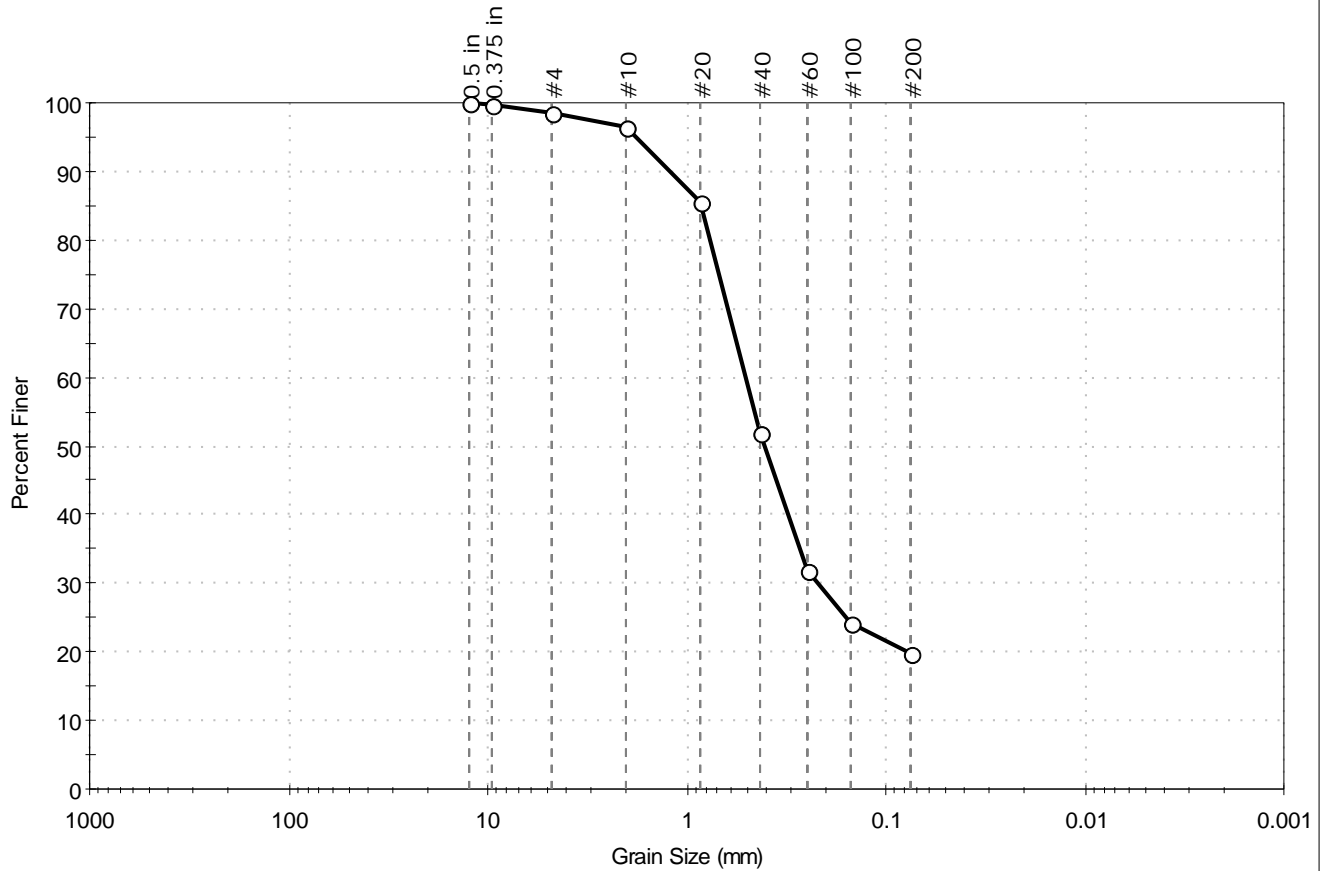
<u>Classification</u>	
ASTM	N/A
AASHTO	Silty Gravel and Sand (A-2-4 (0))

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ANGULAR
Sand/Gravel Hardness : HARD



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEF Sediment Samples	
Location: ---	
Boring ID: ---	Sample Type: jar
Sample ID: SD140F1103FSH	Test Date: 01/25/16
Depth: ---	Test Id: 361876
Test Comment: ---	Tested By: jbr
Visual Description: Moist, dark brown silty sand	Checked By: emm
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	1.4	78.9	19.7

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.5 in	12.50	100		
0.375 in	9.50	100		
#4	4.75	99		
#10	2.00	97		
#20	0.85	86		
#40	0.42	52		
#60	0.25	32		
#100	0.15	24		
#200	0.075	20		

<u>Coefficients</u>	
D ₈₅ = 0.8386 mm	D ₃₀ = 0.2220 mm
D ₆₀ = 0.5020 mm	D ₁₅ = N/A
D ₅₀ = 0.4043 mm	D ₁₀ = N/A
C _u = N/A	C _c = N/A

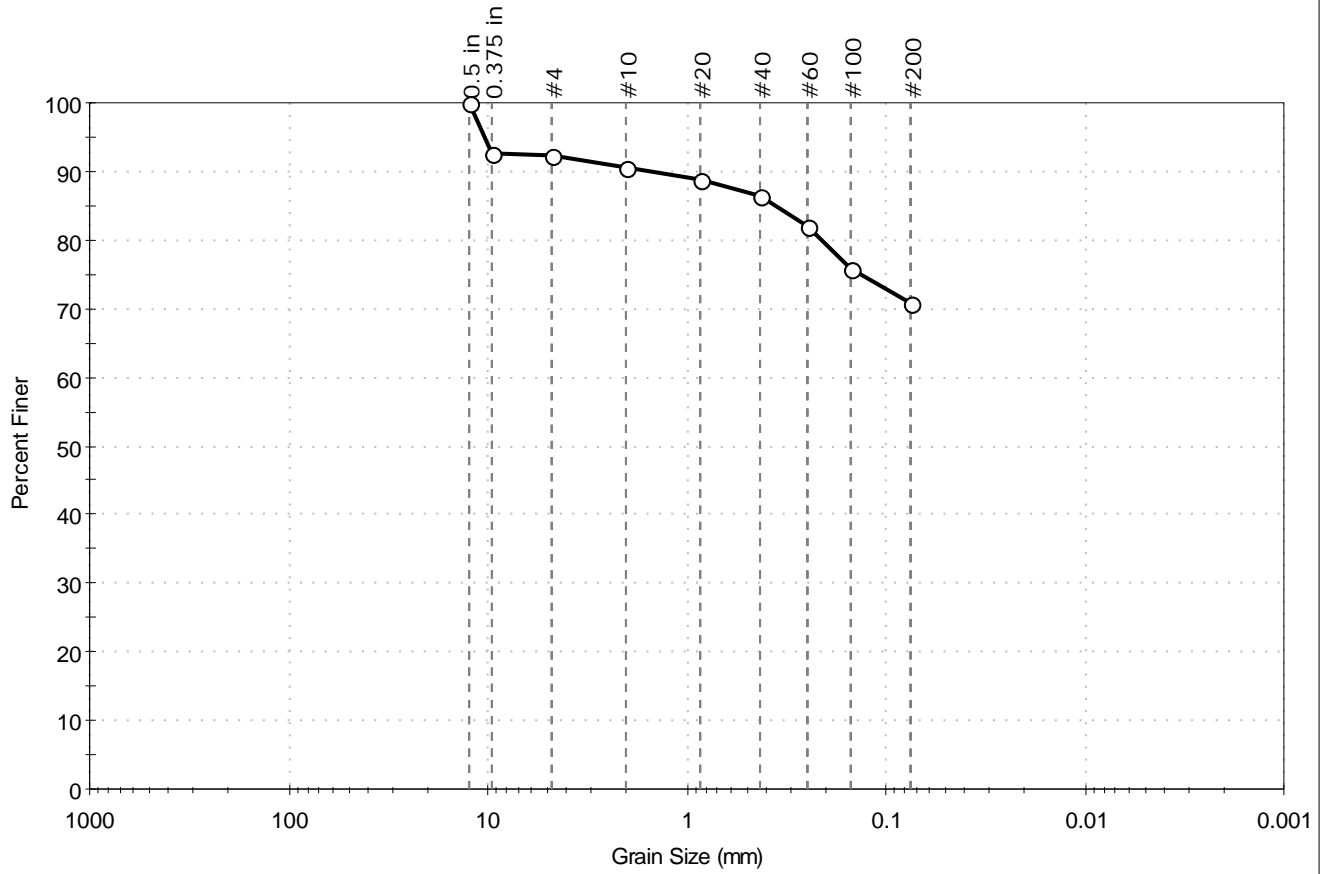
<u>Classification</u>	
ASTM	N/A
AASHTO	Silty Gravel and Sand (A-2-4 (0))

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	
Location: ---	
Boring ID: ---	Sample Type: jar
Sample ID: SD140F1303FSH	Tested By: jbr
Depth: ---	Test Date: 01/25/16
Test Comment: ---	Checked By: emm
Visual Description: Moist, black silt with sand	Test Id: 361875
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	7.6	21.7	70.7

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.5 in	12.50	100		
0.375 in	9.50	93		
#4	4.75	92		
#10	2.00	91		
#20	0.85	89		
#40	0.42	87		
#60	0.25	82		
#100	0.15	76		
#200	0.075	71		

<u>Coefficients</u>	
D ₈₅ = 0.3547 mm	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

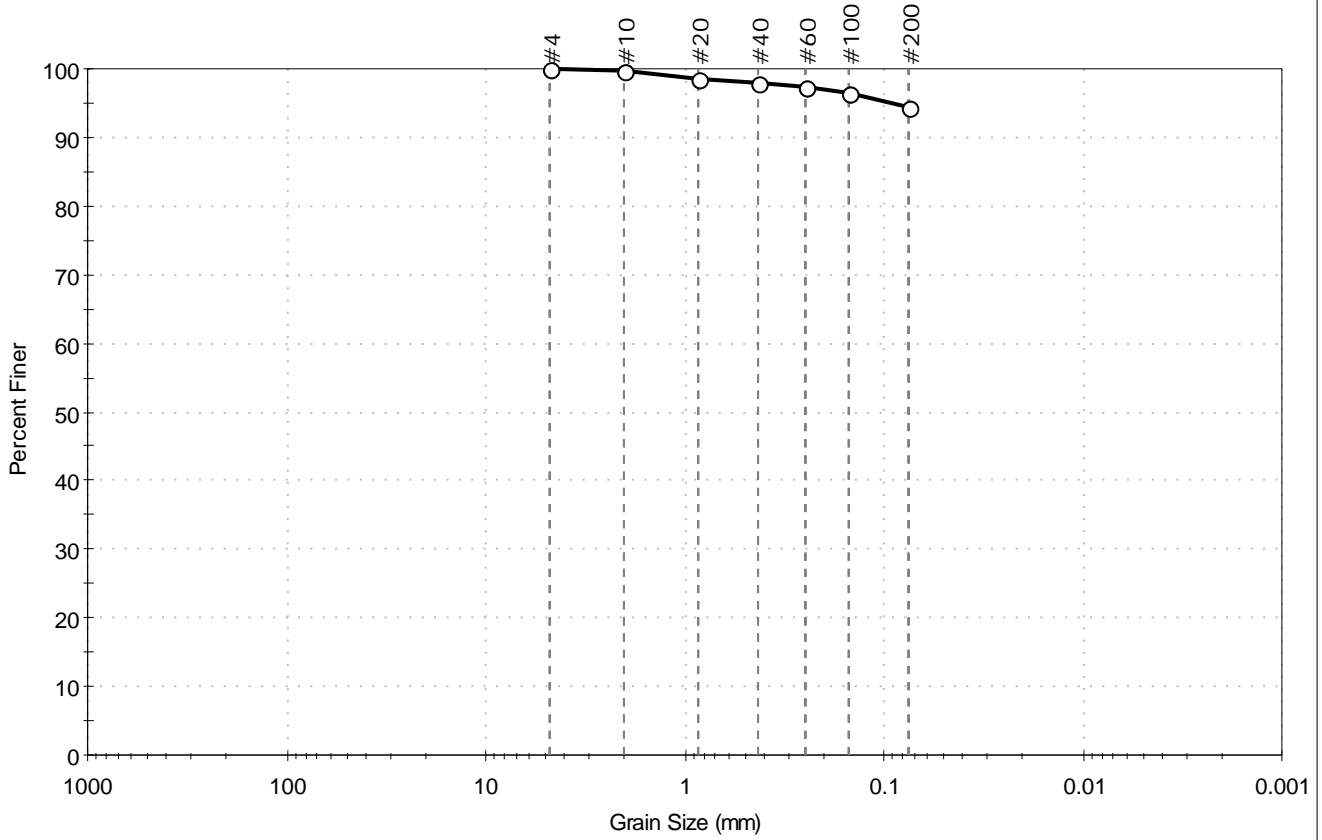
<u>Classification</u>	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ROUNDED
Sand/Gravel Hardness : HARD



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	
Location: ---	
Boring ID: ---	Sample Type: jar
Sample ID: SD140F1603FSH	Test Date: 01/25/16
Depth: ---	Test Id: 361874
Test Comment: ---	Tested By: jbr
Visual Description: Moist, black silt	Checked By: emm
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	5.7	94.3

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	98		
#60	0.25	97		
#100	0.15	96		
#200	0.075	94		

<u>Coefficients</u>	
D ₈₅ = N/A	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

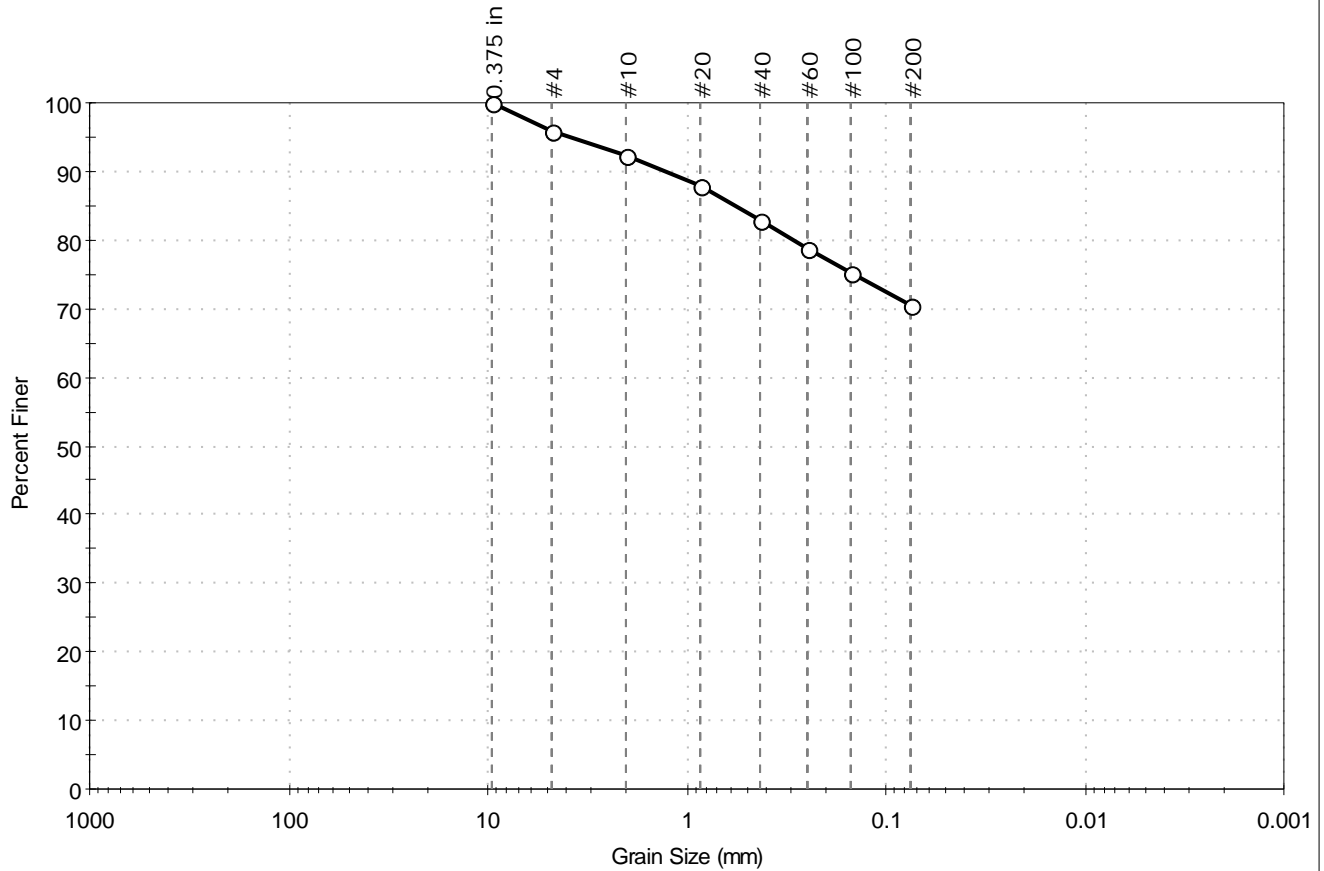
<u>Classification</u>	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEF Sediment Samples	
Location: ---	
Boring ID: ---	Sample Type: jar
Sample ID: SD140F1703FSH	Test Date: 01/25/16
Depth: ---	Test Id: 361873
Test Comment: ---	Tested By: jbr
Visual Description: Moist, black silt with sand	Checked By: emm
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	4.2	25.3	70.5

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.375 in	9.50	100		
#4	4.75	96		
#10	2.00	92		
#20	0.85	88		
#40	0.42	83		
#60	0.25	79		
#100	0.15	75		
#200	0.075	70		

<u>Coefficients</u>	
D ₈₅ = 0.5671 mm	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

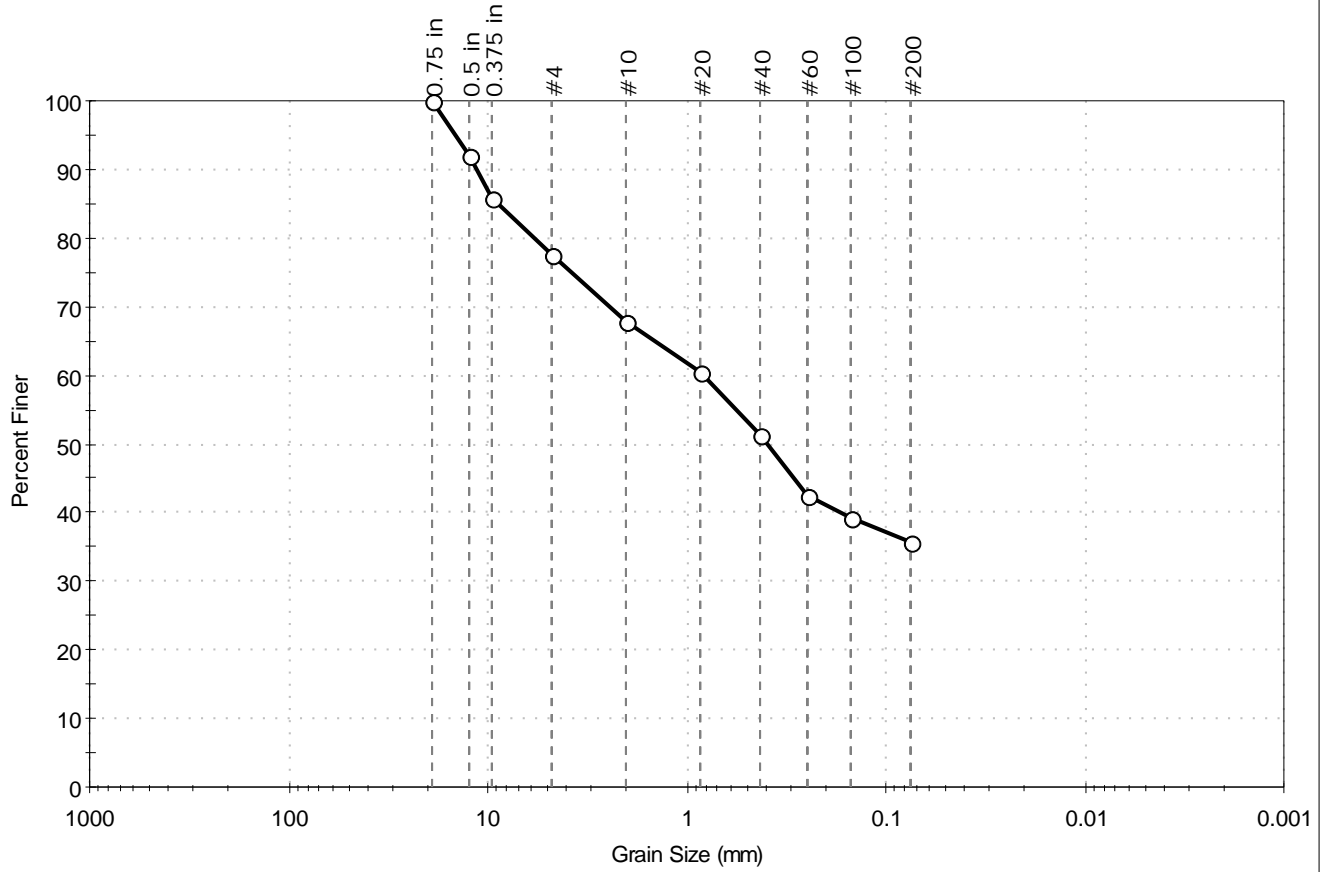
<u>Classification</u>	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ROUNDED
Sand/Gravel Hardness : HARD



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	
Location: ---	
Boring ID: ---	Sample Type: jar
Sample ID: SD140F1803FSH	Test Date: 01/25/16
Depth: ---	Test Id: 361872
Test Comment: ---	Tested By: jbr
Visual Description: Moist, gray silty sand with gravel	Checked By: emm
Sample Comment: Sample contains shells	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	22.5	41.9	35.6

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.75 in	19.00	100		
0.5 in	12.50	92		
0.375 in	9.50	86		
#4	4.75	78		
#10	2.00	68		
#20	0.85	60		
#40	0.42	51		
#60	0.25	42		
#100	0.15	39		
#200	0.075	36		

<u>Coefficients</u>	
D ₈₅ = 8.8571 mm	D ₃₀ = N/A
D ₆₀ = 0.8218 mm	D ₁₅ = N/A
D ₅₀ = 0.3917 mm	D ₁₀ = N/A
C _u = N/A	C _c = N/A

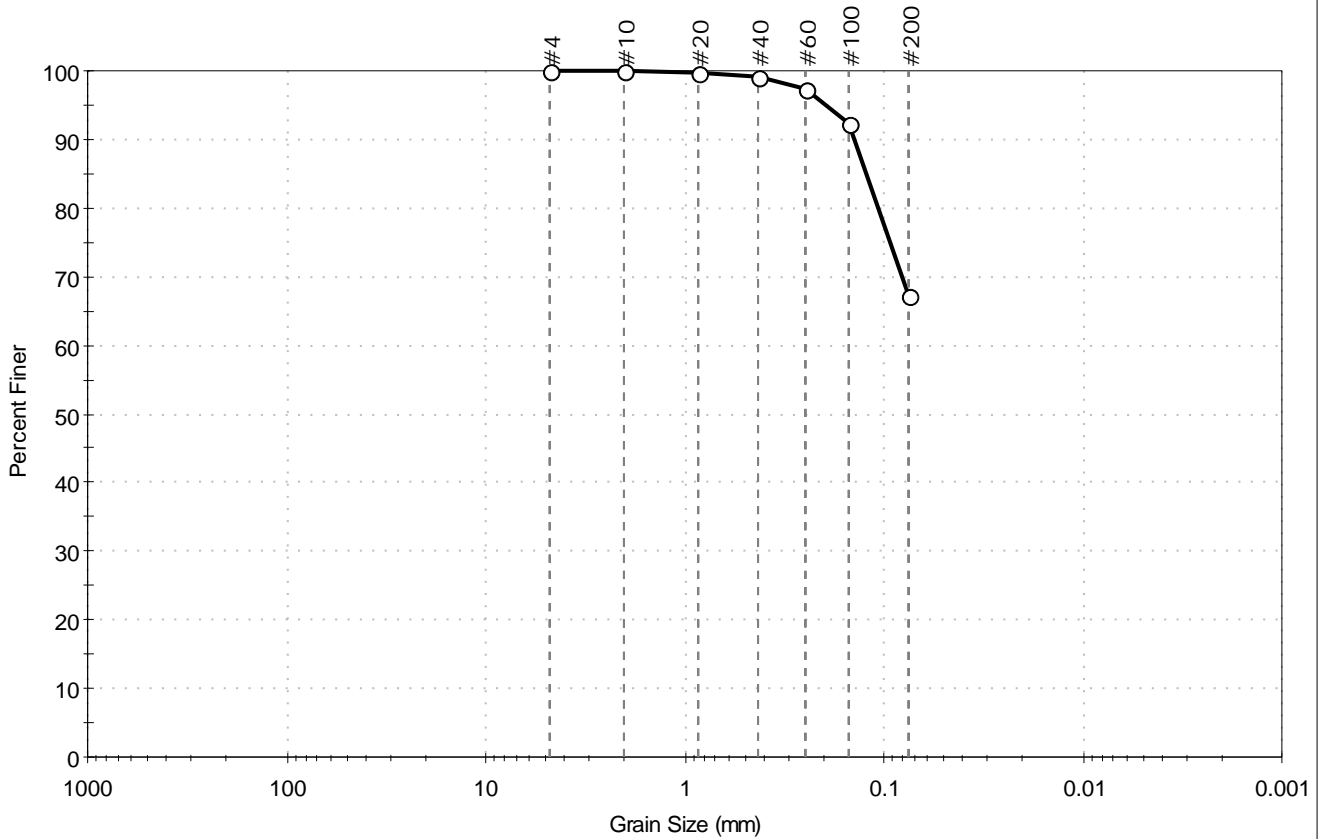
<u>Classification</u>	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ROUNDED
Sand/Gravel Hardness : HARD



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	
Location: ---	
Boring ID: ---	Sample Type: jar
Sample ID: SD14TFE603FSH	Tested By: jbr
Depth: ---	Test Date: 01/25/16
Test Comment: ---	Checked By: emm
Visual Description: Moist, black sandy silt	Test Id: 361871
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	32.7	67.3

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	100		
#40	0.42	99		
#60	0.25	97		
#100	0.15	92		
#200	0.075	67		

<u>Coefficients</u>	
D ₈₅ = 0.1221 mm	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

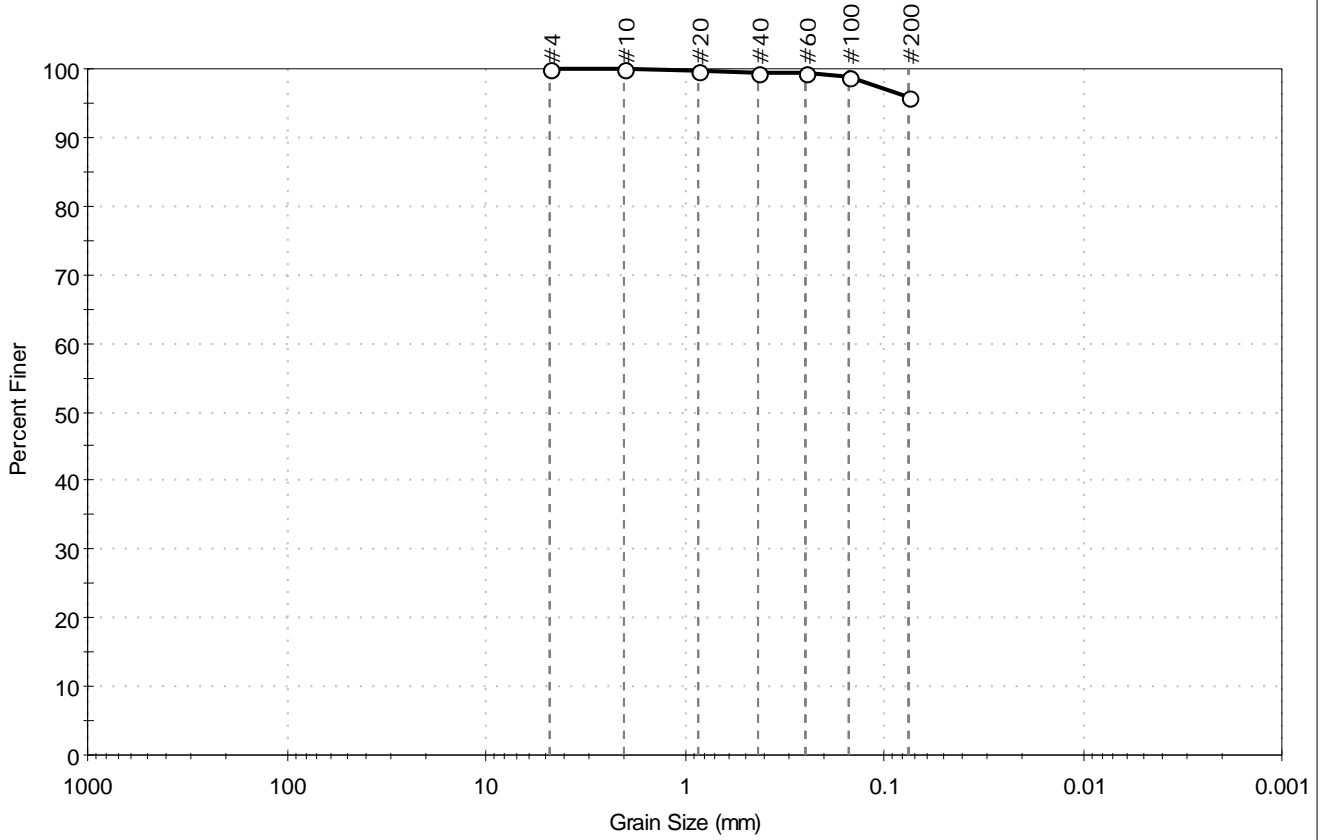
<u>Classification</u>	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	
Location: ---	
Boring ID: ---	Sample Type: jar
Sample ID: SD14TFG503FSH	Test Date: 01/25/16
Depth: ---	Test Id: 361878
Test Comment: ---	Tested By: jbr
Visual Description: Moist, gray silt	Checked By: emm
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	4.1	95.9

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	100		
#40	0.42	99		
#60	0.25	99		
#100	0.15	99		
#200	0.075	96		

<u>Coefficients</u>	
D ₈₅ = N/A	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

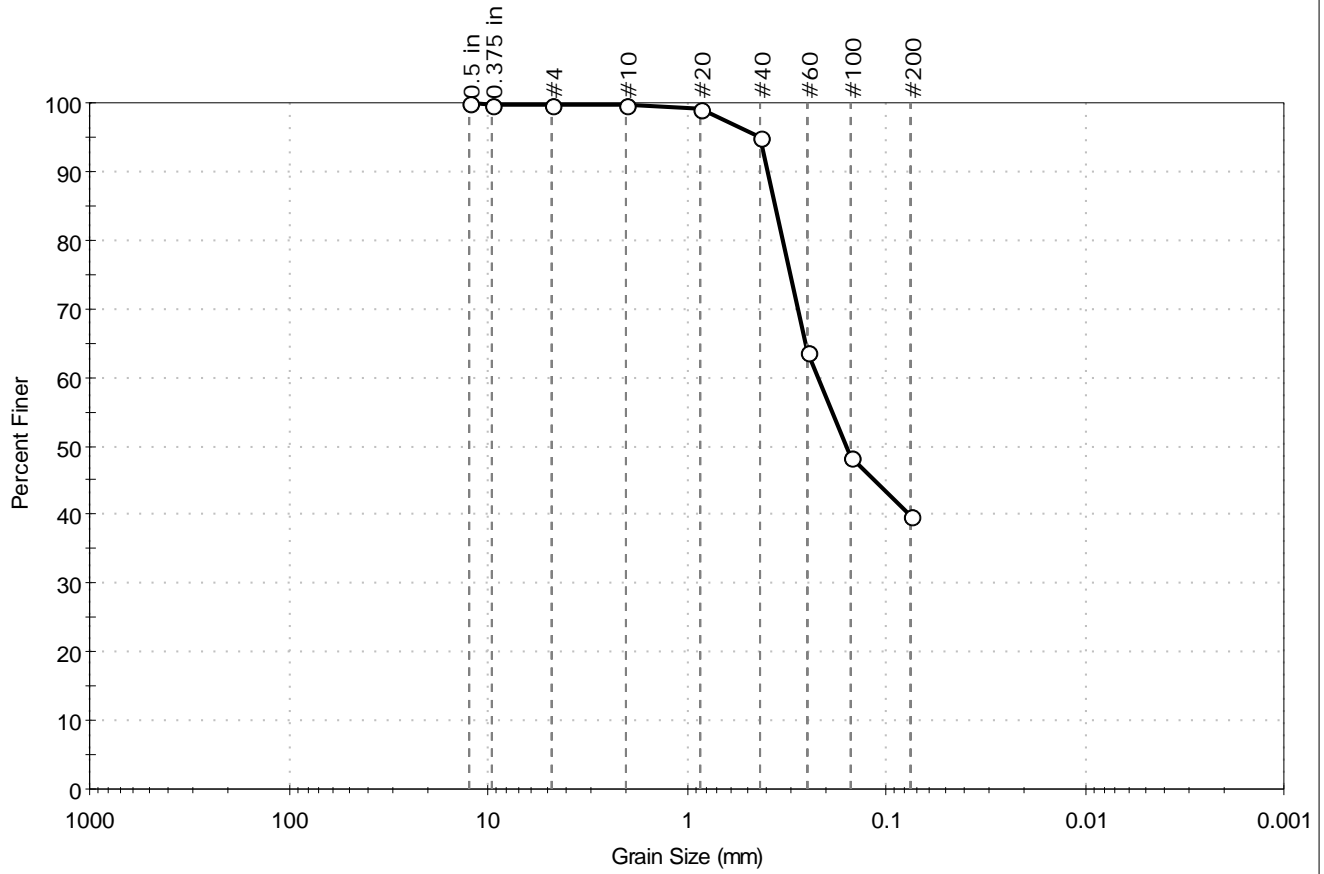
<u>Classification</u>	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	
Location: ---	
Boring ID: ---	Sample Type: jar
Sample ID: SD14TFH503FSH	Tested By: jbr
Depth: ---	Test Date: 01/25/16
Test Comment: ---	Checked By: emm
Visual Description: Moist, black silty sand	Test Id: 361879
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.4	59.8	39.8

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.5 in	12.50	100		
0.375 in	9.50	100		
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	95		
#60	0.25	64		
#100	0.15	48		
#200	0.075	40		

<u>Coefficients</u>	
D ₈₅ = 0.3588 mm	D ₃₀ = N/A
D ₆₀ = 0.2211 mm	D ₁₅ = N/A
D ₅₀ = 0.1582 mm	D ₁₀ = N/A
C _u = N/A	C _c = N/A

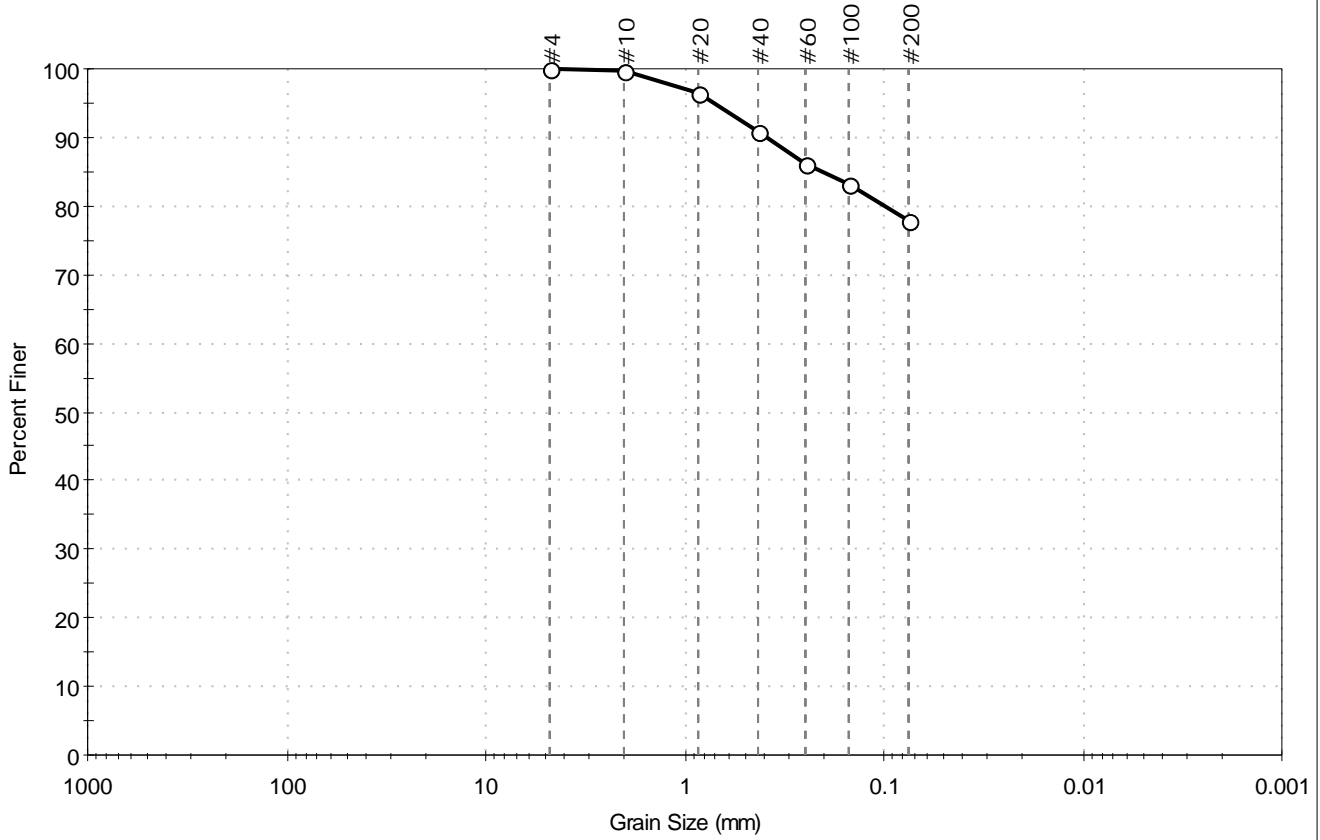
<u>Classification</u>	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	
Location: ---	
Boring ID: ---	Sample Type: jar
Sample ID: SD14TFL303FSH	Test Date: 01/25/16
Depth: ---	Test Id: 361870
Test Comment: ---	Tested By: jbr
Visual Description: Moist, black silt with sand	Checked By: emm
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	22.3	77.7

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	96		
#40	0.425	91		
#60	0.25	86		
#100	0.15	83		
#200	0.075	78		

<u>Coefficients</u>	
D ₈₅ = 0.2021 mm	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

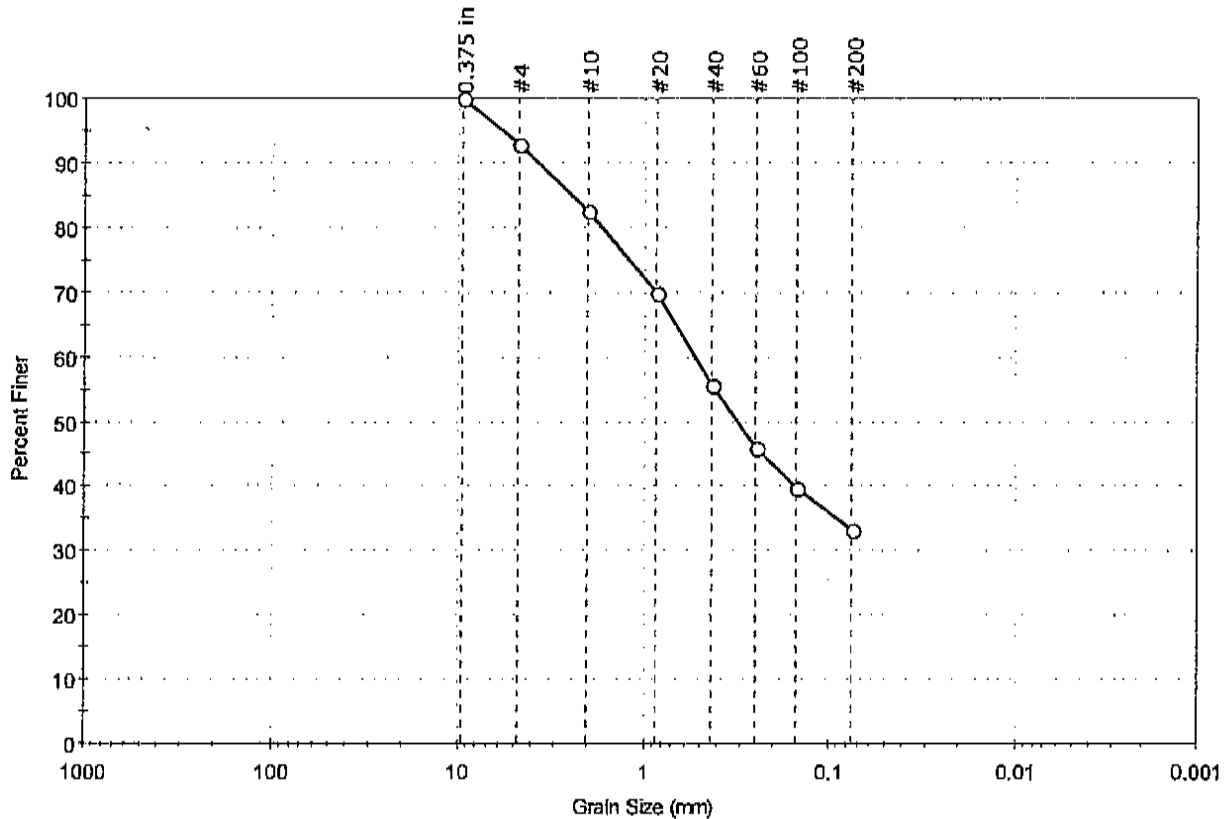
<u>Classification</u>	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.
 Project: SAEP Sediment Samples
 Location: --- Project No: GTX-304024
 Boring ID: 25823-004 Sample Type: jar Tested By: GA
 Sample ID: SD140F1702FS Test Date: 11/25/15 Checked By: cmm
 Depth: --- Test Id: 354715
 Test Comment: ---
 Visual Description: Moist, black silty sand
 Sample Comment: ---

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	7.0	59.8	33.2

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.375 in	9.50	100		
#4	4.75	93		
#10	2.00	83		
#20	0.85	70		
#40	0.42	56		
#60	0.25	46		
#100	0.15	40		
#200	0.075	33		

<u>Coefficients</u>	
D ₈₅ = 2.4314 mm	D ₃₀ = N/A
D ₆₀ = 0.5235 mm	D ₁₅ = N/A
D ₅₀ = 0.3109 mm	D ₁₀ = N/A
C _u = N/A	C _c = N/A

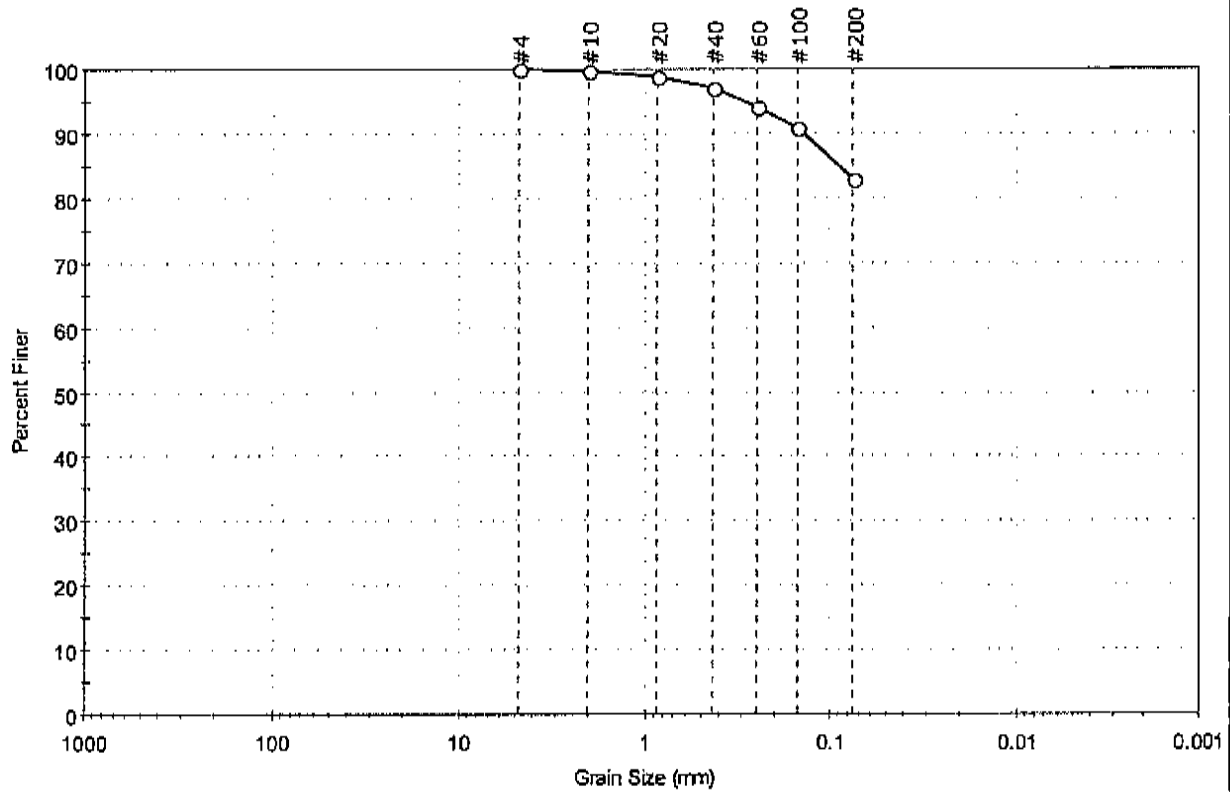
<u>Classification</u>	
ASTM	N/A
AASHTO	Silty Gravel and Sand (A-2-4 (0))

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ANGULAR
Sand/Gravel Hardness : HARD



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	
Location: ---	
Boring ID: 25823-006	Sample Type: jar
Sample ID: SD14OF1602FS	Test Date: 11/25/15
Depth: ---	Test Id: 354716
Test Comment: ---	Tested By: GA
Visual Description: Moist, black silt with sand	Checked By: emm
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	17.2	82.8

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.425	97		
#60	0.25	94		
#100	0.15	91		
#200	0.075	83		

Coefficients	
D ₈₅ = 0.0907 mm	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

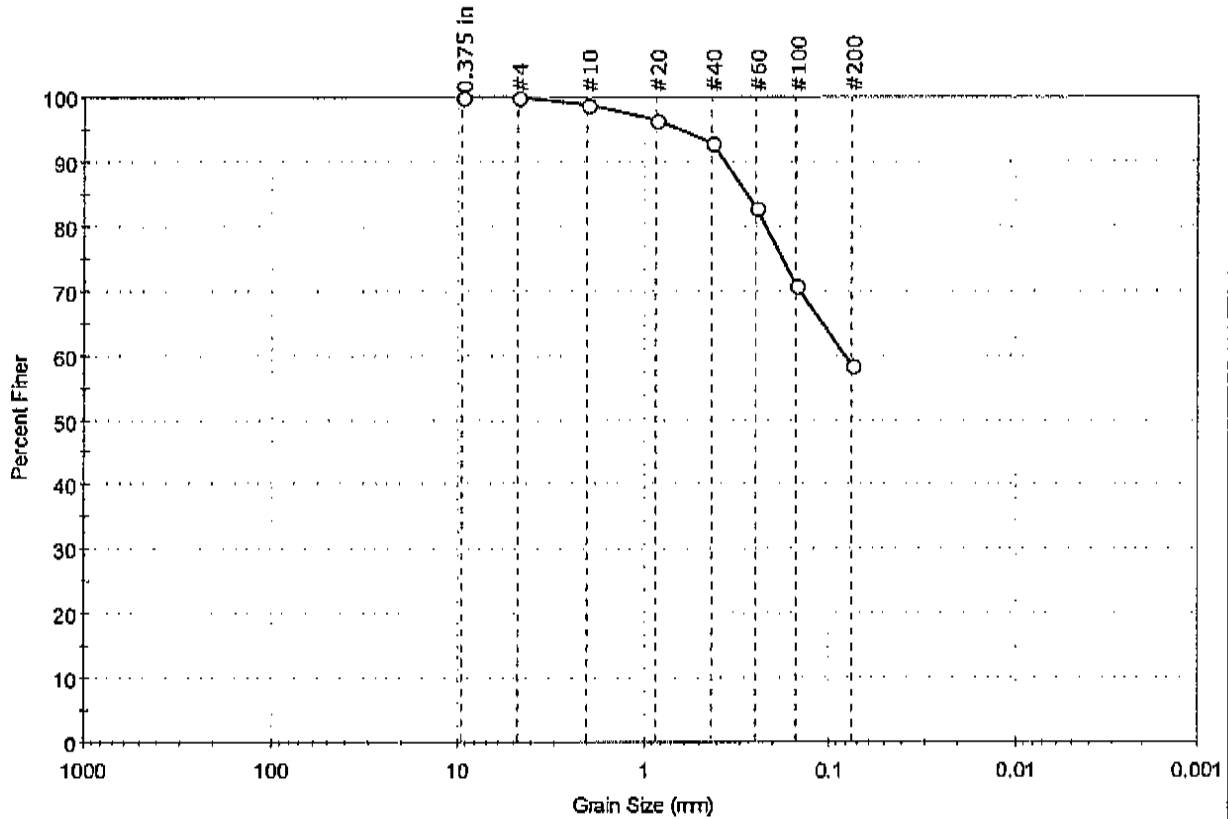
Classification	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

Sample/Test Description
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	Tested By: GA
Location: ---	Checked By: emm
Boring ID: 25823-010	Sample Type: jar
Sample ID: SD14OF1302FS	Test Date: 11/25/15
Depth: ---	Test Id: 354717
Test Comment: ---	
Visual Description: Moist, black sandy silt	
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.1	41.4	58.5

Sieve Name	Sieve Size, mm	Percent Finer	Spac. Percent	Complies
0.375 in	9.50	100		
#4	4.75	100		
#10	2.00	99		
#20	0.85	97		
#40	0.42	93		
#60	0.25	83		
#100	0.15	71		
#200	0.075	59		

Coefficients	
D ₈₅ = 0.2810 mm	D ₃₀ = N/A
D ₆₀ = 0.0816 mm	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

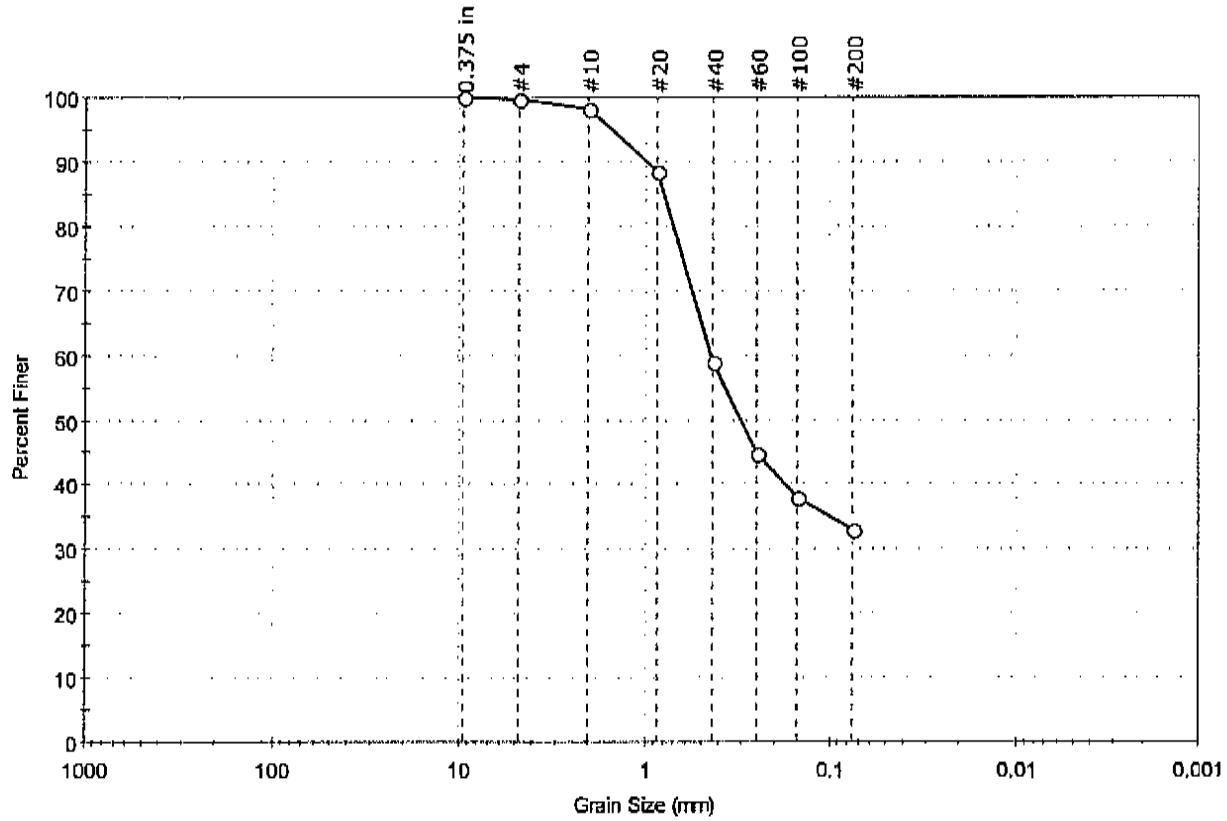
Classification	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

Sample/Test Description
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	
Location: ---	Tested By: GA
Boring ID: 25823-016	Sample Type: jar
Sample ID: SD14OF1102FS	Test Date: 11/25/15
Depth: ---	Checked By: emm
Test Id: 354718	
Test Comment: ---	
Visual Description: Moist, black silty sand	
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.4	66.5	33.1

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.375 in	9.50	100		
#4	4.75	100		
#10	2.00	98		
#20	0.85	89		
#40	0.42	59		
#60	0.25	45		
#100	0.15	38		
#200	0.075	33		

<u>Coefficients</u>	
D ₈₅ = 0.7821 mm	D ₃₀ = N/A
D ₆₀ = 0.4340 mm	D ₁₅ = N/A
D ₅₀ = 0.3026 mm	D ₁₀ = N/A
C _u = N/A	C _c = N/A

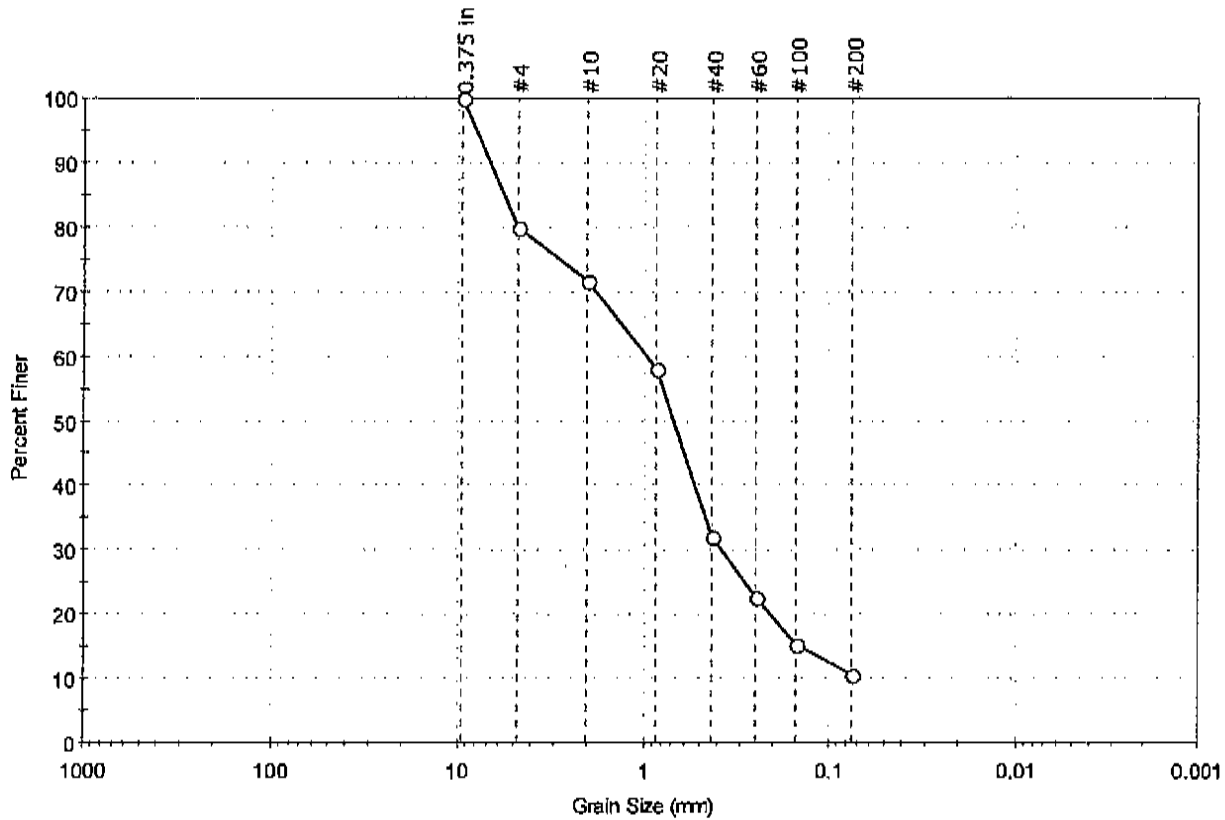
<u>Classification</u>	
ASTM	N/A
AASHTO	Silty Gravel and Sand (A-2-4 (0))

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	
Location: ---	
Boring ID: 25823-022	Sample Type: jar
Sample ID: SD14OF0802FS	Test Date: 11/25/15
Depth: ---	Test Id: 354719
Test Comment: ---	Tested By: GA
Visual Description: Moist, very dark grayish brown sand with silt and gravel	Checked By: emm
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	20.0	69.5	10.5

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.375 in	9.50	100		
#4	4.75	80		
#10	2.00	72		
#20	0.85	58		
#40	0.42	32		
#60	0.25	23		
#100	0.15	15		
#200	0.075	11		

Coefficients	
D ₈₅ = 5.6499 mm	D ₃₀ = 0.3760 mm
D ₆₀ = 0.9632 mm	D ₁₅ = 0.1409 mm
D ₅₀ = 0.6856 mm	D ₁₀ = N/A
C _u = N/A	C _c = N/A

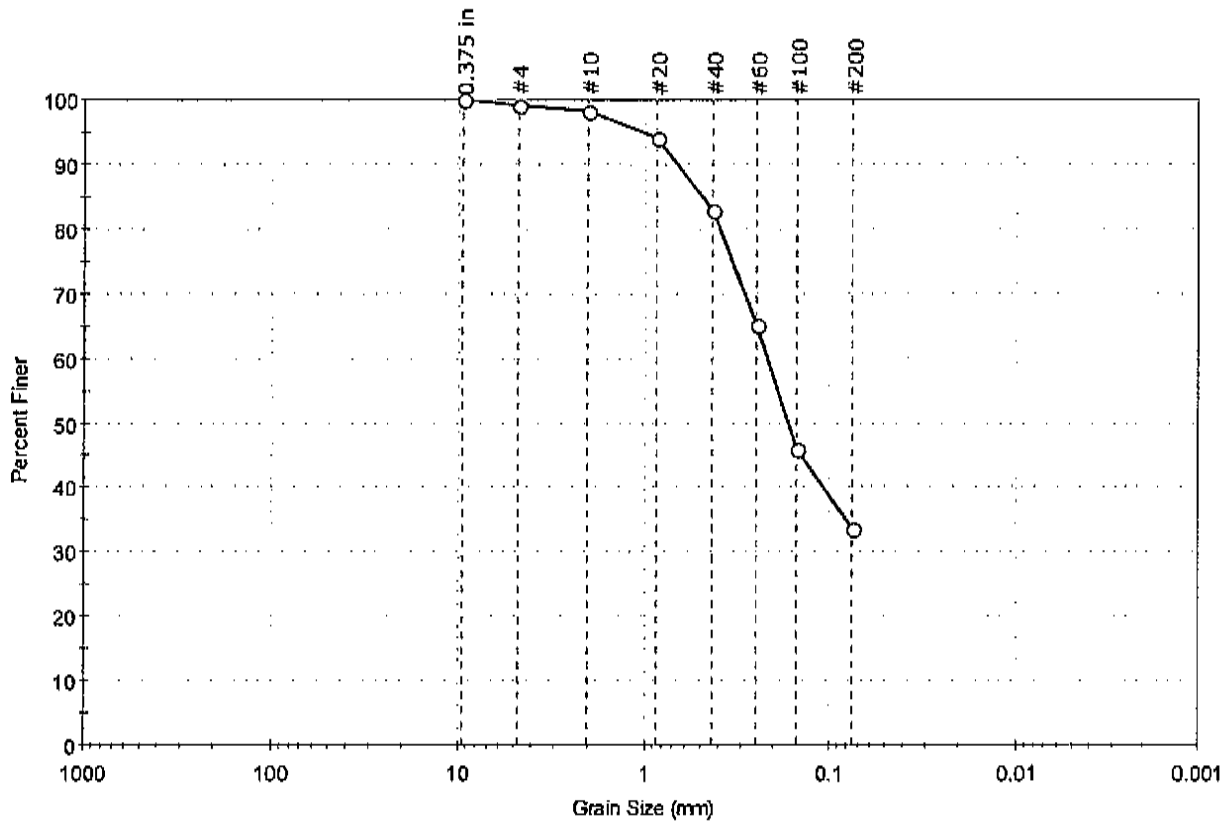
Classification	
ASTM	N/A
AASHTO	Stone Fragments, Gravel and Sand (A-1-b (0))

Sample/Test Description
Sand/Gravel Particle Shape : ANGULAR
Sand/Gravel Hardness : HARD



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	
Location: ---	Tested By: GA
Boring ID: 25823-025	Sample Type: jar
Sample ID: SD14OF0602FS	Test Date: 11/25/15
Depth: ---	Checked By: emm
Test Comment: ---	Test Id: 354720
Visual Description: Moist, black silty sand	
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	1.0	65.2	33.8

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.375 in	9.50	100		
#4	4.75	99		
#10	2.00	98		
#20	0.85	94		
#40	0.42	83		
#60	0.25	65		
#100	0.15	46		
#200	0.075	34		

Coefficients	
D ₈₅ = 0.4858 mm	D ₃₀ = N/A
D ₆₀ = 0.2182 mm	D ₁₅ = N/A
D ₅₀ = 0.1670 mm	D ₁₀ = N/A
C _u = N/A	C _c = N/A

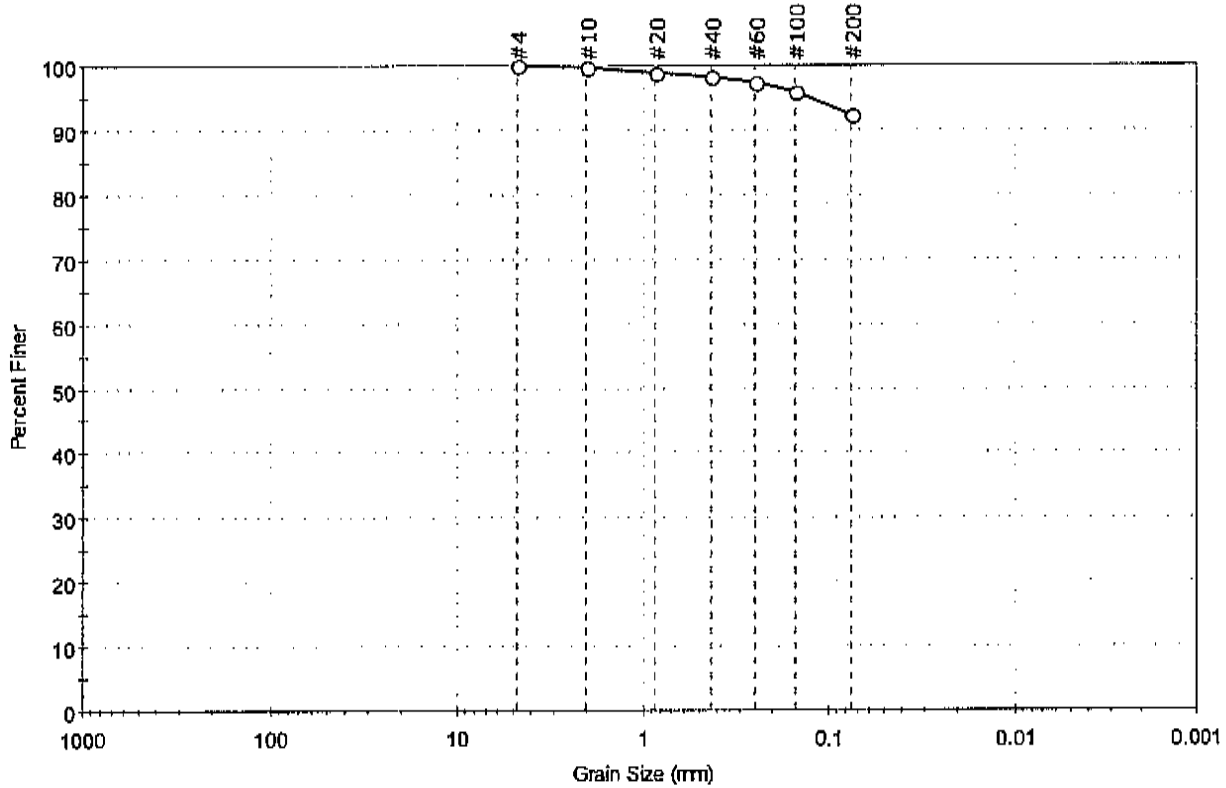
Classification	
ASTM	N/A
AASHTO	Silty Gravel and Sand (A-2-4 (0))

Sample/Test Description
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.
 Project: SAEP Sediment Samples
 Location: ---
 Boring ID: 25823-030
 Sample ID: SD14OF0302FS
 Depth: ---
 Sample Type: jar
 Test Date: 11/25/15
 Test Id: 354721
 Project No: GTX-304024
 Tested By: GA
 Checked By: emm
 Test Comment: ---
 Visual Description: Moist, very dark grayish brown silt
 Sample Comment: ---

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	7.8	92.2

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.425	98		
#60	0.25	97		
#100	0.15	95		
#200	0.075	92		

Coefficients	
D ₈₅ = N/A	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

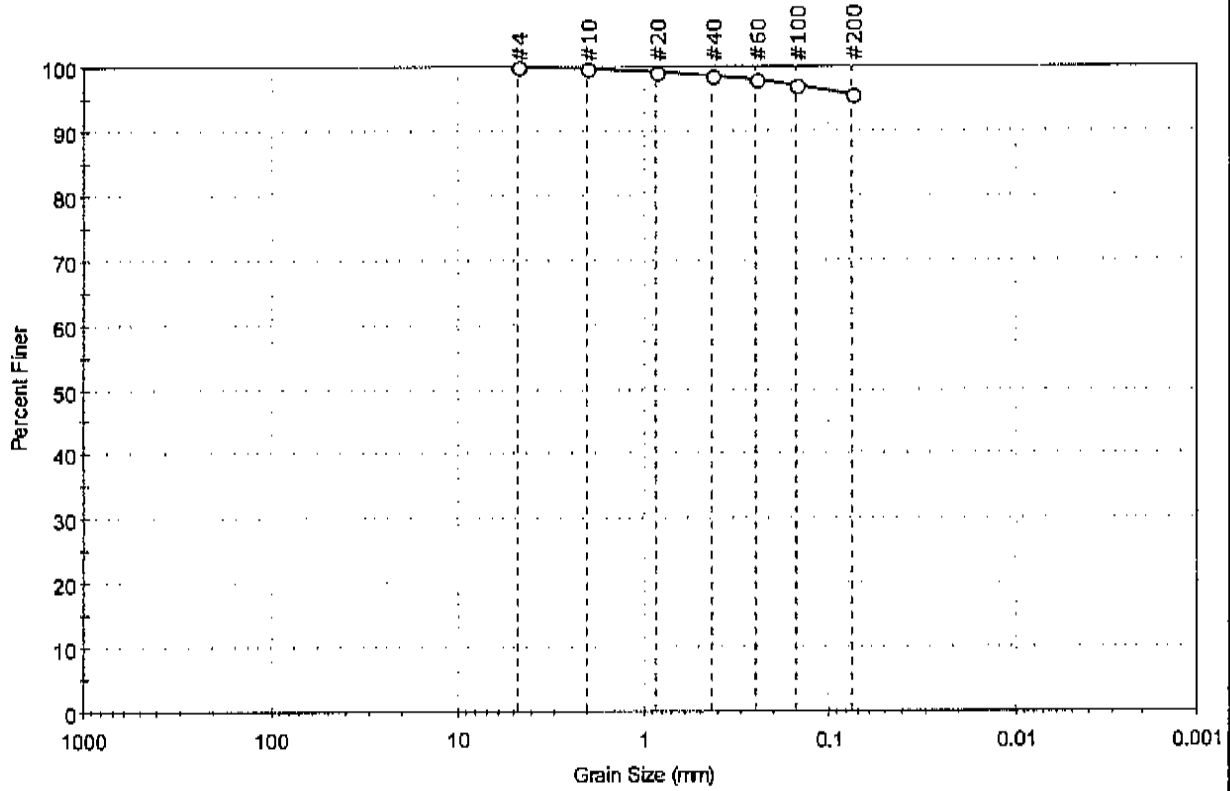
Classification	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

Sample/Test Description
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEF Sediment Samples	Tested By: GA
Location: ---	Checked By: emm
Boring ID: 25823-031	Sample Type: jar
Sample ID: SD14OF0303FSH	Test Date: 11/25/15
Depth: ---	Test Id: 354722
Test Comment: ---	
Visual Description: Molst, very dark grayish brown silt	
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	4.5	95.5

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.425	99		
#60	0.25	98		
#100	0.15	97		
#200	0.075	95		

Coefficients	
D ₈₅ = N/A	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

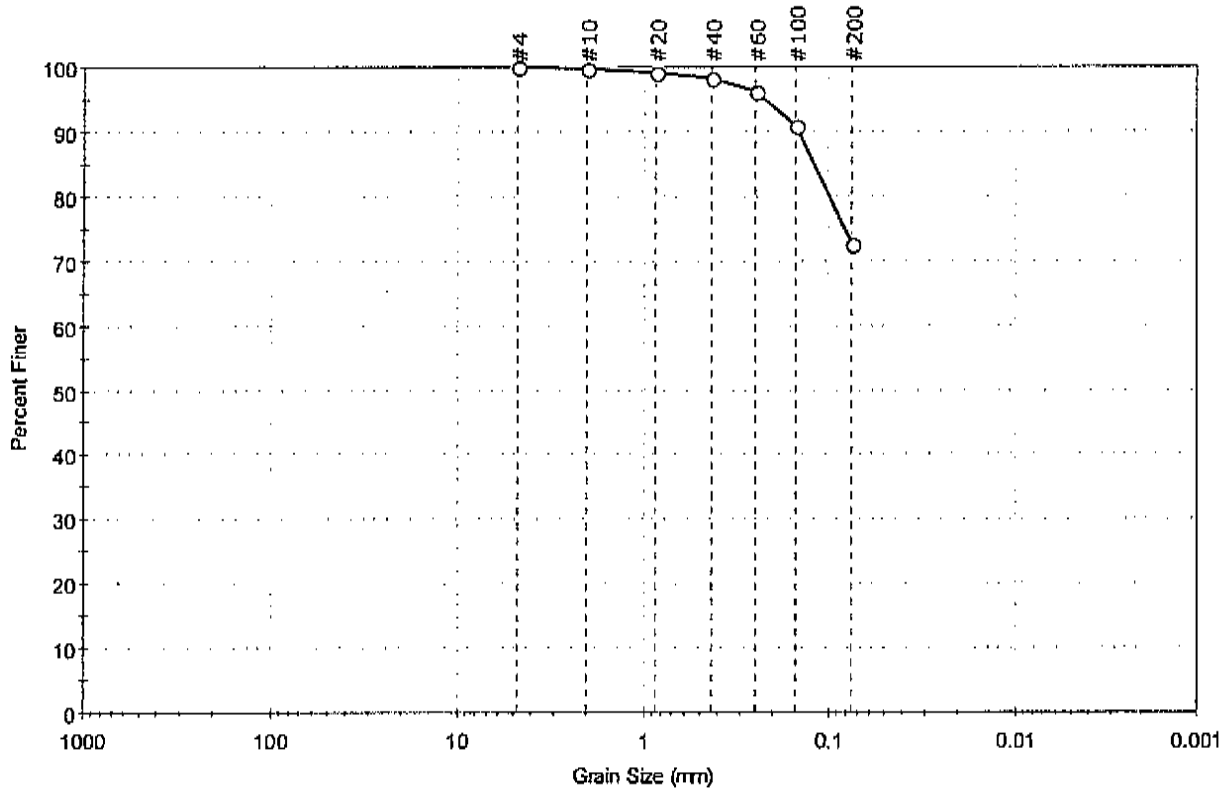
Classification	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

Sample/Test Description	
Sand/Gravel Particle Shape	: ---
Sand/Gravel Hardness	: ---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	Tested By: GA
Location: ---	Checked By: emm
Boring ID: 25822-008	Sample Type: jar
Sample ID: SD14TFE602FS	Test Date: 11/25/15
Depth: ---	Test Id: 354723
Test Comment: ---	
Visual Description: Moist, black silt with sand	
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	27.5	72.5

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	99		
#60	0.25	96		
#100	0.15	91		
#200	0.075	73		

Coefficients	
D ₈₅ = 0.1202 mm	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

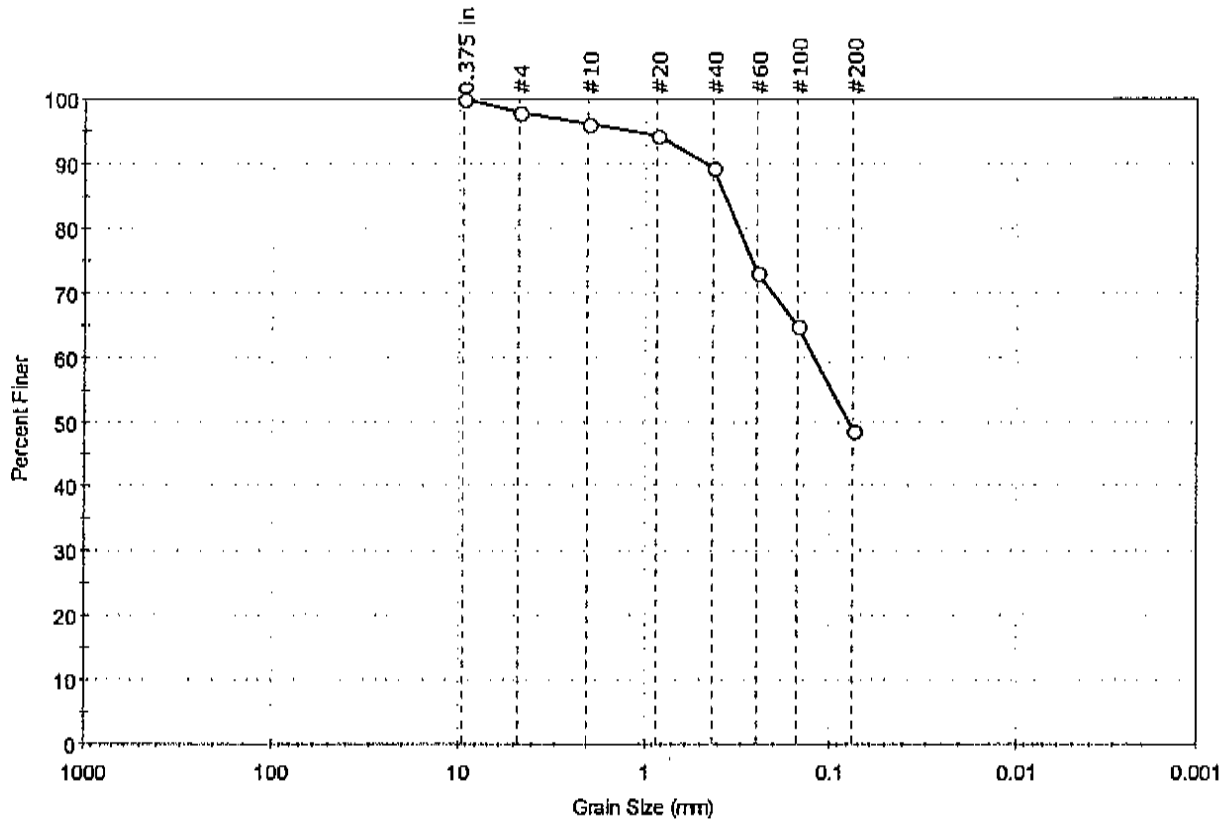
Classification	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

Sample/Test Description
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	
Location: ---	Tested By: GA
Boring ID: 25822-010	Sample Type: jar
Sample ID: SD14TFG502FS	Test Date: 11/25/15
Depth: ---	Checked By: emm
Test Comment: ---	Test Id: 354724
Visual Description: Moist, black silty sand	
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	2.2	49.0	48.8

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.375 in	9.50	100		
#4	4.75	98		
#10	2.00	96		
#20	0.85	94		
#40	0.42	89		
#60	0.25	73		
#100	0.15	65		
#200	0.075	49		

Coefficients	
D ₈₅ = 0.3688 mm	D ₃₀ = N/A
D ₆₀ = 0.1217 mm	D ₁₅ = N/A
D ₅₀ = 0.0790 mm	D ₁₀ = N/A
C _u = N/A	C _c = N/A

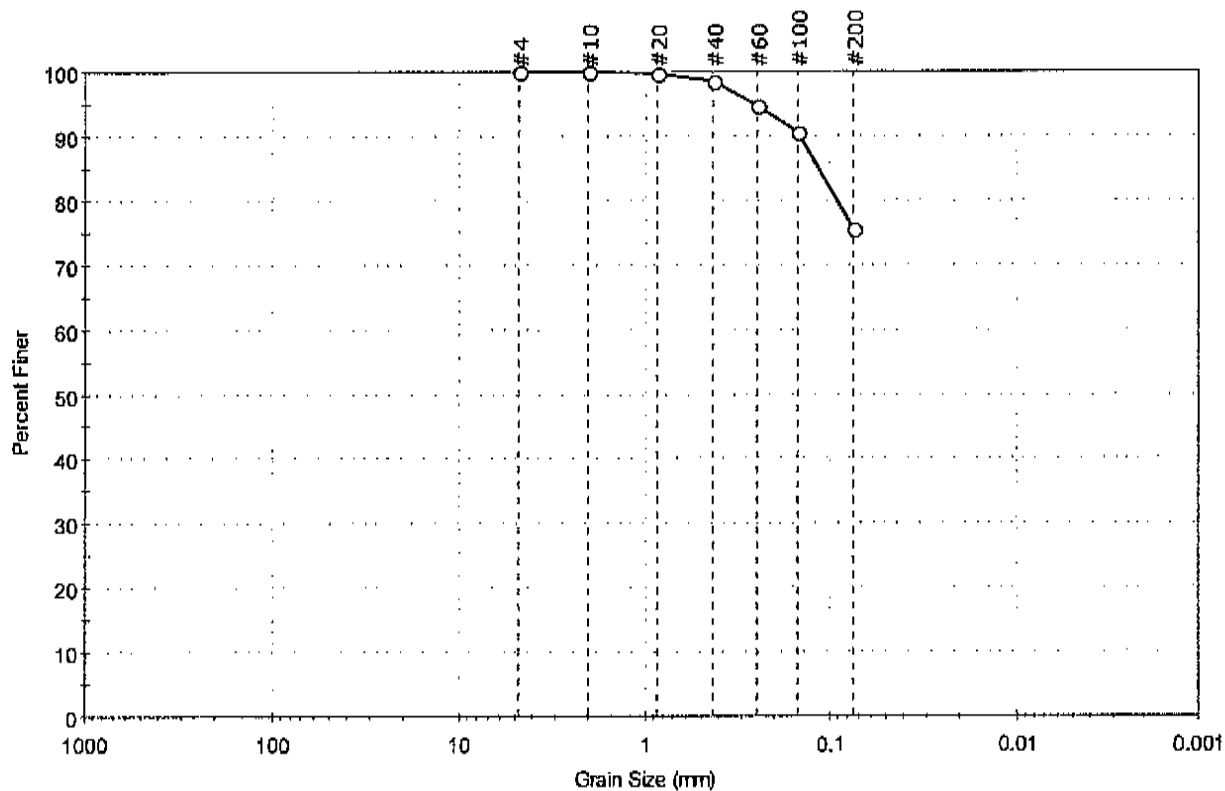
Classification	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

Sample/Test Description
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEF Sediment Samples	
Location: ---	Tested By: GA
Boring ID: 25822-030	Sample Type: jar
Sample ID: SD15TFZA6702FS	Test Date: 11/25/15
Depth: ---	Test Id: 354725
Checked By: emm	
Test Comment: ---	
Visual Description: Moist, dark gray silt with sand	
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	24.5	75.5

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	100		
#40	0.42	99		
#60	0.25	95		
#100	0.15	90		
#200	0.075	75		

Coefficients	
D ₈₅ = 0.1166 mm	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

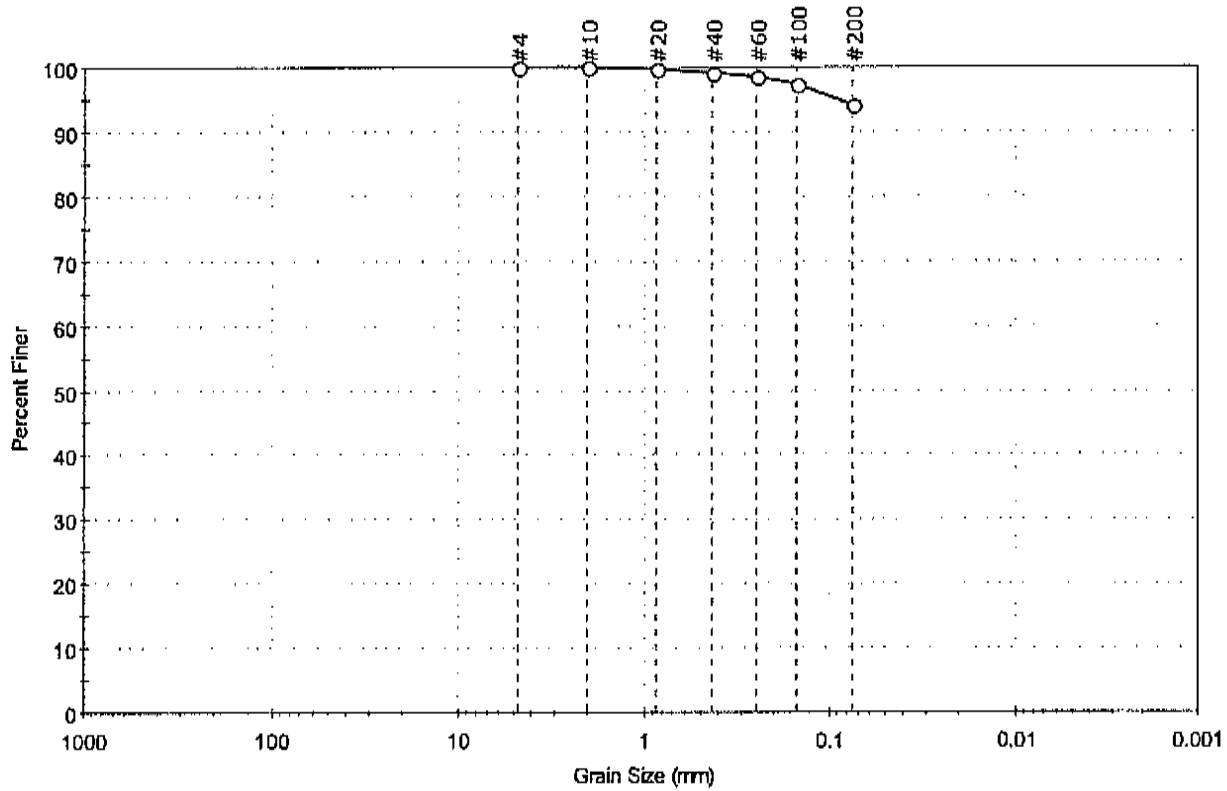
Classification	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

Sample / Test Description
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project: SAEP Sediment Samples	Project No: GTX-304024
Location: ---	Boring ID: 25822-035	Sample Type: jar
Tested By: GA	Sample ID: SD15TFAB103FS	Test Date: 11/25/15
Checked By: emm	Depth: ---	Test Id: 354726
Test Comment: ---		
Visual Description: Moist, dark gray silt		
Sample Comment: ---		

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	6.0	94.0

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	100		
#40	0.425	99		
#60	0.25	98		
#100	0.15	97		
#200	0.075	94		

Coefficients	
D ₈₅ = N/A	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

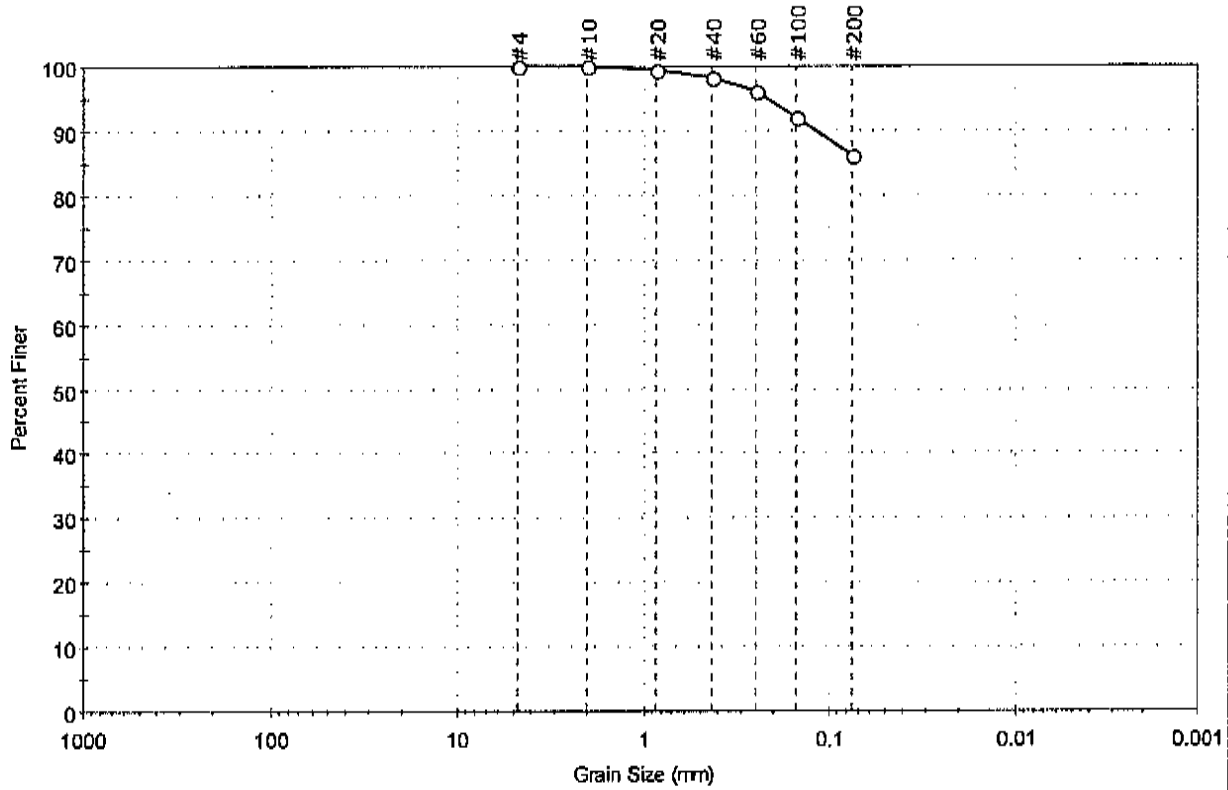
Classification	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

Sample/Test Description
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	
Location: ---	Tested By: GA
Boring ID: 25822-036	Sample Type: jar
Sample ID: SD15TFAB105FS	Test Date: 11/25/15
Depth: ---	Checked By: emm
Test Comment: ---	Test Id: 354727
Visual Description: Moist, very dark gray silt	
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	13.8	86.2

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	100		
#40	0.42	98		
#60	0.25	96		
#100	0.15	92		
#200	0.075	86		

Coefficients	
D ₈₅ = N/A	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

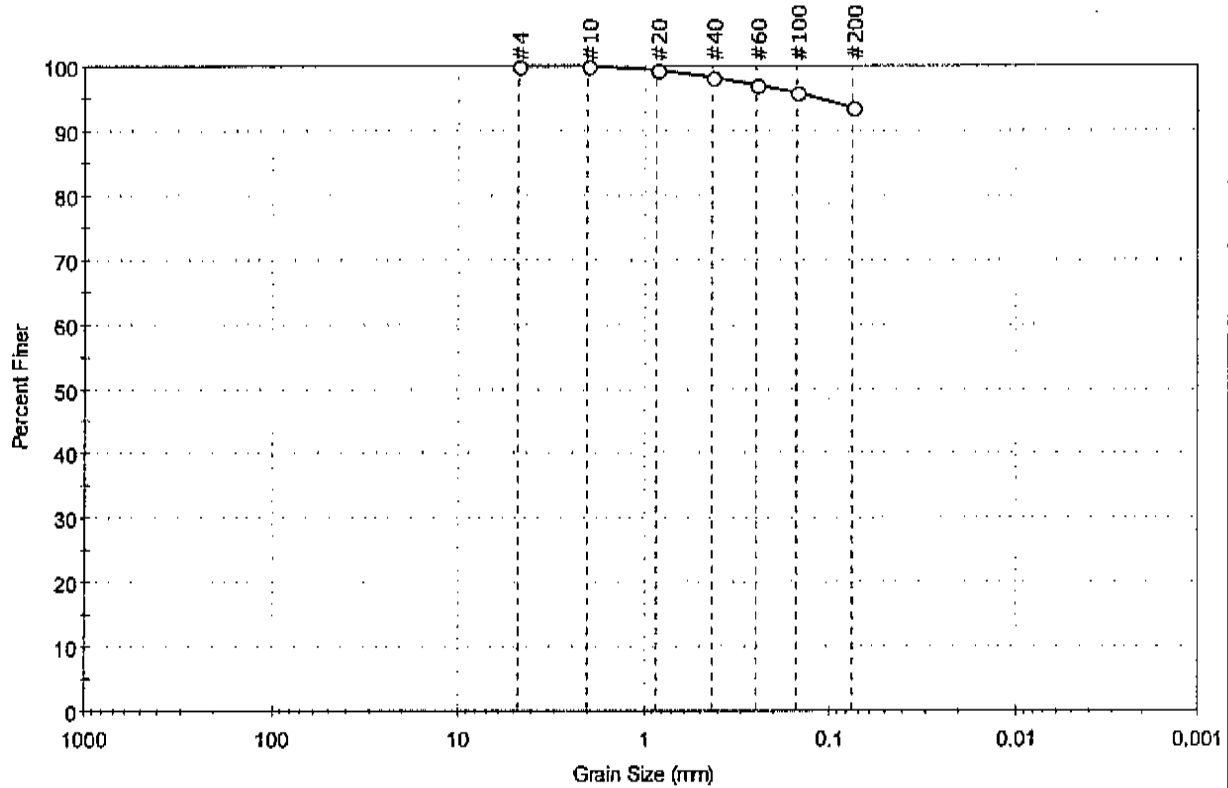
Classification	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

Sample/Test Description
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	
Location: ---	
Boring ID: 25822-037	Sample Type: jar
Sample ID: SD15TFAB107FS	Test Date: 11/25/15
Depth: ---	Test Id: 354728
Test Comment: ---	Tested By: GA
Visual Description: Moist, very dark gray silt	Checked By: emm
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	6.5	93.5

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	98		
#60	0.25	97		
#100	0.15	96		
#200	0.075	93		

<u>Coefficients</u>	
D ₈₅ = N/A	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

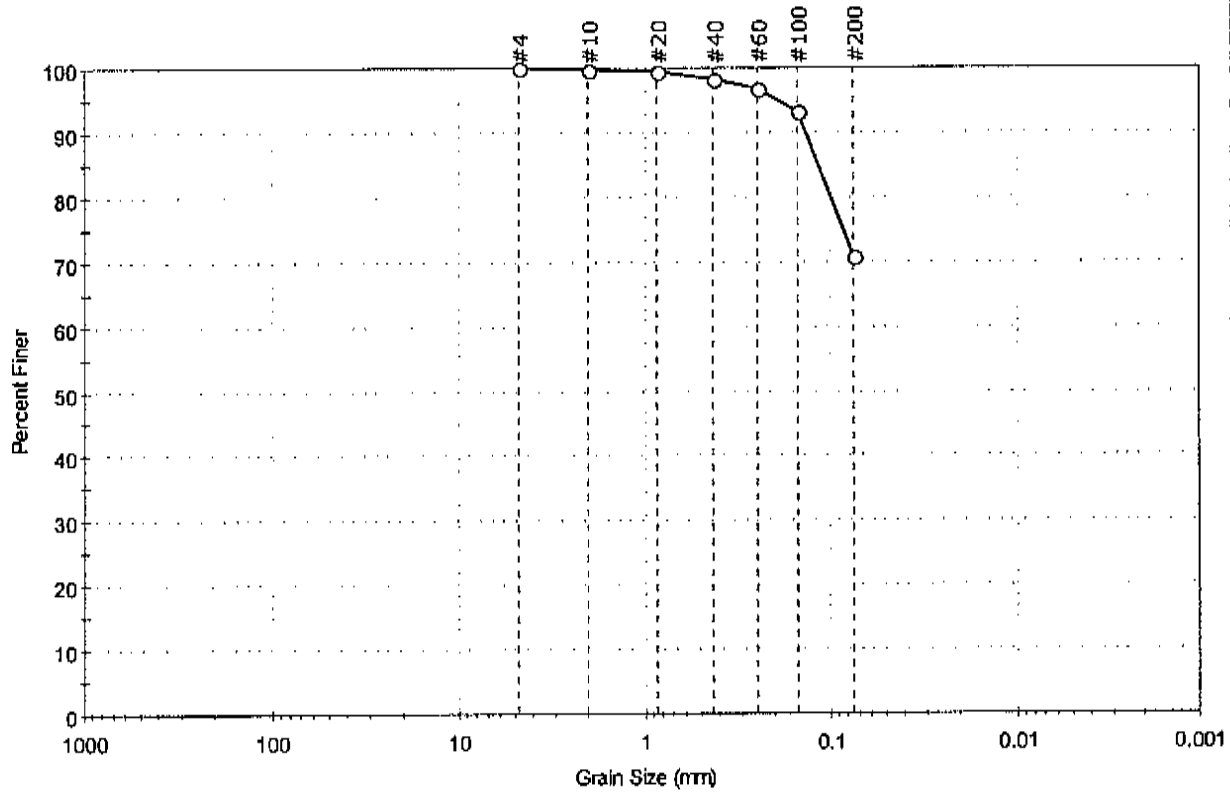
<u>Classification</u>	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	Tested By: GA
Location: ---	Checked By: emm
Boring ID: 25819-002	Sample Type: jar
Sample ID: SD14TFH502FS	Test Date: 11/25/15
Depth: ---	Test Id: 354738
Test Comment: ---	
Visual Description: Moist, black silt with sand	
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	29.2	70.8

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.425	98		
#60	0.25	97		
#100	0.15	93		
#200	0.075	71		

Coefficients	
D ₈₅ = 0.1162 mm	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

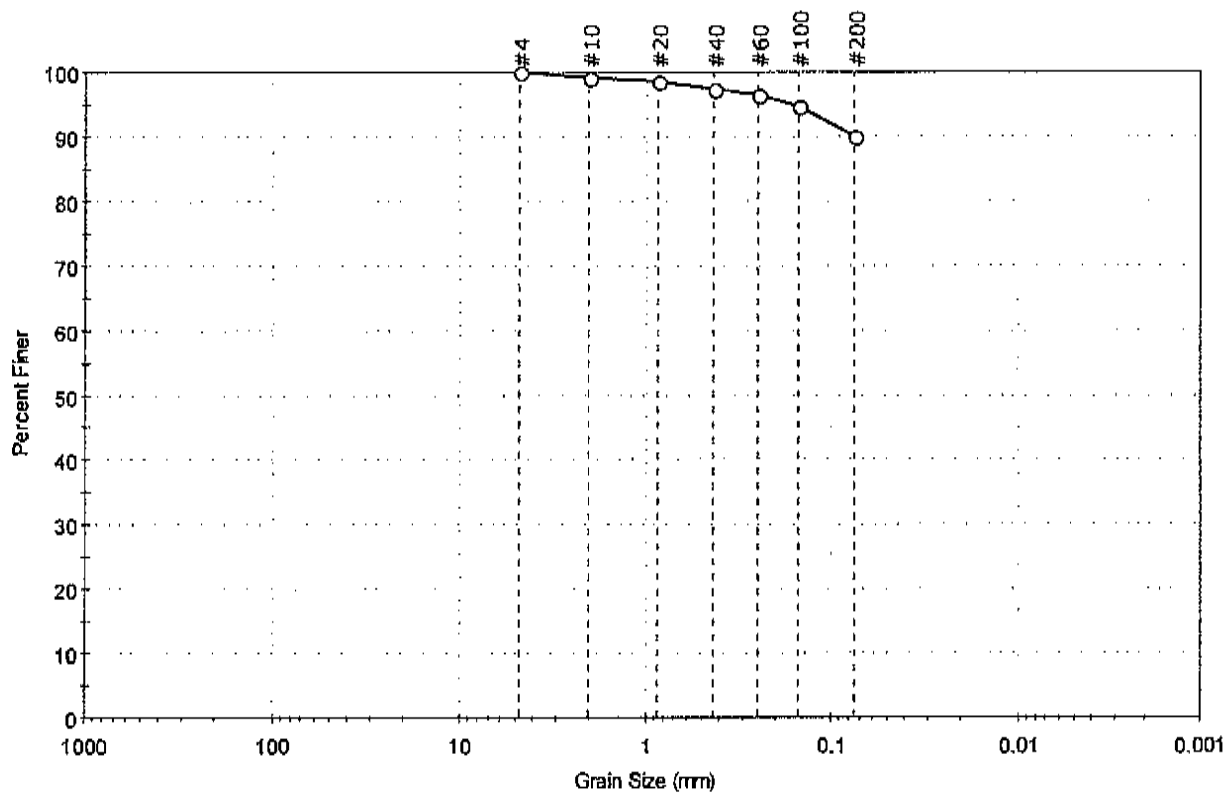
Classification	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

Sample/Test Description
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.
 Project: SAEP Sediment Samples
 Location: --- Project No: GTX-304024
 Boring ID: 25819-009 Sample Type: jar Tested By: GA
 Sample ID: SD15TFF700FS Test Date: 11/25/15 Checked By: emm
 Depth: --- Test Id: 354729
 Test Comment: ---
 Visual Description: Moist, very dark gray silt
 Sample Comment: ---

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	10.1	89.9

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	99		
#20	0.85	99		
#40	0.42	97		
#60	0.25	96		
#100	0.15	95		
#200	0.075	90		

Coefficients

D ₈₅ = N/A	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

Classification

ASTM N/A

AASHTO Silty Soils (A-4 (0))

Sample/Test Description

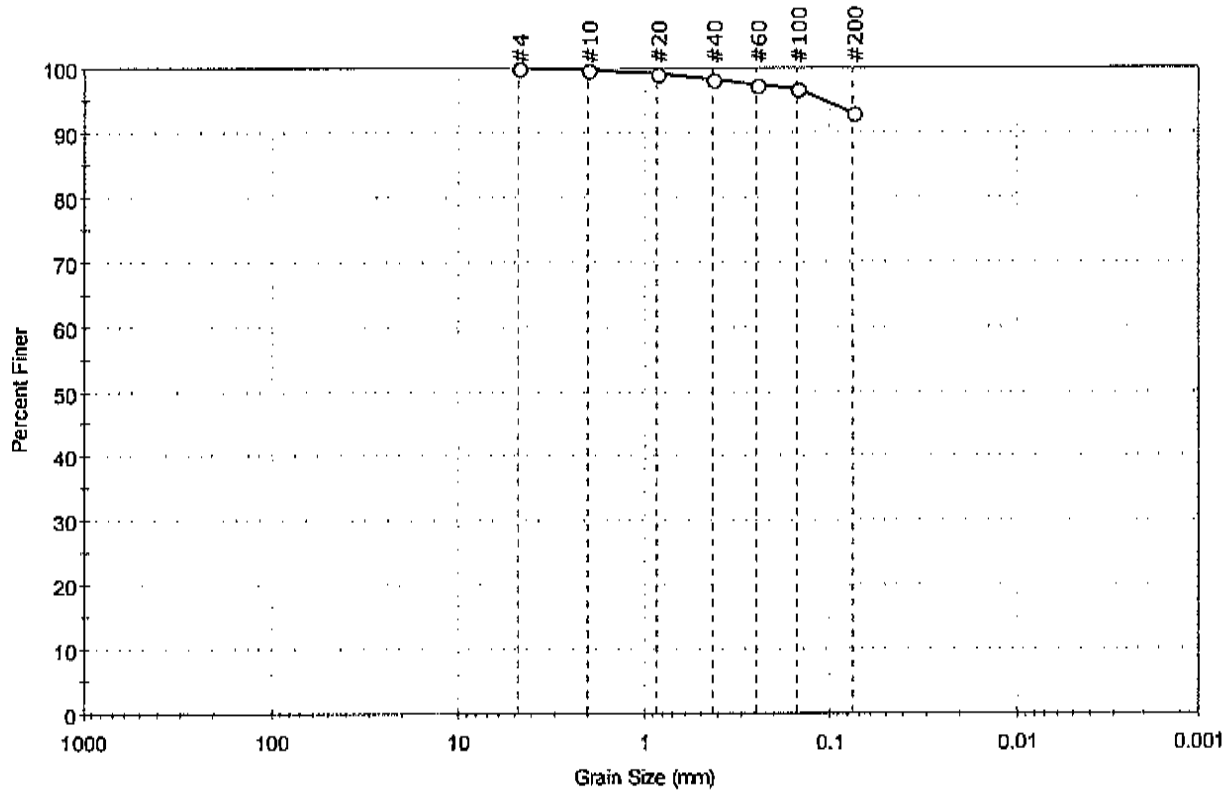
Sand/Gravel Particle Shape : ---

Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project No: GTX-304024	
Project: SAEP Sediment Samples	Tested By: GA	
Location: ---	Sample Type: jar	Checked By: emm
Boring ID: 25819-010	Test Date: 11/25/15	Test Id: 354730
Sample ID: SD15TFF701FS	Test Comment: ---	
Depth: ---	Visual Description: Moist, very dark gray silt	
Sample Comment: ---		

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	7.0	93.0

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	98		
#60	0.25	97		
#100	0.15	97		
#200	0.075	93		

Coefficients	
D ₈₅ = N/A	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

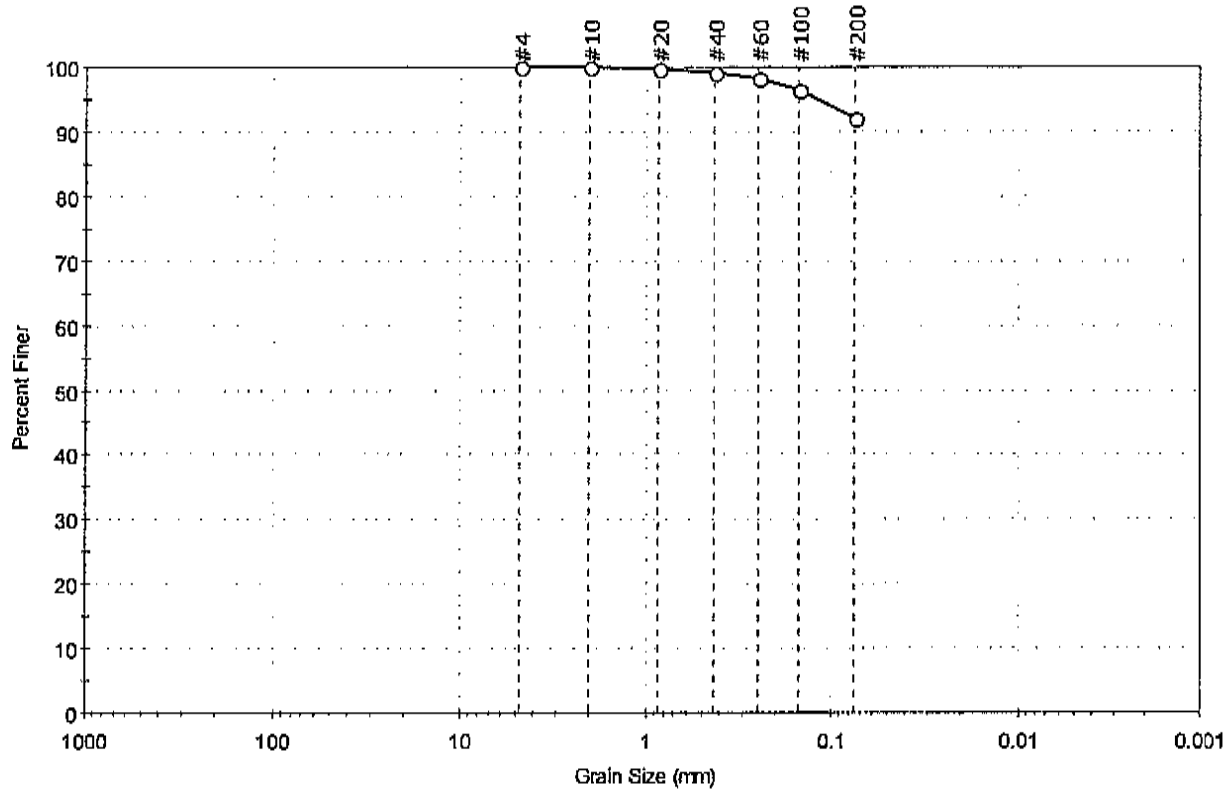
Classification	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

Sample/Test Description	
Sand/Gravel Particle Shape	: ---
Sand/Gravel Hardness	: ---



Client: EnviroSystems, Inc.	Project: SAEP Sediment Samples	Location: ---	Project No: GTX-304024
Boring ID: 25819-011	Sample Type: jar	Tested By: GA	Checked By: emm
Sample ID: SD15TFF702FS	Test Date: 11/25/15	Test Id: 354731	
Depth: ---	Test Comment: ---	Visual Description: Moist, very dark gray silt	Sample Comment: ---

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	8.1	91.9

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	100		
#40	0.425	99		
#60	0.25	98		
#100	0.15	97		
#200	0.075	92		

<u>Coefficients</u>	
D ₈₅ = N/A	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

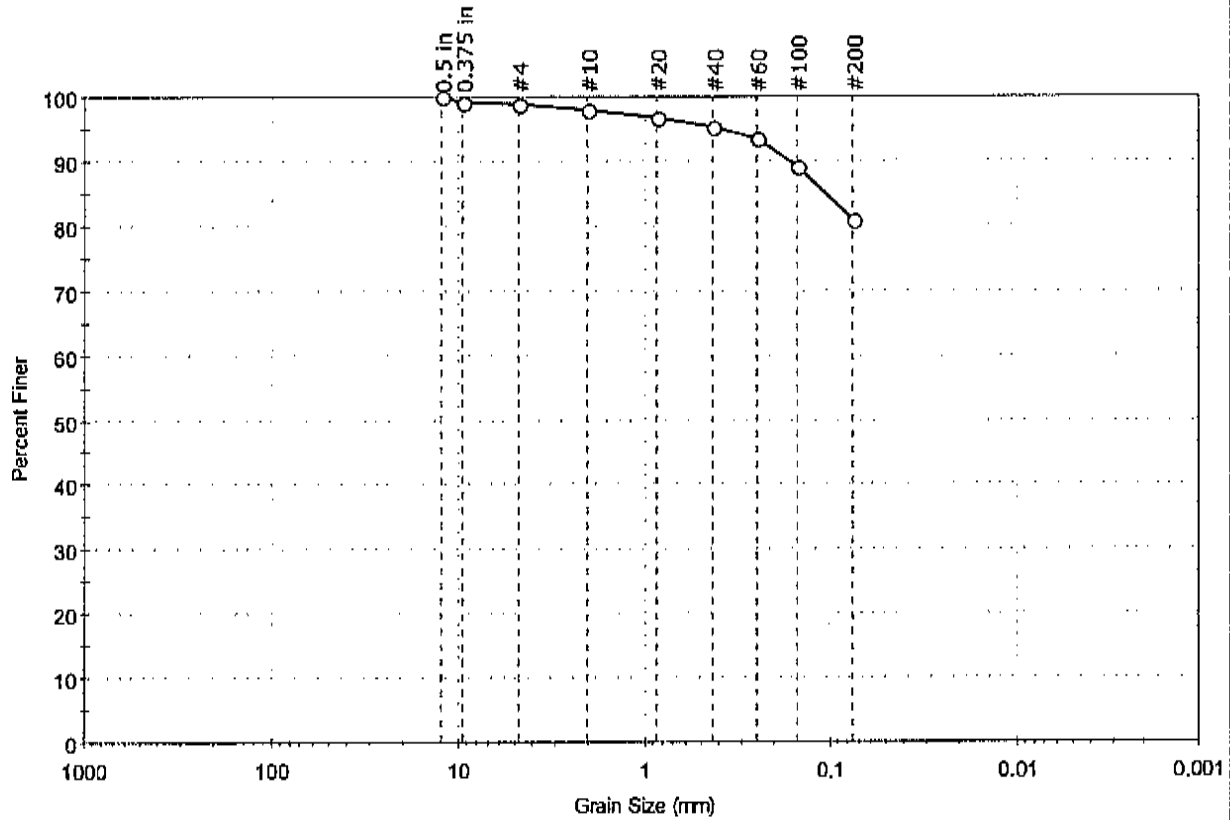
<u>Classification</u>	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	Tested By: GA
Location: ---	Checked By: emm
Boring ID: 25819-013	Sample Type: jar
Sample ID: SD15TFGH700FS	Test Date: 11/25/15
Depth: ---	Test Id: 354732
Test Comment: ---	
Visual Description: Moist, very dark gray silt with sand	
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	1.1	18.0	80.9

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.5 in	12.50	100		
0.375 in	9.50	99		
#4	4.75	99		
#10	2.00	98		
#20	0.85	97		
#40	0.42	95		
#60	0.25	94		
#100	0.15	89		
#200	0.075	81		

Coefficients	
D ₈₅ = 0.1055 mm	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

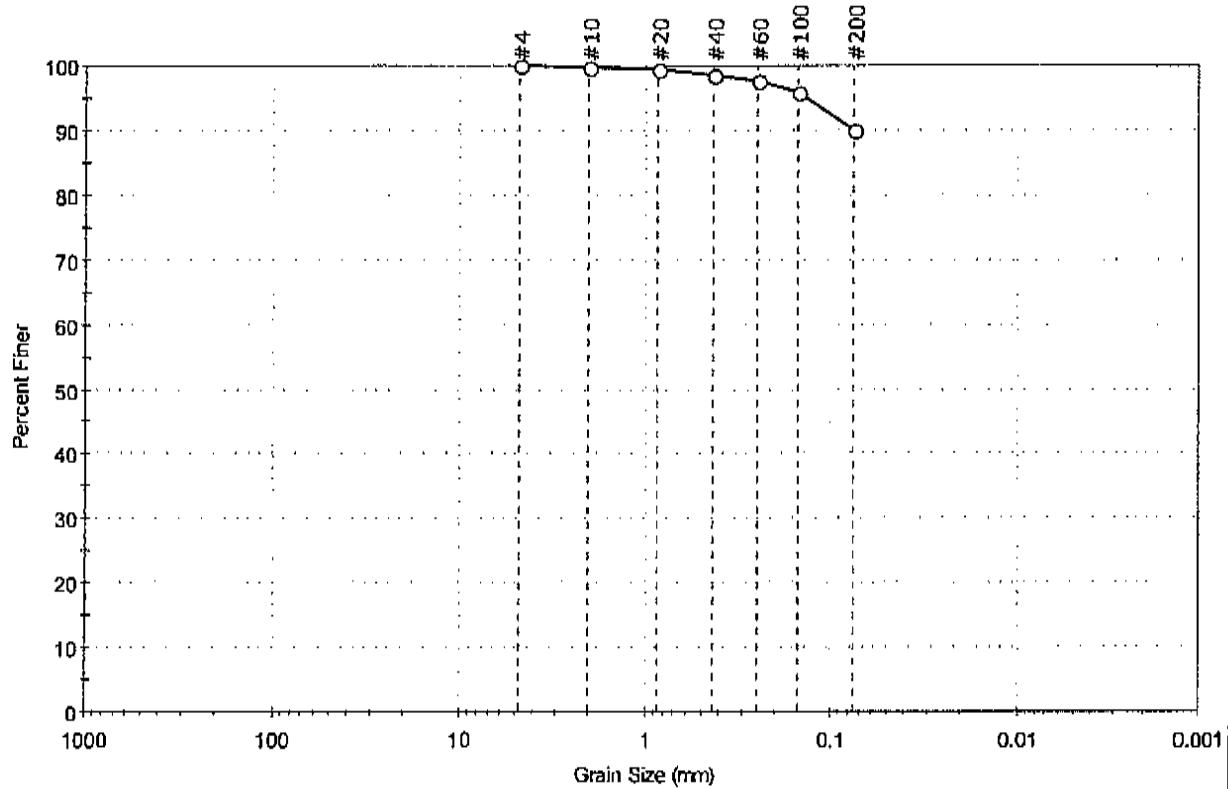
Classification	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

Sample/Test Description
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project: SAEP Sediment Samples	Project No: GTX-304024
Location: ---	Boring ID: 25819-014	Sample Type: jar
Tested By: GA	Sample ID: SD15TFGH701FS	Test Date: 11/25/15
Checked By: emm	Depth: ---	Test Id: 354733
Test Comment: ---	Visual Description: Moist, very dark gray silt	Sample Comment: ---

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	10.2	89.8

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	99		
#60	0.25	98		
#100	0.15	96		
#200	0.075	90		

Coefficients	
D ₈₅ = N/A	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

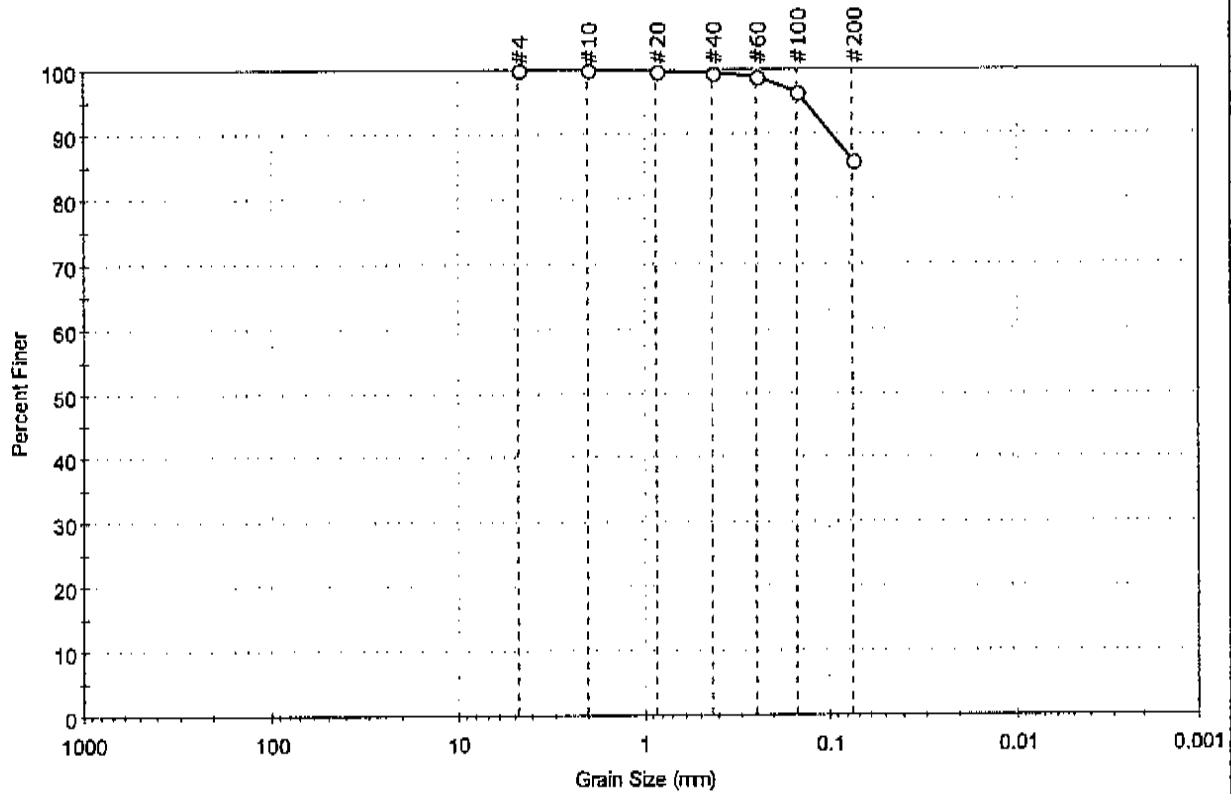
Classification	
ASIM	N/A
AASHTO	Silty Soils (A-4 (0))

Sample/Test Description
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	Tested By: GA
Location: ---	Checked By: emm
Boring ID: 25774-001	Sample Type: jar
Sample ID: SD14TFL302FS	Test Date: 11/25/15
Depth: ---	Test Id: 354745
Test Comment: ---	
Visual Description: Moist, black silt	
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	14.1	85.9

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	100		
#40	0.42	99		
#60	0.25	99		
#100	0.15	97		
#200	0.075	86		

Coefficients	
D ₈₅ = N/A	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

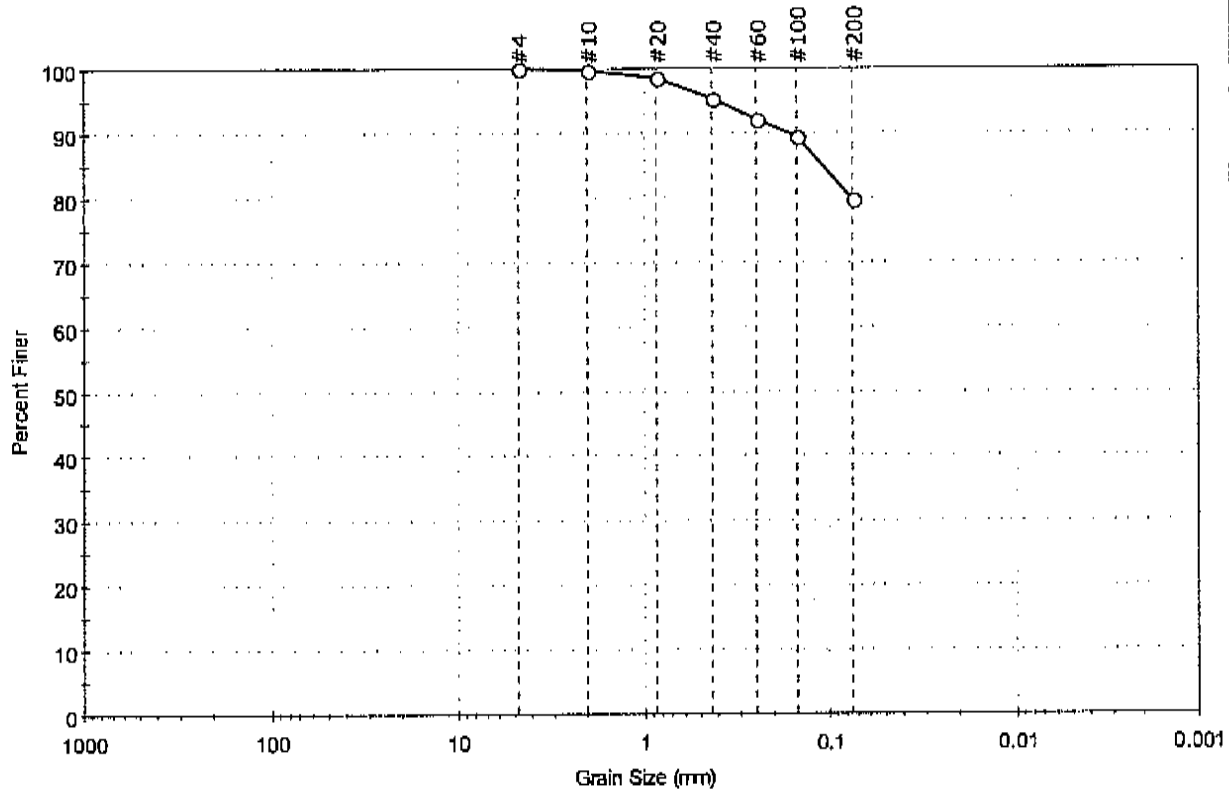
Classification	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

Sample/Test Description	
Sand/Gravel Particle Shape	: ---
Sand/Gravel Hardness	: ---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	Tested By: GA
Location: ---	Checked By: emm
Boring ID: 25774-015	Sample Type: jar
Sample ID: SD15TFH1203FS	Test Date: 11/25/15
Depth: ---	Test Id: 354746
Test Comment: ---	
Visual Description: Moist, dark gray silt with sand	
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	20.3	79.7

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	95		
#60	0.25	92		
#100	0.15	89		
#200	0.075	80		

Coefficients	
D ₈₅ = 0.1092 mm	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

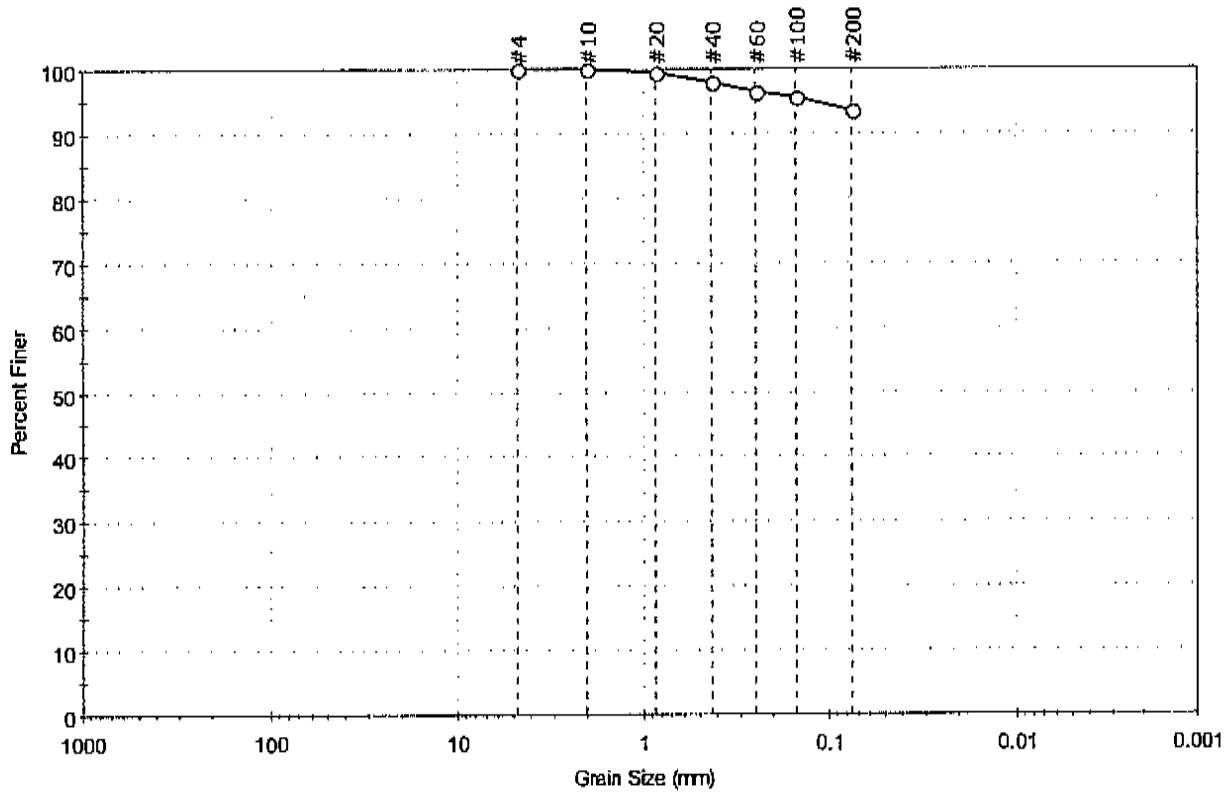
Classification	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

Sample/Test Description	
Sand/Gravel Particle Shape	---
Sand/Gravel Hardness	---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	Tested By: GA
Location: ---	Checked By: emm
Boring ID: 25774-016	Sample Type: jar
Sample ID: SD15TFH1205FS	Test Date: 11/25/15
Depth: ---	Test Id: 354747
Test Comment: ---	
Visual Description: Moist, dark gray silt	
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	6.6	93.4

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	98		
#60	0.25	97		
#100	0.15	96		
#200	0.075	93		

Coefficients	
D ₈₅ = N/A	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

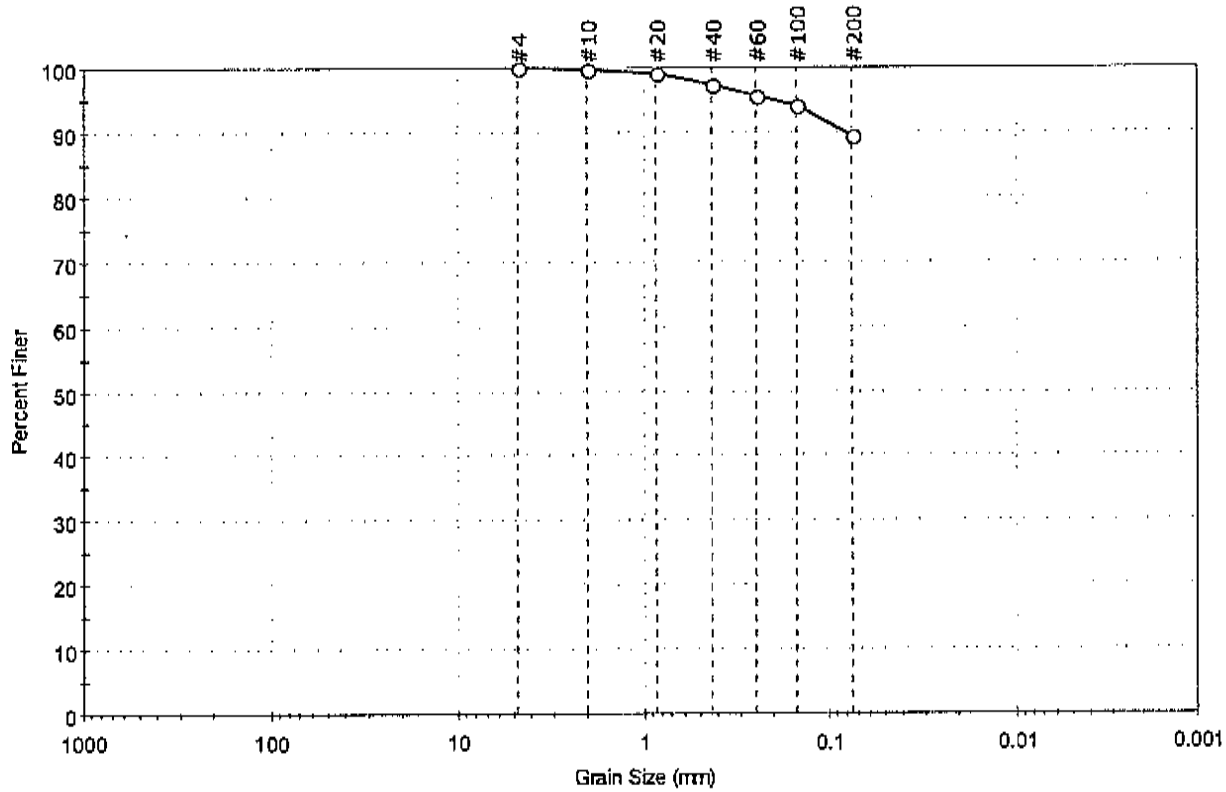
Classification	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

Sample/Test Description
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	
Location: ---	
Boring ID: 25774-017	Sample Type: jar
Sample ID: SD15TFH1207FS	Test Date: 11/25/15
Depth: ---	Test Id: 354748
Test Comment: ---	
Visual Description: Moist, very dark gray silt	
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	10.6	89.4

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	97		
#60	0.25	96		
#100	0.15	94		
#200	0.075	89		

<u>Coefficients</u>	
D ₈₅ = N/A	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

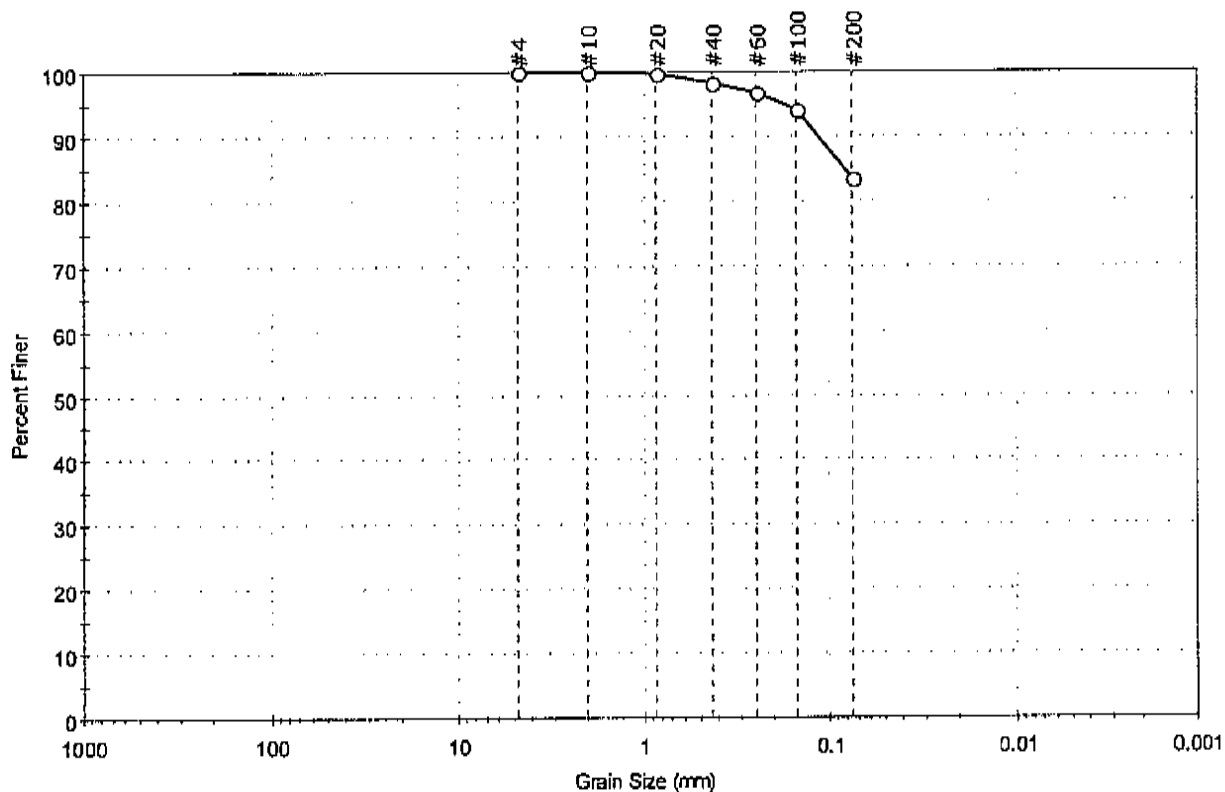
<u>Classification</u>	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project: SAEP Sediment Samples	Project No: GTX-304024
Location: ---	Boring ID: 25774-034	Sample Type: jar
Sample ID: SD15TFZA4502FS	Test Date: 11/25/15	Tested By: GA
Depth: ---	Test Id: 354749	Checked By: emm
Test Comment: ---	Visual Description: Moist, dark gray silt with sand	Sample Comment: ---

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	16.6	83.4

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	100		
#40	0.42	98		
#60	0.25	97		
#100	0.15	94		
#200	0.075	83		

Coefficients	
D ₈₅ = 0.0833 mm	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

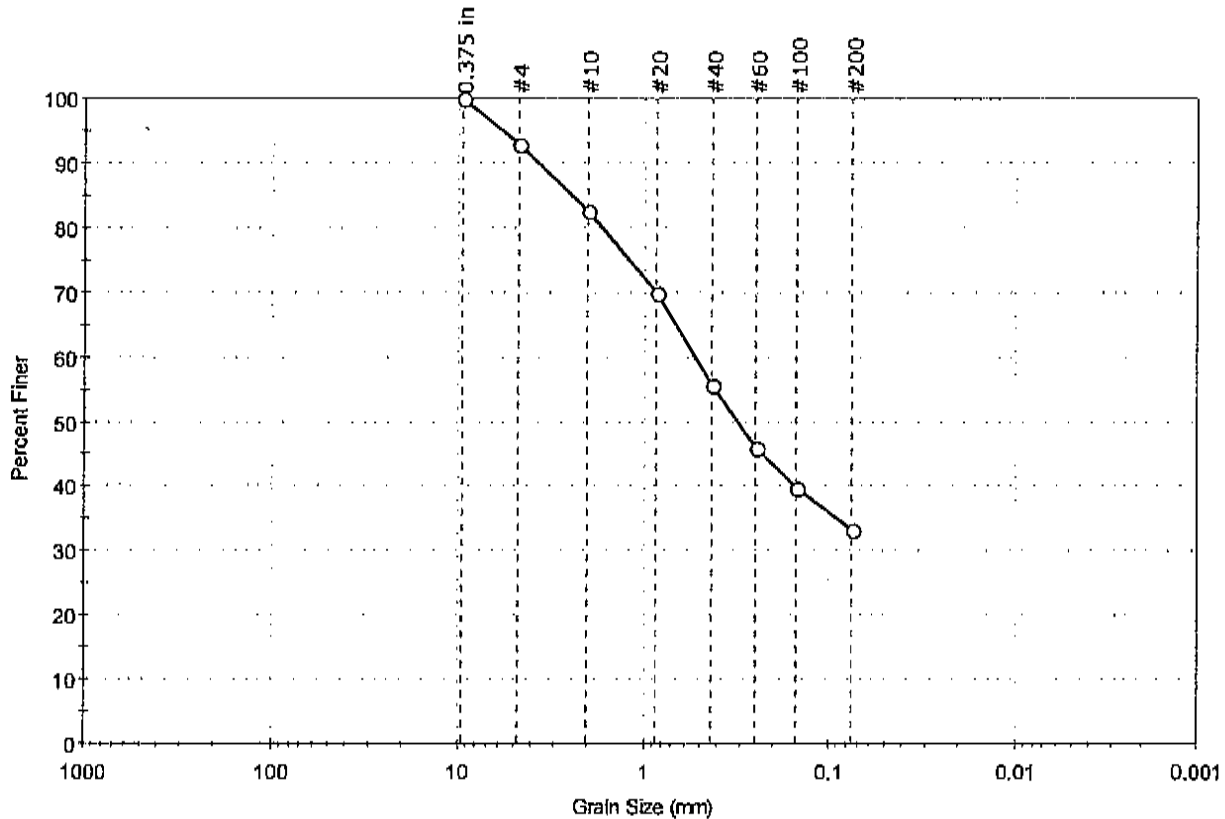
Classification	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

Sample/Test Description
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.
 Project: SAEP Sediment Samples
 Location: --- Project No: GTX-304024
 Boring ID: 25823-004 Sample Type: jar Tested By: GA
 Sample ID: SD140F1702FS Test Date: 11/25/15 Checked By: cmm
 Depth: --- Test Id: 354715
 Test Comment: ---
 Visual Description: Moist, black silty sand
 Sample Comment: ---

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	7.0	59.8	33.2

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.375 in	9.50	100		
#4	4.75	93		
#10	2.00	83		
#20	0.85	70		
#40	0.42	56		
#60	0.25	46		
#100	0.15	40		
#200	0.075	33		

Coefficients	
D ₈₅ = 2.4314 mm	D ₃₀ = N/A
D ₆₀ = 0.5235 mm	D ₁₅ = N/A
D ₅₀ = 0.3109 mm	D ₁₀ = N/A
C _u = N/A	C _c = N/A

Classification	
ASTM	N/A
AASHTO	Silty Gravel and Sand (A-2-4 (0))

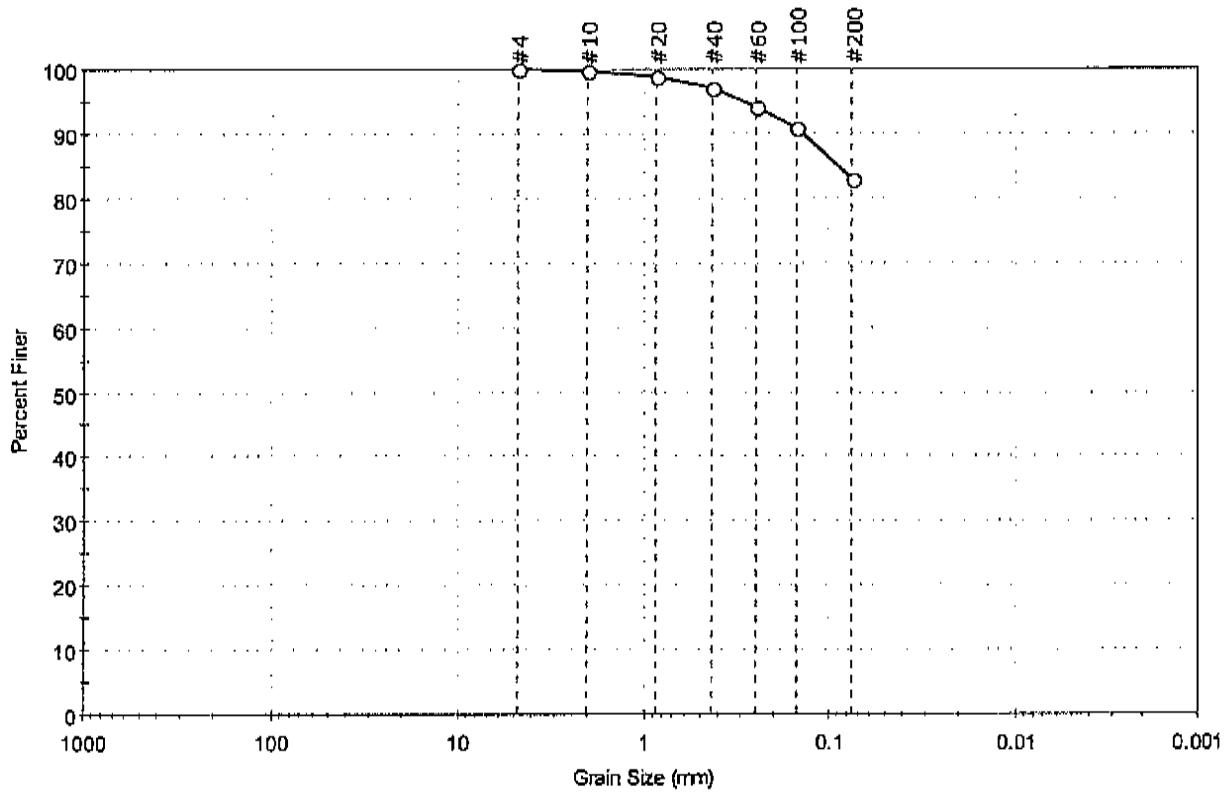
Sample/Test Description

Sand/Gravel Particle Shape : ANGULAR
 Sand/Gravel Hardness : HARD



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	
Location: ---	
Boring ID: 25823-006	Sample Type: jar
Sample ID: SD14OF1602FS	Test Date: 11/25/15
Depth: ---	Test Id: 354716
Test Comment: ---	Tested By: GA
Visual Description: Moist, black silt with sand	Checked By: emm
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	17.2	82.8

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	97		
#60	0.25	94		
#100	0.15	91		
#200	0.075	83		

Coefficients	
D ₈₅ = 0.0907 mm	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

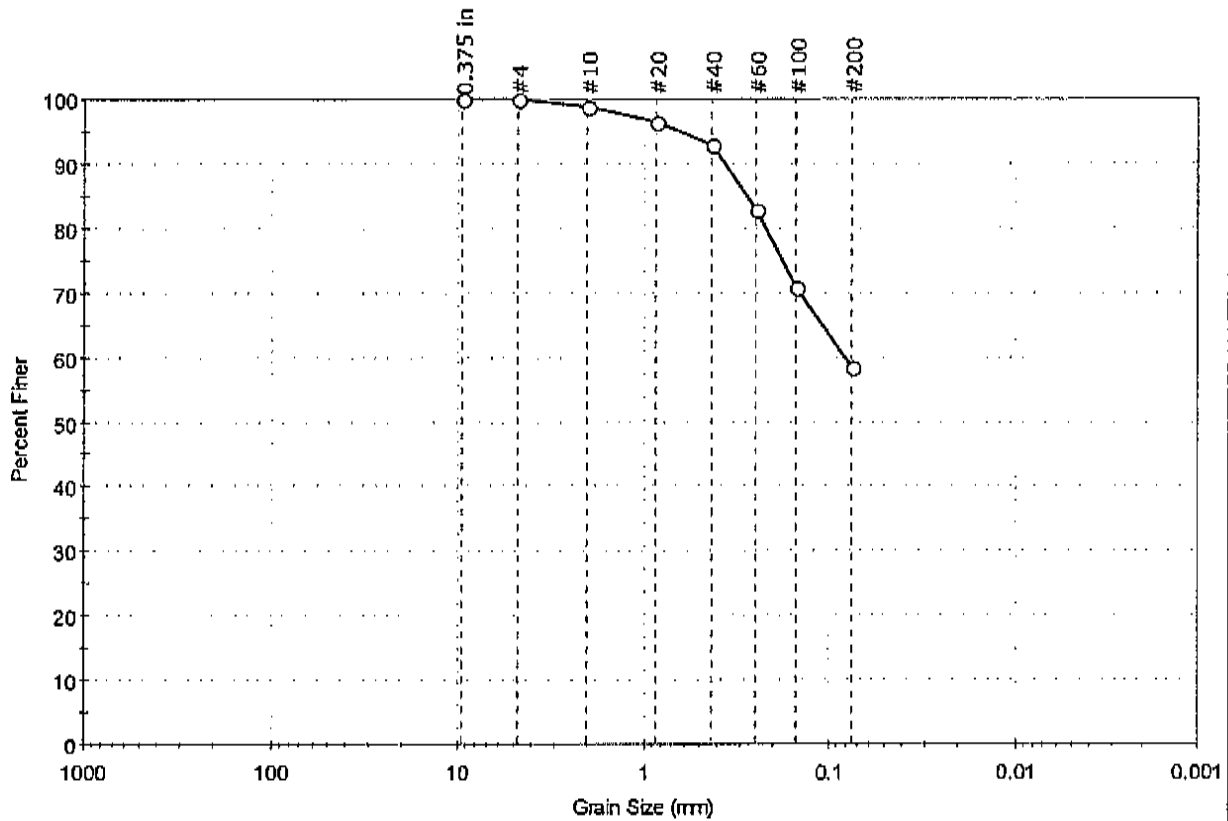
Classification	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

Sample/Test Description
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project: SAEP Sediment Samples	Location: ---	Project No: GTX-304024
Boring ID: 25823-010	Sample Type: jar	Tested By: GA	
Sample ID: SD14OF1302FS	Test Date: 11/25/15	Checked By: emm	
Depth: ---	Test Id: 354717		
Test Comment: ---			
Visual Description: Moist, black sandy silt			
Sample Comment: ---			

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.1	41.4	58.5

Sieve Name	Sieve Size, mm	Percent Finer	Spac. Percent	Complies
0.375 in	9.50	100		
#4	4.75	100		
#10	2.00	99		
#20	0.85	97		
#40	0.42	93		
#60	0.25	83		
#100	0.15	71		
#200	0.075	59		

Coefficients	
D ₈₅ = 0.2810 mm	D ₃₀ = N/A
D ₆₀ = 0.0816 mm	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

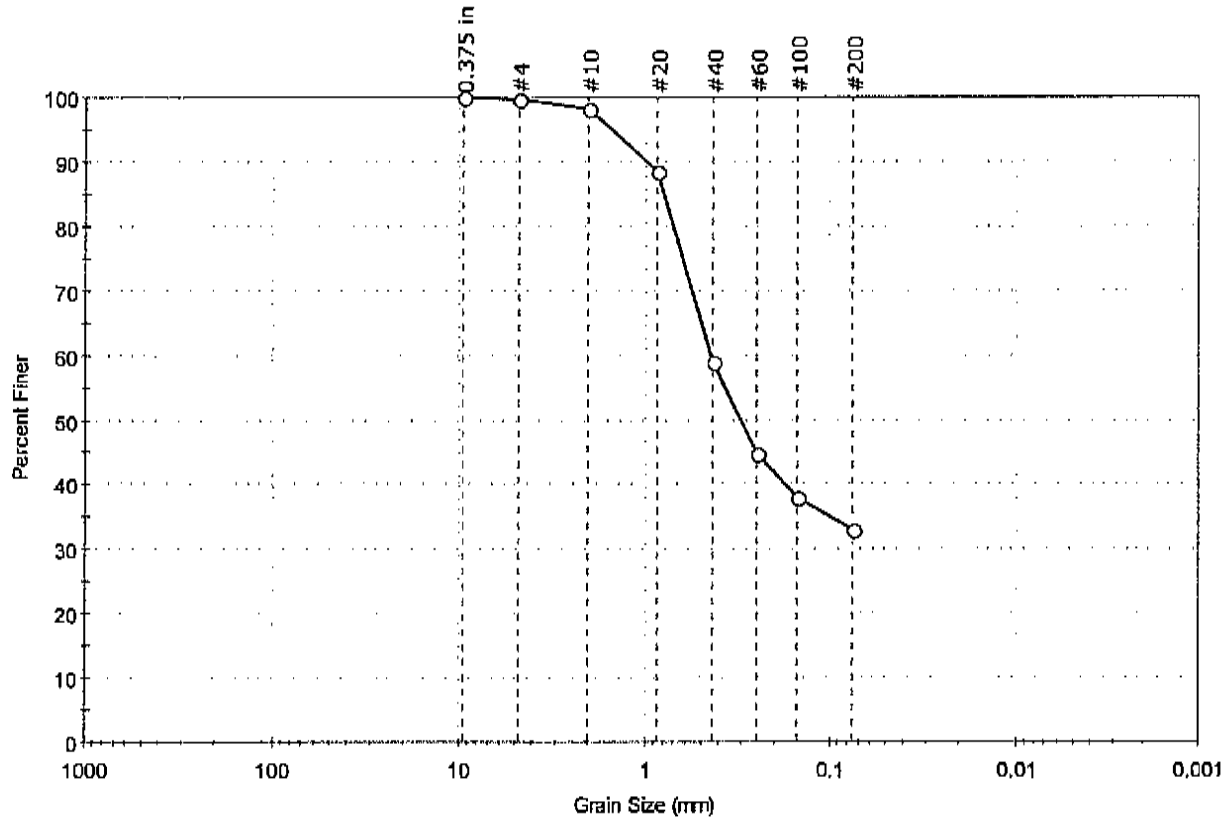
Classification	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

Sample/Test Description
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	
Location: ---	Tested By: GA
Boring ID: 25823-016	Sample Type: jar
Sample ID: SD140F1102FS	Test Date: 11/25/15
Depth: ---	Checked By: emm
Test Id: 354718	
Test Comment: ---	
Visual Description: Moist, black silty sand	
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.4	66.5	33.1

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.375 in	9.50	100		
#4	4.75	100		
#10	2.00	98		
#20	0.85	89		
#40	0.42	59		
#60	0.25	45		
#100	0.15	38		
#200	0.075	33		

<u>Coefficients</u>	
D ₈₅ = 0.7821 mm	D ₃₀ = N/A
D ₆₀ = 0.4340 mm	D ₁₅ = N/A
D ₅₀ = 0.3026 mm	D ₁₀ = N/A
C _u = N/A	C _c = N/A

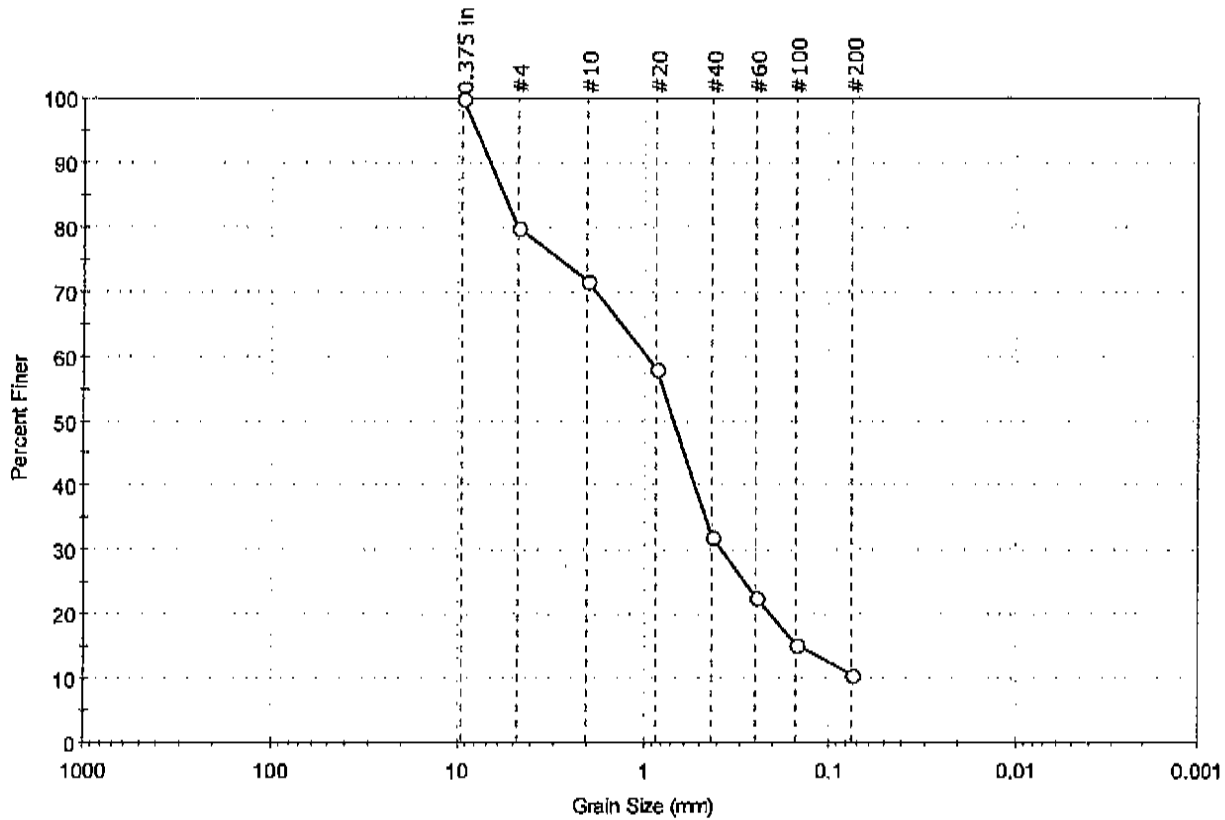
<u>Classification</u>	
ASTM	N/A
AASHTO	Silty Gravel and Sand (A-2-4 (0))

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	
Location: ---	
Boring ID: 25823-022	Sample Type: jar
Sample ID: SD14OF0802FS	Test Date: 11/25/15
Depth: ---	Test Id: 354719
Test Comment: ---	Tested By: GA
Visual Description: Moist, very dark grayish brown sand with silt and gravel	Checked By: emm
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	20.0	69.5	10.5

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.375 in	9.50	100		
#4	4.75	80		
#10	2.00	72		
#20	0.85	58		
#40	0.42	32		
#60	0.25	23		
#100	0.15	15		
#200	0.075	11		

Coefficients	
D ₈₅ = 5.6499 mm	D ₃₀ = 0.3760 mm
D ₆₀ = 0.9632 mm	D ₁₅ = 0.1409 mm
D ₅₀ = 0.6856 mm	D ₁₀ = N/A
C _u = N/A	C _c = N/A

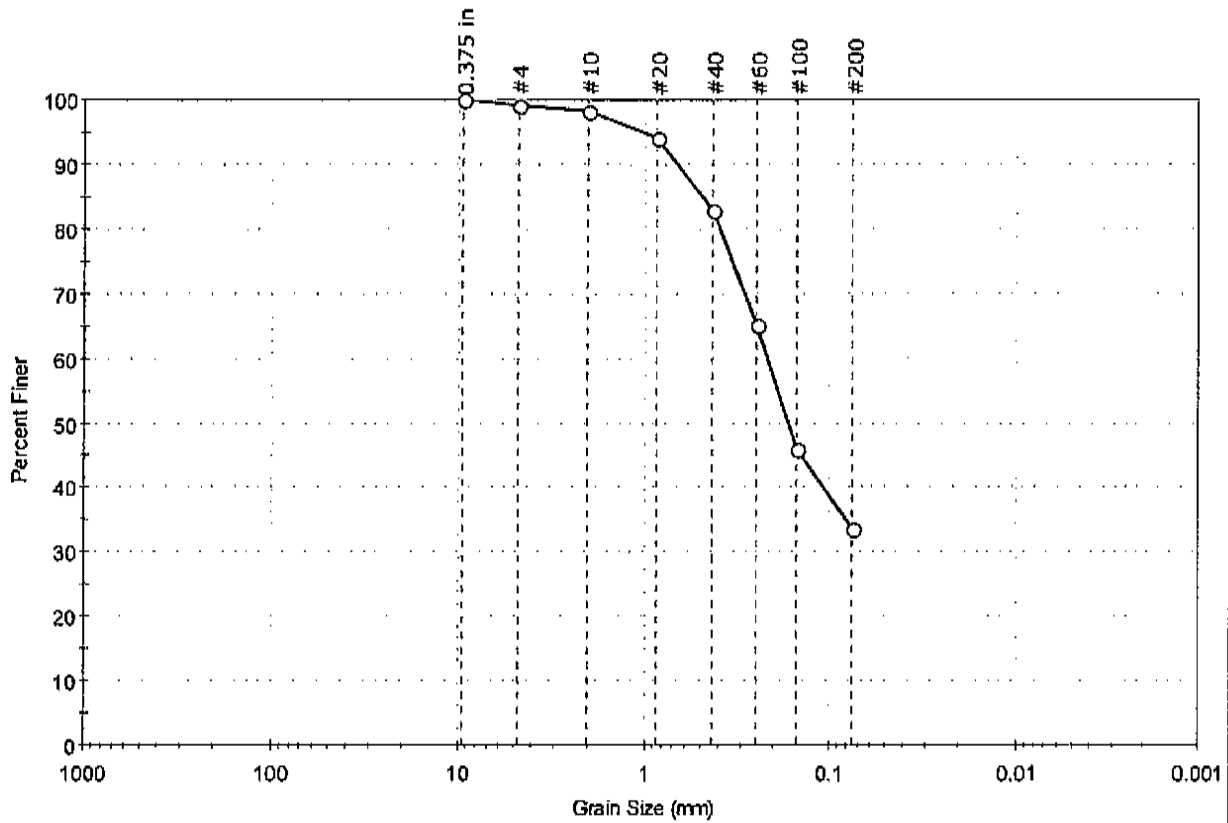
Classification	
ASTM	N/A
AASHTO	Stone Fragments, Gravel and Sand (A-1-b (0))

Sample/Test Description
Sand/Gravel Particle Shape : ANGULAR
Sand/Gravel Hardness : HARD



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	
Location: ---	Tested By: GA
Boring ID: 25823-025	Sample Type: jar
Sample ID: SD14OF0602FS	Test Date: 11/25/15
Depth: ---	Test Id: 354720
Checked By: emm	
Test Comment: ---	
Visual Description: Moist, black silty sand	
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	1.0	65.2	33.8

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.375 in	9.50	100		
#4	4.75	99		
#10	2.00	98		
#20	0.85	94		
#40	0.42	83		
#60	0.25	65		
#100	0.15	46		
#200	0.075	34		

Coefficients	
D ₈₅ = 0.4858 mm	D ₃₀ = N/A
D ₆₀ = 0.2182 mm	D ₁₅ = N/A
D ₅₀ = 0.1670 mm	D ₁₀ = N/A
C _u = N/A	C _c = N/A

Classification	
ASTM	N/A
AASHTO	Silty Gravel and Sand (A-2-4 (0))

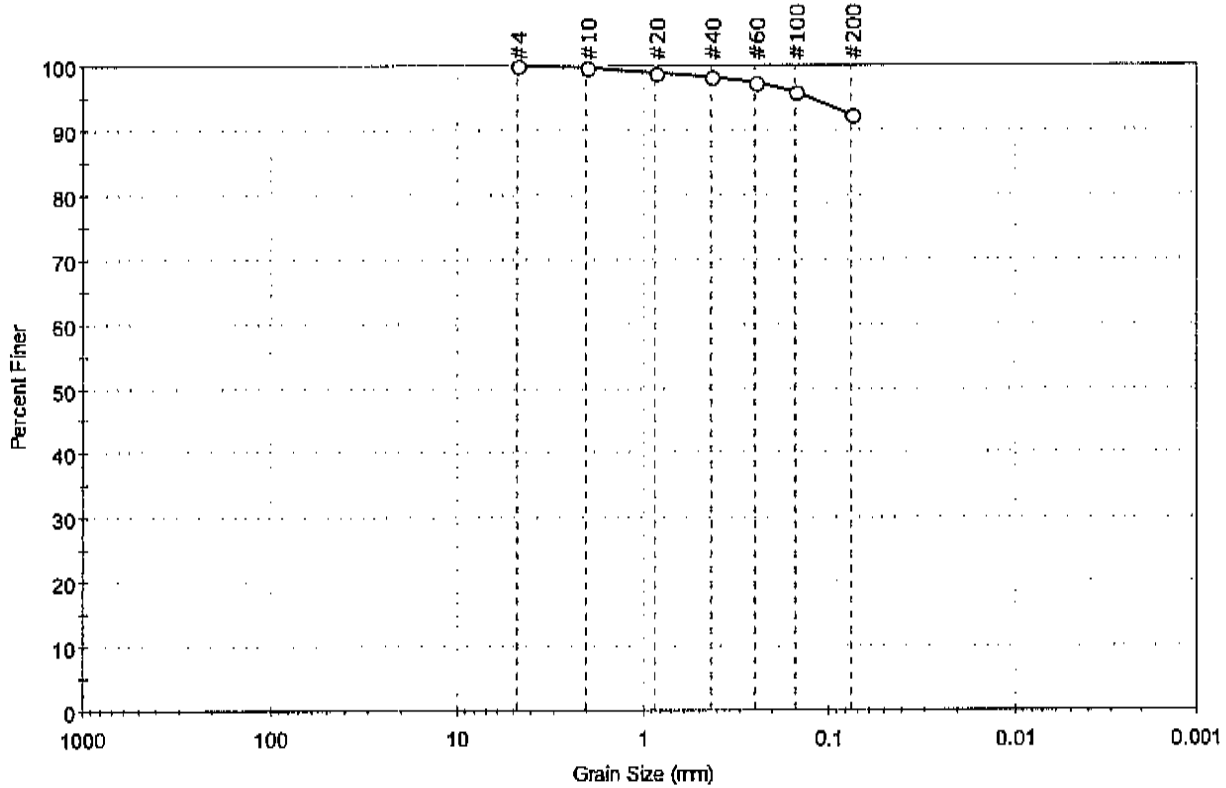
Sample/Test Description
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.
 Project: SAEP Sediment Samples
 Location: ---
 Boring ID: 25823-030
 Sample ID: SD14OF0302FS
 Depth: ---
 Test Comment: ---
 Visual Description: Moist, very dark grayish brown silt
 Sample Comment: ---

Project No: GTX-304024
 Sample Type: jar
 Tested By: GA
 Test Date: 11/25/15
 Checked By: emm
 Test Id: 354721

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	7.8	92.2

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.425	98		
#60	0.25	97		
#100	0.15	95		
#200	0.075	92		

Coefficients	
D ₈₅ = N/A	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

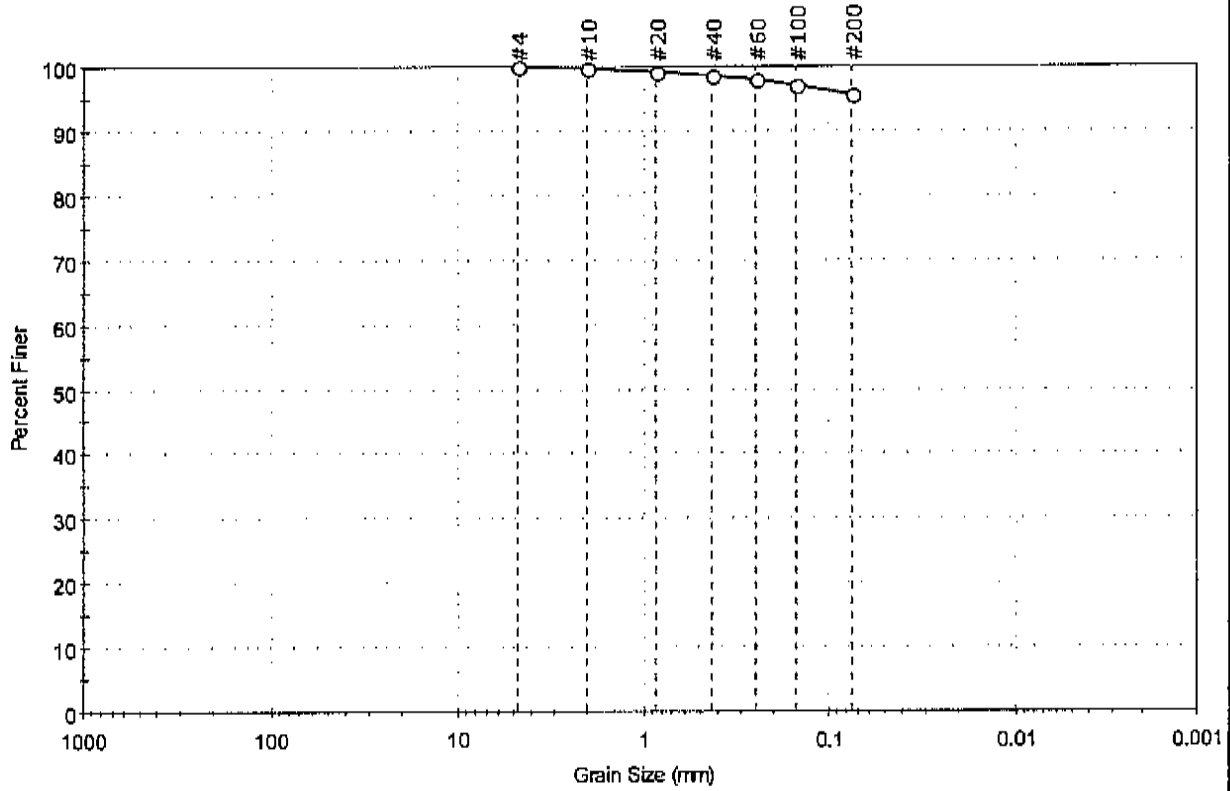
Classification	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

Sample/Test Description
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	Tested By: GA
Location: ---	Checked By: emm
Boring ID: 25823-031	Sample Type: jar
Sample ID: SD14OF0303FSH	Test Date: 11/25/15
Depth: ---	Test Id: 354722
Test Comment: ---	
Visual Description: Molst, very dark grayish brown silt	
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	4.5	95.5

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	99		
#60	0.25	98		
#100	0.15	97		
#200	0.075	95		

Coefficients	
D ₈₅ = N/A	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

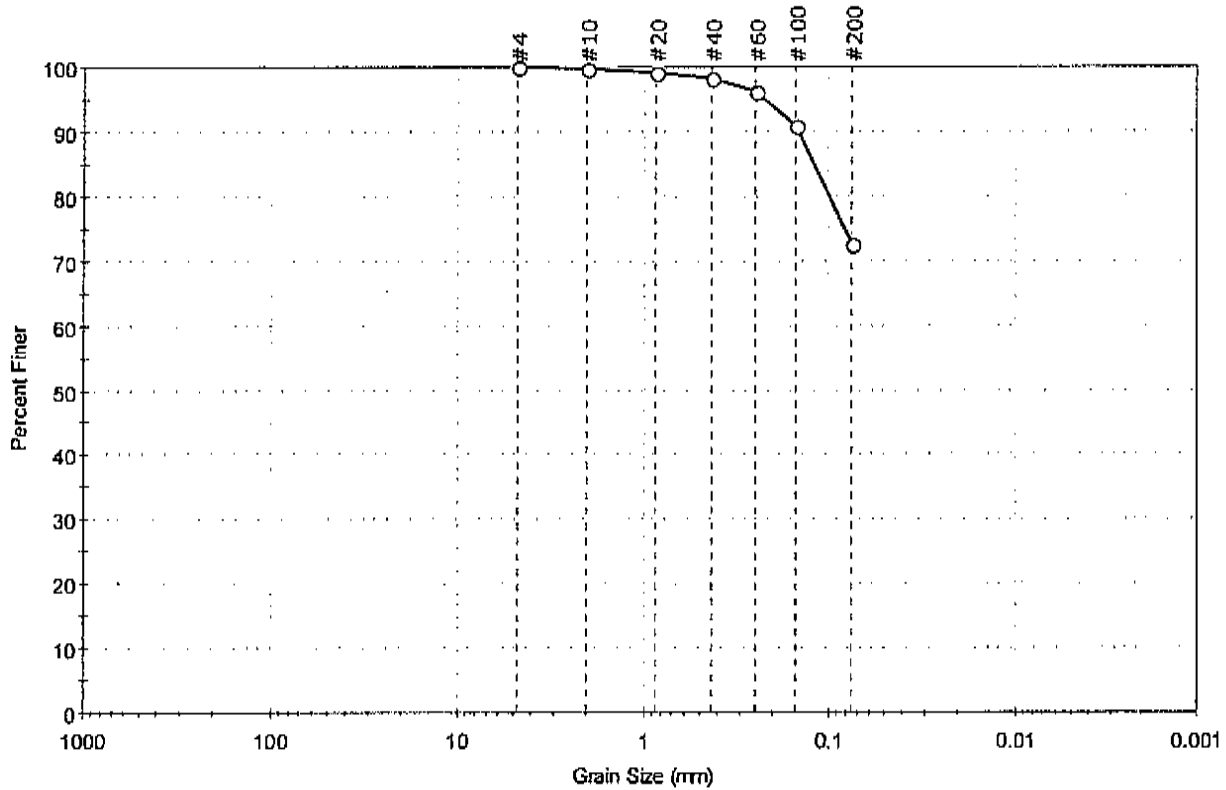
Classification	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

Sample/Test Description	
Sand/Gravel Particle Shape	: ---
Sand/Gravel Hardness	: ---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	Tested By: GA
Location: ---	Checked By: emm
Boring ID: 25822-008	Sample Type: jar
Sample ID: SD14TFE602FS	Test Date: 11/25/15
Depth: ---	Test Id: 354723
Test Comment: ---	
Visual Description: Moist, black silt with sand	
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	27.5	72.5

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	99		
#60	0.25	96		
#100	0.15	91		
#200	0.075	73		

Coefficients	
D ₈₅ = 0.1202 mm	D ₃₀ = N/A
D ₆₀ = N/A	D ₁₅ = N/A
D ₅₀ = N/A	D ₁₀ = N/A
C _u = N/A	C _c = N/A

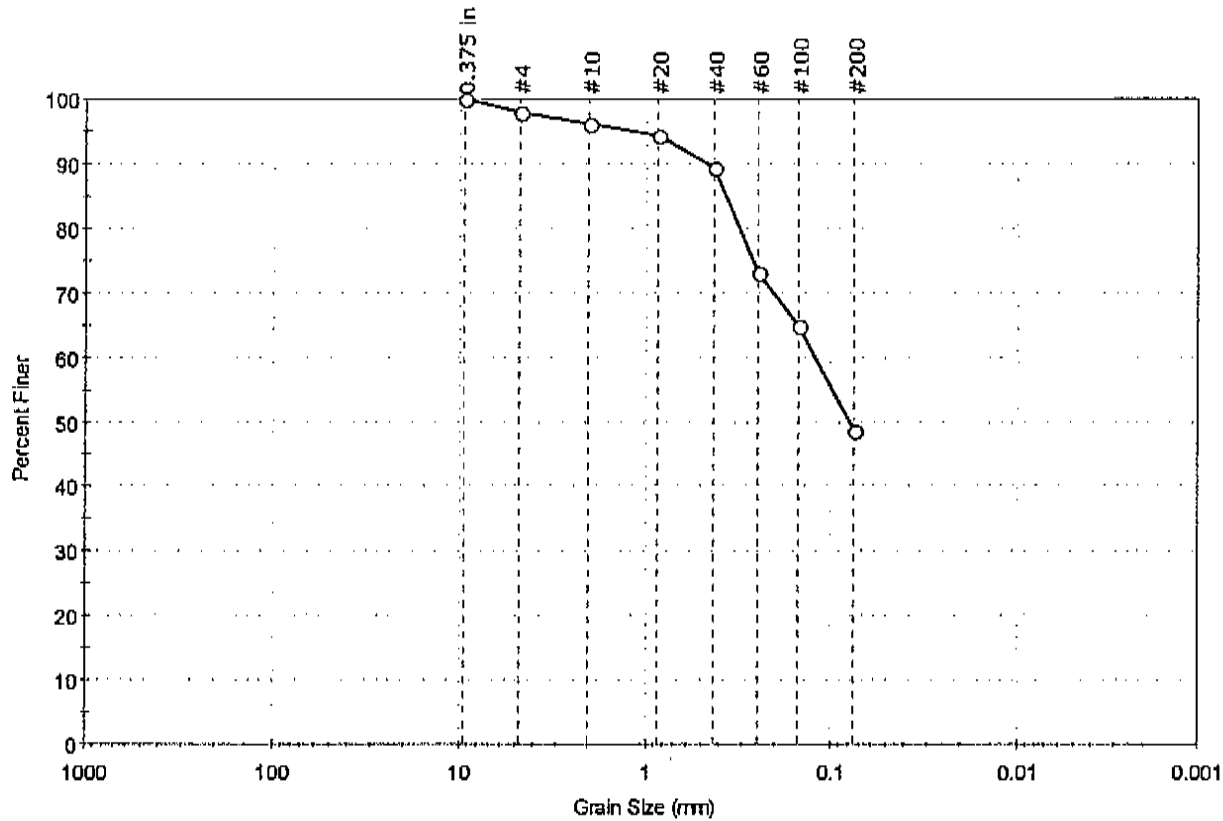
Classification	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

Sample/Test Description
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---



Client: EnviroSystems, Inc.	Project No: GTX-304024
Project: SAEP Sediment Samples	
Location: ---	Tested By: GA
Boring ID: 25822-010	Sample Type: jar
Sample ID: SD14TFG502FS	Test Date: 11/25/15
Depth: ---	Checked By: emm
Test Comment: ---	Test Id: 354724
Visual Description: Moist, black silty sand	
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	2.2	49.0	48.8

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.375 in	9.50	100		
#4	4.75	98		
#10	2.00	96		
#20	0.85	94		
#40	0.42	89		
#60	0.25	73		
#100	0.15	65		
#200	0.075	49		

Coefficients	
D ₈₅ = 0.3688 mm	D ₃₀ = N/A
D ₆₀ = 0.1217 mm	D ₁₅ = N/A
D ₅₀ = 0.0790 mm	D ₁₀ = N/A
C _u = N/A	C _c = N/A

Classification	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

Sample/Test Description
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---

APPENDIX F

CT DEEP COMMENTS AND ARMY RESPONSES

APPENDIX F-1

CT DEEP MAY 17, 2017 COMMENTS AND ARMY RESPONSES

NOTE: Red text indicates Army responses to CT DEEP requests

May 17, 2017

Ellen Iorio, P.E
US Army Corps of Engineers
New England District
696 Virginia Road
Concord, MA 01742-2751

Dear Ellen:

The Department of Energy and Environmental Protection (DEEP) has reviewed the Sediment Remediation Endpoints Report (the “Report”) and offers the following comments:

In the Report, the extent of the proposed remedial footprint is a rational approximation of known contamination, however additional areas must be included to ensure protection of the environment. The driving factor of the footprint is ERM-Q values greater than 0.5. Some specific locations exceed the reference condition values for PCBs and mercury, or have data documenting sediment acute toxicity although the ERM-Q is less than 0.05. These are also endpoints that should be considered, and DEEP requests modification of the proposed remedial footprint to include some of these locations, as discussed in the following comments, based on the Report, for the Tidal Flats and Outfall 008 areas.

Tidal Flats (TF)

CT DEEP conducted an independent analysis of the available data with the following findings:

- CT DEEP used EPA’s ProUCL and Minitab statistics software on the available data. COC concentrations are highly variable across the tidal flats while most elevated concentrations are observed within the first 0-2 feet of sediment. It was observed that many highly elevated COCs in previous samples are not found in newer data. Statistical comparisons indicate newer data (2014-2016) is different from older data (1990s-2012).
- ERM-Q values above 0.5 would not be removed at one location (TF-L6 at 0.74) because the Army believes it is due to upstream sources. This location is isolated, and in deeper water near the channel. An analysis of the expected post-remedial conditions found the 95% UCL of ERM-Q varied from 0.13-0.31 when calculated by sample depth intervals. A 95% UCL of the remaining ERM-Q values yields a 0.22 for post-remedial conditions based on available data.
- Previously DEEP had calculated the reference condition for total PCBs as 0.2 ppm and a few samples outside of the remedial footprint exceed this value. However the expected post-remedial conditions based on the available data for PCBs concentrations yielded a 95% UCL of 0.13 ppm PCBs.

- Newer sediment samples were not analyzed for mercury throughout the entire surface 4 foot depth interval which limited the analysis for post-remedial conditions. Based on limited data, the expected post-remedial 95%UCL values of mercury concentrations vary with depth from 0.22 -0.52 ppm, although 0.52 ppm was calculated with limited samples in the 1-2ft interval. Combining all mercury concentrations in post-remedial conditions yields a 95%UCL of 0.25 ppm based on the available data.

CT DEEP can concur with the following conclusions in the Sediment Remediation Endpoints Report:

- The site-related constituents as agreed by CT DEEP and Army were analyzed in recent sediment samples. However, mercury was only sampled within 0-0.5 interval for the newer samples which provides limited analysis for all depth intervals.
- The report utilized calculations for the ERM-Q with the 8 specific metals in the sediment samples.
- With the exception of PCBs and mercury, the Tidal Flats had reasonable spatial coverage of most site-related contaminants in sediment samples at one foot intervals up to 4 feet in depth.

CT DEEP requests the following adjustments to the proposed remediation footprint in the Sediment Remediation Endpoints Report:

- The remedial footprint does not include all samples determined to be toxic from survival, growth and reproduction endpoints, which must be included in the remedial action. Specifically include in the remediation footprint the areas of TF-F3 and TF-J3.

While the Army is not in agreement with the interpretation that toxicity test failure is the determining factor for remediation of these areas, the footprint of remediation for the 0-1 foot bgs interval will be expanded to be inclusive of the sampling locations represented by TF-F3 and TF-J3.

- Sample location TF-G6, depending on depth interval, is equal to or exceeds remedial goals for mercury, PCBs and ERM-Q but is not within the remedial footprint. This isolated location is in deeper water closer to the channel but is a likely pour point for the tidal flats during ebbing and low tides, which would receive elevated levels of contamination. DEEP recommends that the Army consider removing this location, especially if it can be incorporated as part of the necessary sediment removal associated with project implementation and equipment access.
- Between 0 and 3 feet bgs at location TF-G6, total PCB concentrations range from 0.15 to 0.53 ppm, and mercury concentrations between 0.35 and 0.58 ppm. PCBs only marginally exceeds background at 2-3 feet. ERM-Q values in this depth interval range from 0.37 to 0.45. Based on this information we would propose that a discrete removal at this location not be proposed based on the limited exceedances and little benefit to the overall risk reduction. Additionally the technical challenges of conducting this discrete removal as the tidal flats deepen into the river channel may be restrictive.

- Sediments near the outfalls (OF-002, -003, -007, and -004) exceed mercury and PCBs remedial goals at various depths. Historic (1994-2008) deeper samples at some of these locations had among the highest PCBs and mercury values reported for the tidal flats. The remedial footprint must include the areas around these outfalls to a sufficient depth to remove potential hotspots and ensure that, even after severe storm disturbance, no pollution will be remobilized to biologically accessible depths. DEEP requests that if deeper pollution will remain its potential to be remobilized be specifically evaluated and demonstrated to be not a concern.

Currently the Army proposes to excavate the areas around outfalls OF-002, -003, -007, and -004 to a total depth of 4 feet. Between 4 and 8 feet bgs, current data indicate there are no ERM-Q values exceeding 0.5 near these outfalls. Between 4 and 8 feet bgs, only one sample (SD2015-TF-D0, 7-8 ft) has a PCB concentration > 0.31 ppm. Mercury concentrations between 4 and 8 ft bgs near the outfalls is < 0.55 ppm. Although the Army believes that the possibility of remobilization of PCBs at depths of 7-8 ft bgs is unlikely, a proposed plan for further characterization of PCBs at these outfalls is proposed:

- Collect sediment cores from 4-8 feet bgs at up to four locations around each of the referenced outfalls (or groups of outfalls), to a radius of approximately 50 feet from the outfall(s);
- Submit samples from each core for the 4-5, 5-6, 6-7, 7-8 ft intervals for analysis of total PCB Aroclors and total PCB Homologs;
- If total PCB concentrations of any sample exceeds 1 ppm, then the sediment within the depth interval out to a radius of 50 feet will be included in the remedy for the tidal flats.

Outfall 008 (OF-008)

CT DEEP conducted an independent analysis of the available data with the following findings:

- CT DEEP used EPA's ProUCL and Minitab statistics software on the available data.
- Most sediment samples exceed the ERM-Q of 0.5 at depths of 0-1, 1-2, and 2-3 feet which in some cases are more than an order of magnitude. Additionally, about half of the samples exceed 0.5 at 3-4 feet in depth.
- The report indicated that all mercury concentrations at the 0-1 foot depth were below detection, but the report did not include a figure for mercury at 1-2 foot depth interval.
- Mercury exceeds the CT DEEP calculated reference condition (0.4ppm) in several samples between 2 to 4 feet deep with one sample at 1.54 ppm of mercury. A 95%UCL of samples at the 2-3ft depth indicate a 0.7 ppm for mercury after the proposed remediation which exceeds the reference condition.
- PCBs concentrations exceeding the reference condition in the 0-2 feet deep horizons would be removed based on the proposed footprint.
- PCB concentrations increase with depth and many samples at 2-3 feet exceed the reference condition and exceed 1 ppm.

- Based on available data the highest concentrations of PCBs would be left with the proposed post-remediation conditions. Many of these PCBs concentrations exceed background by more than an order of magnitude.

CT DEEP can concur with the following conclusions in the Report:

- The site-related constituents as agreed by CT DEEP and Army were analyzed in recent sediment samples.
- The 8 specific metals were utilized in calculations for the ERM-Q with the sediment samples.
- Sediment samples in OF-008 had reasonable spatial coverage of most site-related contaminants at one foot intervals up to 4 feet in depth.

CT DEEP found that there was the following information missing from the Report:

- The report does not include sediment removal volumes for Outfall 008, so CT DEEP cannot comment on the removal volume. Please provide sediment removal volumes proposed.
- The report did not include a figure for mercury at the 1-2 foot depth interval, so CT DEEP cannot complete comments on mercury concentrations that may remain after remediation until that information is provided.

CT DEEP has identified the following issue that requires modification of the Report:

- The report included a remedial footprint that does not extend the full length and consistently to a 2 foot deep within the entire ditch. This proposal contrasts what was previously discussed and proposed to CT DEEP. The Army assumes that samples are no longer representative near the Raymark remedial action, but CT DEEP staff indicated that the Raymark action affected less than half the width of the ditch.
 1. Without additional sampling, the previously acquired samples may be considered adequately representative and the remedial footprint must be revised to consider the remedial goals for ERM-Q (0.5) and the reference condition based goals for PCBs and Mercury,

Or

2. If the Army still desires to re-sample near the Raymark remedial action, any evaluation must a) evaluate PCBs using a comparison threshold of 0.2 ppm, not the proposed 1 ppm, b) analyze for PCBs, mercury and the 8 ERM-Q metals, and 3) re-sample at 1 foot intervals down to 4 feet deep.

As discussed on the May 22, 2017 conference call with CT DEEP, the Army agrees to remediate the entire length of the Outfall 08 drainage ditch (inclusive of the "T" section extending to Route 113 to the southwest and Marine Basin to the northeast) to a depth of 4 feet bgs. New figures will be provided that depict the Raymark waste removal in relation to Outfall 008, and the estimated volumes for removal.

Comments on Investigation and Characterization of the SAEP Tidal Flats described in the Remediation Endpoints Report.

- Raymark waste was fully delineated and removed, including that part extending roughly one third of the way into the tidal channel. It is possible that the channel downstream from sample location OF 12 to the T-juncture is changed compared to current conditions and requires reevaluation. Such reevaluation must be sensitive to possible differences between the side of the channel where the removal occurred and the other side. Because less than half of the channel was affected, the existing environmental data may still be considered conservatively representative.
- The investigation used a Conceptual Site Model (CSM) that incorporates an assumption that sediment concentrations decline with depth. At least locally it appears that the data is inconsistent with this CSM, and these exceptions have generally been noted in the report. These data should ideally be critically reviewed, not just noted as exceptions, to determine if they invalidate the CSM, which was the basis for the sampling design, or identify the reason these locations are considered anomalous.
- A 3D spatial distribution analysis, at least for the ERM-Q data, and possibly for the PCB data, could support the CSM regarding spatial distribution being top down. This would also serve as a justifying foundation for the presumptive linear interpolation used to determine removal boundaries for the ERM-Q based removal. The detailed discussion of spatial distribution based on separately focusing on each individual discrete depth horizon does not adequately incorporate the three-dimensional nature of the contaminant distribution.
- The absence of a full deeper data set is not a critical data gap if the proposed remediation includes placement of clean cover. However, this is not clearly proposed to be included. In the absence of clean cover, there are areas where the deeper data is absent, and a better justification for the reason the data is not needed is necessary as requested for the CSM critical review. Especially, the legacy mercury data is inconsistent with the CSM.
- The report draws the conclusion that elevated contaminant levels at the tip of the causeway and along the breakwater are a contribution from other sources. An alternative hypothesis is that these are the result of remobilization of the SAEP material. This is only not a significant data gap because the Army proposes to remove the contamination in these areas. If removal was not proposed further evaluation of the two alternative hypothesis using fingerprinting, metal ratios, sediment transport modeling or other methodologies would be necessary.
- Specifically, elevated contaminant concentrations at location TF G6 are attributed to off-site sources, yet this is the apparent outflow location for the northern part of the flats and an attribution to sediment transport is equally plausible; DEEP has requested consideration of removal of this location if practical as part of remedial operational implementation.
- The report identifies background levels for PCB and mercury that differ in detail from the DEEP expectation due to a different treatment of outliers in the background data set. Explanation of the rationale for this difference in treatment of outliers in the background determination would assist in understanding the difference in values. The difference in valuations does not appear to substantially impact the development of the remediation footprint for the tidal flats.
- The discussion of PCB and mercury does not focus upon the DEEP requested remedial goal of remediation to achieve conditions “not substantially different from background”, but rather a PCB level of 1 ppm and the mercury ER-M value. Optimally the Report should identify where the ERM-Q removal based on a value of 0.5 will result in leaving behind PCB or mercury exceeding background and justify why additional removal is not necessary to achieve an overall result for these pollutants that is not substantially different from the reference location values. See the above statistical evaluation conducted by DEEP staff, which concludes that the expected post-remediation 95% UCL will generally meet the DEEP requested remedial goal for the tidal flats.

Technical Staff of DEEP's Remediation Division have provided additional comments that identify potential data gaps in the investigation and characterization of the tidal flats. Many of these comments are not significant data gaps if the sediment is removed in accord with the remediation footprint, as modified in response to above comments. In the event a different remedy is implemented, they may need to be addressed. These comments, which are attached, are offered to ensure that the technical limits of the report are mutually understood.

DEEP appreciates your assistance in moving this project forward, and hopes that these comments prove helpful in finalizing a mutually acceptable remedial footprint.

Sincerely,

Patrick F. Bowe
Director
Remediation Division
Bureau of Water Protection and Land Reuse

APPENDIX F-2

CT DEEP AUGUST 9, 2017 COMMENTS AND ARMY RESPONSES



**US Army Corps
of Engineers®**

New England District
Engineering Planning Division
696 Virginia Road
Concord, Massachusetts
01742-2751

REVIEW COMMENTS

Project Name: Stratford Army Engine Plant
Location: Stratford, Connecticut
Document Name: (Final) Sediment Remediation Endpoints Report
Prepared By: Amec Foster Wheeler

Date: September 22, 2017
Reviewer: Connecticut DEEP
Dated: August 9, 2017

No.	COMMENTS	USACE Response
1.	The SRER response indicates CENAE’s rational to not include removal of polluted sediment at sample location TF-G6 in the Tidal Flats. DEEP again requests that removal of this be considered, especially if it can be accomplished during any dredging being conducted for access to the project area.	The Army will consider removal of sediment in the vicinity of location TF-G6 during development of the design for remedial action.
2.	The SRER indicates there may be a lack of data pertaining to potential Raymark waste near Outfall 008. DEEP will separately provide a link to characterization data obtained during earlier investigations for the Raymark Superfund Site that may address this data gap adequately.	Comment noted
3.	DEEP is concerned that as project design moves forward with selection of dredging methodology, the selection include consideration of aggressively preventing migration of turbidity downstream beyond the project area, to protect downstream coastal resources. Several years ago DEEP conducted an analysis of dredging options for SAEP and it will be separately provided for your information, since current project managers may not have previously seen it.	Mitigation of turbidity downstream beyond the project area will be evaluated in the design. The Army welcomes any analyses of dredging options the CT DEEP is willing to provide.
4.	DEEP reiterates its earlier opinion that additional lines of evidence would be needed to support the statement in the SRER and FSP that other sources may have caused some of the observed contamination near the breakwater and the tip of the causeway, but since removal is proposed this is not a significant data gap.	Comment noted.
5.	DEEP also reiterates its desire to ensure that the selected backfill material is appropriate, and is placed at sufficient depth to ensure that any remaining contamination is not subject to storm scour.	The Design will propose the selected backfill material and provide some evaluation of potential storm erosion/scour.



United States Army Corps of Engineers, New England District
Stratford Army Engine Plant, Stratford, CT
DRAFT FINAL Focused Feasibility Study

APPENDIX A-2

Addendum to Final Sediment Remediation Endpoints Report October 2018

**ADDENDUM
FINAL SEDIMENT REMEDIATION ENDPOINTS REPORT
TIDAL FLATS AND OUTFALL 008**

for

**Stratford Army Engine Plant
Stratford, Connecticut**

**Contract No.: W912WJ-15-D-003
Task Order No.: 002**

March 22, 2018

Prepared for:



**New England District
U.S. Army Corps of Engineers
696 Virginia Road
Concord MA 01742-2751**

Prepared by:

**Amec Foster Wheeler Environment & Infrastructure, Inc.
511 Congress Street
Portland, Maine 04101**

TABLE OF CONTENTS

1.0	INTRODUCTION.....	1-1
1.1	Background Information	1-1
1.2	Report Content and Purpose.....	1-5
2.0	SAMPLING, ANALYSIS, AND VALIDATION	2-1
2.1	Sediment Sampling	2-1
2.2	Data Validation	2-2
3.0	2017 SEDIMENT ANALYTICAL RESULTS	3-1
3.1	Total PCBs	3-1
3.2	Total Mercury	3-1
4.0	PROPOSED TIDAL FLATS SEDIMENT REMEDIATION FOOTPRINT	4-1
5.0	REFERENCES.....	5-1

FIGURES

1-1	Facility Location
1-2	Location of Sediment Areas
2-1	2017 Sediment Sampling Locations - Tidal Flats
3-1	0-1 foot, bgs Sediment Sample Total PCBs – Tidal Flats
3-2	1-2 foot, bgs Sediment Sample Total PCBs – Tidal Flats
3-3	4-5 foot, bgs Sediment Sample Total PCBs – Tidal Flats
3-4	5-6 foot, bgs Sediment Sample Total PCBs – Tidal Flats
3-5	6-7 foot, bgs Sediment Sample Total PCBs – Tidal Flats
3-6	7-8 foot, bgs Sediment Sample Total PCBs – Tidal Flats
3-7	4-5 foot, bgs Sediment Sample Mercury – Tidal Flats
3-8	5-6 foot, bgs Sediment Sample Mercury – Tidal Flats
3-9	6-7 foot, bgs Sediment Sample Mercury – Tidal Flats
3-10	7-8 foot, bgs Sediment Sample Mercury – Tidal Flats
4-1	Total PCBs and Proposed Remedial Footprint, 0-1 ft, bgs – Tidal Flats Area
4-2	Total PCBs and Proposed Remedial Footprint, 1-2 ft, bgs – Tidal Flats Area
4-3	Total PCBs and Proposed Remedial Footprint, 2-3 ft, bgs – Tidal Flats Area
4-4	Total PCBs and Proposed Remedial Footprint, 3-4 ft, bgs – Tidal Flats Area
4-5	Total PCBs and Proposed Remedial Footprint, 4-5 ft, bgs – Tidal Flats Area
4-6	Total PCBs and Proposed Remedial Footprint, 5-6 ft, bgs – Tidal Flats Area
4-7	Total PCBs and Proposed Remedial Footprint, 6-7 ft, bgs – Tidal Flats Area
4-8	Total PCBs and Proposed Remedial Footprint, 7-8 ft, bgs – Tidal Flats Area
4-9	Mercury and Proposed Remedial Footprint, 0-1 ft, bgs – Tidal Flats Area
4-10	Mercury and Proposed Remedial Footprint, 1-2 ft, bgs – Tidal Flats Area
4-11	Mercury and Proposed Remedial Footprint, 2-3 ft, bgs – Tidal Flats Area
4-12	Mercury and Proposed Remedial Footprint, 3-4 ft, bgs – Tidal Flats Area
4-13	Mercury and Proposed Remedial Footprint, 4-5 ft, bgs – Tidal Flats Area

- 4-14 Mercury and Proposed Remedial Footprint, 5-6 ft, bgs – Tidal Flats Area
- 4-15 Mercury and Proposed Remedial Footprint, 6-7 ft, bgs – Tidal Flats Area
- 4-16 Mercury and Proposed Remedial Footprint, 7-8 ft, bgs – Tidal Flats Area
- 4-17 Proposed Remedial Footprint 0-4 ft, bgs - Tidal Flats Area

TABLES

- 2-1 2017 Sediment Sampling Analytical Matrix
- 3-1 Analytical Results for 2017 Sediment Samples
- 4-1 SUMMARY OF ESTIMATED SEDIMENT REMEDIATION VOLUMES – TIDAL FLATS

APPENDICES

- A 2017 Sediment Sample Field Data Records
- B Laboratory Analytical Data Package
- C Data Validation Report
- D 2017 Sediment Analytical Results

ACRONYMS AND ABBREVIATION

AMEC	Amec Environment & Infrastructure, Inc.
bgs	below ground surface
BRAC	Base Closure and Realignment
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CENAE	U.S. Army Corps of Engineers New England District
COC	chain of custody
CT DEEP	Connecticut Department of Energy and Environmental Protection
CT DOT	Connecticut Department of Transportation
DOD	Department of Defense
ER-M	effects range - median
ERM-Q	effects range - median quotient
FS	Feasibility Study
LOD	limit of detection
LOQ	limit of quantitation
MDL	method detection limit
mg/kg	milligrams per kilogram
N/A	not applicable
ND	not detected
NOAA	National Oceanic and Atmospheric Administration
OF8	Outfall 008 Drainage Ditch
PAHs	polynuclear aromatic hydrocarbons
PCB	polychlorinated biphenyl
ppm	parts per million
QC	Quality Control
QSM	Quality systems Manual (Department of Defense)
RCPs	Reasonable Confidence Protocols
REF	Background/Reference Area
RI	Remedial Investigation
RSR	Remediation Standard Regulation
SAEP	Stratford Army Engine Plant
SIM	selective ion monitoring
SVOC	semi-volatile organic compound
TF	Tidal Flats

Addendum - Final Sediment Remediation Endpoints Report
Tidal Flats and Outfall 008
Stratford Army Engine Plant, Stratford, Connecticut

TOC total organic carbon

USACE United States Army Corps of Engineers

USEPA United States Environmental Protection Agency

1.0 INTRODUCTION

This report presents the results of 2017 sediment chemical characterization, proposed sediment remediation endpoints, and preliminary remediation footprints for sediments in the area known as the Tidal Flats at the Stratford Army Engine Plant (SAEP) in Stratford, Connecticut (the Site). The location of the SAEP is presented in **Figure 1-1**.

This report is an Addendum to the January 2018 Final Sediment Remediation Endpoints Report (Amec Foster Wheeler, 2018a). The Final Sediment Remediation Endpoints Report provides the results of 2014 and 2015 sediment chemical characterization, proposes sediment remediation endpoints, and provides preliminary remediation footprints for the areas known as the Tidal Flats and Outfall 008 at the SAEP. Section 4.2 of the Final Sediment Remediation Endpoints Report proposed additional sampling of sediments within the Tidal Flats area to:

- 1) delineate Total PCB concentrations at depths between 4 and 8 feet bgs at selected facility discharge outfalls, and
- 2) delineate more definitively the total PCB concentrations greater than or equal to 50 ppm in the 0-2 foot depth interval.

The following report presents the results of the 2017 investigations and revised preliminary sediment remediation footprints for the area known as the Tidal Flats.

1.1 Background Information

In October 1995, SAEP was placed on the Base Closure and Realignment (BRAC) list, known as BRAC 95. U.S. Army BRAC properties must be investigated to determine the nature and extent of environmental contamination. The U.S. Army prepared a Remedial Investigation (RI) Report (ACSIM, 2004) for the SAEP to characterize the nature and extent of contamination and evaluate potential risk to human health and the environment attributable to the Site.

As presented in the RI Report, under the legal and regulatory framework of the Comprehensive Environmental Resource Conservation and Recovery Act (CERCLA), remedial action and cleanup standards at SAEP will be primarily driven by the CERCLA §120(a)(4) mandate to meet the legally applicable state laws at non-NPL facilities. Under this mandate, two legally applicable state requirements will drive the remedial actions/cleanup standards at the site: (1) the Connecticut Remediation Standards Regulations (RSRs) for soil and groundwater, and (2) the Connecticut Surface Water Standards. Since these criteria are required to be met, regardless of the presence or absence of unacceptable risk, the risk assessment process in this RI Report serves a modified use other than the traditional use of a risk assessment in a RI Report. For those exposure pathways/media covered by the above applicable requirements, the risk assessment will not be decisive of the need for remedial action. Instead, the exceedance of the RSR standards/surface water standards will determine the need for remedial action. For these exposure pathways/media, the human health and ecological risk assessments in the RI Report will be primarily utilized as a basis to develop alternative criteria under the RSRs, when

determined to be pertinent and to clearly demonstrate compliance with the CERCLA protectiveness mandate in the administrative record.

The RI Report states that for exposure pathways/media not covered by the above applicable requirements (i.e., sediment and ecological receptors), the risk assessment will be used in the traditional sense to identify media/exposure pathways that require remedial action to meet the CERCLA protectiveness mandate.

There have been numerous investigations of the sediments in the Tidal Flats and Outfall 008 areas prior to 2014, and are summarized as follows:

- Sampling of the Tidal Flats and Outfall 008 drainage ditch sediments was conducted by the U.S. Army in 1992, 1994, and 1999 as part of a Remedial Investigation.
- The Connecticut Department of Transportation (CTDOT) also conducted sediment investigations in the Outfall 008 drainage ditch in August 2012.
- Background/reference sediment sampling was conducted in 1994, 1999, 2009, and 2012.

The RI Report (ACSIM, 2004) utilized the results of the investigations completed prior to 2002 to develop human health and ecological risk assessments to evaluate risk associated with the sediments of the Tidal Flats and Outfall 008 drainage ditch. The Human-Health Baseline Risk Assessment (HHBRA) considered exposure to sediments for recreational and commercial anglers and shell-fishermen (ACSIM, 2004). The following bullets summarize the HHBRA findings for potential exposure to sediments and consumption of biota:

- Risks associated with potential exposures to chemicals of potential concern (COPCs) in sediment under future recreational use conditions at the Tidal Flats and Outfall 008 drainage ditch are within the USEPA cancer risk range (highest cancer risk = 4E-05).
- The estimated hazard index (HI) value for future recreational use (wading) at the Outfall 008 Drainage ditch does not exceed a value of 1 under the assumption that chromium detected in ditch sediments is present as trivalent chromium (it is likely that the total chromium in the sediments is in the trivalent form because of the anaerobic conditions in this medium).
- Risks associated with hypothetical future commercial angling for fin-fish and commercial shell-fishing are generally within the USEPA cancer risk range and below an HI of 1.
- The results of the HHBRA indicate that ingestion of finfish and oysters at the Tidal Flats exceed an HI of 1 and/or the USEPA cancer risk range, but risks associated with sediment contact, and consumption of other biota (ribbed mussels in the Tidal Flats) are within USEPA risk management criteria.
- Risks associated with consumption of fin-fish and ribbed mussels taken from the Site are less than or equal to risks associated with consumption of fin-fish and ribbed mussels at background locations.

The Baseline Ecological Risk Assessment (BERA) was conducted to characterize ecological risks at the site in accordance with USEPA performance standards for risk characterization (ACSIM, 2004). The following bullets summarize the BERA findings for potential risks to ecological receptors in the Tidal Flats and Outfall 008 drainage ditch:

- The BERA indicates that there is no unacceptable risk to macroinvertebrates in the Tidal Flats.
- There is a potential risk to macroinvertebrates in the Outfall 008 drainage ditch due to inorganics (barium, chromium, and copper) and Aroclor-1260 in sediment. Risks associated with potential exposures to chemicals of potential concern (COPCs).
- The results of the BERA indicate that there is no significant risk to forage fish inhabiting the Tidal Flats; tissue concentrations are comparable to tissue concentrations from reference locations.
- At the Tidal Flats, there is no significant risk to the black duck and great blue heron, but a potential risk to sandpipers due to chromium in sediment and mercury (assumed to be methyl mercury) in biota.
- At Outfall 008, chromium concentrations in sediment may pose a risk to sandpipers, herons, and ducks if they frequently forage at this location (considered unlikely due to poor habitat quality).

Based on the age of the sediment data (1992-1998) associated with the HHBRA and BERA, the CT DEEP requested that, prior to establishment of remedial goals for sediment in the Tidal Flats and Outfall 008 drainage ditch sediments, additional sediment characterization be conducted. In April 2014, the U.S. Department of the Army issued the Final Work Plan for Determination of Sediment Remediation Endpoints, Tidal Flats and Outfall 008, Stratford Army Engine Plant, Stratford, Connecticut (AMEC, 2014a). This work plan was reviewed and approved by the CT DEEP. The Work Plan proposed sediment toxicity testing to assist in developing the remediation endpoint goals for the sediments in question, and laid out the steps for development of the remediation endpoints. The Final Work Plan also presented some of the historical sediment data referenced above. In April and May 2014, additional sediment sampling and toxicity testing were conducted, and in September 2014 the Army issued the Draft Sediment Remediation Endpoints Report for the Tidal Flats and Outfall 008 (AMEC, 2014b). The report presented the results of sediment chemical characterization, toxicity testing results, and proposed sediment remediation endpoints for the Tidal Flats and Outfall 008 areas. The results of the toxicity testing were that toxicity is not definitively linked with a specific chemical present in the sediment. As an alternative to using toxicity test results alone for development of remediation endpoints, the report presented statistical analyses of the data and proposed using an Effects Range Median Quotient (ERM-Q) of 1.0 for the metals cadmium, chromium, and copper.

On December 2, 2014, the CT DEEP submitted comments on the Draft Sediment Remediation Endpoints Report (AMEC, 2014b). CT DEEP concluded from their review of the report that toxicity is not definitively linked with a specific chemical, and recommended setting the remedial goal based on multiple chemicals to more accurately describe the chemical quality associated with the

non-toxic samples. CT DEEP's recommendations for determining the sediment remediation endpoint goals were as follows:

- Use an average ERM-Q of 0.5 for the eight metals arsenic, cadmium, chromium, copper, lead, nickel, silver, and zinc; an average ERM-Q > 0.5 would require remediation.
- Concentrations of mercury and PCBs should generally not be present in post-remedial conditions.
- Additional site characterization was needed to refine the area of sediment contamination both at depth within the Tidal Flat and Outfall 008 areas, as well as within surficial and deeper sediments between the eastern edge of the intertidal flats and the Housatonic River.

On February 17, 2015, the U.S. Department of the Army responded to CT DEEP's comments indicating that they agreed to removal of contaminated sediments with average ERM-Qs > 0.5 from the 0-2 foot below ground surface (bgs) interval in both the Tidal Flats and Outfall 008 areas, as well as replacement with CT DEEP-approved backfill.

Following further discussions with CT DEEP, the U.S. Department of the Army issued a memorandum to CT DEEP on March 24, 2015 indicating that they were committed to proceeding with the additional sampling in a timely manner to ensure redevelopment of the SAEP site without further delay.

In April 2015, additional sediment sampling was conducted in the Tidal Flats and Outfall 008 areas, as follows:

- between the Tidal Flats and the margin of the dredged Housatonic River channel,
- at depths greater than 2 feet bgs in the Tidal Flats, and
- at depths greater than 2 feet bgs in the Outfall 008 drainage ditch.

In November 2015, Amec Foster Wheeler was placed under contract to analyze the sediment samples collected in April 2015, and to incorporate the analytical results into a revised version of the Sediment Remediation Endpoints Report. The revised Sediment Remediation Endpoints Report was issued to the Army on July 29, 2016, and to the CT DEEP on March 7, 2017.

On May 17, 2017, the Army received comments from the CT DEEP on the Sediment Remediation Endpoints Report. These comments, and responses from the U.S. Army, are included as Appendix F. As a result of CT DEEP and USEPA comments, the U.S. Army developed a Field Sampling Plan (Amec Foster Wheeler, 2018b) to conduct sediment sampling and analyses in the Tidal Flats to further delineate:

- concentrations of PCBs from 0-2 feet below ground surface (bgs) at locations where total PCBs have been detected at concentrations exceeding 50 ppm; and
- concentrations of PCBs and mercury at depths between 4 and 8 feet bgs near the historic wastewater outfalls which discharged to the Tidal Flats west of the Causeway.

The results of these October 2017 sediment investigations are presented in this report.

1.2 Report Content and Purpose

This report is an Addendum to the Final Sediment Remediation Endpoints Report (Amec Foster Wheeler, 2018a), and presents the sediment data collected in 2017 from the Tidal Flats area, as well as the revised preliminary sediment remedial footprints (by depth interval) for the Tidal Flats. This document is intended to be used in development of the Feasibility Study for removal of the contaminated sediments. Amec Foster Wheeler is currently under contract with the U.S. Army Corps of Engineers – New England District (CENAE) to perform the Feasibility Study.

2.0 SAMPLING, ANALYSIS, AND VALIDATION

As a result of May 17, 2017 CT DEEP comments on the July 2016 version of the Sediment Remediation Endpoints Report, the U.S. Army developed a Field Sampling Plan (Amec Foster Wheeler, 2018b) to conduct sediment sampling and analyses in the Tidal Flats to further delineate:

- concentrations of PCBs from 0-2 feet below ground surface (bgs) at locations where total PCBs have been detected at concentrations exceeding 50 ppm; and
- concentrations of PCBs and mercury at depths between 4 and 8 feet bgs near the historic wastewater outfalls which discharged to the Tidal Flats west of the Causeway.

Figure 2-1 presents the locations of sediment samples collected, and analyses performed on the samples is presented in **Table 2-1**. Field data records for collection of sediment samples are provided in **Appendix A**.

2.1 Sediment Sampling

Sediment sampling activities were conducted in the Tidal Flats in October 2017 in accordance with the Feasibility Study Final Field Sampling Plan, Stratford Army Engine Plant, Stratford, Connecticut (Amec Foster Wheeler, 2018b), and the Final Quality Assurance Project Plan (QAPP) (Amec Foster Wheeler, 2018c), except where otherwise noted. The following paragraphs detail the locations, quantities, and analyses for the program.

Between October 17 and October 21, 2017, sediment samples were collected for chemical analysis from 32 locations, consisting of 90 individual samples (see **Table 2-1**). Additional sediment cores were collected as contingency samples, as specified in the FSP (Amec Foster Wheeler, 2018b), but were not analyzed by the laboratory. Sediment samples were collected using a Piston-Vibracore® rig mounted on a boat and operated by TG&B Marine Services. Coordinates for the sediment core location were collected using a Garmin GPS system with sub-meter accuracy, and are presented in **Table 2-1**. Field data records for collection of sediment samples are provided in **Appendix A**.

Sediment samples collected from the 0-1 and the 1-2 foot bgs depth intervals were analyzed for PCB homologs (method 8270-SIM), and the samples from 4-5, 5-6, 6-7, and 7-8 foot bgs depth intervals were analyzed for PCB homologs (method 8270-SIM, equivalent to method 680 modified) and mercury (method 245.1) (**Table 2-1**). Sediment samples were analyzed by EnviroSystems, Inc. of Hampton, New Hampshire, a CT DEEP-approved analytical laboratory.

The following bullets present changes from the activities proposed in the Field Sampling Plan (Amec Foster Wheeler, 2018b):

- Location SD-PCB-008 was moved approximately 40 feet southwest of the proposed location due to the presence of the Causeway cover system at the proposed location; and

- 0-1 and 1-2 foot samples were not collected from location SD-PCB-206 due to a field oversight.

2.2 Data Validation

The 2017 analytical data were validated following the USEPA Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use procedures (USEPA, 2009). Quality control (QC) limits established in the QAPP (Amec Foster Wheeler, 2018c) were used during data validation.

In accordance with general data reporting procedures in the Department of Defense (DOD) Quality Systems Manual (QSM) [DOD, 2017], the laboratory reported results using a combination of three detection limits including the limit of quantitation (LOQ), limit of detection (LOD), and the method detection limit (MDL). Results for compounds that are not detected in samples are reported as U qualified results at the LOD. The laboratory reports positive detections above the MDL. Values between the MDL and the LOQ are qualified as estimated (J) by the laboratory. The Data Validation Report is presented as **Appendix C**.

Analytical data are considered to be usable as reported by the laboratory, except for validation actions for PCB results as reported in **Appendix C**. Validation actions for PCBs include:

- A laboratory control sample had a percent recovery less than the quality control (QC) limit, resulting in monochlorobiphenyl and total PCB, resulting in one sample result being qualified as estimated (J);
- Matrix spike/matrix spike duplicate results for several samples had recoveries outside of QC limits for monochlorobiphenyl, trichlorobiphenyl, tetrachlorobiphenyl, hexachlorobiphenyl, and total PCBs, resulting in several sample results being qualified as estimated (J), and the non-detect result for monochlorobiphenyl rejected (R); and
- Field duplicate results for several samples had relative percent differences exceeding QC limits resulting in several sample results being qualified as estimated (J).

Mercury results are usable without qualification as reported by the laboratory.

3.0 2017 SEDIMENT ANALYTICAL RESULTS

The following subsections present a summary of sediment analytical results for the 2017 sediment samples collected from the Tidal Flats. Locations of sediment samples are presented in **Figure 2-1**. Sediment sample analytical results are presented in **Table 3-1**. Complete analytical results for sediments collected during the 2017 field program are presented in **Appendix C**. For sediment analytical results from prior investigations, please consult the Final Sediment Remediation Endpoints Report (Amec Foster Wheeler, 2018a).

The following subsections present the 2017 analytical results for total PCBs and mercury in the Tidal Flats sediments by depth interval.

3.1 Total PCBs

For the 0-1 foot bgs interval of the Tidal Flats sediments, total PCBs exceed 1.0 ppm in numerous samples where PCBs > 50 ppm were historically detected, however, no PCB concentrations > 50 ppm were detected, effectively delineating the areas of > 50 ppm total PCBs for this depth interval (**Figure 3-1**).

Total PCBs in the 1-2 foot bgs interval are all < 1.0 ppm, with one exception of a detection at 4.6 ppm near the tip of the Causeway (**Figure 3-2**). No PCB concentrations > 50 ppm were detected in 2017 samples, effectively delineating the areas of > 50 ppm total PCBs for this depth interval.

In accordance with the FSP (Amec Foster Wheeler, 2018b), no samples for PCB analysis were collected in 2017 from the depth intervals 2-3 foot bgs and 3-4 foot bgs (see **Table 2-1**).

Total PCBs detected in the 3-4, 4-5, 5-6, and 7-8 foot bgs intervals were all < 0.0055 ppm (**Figures 3-3 through 3-6**, respectively).

3.2 Total Mercury

In accordance with the FSP (Amec Foster Wheeler, 2018b), no samples for mercury analysis were collected in 2017 from the 0-1, 1-2, 2-3, and 3-4 foot bgs depth intervals (see **Table 2-1**).

Total mercury detected in the 4-5 foot bgs depth interval indicates concentrations < 0.025 ppm in the vicinity of the former wastewater outfalls along the Dike (**Figure 3-7**).

Analysis of total mercury in the 5-6 foot bgs depth interval samples, indicates detections at concentrations <= 0.02 ppm (**Figure 3-8**).

Total mercury detected in the 6-7 foot bgs depth interval indicates concentrations < 0.025 ppm near the former wastewater outfalls along the Dike (**Figure 3-9**).

Analysis of total mercury in the 7-8 foot bgs depth interval samples, indicates detections at concentrations < 0.025 ppm (**Figure 3-8**).

Addendum - Final Sediment Remediation Endpoints Report
Tidal Flats and Outfall 008
Stratford Army Engine Plant, Stratford, Connecticut

In summary, all mercury concentrations for 2017 samples collected from the depth intervals between 4 and 8 feet bgs were at least an order of magnitude less than the ER-M value of 0.71 ppm, and less than the proposed background concentration of 0.55 ppm (Amec Foster Wheeler, 2018b).

4.0 PROPOSED TIDAL FLATS SEDIMENT REMEDIATION FOOTPRINT

The following section presents proposed remedial footprints and estimated volumes of sediment to be removed from the Tidal Flats area based on the data presented in the Final Sediment Remediation Endpoints Report (Amec Foster Wheeler, 2018a), and the 2017 sample analytical results presented in this report. The proposed remedial footprints and volumes for the Outfall 008 drainage area remain unchanged from those presented in Final Sediment Remediation Endpoints Report (Amec Foster Wheeler, 2018a).

To determine the remedial footprint for the Tidal Flats area, average ERM-Q values for eight metals were plotted by depth interval (Amec Foster Wheeler, 2018a). Sediments with average ERM-Q values greater than or equal to 0.5 were considered to require remediation. For each depth interval, interpolated areas of sediments with average ERM-Q values greater than or equal to 0.5 were drawn. Figures 4-1 through 4-6 of the Final Sediment Remediation Endpoints Report (Amec Foster Wheeler, 2018a) present the sediment average ERM-Q values and an interpolated remedial footprint for the depth intervals 0-1, 1-2, 2-3, 3-4, 5-6, and 7-8 feet bgs, respectively.

As indicated previously in this report, the objectives of the 2017 sediment analytical sampling in the tidal Flats were to delineate: 1) concentrations of PCBs from 0-2 feet bgs at locations where total PCBs have been detected at concentrations exceeding 50 ppm, and 2) concentrations of PCBs and mercury at depths between 4 and 8 feet bgs near the historic wastewater outfalls which discharged to the Tidal Flats west of the Causeway. The following paragraphs describe the impact of 2017 analytical results on the proposed remedial footprints of the Final Sediment Remediation Endpoints Report (Amec Foster Wheeler, 2018a), and present revised remedial footprints and sediment removal volumes, as necessary.

Total PCB (both Aroclors and Homologs) data from 1992 through 2017 are plotted by depth interval on **Figures 4-1** through **4-8** of this report to evaluate total PCB concentrations relative to the average ERM-Q based remedial footprint presented in the Final Sediment Remediation Endpoints Report (Amec Foster Wheeler, 2018a). In addition, the interpolated areas of PCBs between 1 and 50 ppm, and > 50 ppm are presented on the figures. The following bullets present a summary by depth interval of the evaluation of total PCB concentrations relative to the average ERM-Q based remedial footprints:

- **0-1 foot bgs (Figure 4-1):** Although the interpolated areas of PCBs between 1 and 50 ppm and > 50 ppm were reduced based on the 2017 data, the 2017 data did not impact the average ERM-Q remedial footprint, as all total PCB concentrations > 0.5 ppm remain within the average ERM-Q remedial footprint. The sample at grid location L6 with a total PCB concentration of 0.45 ppm was not included in the remedial footprint, due to the location being in the river channel where additional sources of PCBs not associated with SAEP may be present. CT DEEP response to comments on the Final Sediment Remediation Endpoints Report (Appendix F, Amec Foster Wheeler, 2018a) anticipate post-remedial conditions based on the 1992-2015 PCBs data to yield an acceptable 95% UCL of 0.13 ppm total PCBs.

- **1-2 feet bgs (Figure 4-2):** Although the interpolated areas of PCBs between 1 and 50 ppm, and > 50 ppm, were reduced based on the 2017 data, the 2017 data did not impact the average ERM-Q remedial footprint, as all total PCB concentrations > 0.2 ppm remain within the average ERM-Q remedial footprint. The exception is for sample SD15TFG601FS at grid location G6 with a total PCB concentration of 0.26 ppm. Based on CT DEEP anticipated post-remedial conditions for the 0-1 foot depth interval (see above), which has very similar post-remedial total PCB concentrations to the 1-2 foot interval, resulting in an acceptable 95% UCL of 0.13 ppm total PCBs, the Army proposes no remedial action at this location.
- **2-3 feet bgs (Figure 4-3):** Samples with total PCB concentrations > 0.2 ppm fall within the average ERM-Q remedial footprint. The exception is sample SD15TFG602FS at grid location G6 with a total PCB concentration of 0.53 ppm. Based on the same rationale provided for this location in the 1-2 foot depth interval (anticipated post-remedial total PCB 95% UCL concentration of 0.13 ppm), the Army proposes no remedial action at this location.
- **3-4 feet bgs (Figure 4-4):** Samples with total PCB concentrations > 0.2 ppm generally fall within the average ERM-Q remedial footprint. The exception is sample SD15TFD003FS at grid location D0 with a total PCB concentration of 0.77 ppm. CT DEEP response to comments on the Final Sediment Remediation Endpoints Report (Appendix F, Amec Foster Wheeler, 2018a) anticipate post-remedial conditions based on the 1992-2015 PCBs data to yield an acceptable 95% UCL of 0.13 ppm total PCBs; therefore, the Army proposes no remedial action at this location.
- **4-5 feet bgs (Figure 4-5):** Total PCB concentrations within this depth interval are < 0.055 ppm, which is less than the proposed background concentration of 0.31 ppm and the ERM value of 0.18 ppm. No remedial action is planned for this depth interval based on average ERM-Q results or total PCB concentrations.
- **5-6 feet bgs (Figure 4-6):** Total PCB concentrations within this depth interval are < 0.055 ppm, which is less than the proposed background concentration of 0.31 ppm and the ERM value of 0.18 ppm. No remedial action is planned for this depth interval based on average ERM-Q results or total PCB concentrations.
- **6-7 feet bgs (Figure 4-7):** Total PCB concentrations in this depth interval are < 0.0015 ppm, which is less than the proposed background concentration of 0.31 ppm and the ERM value of 0.18 ppm. No remedial action is planned for this depth interval based on average ERM-Q results or total PCB concentrations.
- **7-8 feet bgs (Figure 4-8):** 2017 sampling for total PCBs in this depth interval was prompted by detection of total PCBs in sample SD15TFD007FS, at grid location D0, at a concentration of 3.32 ppm. 2017 sampling near this 2015 sample indicates total PCB concentrations within a radius of approximately 50 feet to be < 0.03 ppm. Given the 2017 sampling results are < 0.03 ppm, combined with the fact that the 4-5, 5-6, and 6-7 foot sample intervals above have total PCB concentrations < 0.055 ppm, it is probable that the 2015 sample result of 3.32 ppm is an artifact of sampling procedure, and likely reflects

some form of cross-contamination from the 0-2 foot depth interval at this location. Therefore, no remedial action is planned for this depth interval.

Total mercury data from 1992 through 2017 are plotted by depth interval on **Figures 4-9 through 4-12** of this report to evaluate mercury concentrations relative to the average ERM-Q based remedial footprint presented in the Final Sediment Remediation Endpoints Report (Amec Foster Wheeler, 2018a). The following bullets present a summary by depth interval of the evaluation of mercury concentrations relative to the average ERM-Q based remedial footprints:

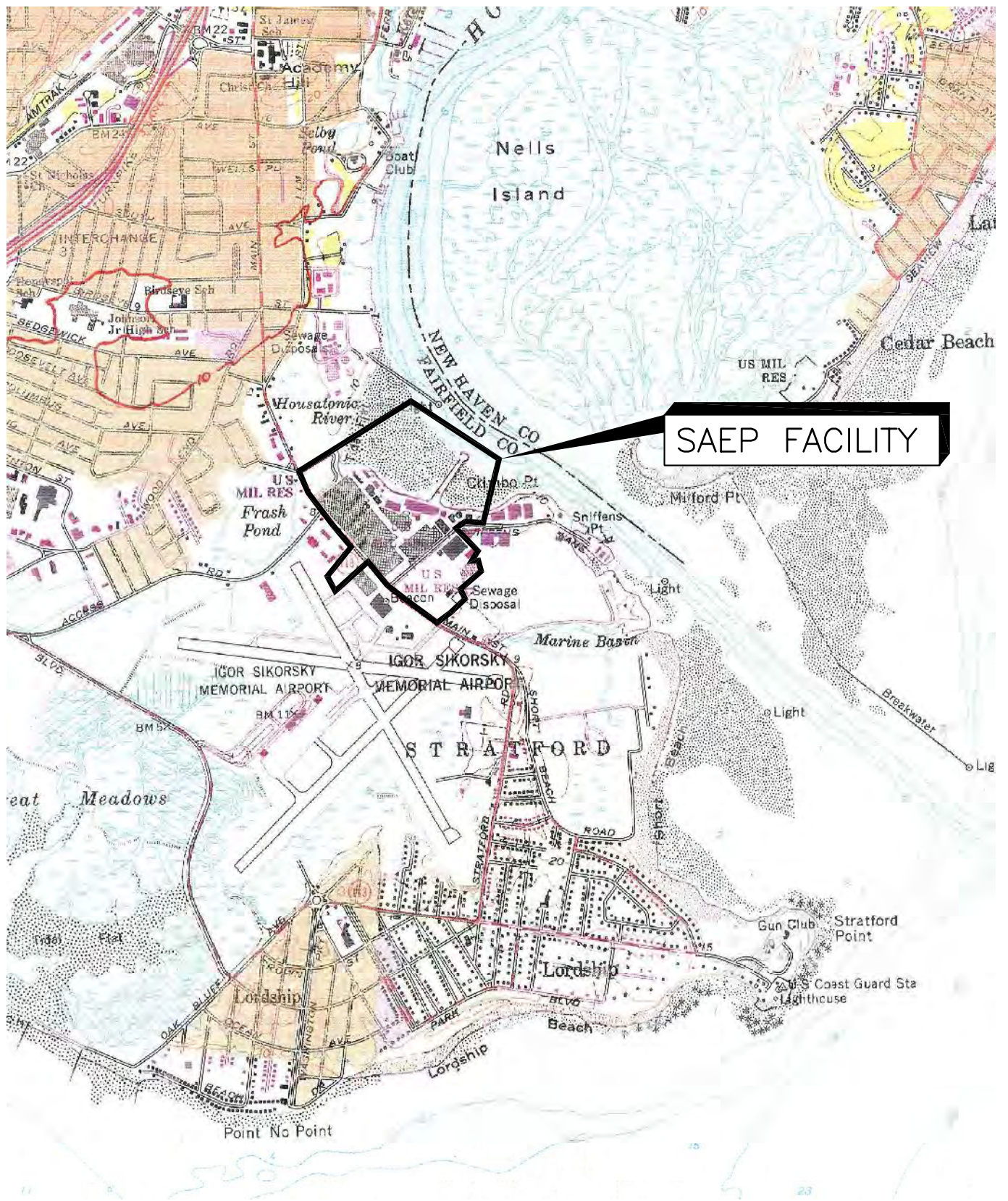
- **0-1 foot bgs (Figure 4-9):** Samples with mercury concentrations greater than the proposed background concentration of 0.55 ppm and the ER-M value of 0.71 ppm fall within the average ERM-Q remedial footprint. The highest mercury concentration in samples outside the proposed remedial footprint is 0.38 ppm, between the tip of the Causeway and the Housatonic River channel.
- **1-2 foot bgs (Figure 4-10):** Samples with mercury concentrations greater than the proposed background concentration of 0.55 ppm and the ER-M value of 0.71 ppm fall within the average ERM-Q remedial footprint.
- **2-3 foot bgs (Figure 4-11):** Samples with total mercury concentrations greater than the proposed background concentration of 0.55 ppm and the ER-M value of 0.71 ppm fall within the average ERM-Q remedial footprint.
- **3-4 foot bgs (Figure 4-12):** Samples with mercury concentrations greater than the proposed background concentration of 0.55 ppm and the ER-M value of 0.71 ppm fall within the average ERM-Q remedial footprint.
- **4-5 foot bgs (Figure 4-13):** There are no samples with mercury concentrations greater than the proposed background concentration of 0.55 ppm and the ER-M value of 0.71 ppm within this depth interval.
- **5-6 foot bgs (Figure 4-14):** There are no samples with mercury concentrations greater than the proposed background concentration of 0.55 ppm and the ER-M value of 0.71 ppm within this depth interval.
- **6-7 foot bgs (Figure 4-15):** There are no samples with mercury concentrations greater than the proposed background concentration of 0.55 ppm and the ER-M value of 0.71 ppm within this depth interval.
- **7-8 foot bgs (Figure 4-16):** There are no samples with mercury concentrations greater than the proposed background concentration of 0.55 ppm and the ER-M value of 0.71 ppm within this depth interval.

Figure 4-17 presents the proposed remedial footprint for Tidal Flats Area sediments over the depth interval from 0-4 ft bgs, based on average ERM-Q values ≥ 0.5 , and the rationale for inclusion or exclusion of total PCB and mercury results discussed above. **Table 4-1** presents a summary of the estimated volume of sediments, by depth interval from 0-4 feet bgs, proposed for removal from the Tidal Flats Area, as well as estimates of total PCB sediment volumes with concentrations between 1 and 50 ppm, and > 50 ppm.

5.0 REFERENCES

- ACSIM, 2004. Final Remedial Investigation Report, Stratford Army Engine Plant, Stratford, CT. Prepared for the U.S. Army. September 2004.
- AMEC, 2014a. Final Work Plan: Determination of Sediment Remediation Endpoints, Tidal Flats and Outfall 008, Stratford Army Engine Plant, Stratford, CT. April 16, 2014.
- AMEC, 2014b. Draft Sediment Remediation Endpoints Report, Tidal Flats and Outfall 008, Stratford Army Engine Plant, Stratford, CT. September 26, 2014.
- Amec Foster Wheeler, 2018a. Final Sediment Remediation Endpoints Report, Tidal Flats and Outfall 008, Stratford Army Engine Plant, Stratford, CT. January 2018.
- Amec Foster Wheeler, 2018b. Final Field Sampling Plan, Stratford Army Engine Plant, Stratford, Connecticut. January 2018.
- Amec Foster Wheeler, 2018c. Final Quality Assurance Project Plan (QAPP), Stratford Army Engine Plant, Stratford, Connecticut. January 2018.
- Department of Defense (DOD), 2017. "Quality Systems Manual for Environmental Laboratories"; Department of Defense, Department of Energy (DOE) Consolidated; Version 5.1; January 3, 2017.
- Long, E.R. and L.G. Morgan, 1990. The Potential for Biological Effects of Sediment Sorbed Contaminants Tested in the National Status and Trends program. NOAA Technical Memorandum NOS OMA 52, Seattle, WA 175 pp & appendices
- URS Corporation AES, 2014. Removal Work Plan for the Time Critical Removal Action, Airport Property Portion of Operable Unit 6, Raymark Industries, Inc., Superfund Site, To Be Undertaken as Part of the Safety Improvements to Include Re-Alignment of Main Street (CT Rte. 113), CT DOT Project No. 15-336, Stratford, CT. URS Project No. 36938969. February 28, 2014.
- USEPA, 2009. "USEPA Guidance for Labelling Externally Validated Laboratory Analytical Data for Superfund Use"; Office of Solid Waste and Emergency Response; OSWER No. 9200.1-85, EPA 540-R-08-005, January 13, 2009.

FIGURES



SAEP FACILITY

PREPARED:	DRP
CHECKED:	DRB

MAP SOURCE:

FROM BRIDGEPORT & MILFORD, CT. USGS QUADRANGLE MAP, 1970 & 1960, PHOTOREVISED 1984. REVISED FROM: URS Greiner Woodward Clyde - WAYNE, NEW JERSEY. DATED MARCH 2, 2000.



**FIGURE 1-1
FACILITY LOCATION**

**STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**



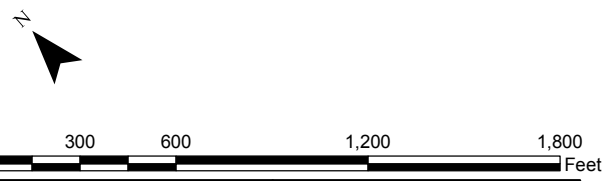


TIDAL FLATS

BACKGROUND/REFERENCE AREA

OUTFALL 008 DRAINAGE DITCH

LEGEND

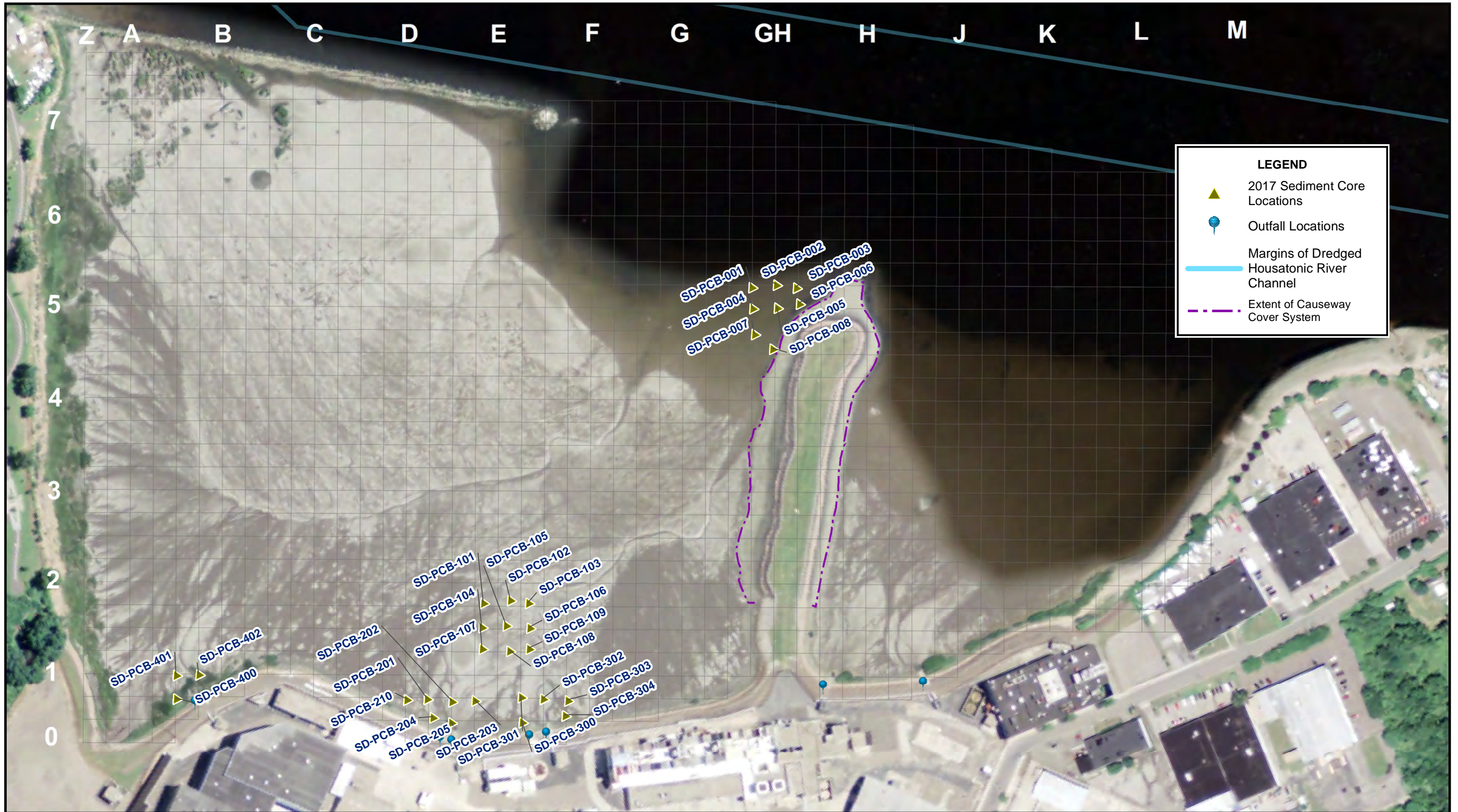


Prepared/Date: BRP 11/20/13 Checked/Date: DRP 11/20/13





Figure 1-2
Location of Sediment Areas

Stratford Army Engine Plant
Stratford, Connecticut





LEGEND

-  2017 Sediment Core Locations
-  Outfall Locations
-  Margins of Dredged Housatonic River Channel
-  Extent of Causeway Cover System



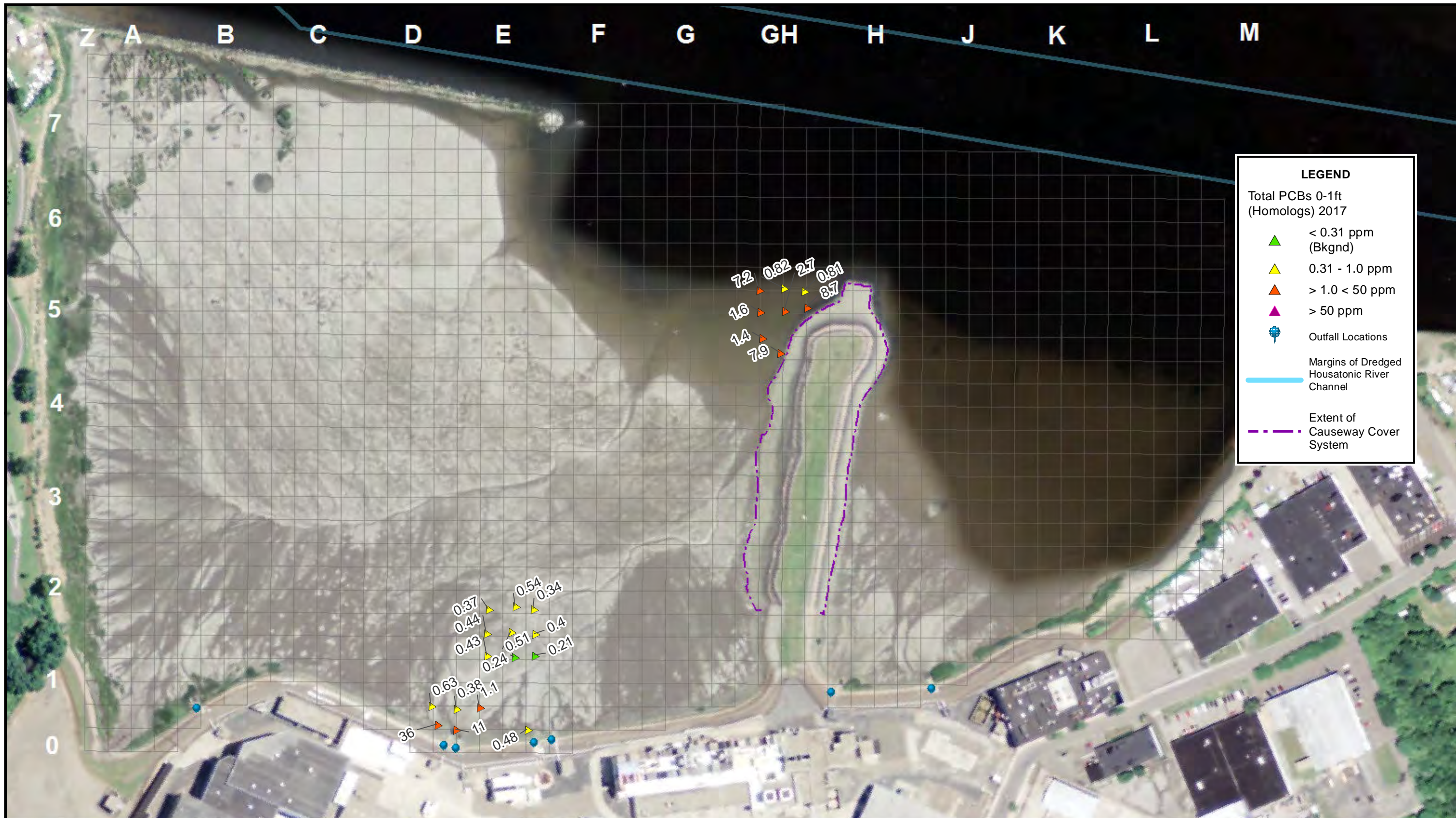
2014 Aerial Imagery
 USDA National Agriculture
 Imagery Program

0 100 200 400
 Feet

Prepared/Date: DRP 03/19/2018 Checked/Date: TD 03/20/2018

Figure 2-1
 2017 Sediment Sampling Locations
 Tidal Flats

Stratford Army Engine Plant
 Stratford, Connecticut



LEGEND

Total PCBs 0-1ft
(Homologs) 2017

- ▲ < 0.31 ppm
(Bkgnd)
- ▲ 0.31 - 1.0 ppm
- ▲ > 1.0 < 50 ppm
- ▲ > 50 ppm
- Outfall Locations
- Margins of Dredged Housatonic River Channel
- - - Extent of Causeway Cover System



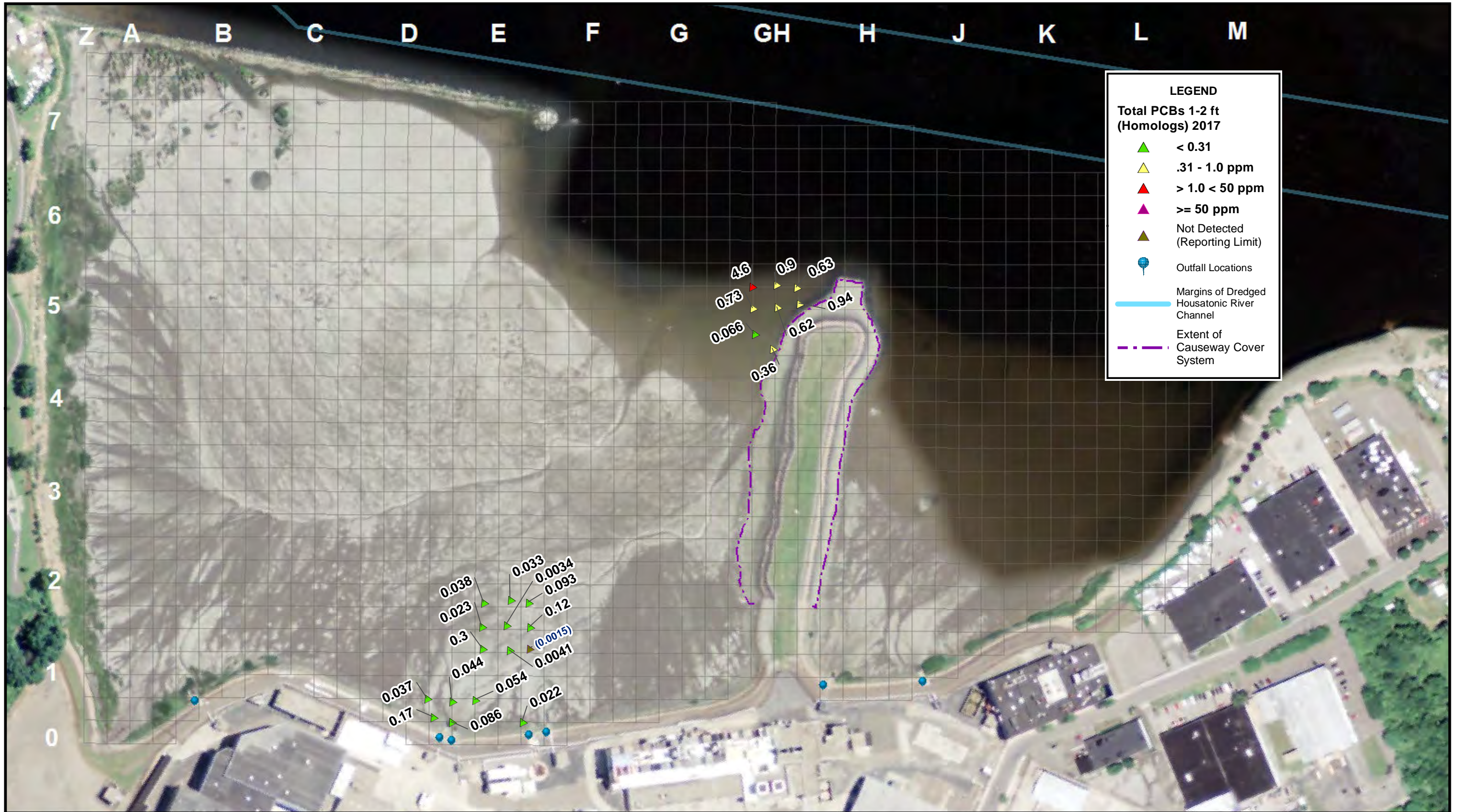
2014 Aerial Imagery
USDA National Agriculture
Imagery Program

0 100 200 400
Feet

Prepared/Date: DRP 03/19/2018 Checked/Date: TD 03/20/18

Figure 3-1
0-1 foot, bgs Sediment Sample Total PCBs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut



LEGEND

Total PCBs 1-2 ft (Homologs) 2017

- ▲ < 0.31
- ▲ .31 - 1.0 ppm
- ▲ > 1.0 < 50 ppm
- ▲ >= 50 ppm
- ▲ Not Detected (Reporting Limit)
- Outfall Locations
- Margins of Dredged Housatonic River Channel
- - - Extent of Causeway Cover System



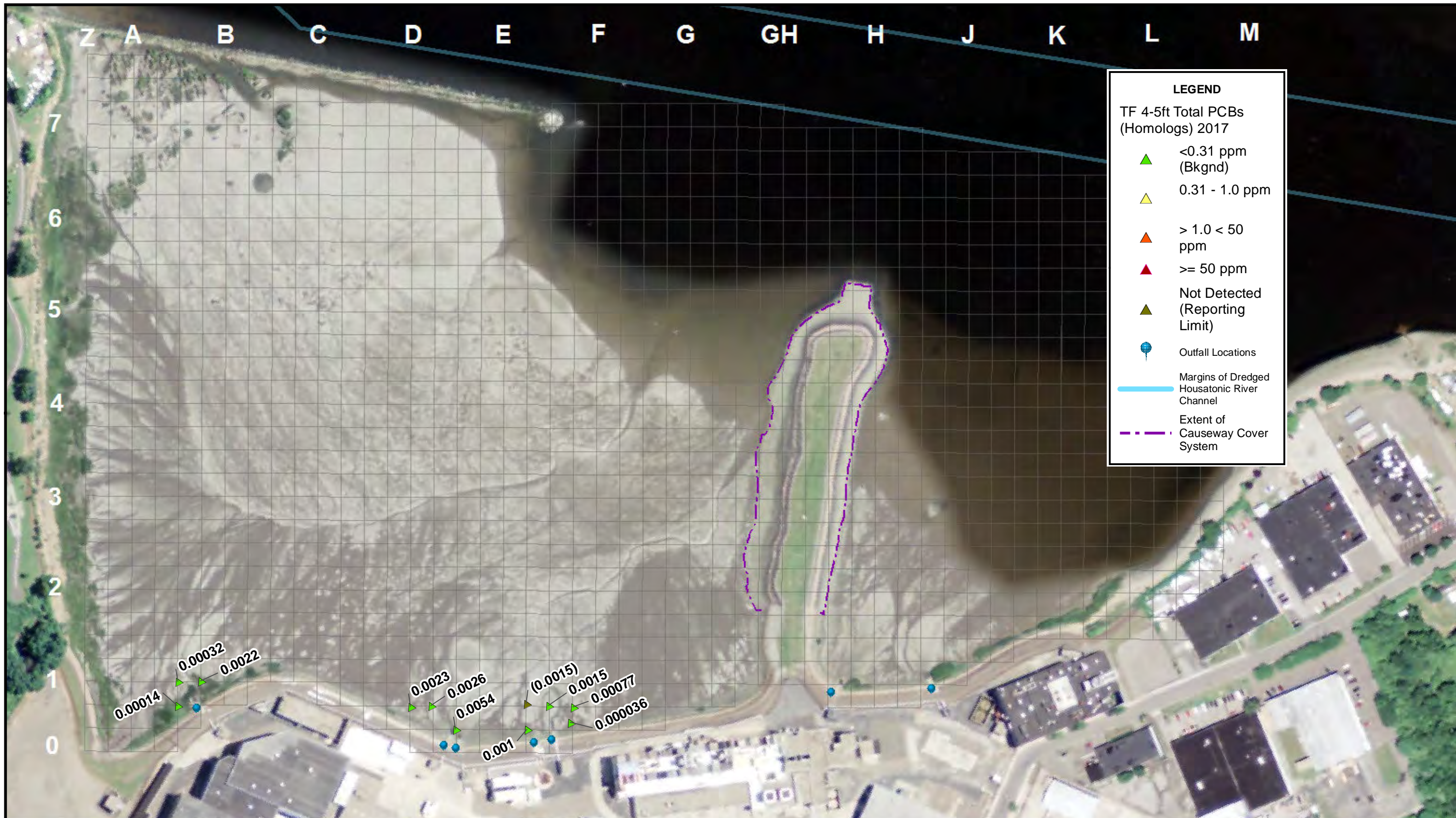
2014 Aerial Imagery
 USDA National Agriculture
 Imagery Program

0 100 200 400
 Feet

Prepared/Date: DRP 03/19/2018 Checked/Date: TD 03/20/18

Figure 3-2
 1-2 foot, bgs Sediment Sample Total PCBs
 Tidal Flats

Stratford Army Engine Plant
 Stratford, Connecticut



LEGEND

TF 4-5ft Total PCBs (Homologs) 2017

- ▲ <0.31 ppm (Bkgnd)
- ▲ 0.31 - 1.0 ppm
- ▲ > 1.0 < 50 ppm
- ▲ >= 50 ppm
- ▲ Not Detected (Reporting Limit)
- Outfall Locations
- Margins of Dredged Housatonic River Channel
- - - Extent of Causeway Cover System



2014 Aerial Imagery
USDA National Agriculture
Imagery Program

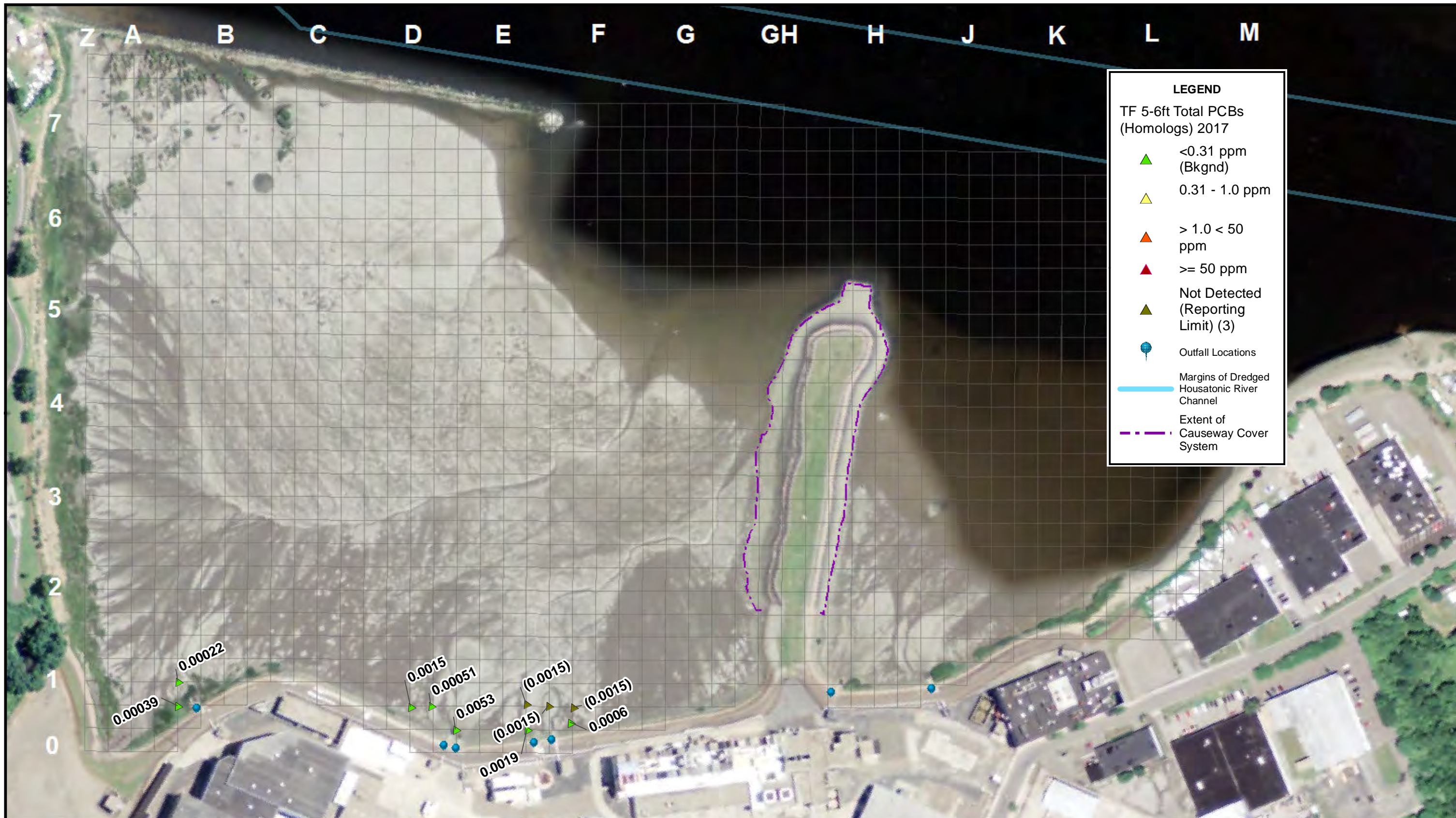


0 100 200 400
Feet

Prepared/Date: DRP 03/19/2018 Checked/Date: TD 03/20/18

Figure 3-3
4-5 foot, bgs Sediment Sample Total PCBs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut



LEGEND

TF 5-6ft Total PCBs (Homologs) 2017

- ▲ <math><0.31\text{ ppm}</math> (Bkgnd)
- ▲ 0.31 - 1.0 ppm
- ▲ > 1.0 < 50 ppm
- ▲ >= 50 ppm
- ▲ Not Detected (Reporting Limit) (3)
- Outfall Locations
- Margins of Dredged Housatonic River Channel
- - - Extent of Causeway Cover System



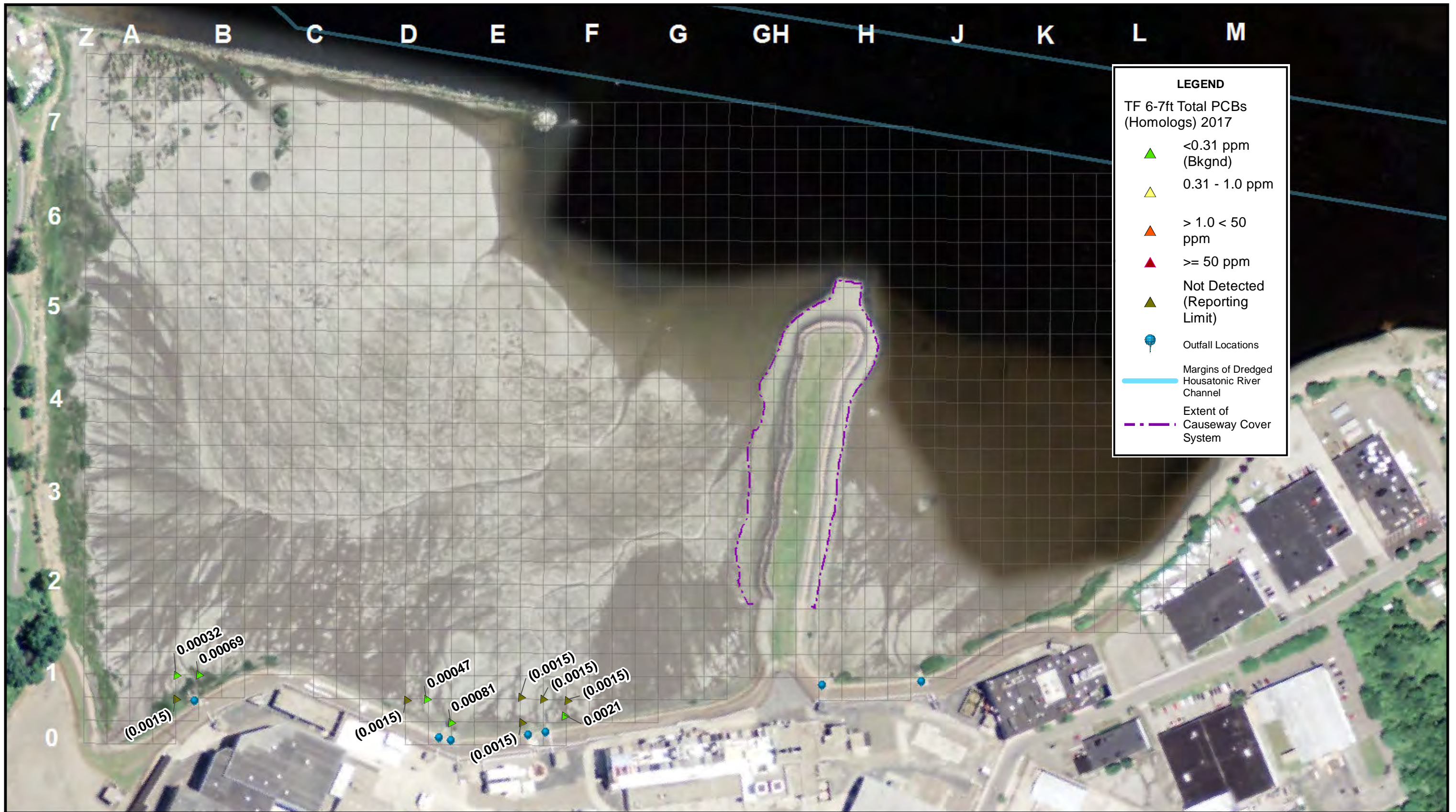
2014 Aerial Imagery
USDA National Agriculture
Imagery Program



Prepared/Date: DRP 03/19/2018 Checked/Date: TD 03/20/18

Figure 3-4
5-6 foot, bgs Sediment Sample Total PCBs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut



LEGEND

TF 6-7ft Total PCBs (Homologs) 2017

- ▲ <0.31 ppm (Bkgnd)
- ▲ 0.31 - 1.0 ppm
- ▲ > 1.0 < 50 ppm
- ▲ >= 50 ppm
- ▲ Not Detected (Reporting Limit)
- Outfall Locations
- Margins of Dredged Housatonic River Channel
- - - Extent of Causeway Cover System



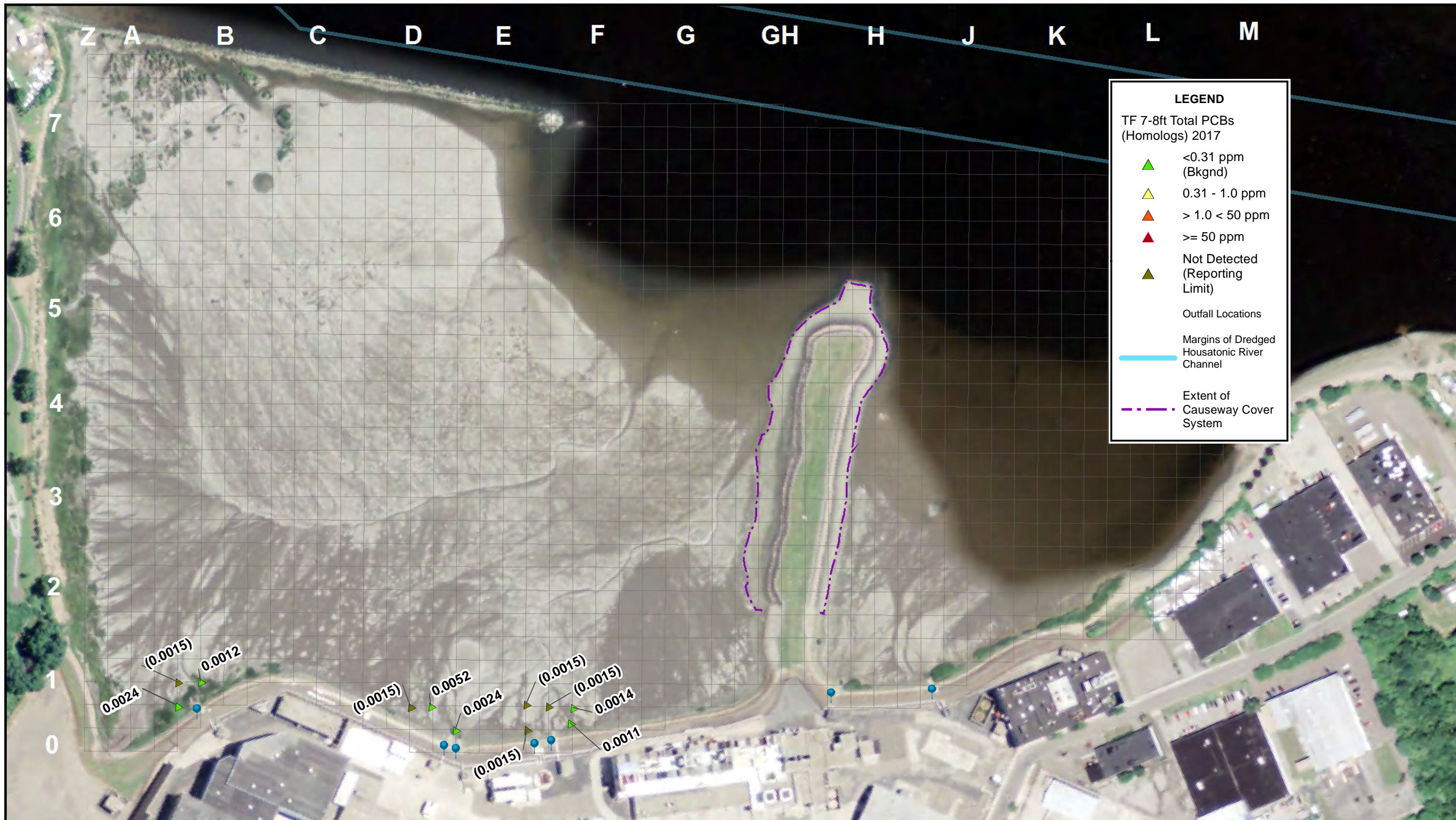
2014 Aerial Imagery
 USDA National Agriculture
 Imagery Program



Prepared/Date: DRP 03/19/2018 Checked/Date: TD 03/20/18

Figure 3-5
 6-7 foot, bgs Sediment Sample Total PCBs
 Tidal Flats

Stratford Army Engine Plant
 Stratford, Connecticut



LEGEND

TF 7-8ft Total PCBs (Homologs) 2017

- ▲ <0.31 ppm (Bkgnd)
- ▲ 0.31 - 1.0 ppm
- ▲ > 1.0 < 50 ppm
- ▲ >= 50 ppm
- ▲ Not Detected (Reporting Limit)
- Outfall Locations
- Margins of Dredged Housatonic River Channel
- - - Extent of Causeway Cover System



2014 Aerial Imagery
USDA National Agriculture Imagery Program



Prepared/Date: DRP 03/19/2018 Checked/Date: TD 03/20/18

Figure 3-6
7-8 foot, bgs Sediment Sample Total PCBs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut

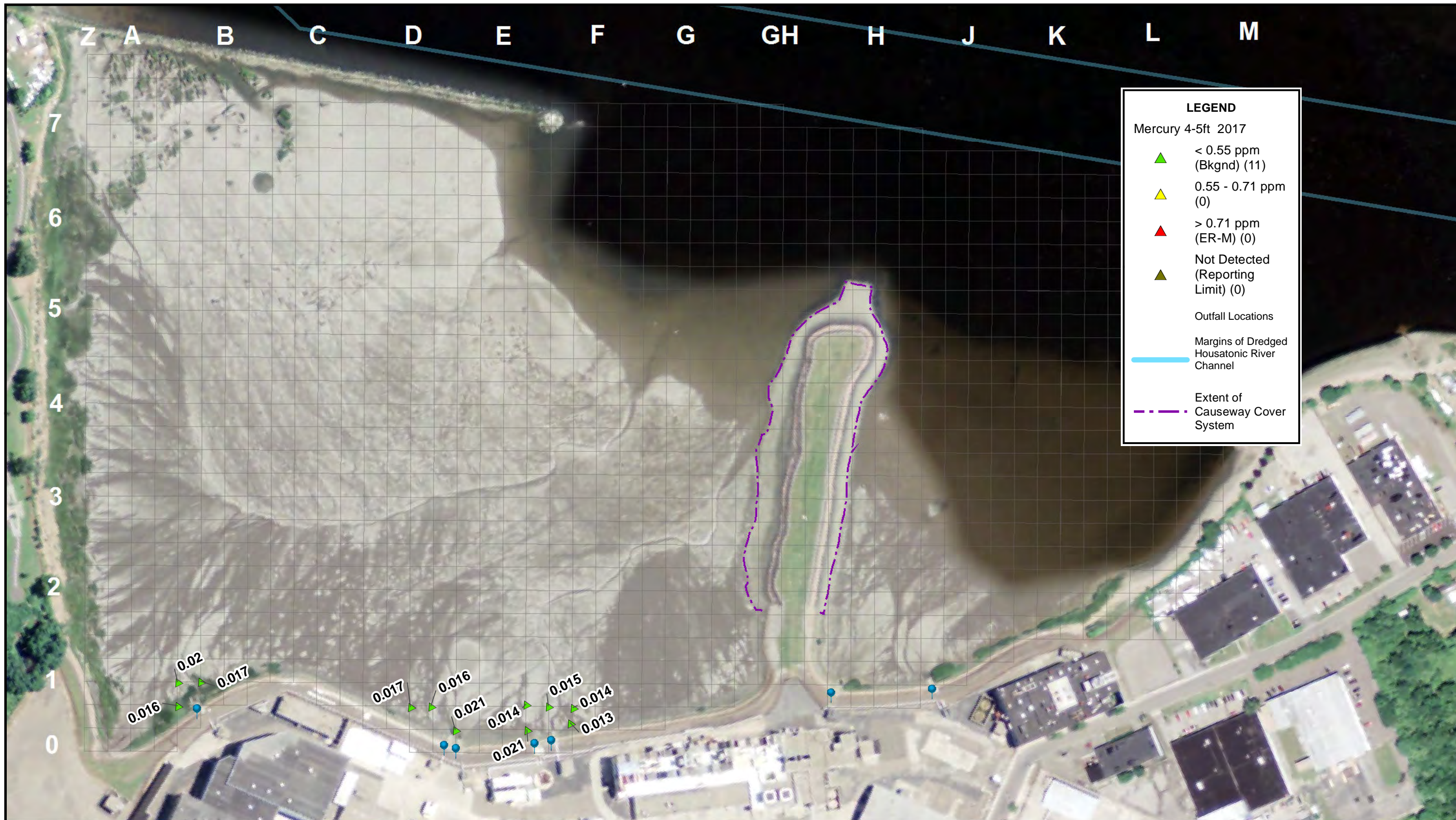


Figure 3-7
4-5 foot, bgs Sediment Sample Mercury
Tidal Flats

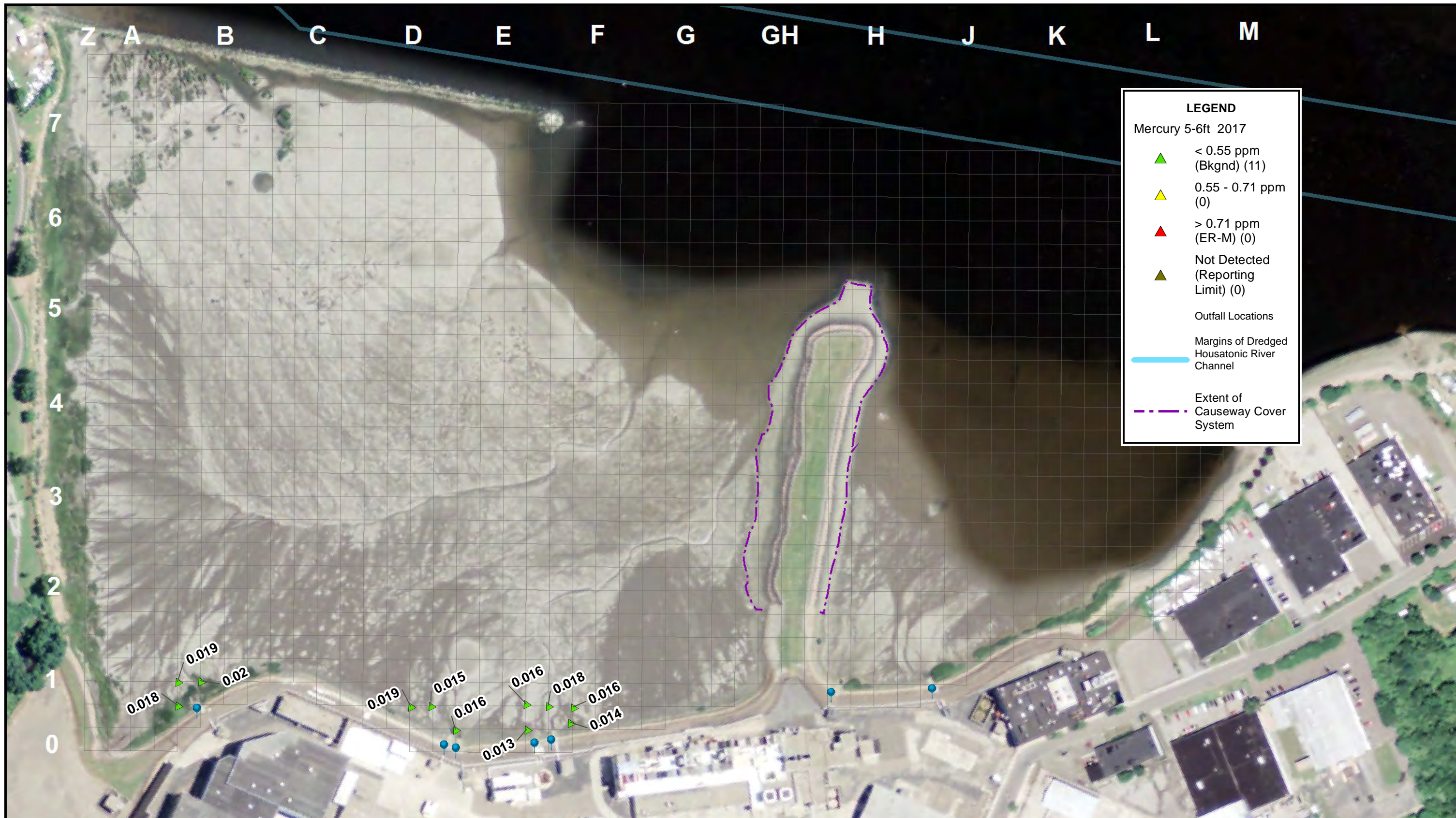
Stratford Army Engine Plant
Stratford, Connecticut



2014 Aerial Imagery
USDA National Agriculture
Imagery Program

0 100 200 400
Feet

Prepared/Date: DRP 03/19/2018 Checked/Date: TD 03/20/18



LEGEND

Mercury 5-6ft 2017

- ▲ < 0.55 ppm (Bkgnd) (11)
- ▲ 0.55 - 0.71 ppm (0)
- ▲ > 0.71 ppm (ER-M) (0)
- ▲ Not Detected (Reporting Limit) (0)

Outfall Locations

Margins of Dredged Housatonic River Channel

Extent of Causeway Cover System



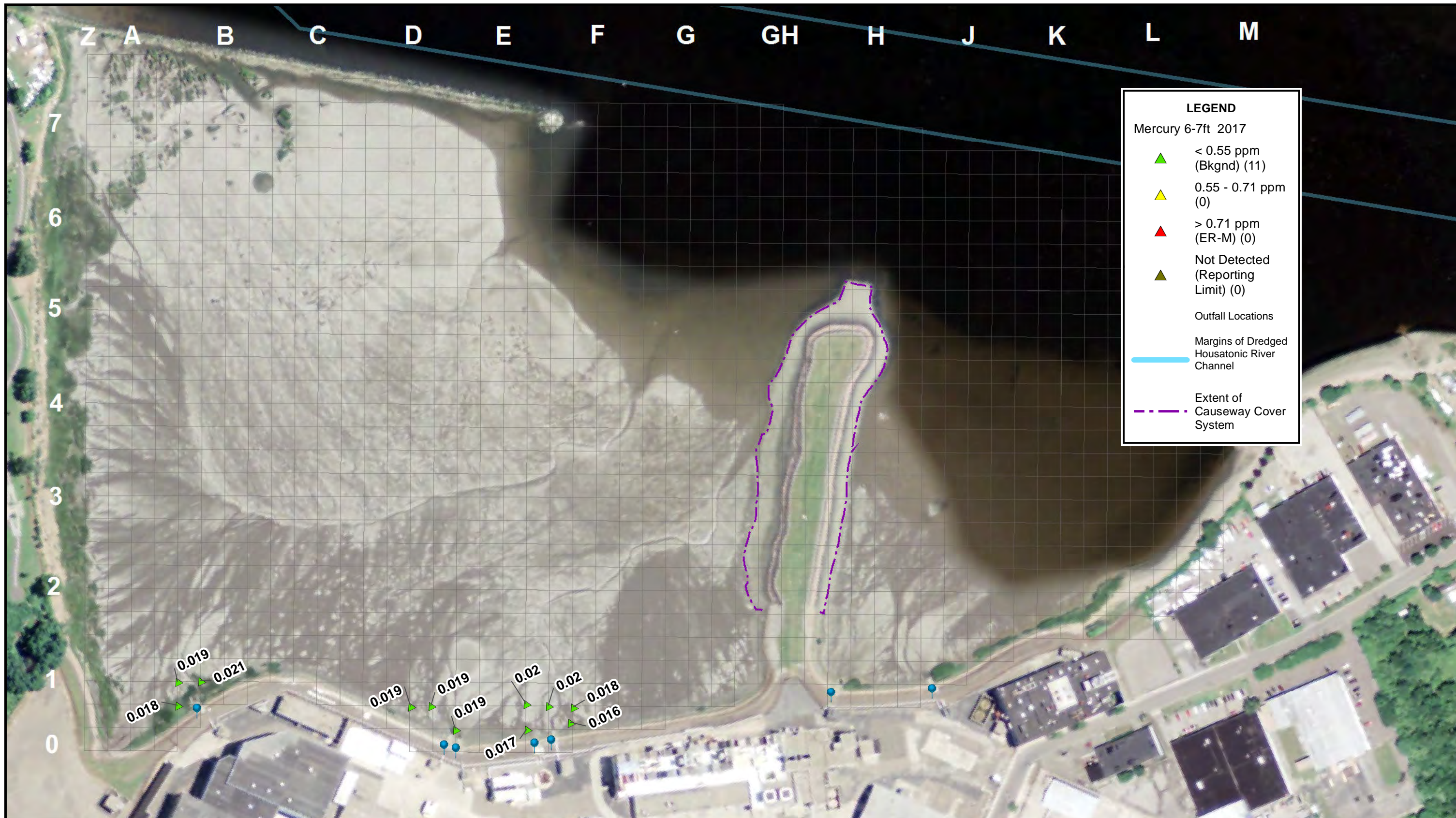
2014 Aerial Imagery
USDA National Agriculture
Imagery Program



Prepared/Date: DRP 03/19/2018 Checked/Date: TD 03/20/18

Figure 3-8
5-6 foot, bgs Sediment Sample Mercury
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut



2014 Aerial Imagery
 USDA National Agriculture
 Imagery Program

0 100 200 400
 Feet

Prepared/Date: DRP 03/19/2018 Checked/Date: TD 03/20/18

Figure 3-9
 6-7 foot, bgs Sediment Sample Mercury
 Tidal Flats

Stratford Army Engine Plant
 Stratford, Connecticut

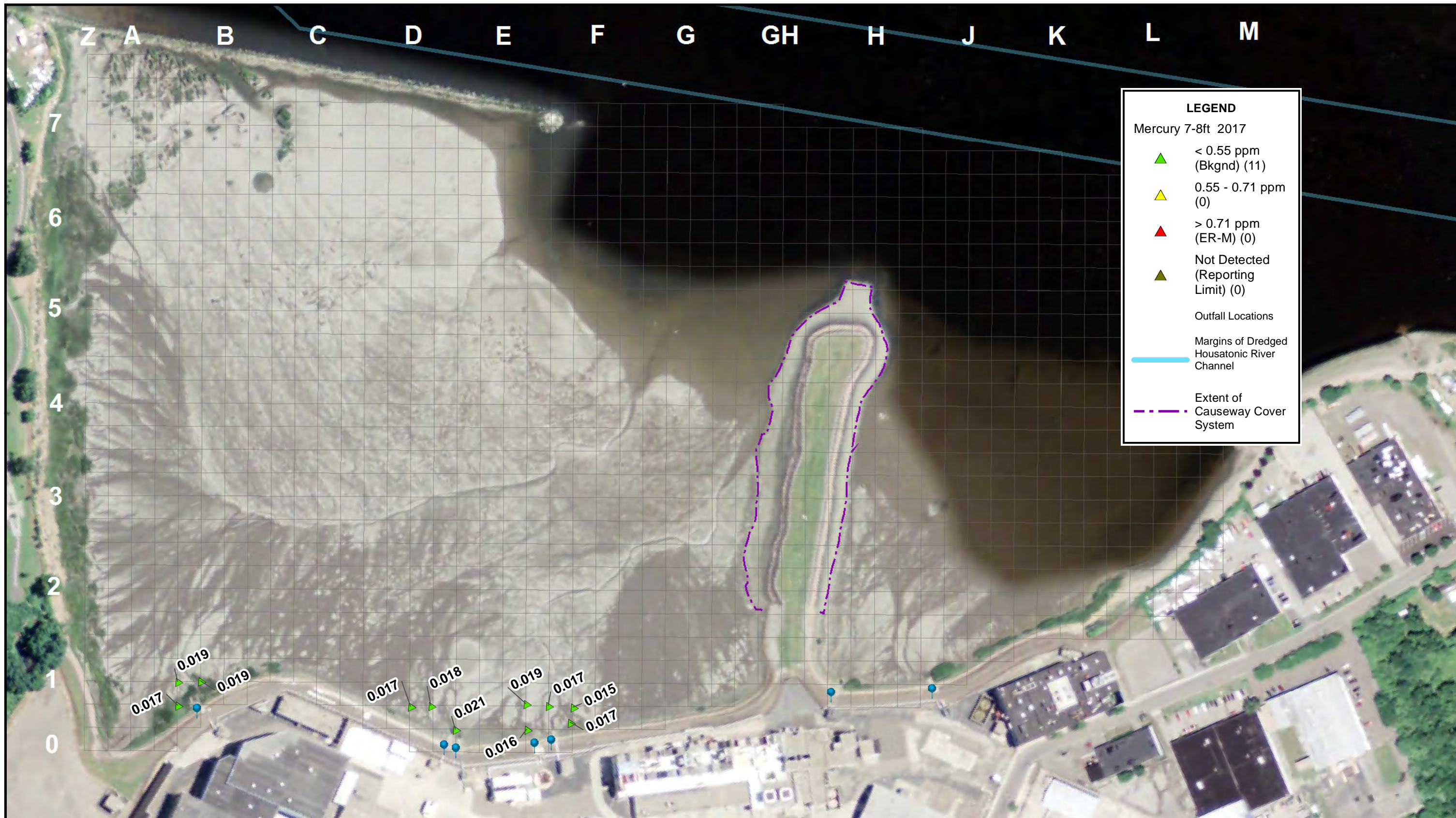


Figure 3-10
7-8 foot, bgs Sediment Sample Mercury
Tidal Flats

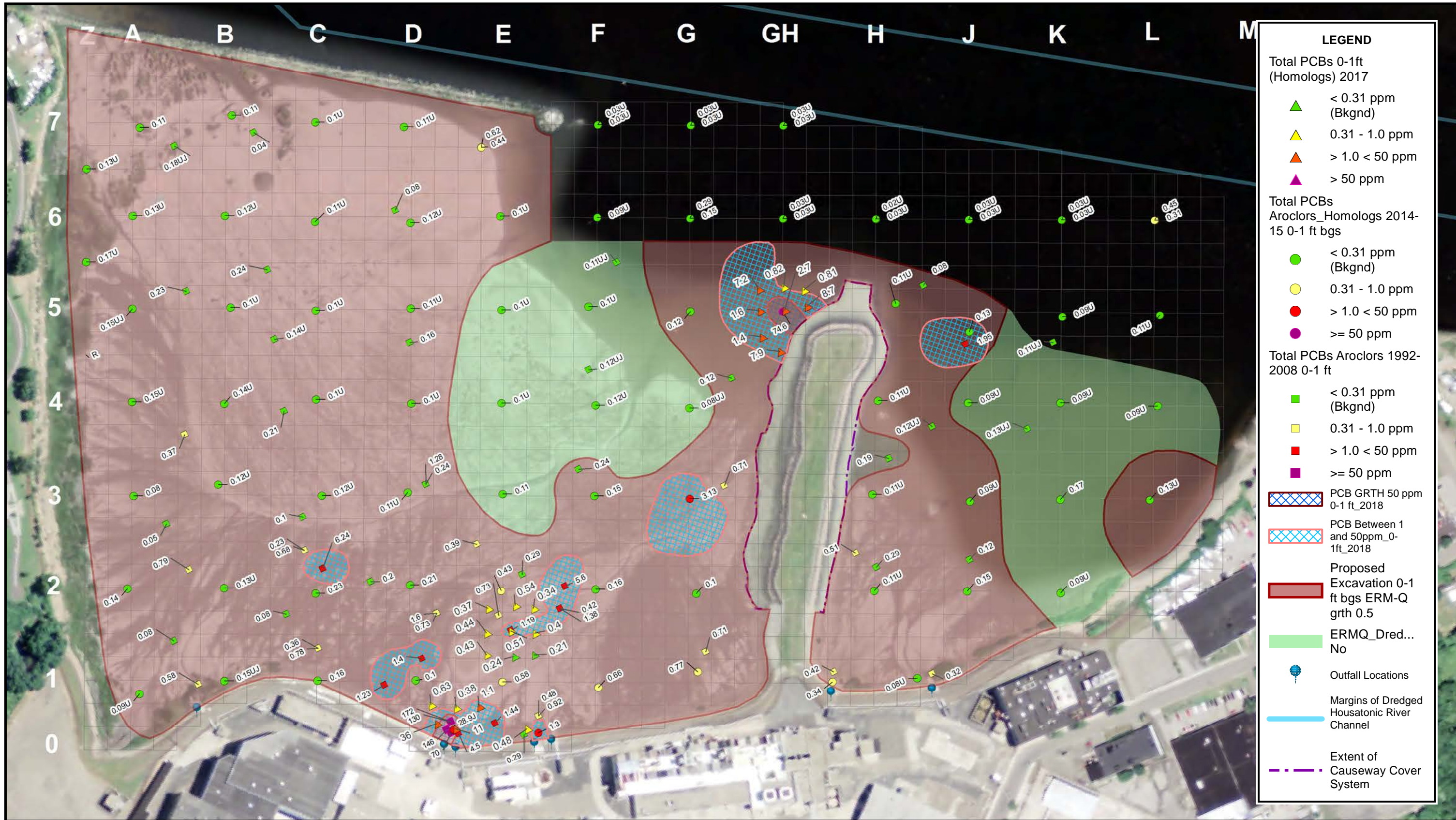
Stratford Army Engine Plant
Stratford, Connecticut



2014 Aerial Imagery
USDA National Agriculture
Imagery Program

0 100 200 400
Feet

Prepared/Date: DRP 03/19/2018 Checked/Date: TD 03/20/18



2014 Aerial Imagery
USDA National Agriculture Imagery Program

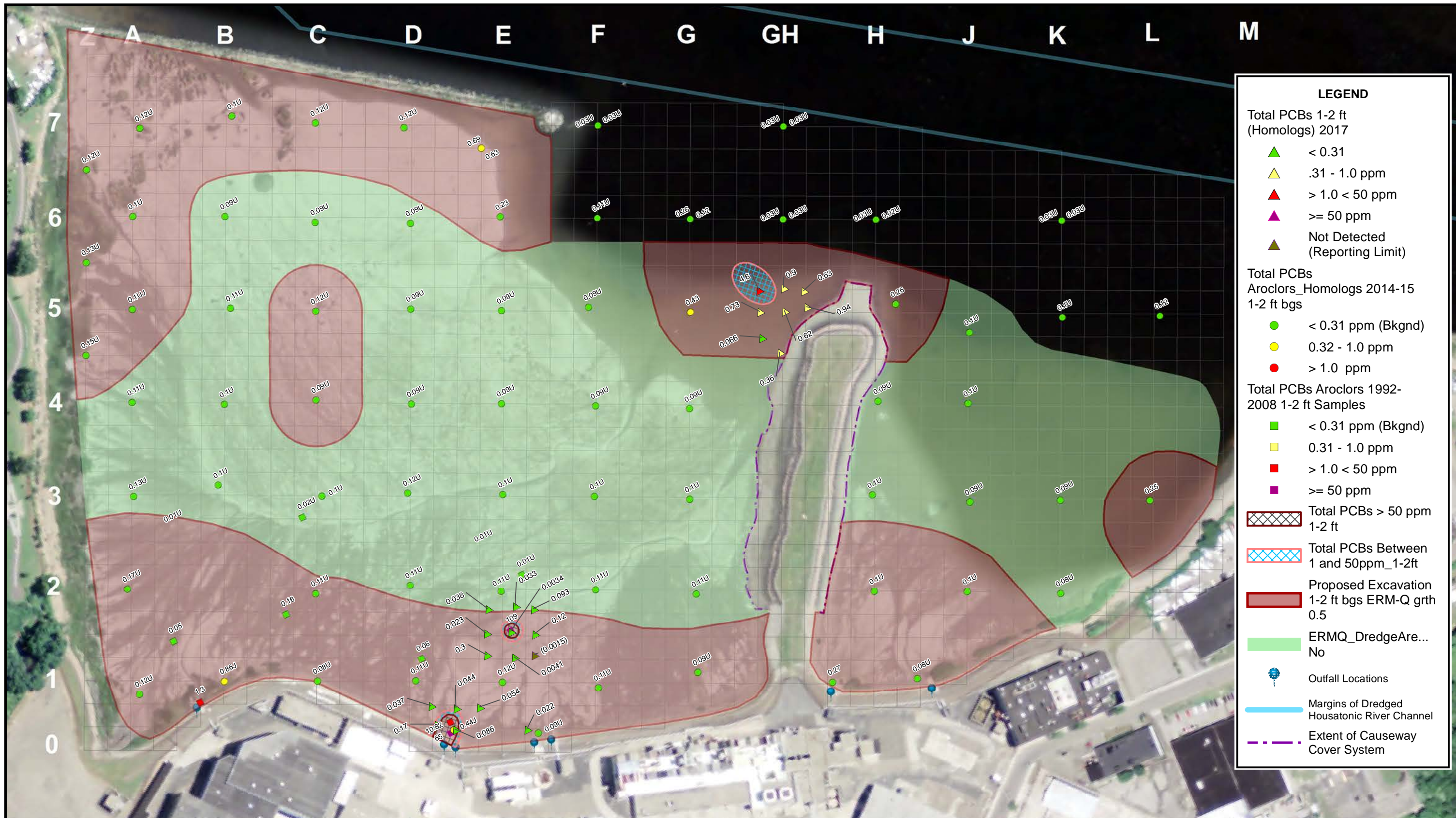
0 100 200 400 Feet

Notes:
 1) All concentrations are in parts per million (ppm)
 2) Labels adjacent to sampling locations reflect the Total PCB Homolog concentration; if there are two sets of labels per point, the other represents the Total PCB Aroclor concentration.

Figure 4-1
Total PCBs and Proposed Remedial Footprint, 0-1 ft bgs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut

Prepared/Date: DRP 03/19/2018 Checked/Date: TD 03/20/2018



2014 Aerial Imagery
USDA National Agriculture
Imagery Program

0 100 200 400
Feet

Notes:
1) All concentrations are in parts per million (ppm)
2) Labels adjacent to sampling locations reflect the Total PCB Homolog concentration; if there are two sets of labels per point, the other represents the Total PCB Aroclor concentration.

Figure 4-2
Total PCBs and Proposed Remedial Footprint, 1-2 ft bgs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut

Prepared/Date: DRP 03/19/2018 Checked/Date: TD 03/20/2018

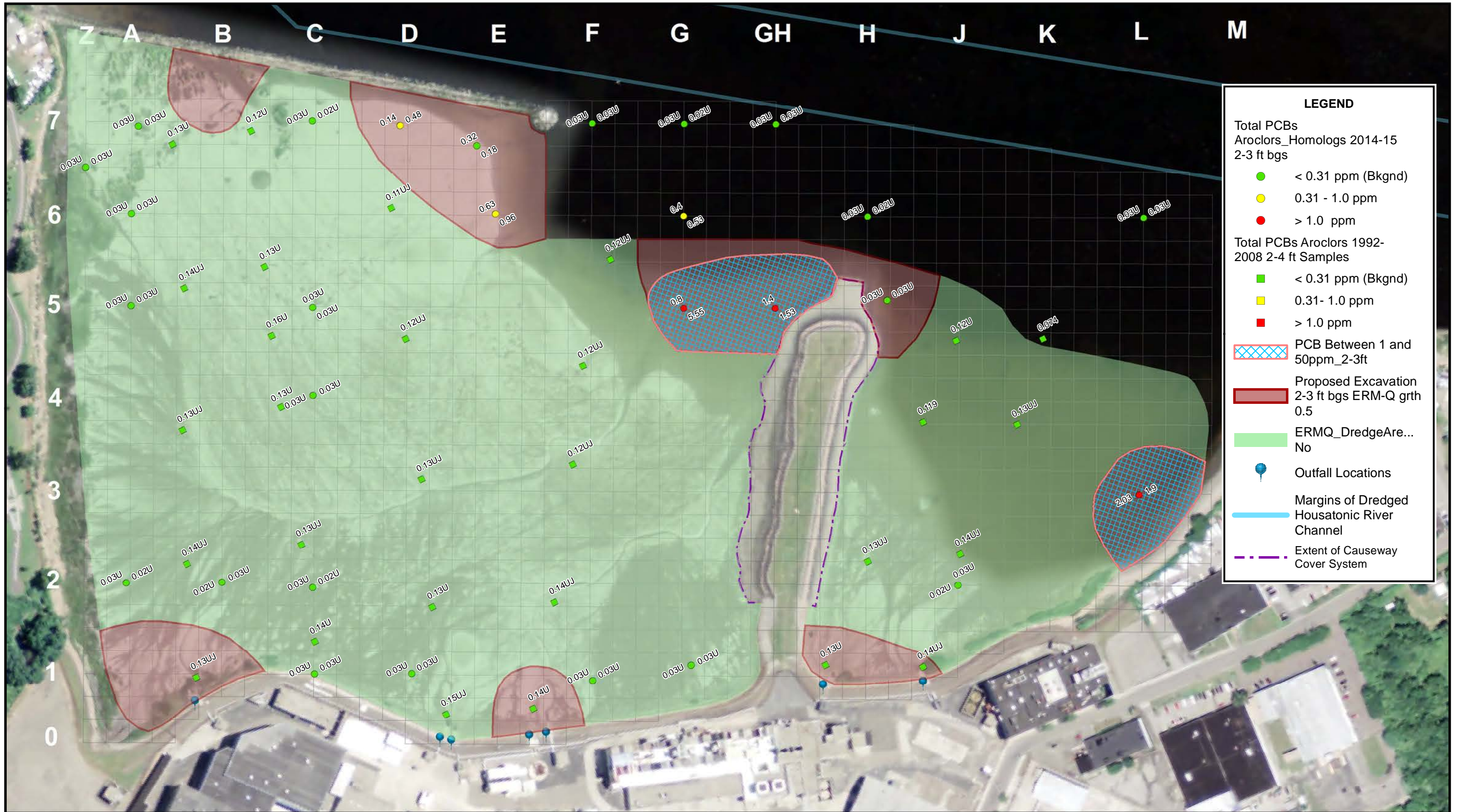


Figure 4-3
Total PCBs and Proposed Remedial Footprint, 2-3 ft bgs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut

Notes:
 1) All concentrations are in parts per million (ppm)
 2) Labels adjacent to sampling locations reflect the Total PCB Homolog concentration; if there are two sets of labels per point, the other represents the Total PCB Aroclor concentration.



2014 Aerial Imagery
USDA National Agriculture
Imagery Program

0 100 200 400 Feet

Prepared/Date: DRP 03/19/2018 Checked/Date: TD 03/20/2018



LEGEND

Total PCBs Aroclors_Homologs 2014-15 3-4 ft bgs

- < 0.31 ppm (Bkgnd)
- 0.31 - 1.0 ppm
- > 1.0 ppm

Total PCBs Aroclors 1992-2008 2-4 ft Samples

- < 0.31 ppm (Bkgnd)
- 0.31- 1.0 ppm
- > 1.0 ppm

- PCB Between 1 and 50 ppm 3-4 ft
- Proposed Excavation 3-4 ft bgs ERM-Q grth 0.5
- ERMQ DredgeAreas 3-4 No
- Outfall Locations
- Margins of Dredged Housatonic River Channel
- Extent of Causeway Cover System



2014 Aerial Imagery
USDA National Agriculture
Imagery Program

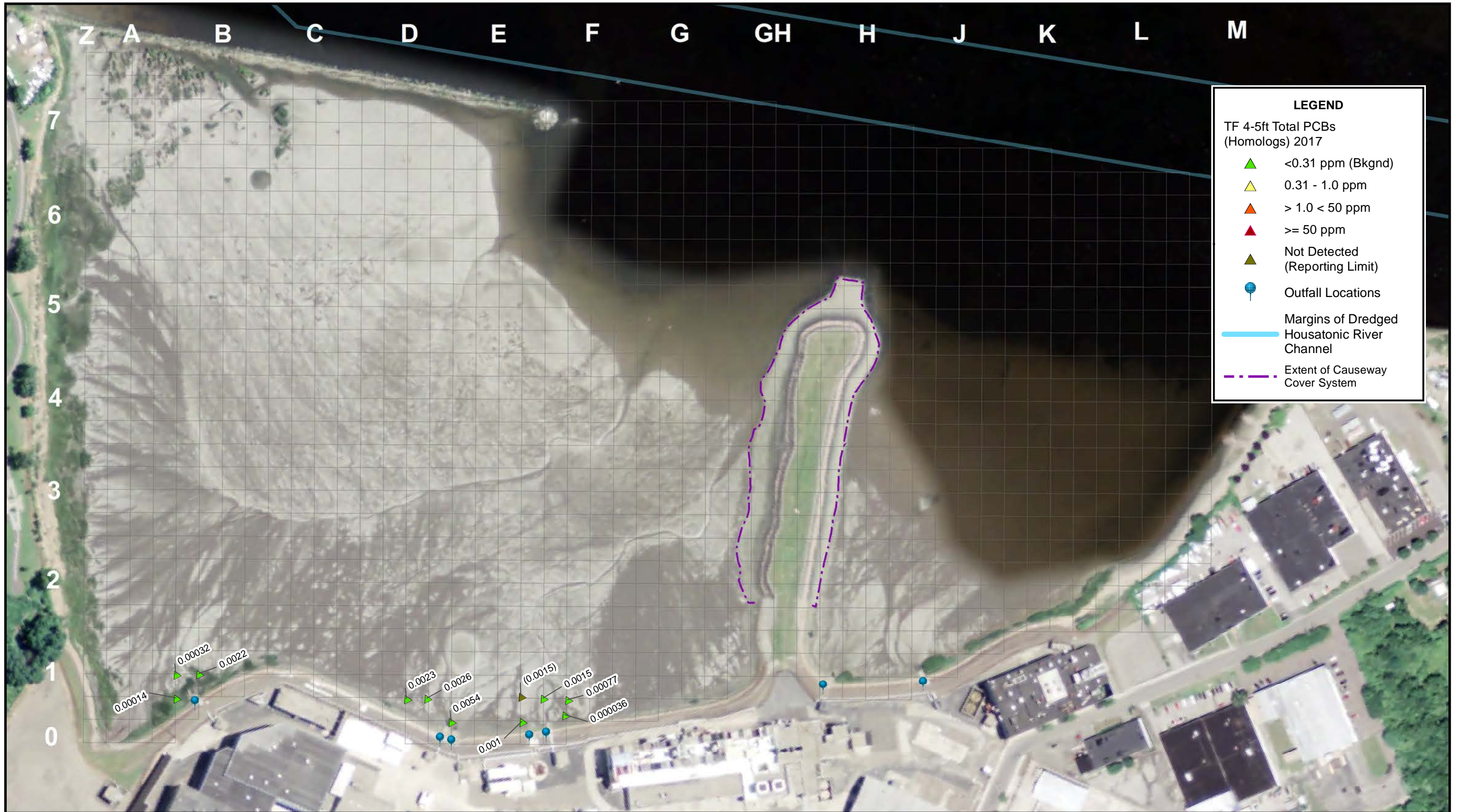
0 100 200 400 Feet

Notes:
 1) All concentrations are in parts per million (ppm)
 2) Labels adjacent to sampling locations reflect the Total PCB Homolog concentration; if there are two sets of labels per point, the other represents the Total PCB Aroclor concentration.

Figure 4-4
 Total PCBs and Proposed Remedial Footprint, 3-4 ft bgs
 Tidal Flats

Stratford Army Engine Plant
 Stratford, Connecticut

Prepared/Date: DRP 03/19/2018 Checked/Date: TD 03/20/2018



2014 Aerial Imagery
USDA National Agriculture
Imagery Program

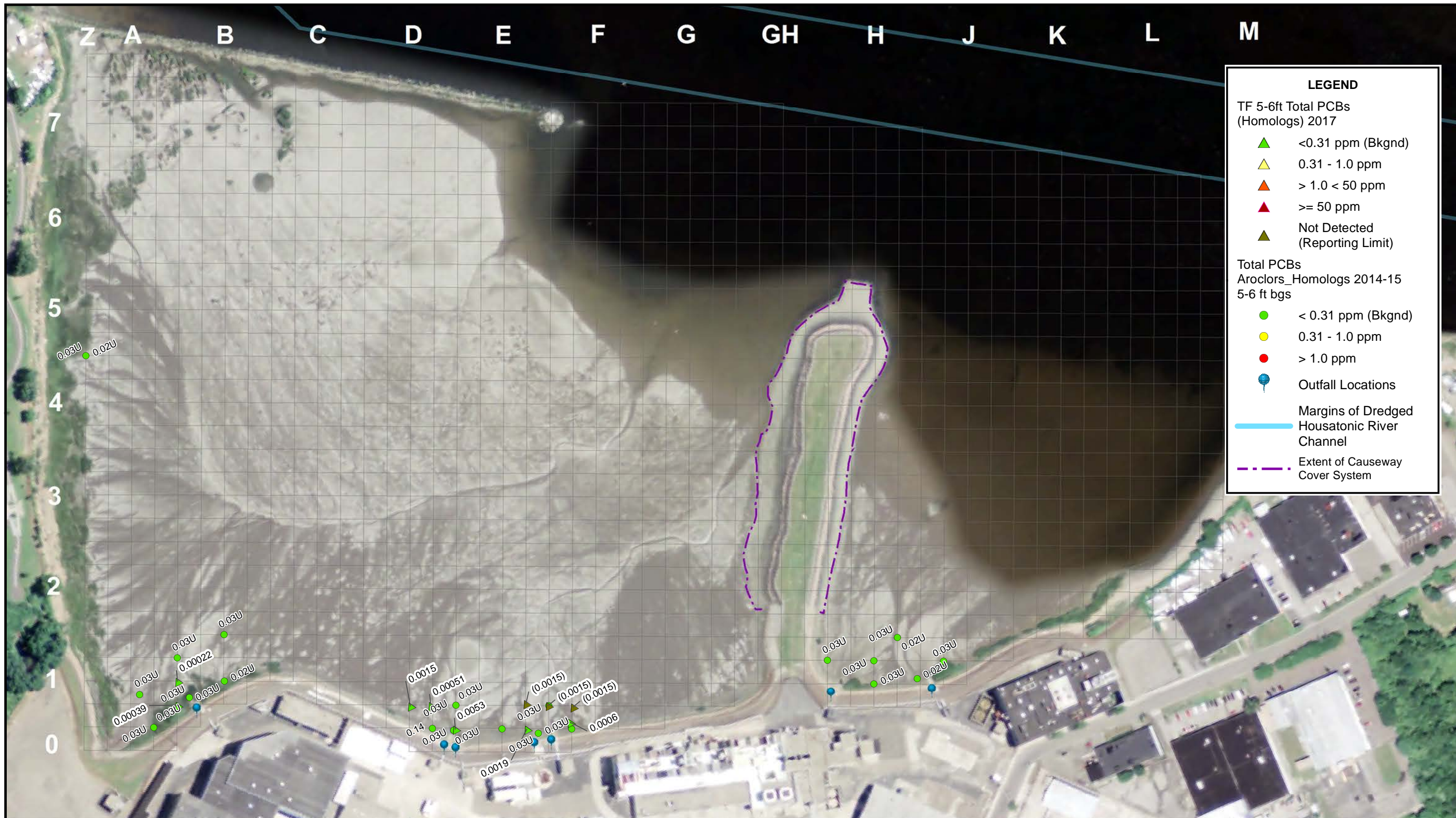
0 100 200 400 Feet

Notes:
 1) All concentrations are in parts per million (ppm)
 2) Labels adjacent to sampling locations reflect the Total PCB Homolog concentration; if there are two sets of labels per point, the other represents the Total PCB Arochlor concentration.

Figure 4-5
 Total PCBs and Proposed Remedial Footprint, 4-5 ft bgs
 Tidal Flats

Stratford Army Engine Plant
 Stratford, Connecticut

Prepared/Date: DRP 03/19/2018 Checked/Date: TD 03/20/2018



LEGEND

TF 5-6ft Total PCBs (Homologs) 2017

- ▲ <0.31 ppm (Bkgnd)
- ▲ 0.31 - 1.0 ppm
- ▲ > 1.0 < 50 ppm
- ▲ ≥ 50 ppm
- ▲ Not Detected (Reporting Limit)

Total PCBs Aroclors_Homologs 2014-15 5-6 ft bgs

- < 0.31 ppm (Bkgnd)
- 0.31 - 1.0 ppm
- > 1.0 ppm
- Outfall Locations
- Margins of Dredged Housatonic River Channel
- - - Extent of Causeway Cover System



2014 Aerial Imagery
USDA National Agriculture Imagery Program

0 100 200 400 Feet

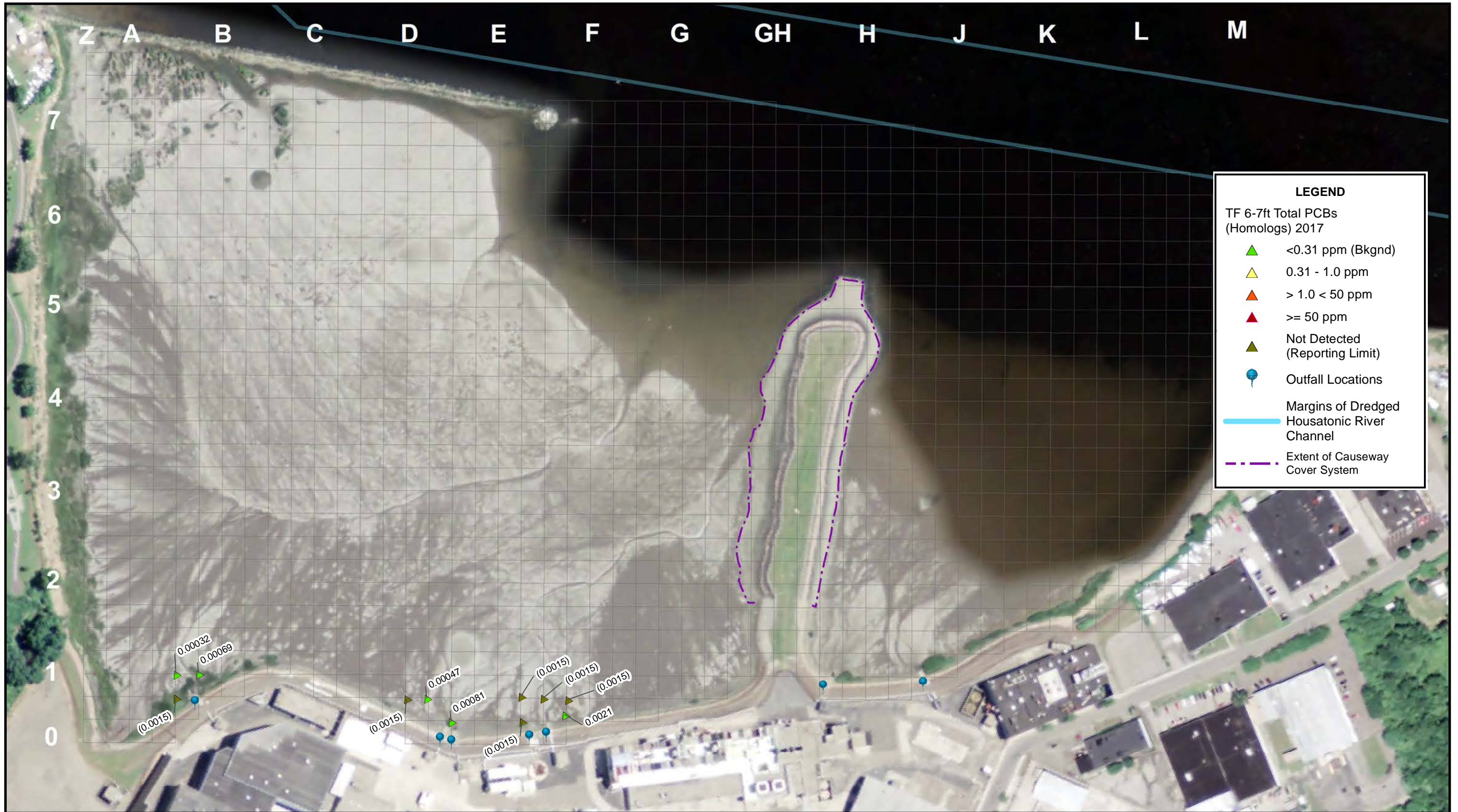
N

Notes:
 1) All concentrations are in parts per million (ppm)
 2) Labels adjacent to sampling locations reflect the Total PCB Homolog concentration; if there are two sets of labels per point, the other represents the Total PCB Aroclor concentration.

Figure 4-6
 Total PCBs and Proposed Remedial Footprint, 5-6 ft bgs
 Tidal Flats

Stratford Army Engine Plant
 Stratford, Connecticut

Prepared/Date: DRP 03/19/2018 Checked/Date: TD 03/20/2018



LEGEND

TF 6-7ft Total PCBs (Homologs) 2017

- ▲ <0.31 ppm (Bkgnd)
- ▲ 0.31 - 1.0 ppm
- ▲ > 1.0 < 50 ppm
- ▲ >= 50 ppm
- ▲ Not Detected (Reporting Limit)
- Outfall Locations
- Margins of Dredged Housatonic River Channel
- - - Extent of Causeway Cover System



2014 Aerial Imagery
USDA National Agriculture Imagery Program

0 100 200 400 Feet

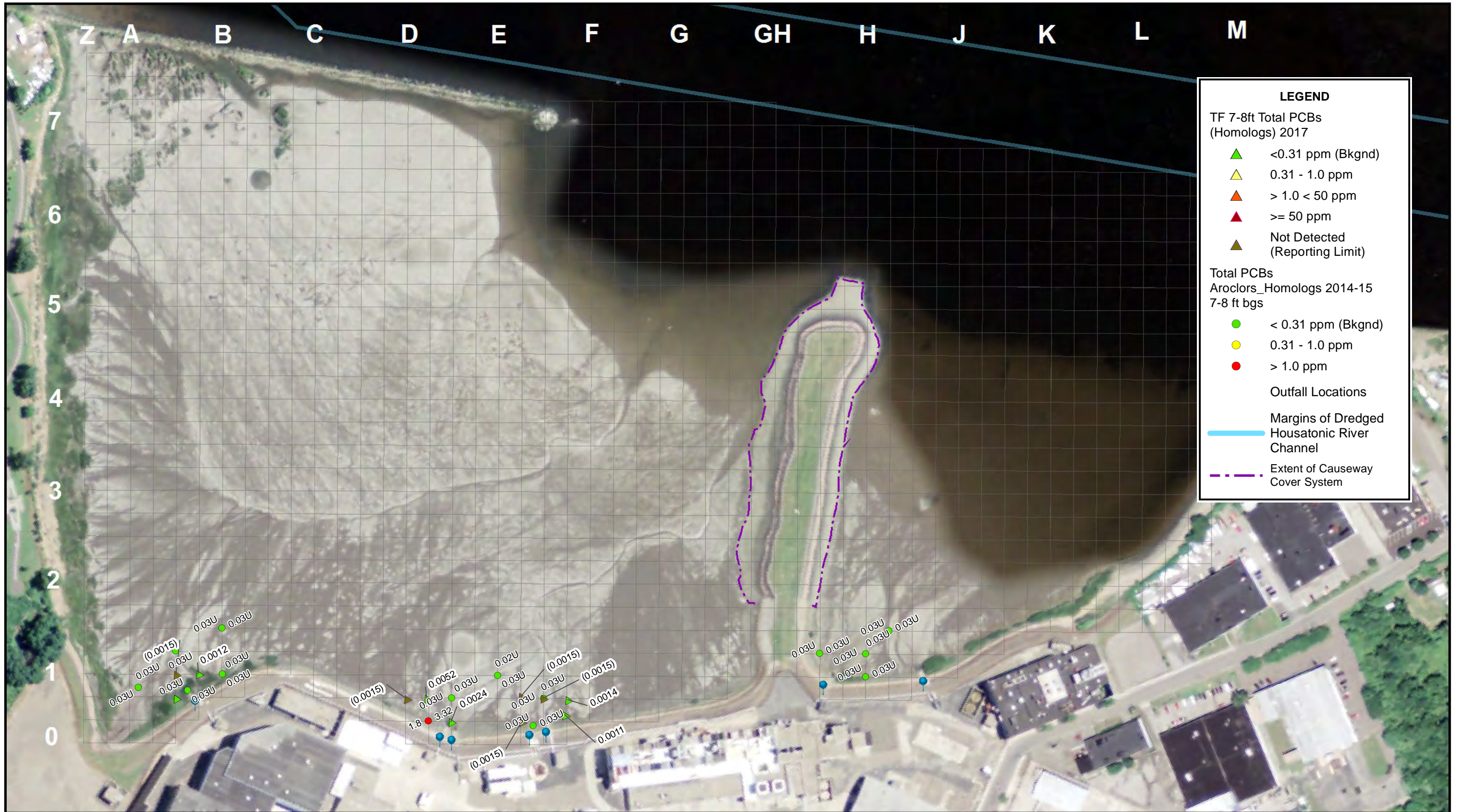
N

Notes:
 1) All concentrations are in parts per million (ppm)
 2) Labels adjacent to sampling locations reflect the Total PCB Homolog concentration; if there are two sets of labels per point, the other represents the Total PCB Arochlor concentration.

Figure 4-7
 Total PCBs and Proposed Remedial Footprint, 6-7 ft bgs Tidal Flats

Stratford Army Engine Plant
 Stratford, Connecticut

Prepared/Date: DRP 03/19/2018 Checked/Date: TD 03/20/2018



LEGEND

TF 7-8ft Total PCBs (Homologs) 2017

- ▲ <0.31 ppm (Bkgnd)
- ▲ 0.31 - 1.0 ppm
- ▲ > 1.0 < 50 ppm
- ▲ ≥ 50 ppm
- ▲ Not Detected (Reporting Limit)

Total PCBs Aroclors_Homologs 2014-15 7-8 ft bgs

- < 0.31 ppm (Bkgnd)
- 0.31 - 1.0 ppm
- > 1.0 ppm

Outfall Locations

Margins of Dredged Housatonic River Channel

Extent of Causeway Cover System



2014 Aerial Imagery
USDA National Agriculture Imagery Program

0 100 200 400 Feet

N

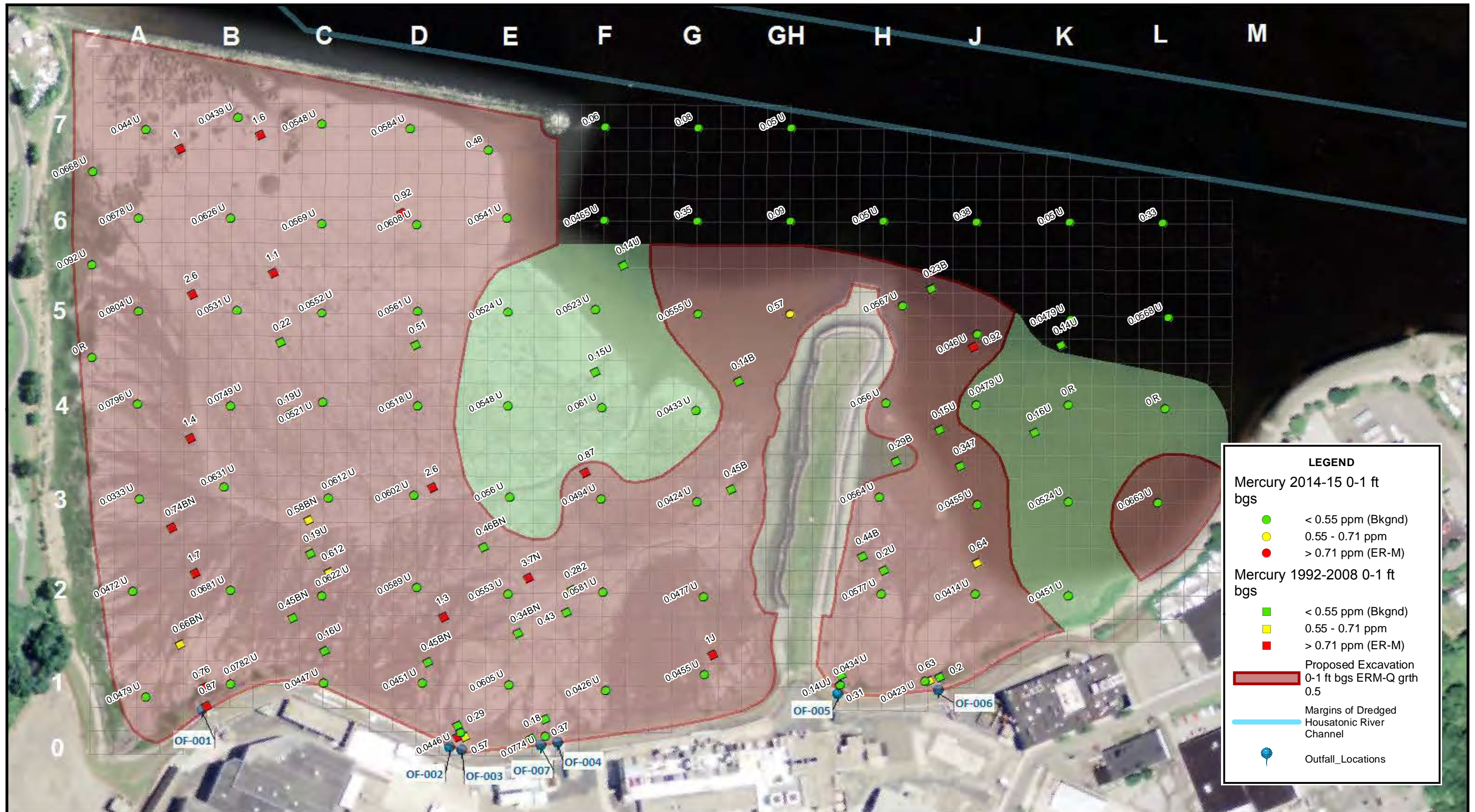
Notes:

- 1) All concentrations are in parts per million (ppm)
- 2) Labels adjacent to sampling locations reflect the Total PCB Homolog concentration; if there are two sets of labels per point, the other represents the Total PCB Aroclor concentration.

Figure 4-8
Total PCBs and Proposed Remedial Footprint, 7-8 ft bgs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut

Prepared/Date: DRP 03/19/2018 Checked/Date: TD 03/20/2018



LEGEND

Mercury 2014-15 0-1 ft bgs

- < 0.55 ppm (Bkgnd)
- 0.55 - 0.71 ppm
- > 0.71 ppm (ER-M)

Mercury 1992-2008 0-1 ft bgs

- < 0.55 ppm (Bkgnd)
- 0.55 - 0.71 ppm
- > 0.71 ppm (ER-M)

- Proposed Excavation 0-1 ft bgs ERM-Q grth 0.5
- Margins of Dredged Housatonic River Channel
- Outfall Locations



2014 Aerial Imagery
USDA National Agriculture
Imagery Program

0 100 200 400 600 Feet

Prepared/Date: DRP 04/17/17 Checked/Date: BRP 7/17/2017

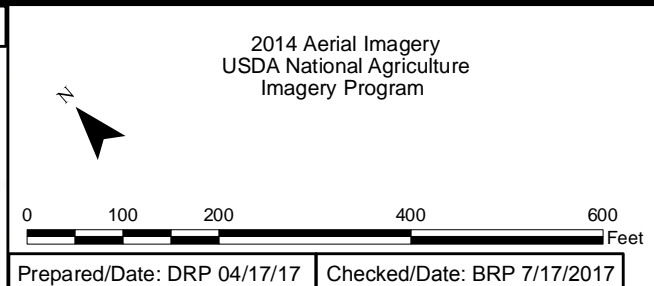
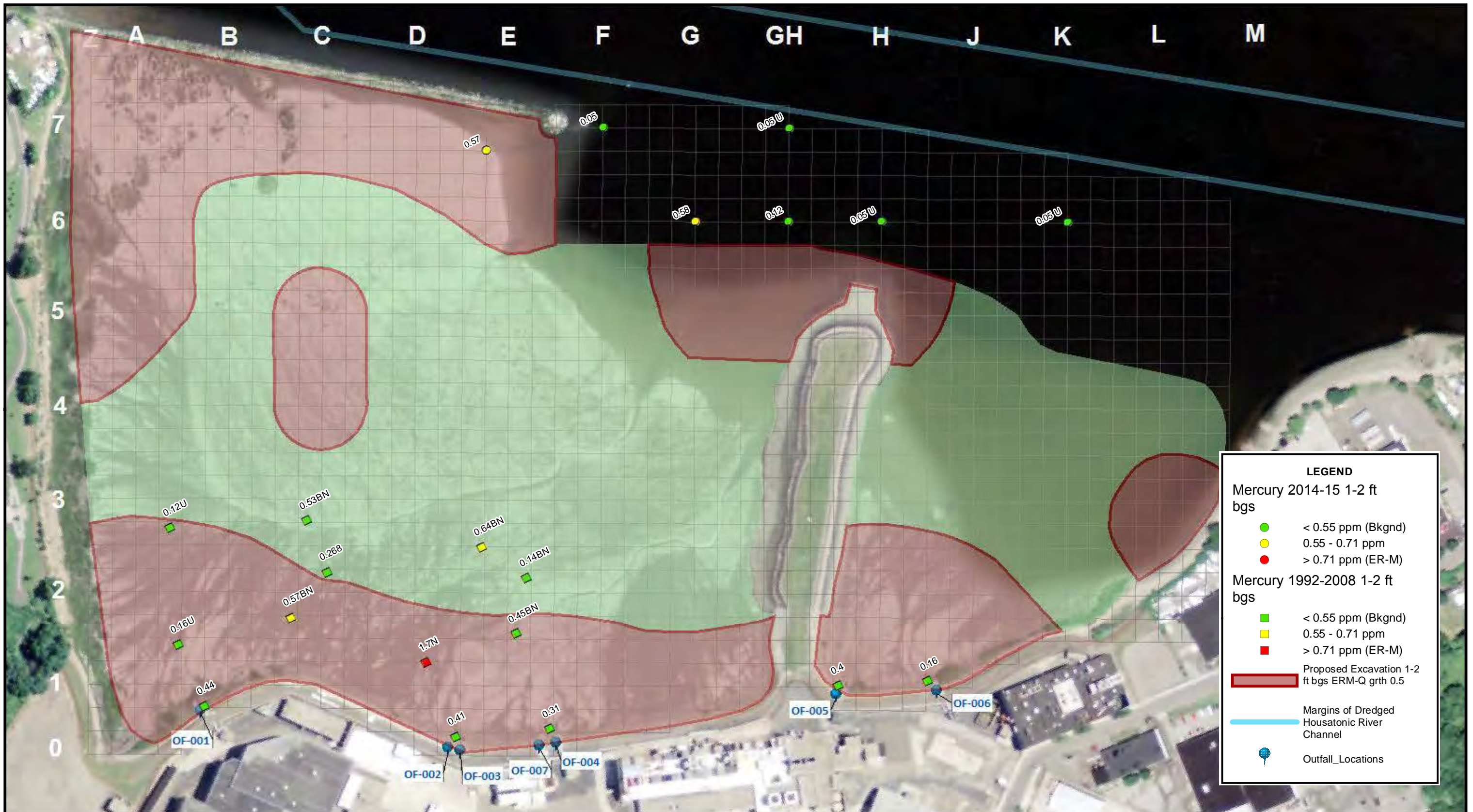
Notes:

- 1) All concentrations are in parts per million (ppm)
- 2) The background concentration for Mercury of 0.55 ppm was developed by taking the 95%UCL of mercury concentrations from sample locations across the river adjacent to Nells Island. The background value was presented in a presentation to the CT DEEP on March 4, 2013.

Figure 4-9
Mercury and Proposed Remedial Footprint, 0-1 ft, bgs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut





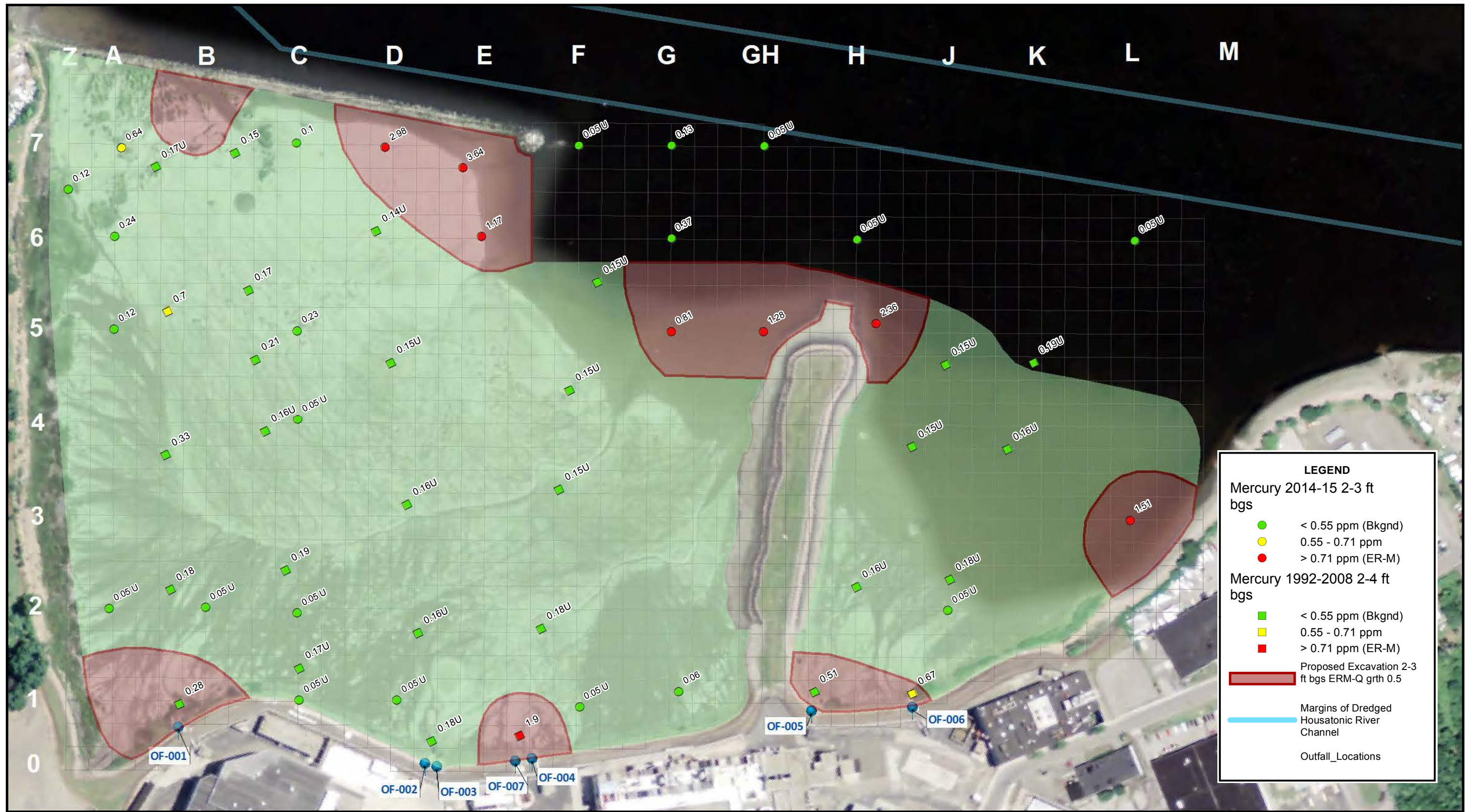
Notes:

- 1) All concentrations are in parts per million (ppm)
- 2) The background concentration for Mercury of 0.55 ppm was developed by taking the 95%UCL of mercury concentrations from sample locations across the river adjacent to Nells Island. The background value was presented in a presentation to the CT DEEP on March 4, 2013.

Figure 4-10
Mercury and Proposed Remedial Footprint, 1-2 ft, bgs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut





LEGEND

Mercury 2014-15 2-3 ft bgs

- < 0.55 ppm (Bkgnd)
- 0.55 - 0.71 ppm
- > 0.71 ppm (ER-M)

Mercury 1992-2008 2-4 ft bgs

- < 0.55 ppm (Bkgnd)
- 0.55 - 0.71 ppm
- > 0.71 ppm (ER-M)

- Proposed Excavation 2-3 ft bgs ERM-Q grth 0.5
- Margins of Dredged Housatonic River Channel
- Outfall_Locations



2014 Aerial Imagery
USDA National Agriculture
Imagery Program

0 100 200 400 600 Feet

Prepared/Date: DRP 05/30/17 Checked/Date: BRP 7/17/2017

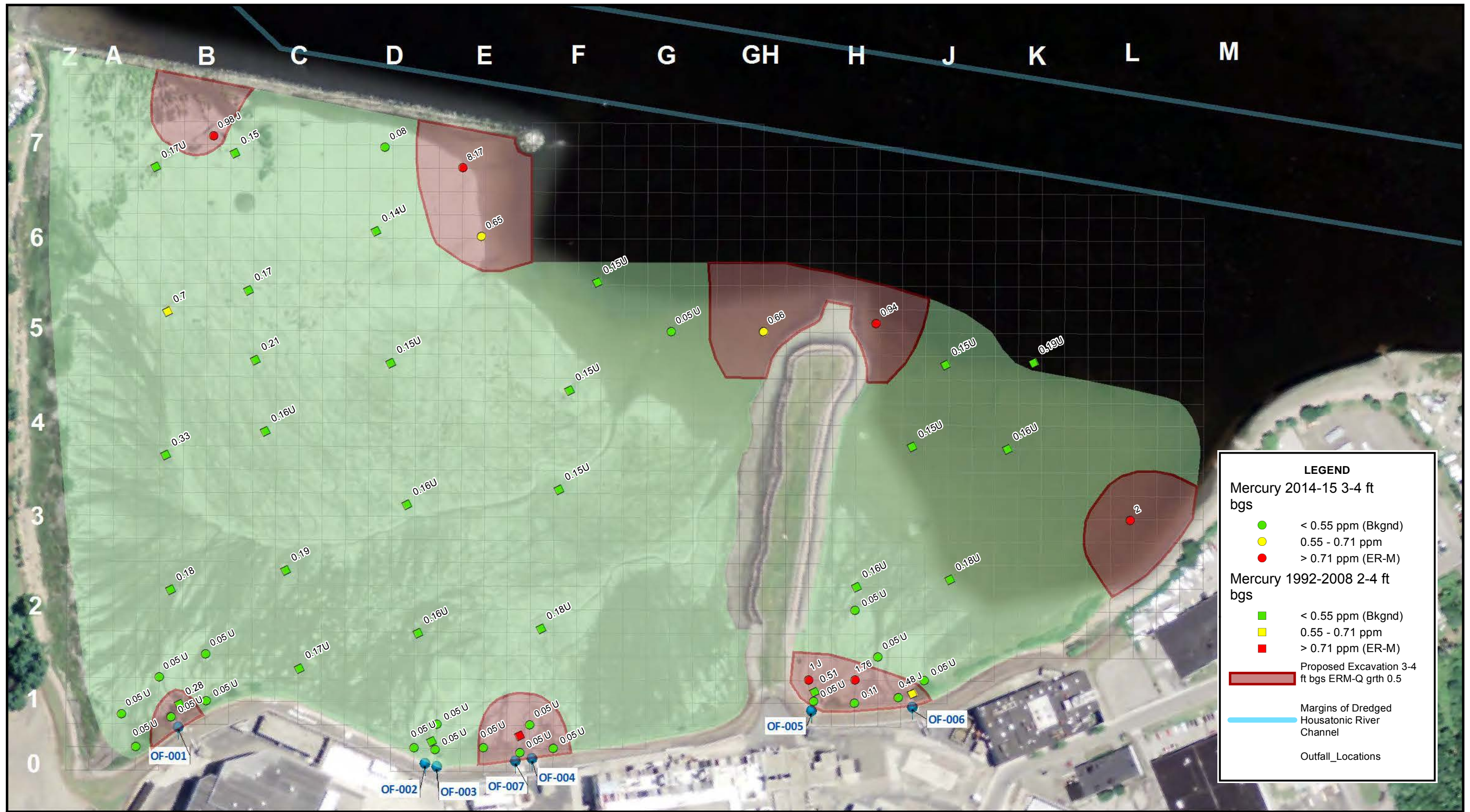
Notes:

- 1) All concentrations are in parts per million (ppm)
- 2) The background concentration for Mercury of 0.55 ppm was developed by taking the 95%UCL of mercury concentrations from sample locations across the river adjacent to Nells Island. The background value was presented in a presentation to the CT DEEP on March 4, 2013.

Figure 4-11
Mercury and Proposed Remedial Footprint, 2-3 ft, bgs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut





LEGEND

Mercury 2014-15 3-4 ft bgs

- < 0.55 ppm (Bkgnd)
- 0.55 - 0.71 ppm
- > 0.71 ppm (ER-M)

Mercury 1992-2008 2-4 ft bgs

- < 0.55 ppm (Bkgnd)
- 0.55 - 0.71 ppm
- > 0.71 ppm (ER-M)

- Proposed Excavation 3-4 ft bgs ERM-Q grth 0.5
- Margins of Dredged Housatonic River Channel
- Outfall_Locations



2014 Aerial Imagery
USDA National Agriculture Imagery Program

0 100 200 400 600 Feet

Prepared/Date: DRP 05/30/17 Checked/Date: BRP 07/17/2017

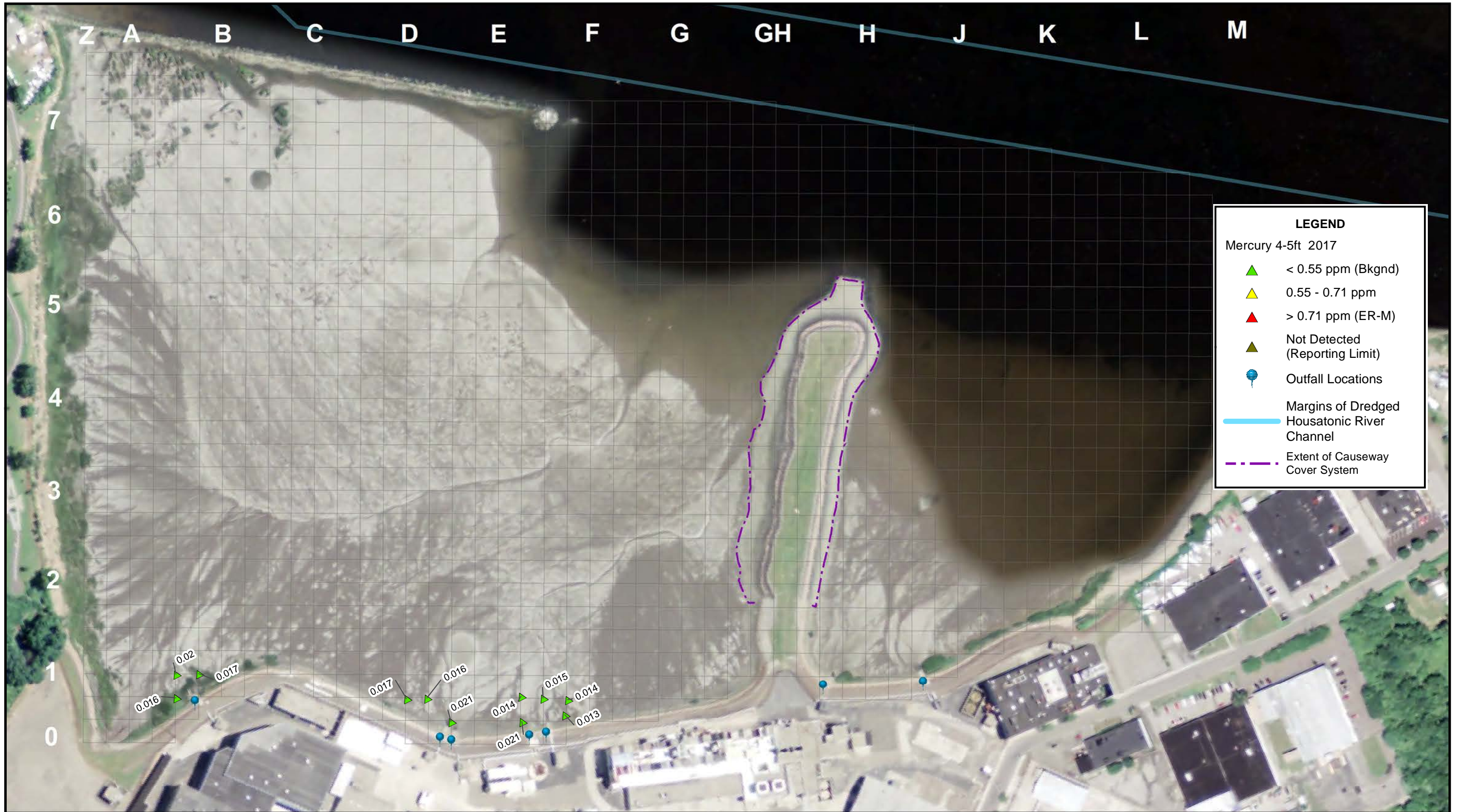
Notes:

- 1) All concentrations are in parts per million (ppm)
- 2) The background concentration for Mercury of 0.55 ppm was developed by taking the 95%UCL of mercury concentrations from sample locations across the river adjacent to Nells Island. The background value was presented in a presentation to the CT DEEP on March 4, 2013.

Figure 4-12
Mercury and Proposed Remedial Footprint, 3-4 ft, bgs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut





LEGEND

Mercury 4-5ft 2017

- ▲ < 0.55 ppm (Bkgnd)
- ▲ 0.55 - 0.71 ppm
- ▲ > 0.71 ppm (ER-M)
- ▲ Not Detected (Reporting Limit)
- Outfall Locations
- Margins of Dredged Housatonic River Channel
- - - Extent of Causeway Cover System



2014 Aerial Imagery
USDA National Agriculture
Imagery Program

0 100 200 400 Feet

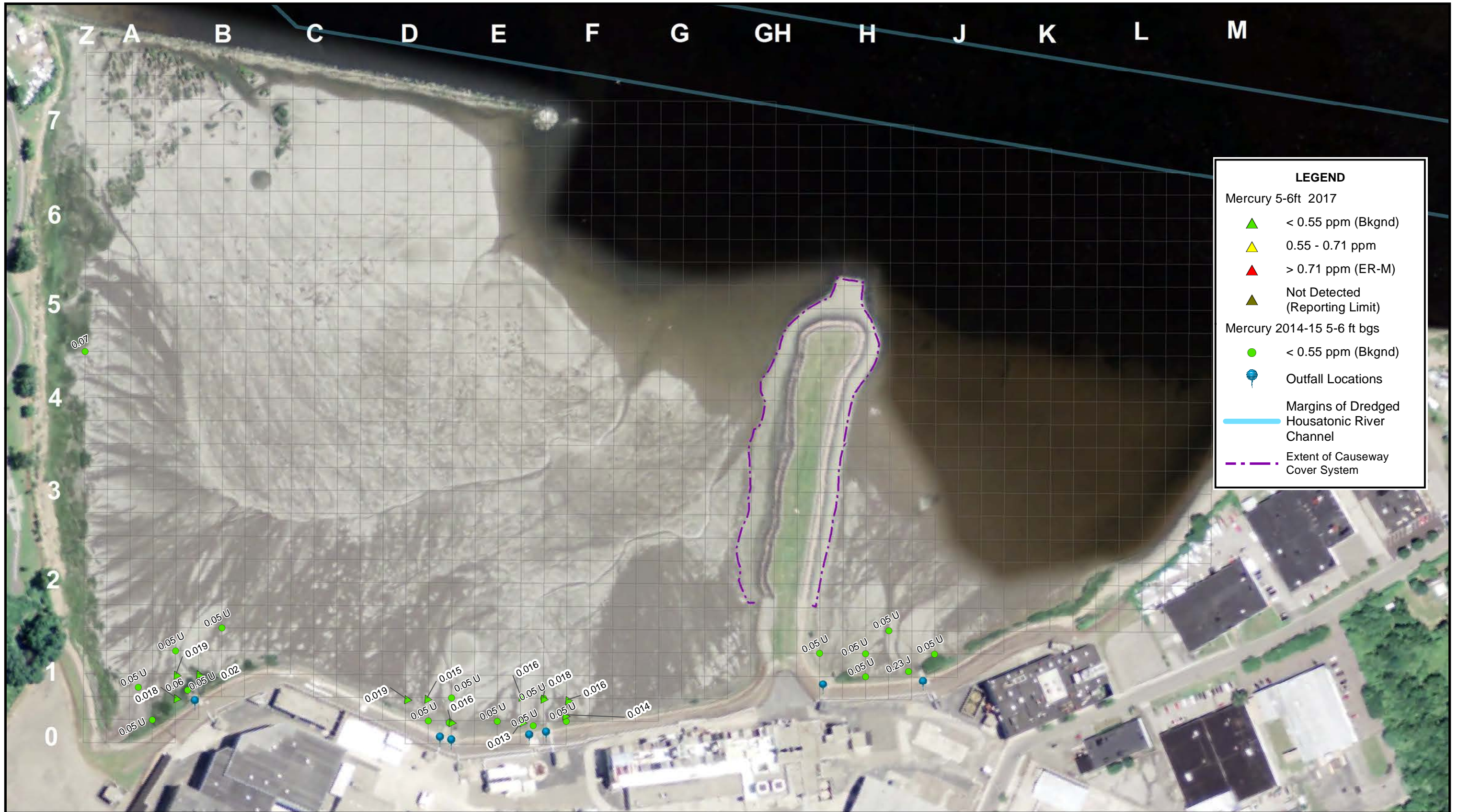
Prepared/Date: DRP 03/19/2018 Checked/Date: TD 03/20/2018

Notes:

- 1) All concentrations are in parts per million (ppm)
- 2) The background concentration for Mercury of 0.55 ppm was developed by taking the 95%UCL of mercury concentrations from sample locations across the river adjacent to Nells Island. The background value was presented in a presentation to the CT DEEP on March 4, 2013.

Figure 4-13
Mercury and Proposed Remedial Footprint, 4-5 ft bgs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut



LEGEND

Mercury 5-6ft 2017

- ▲ < 0.55 ppm (Bkgnd)
- ▲ 0.55 - 0.71 ppm
- ▲ > 0.71 ppm (ER-M)
- ▲ Not Detected (Reporting Limit)

Mercury 2014-15 5-6 ft bgs

- < 0.55 ppm (Bkgnd)
- Outfall Locations

Margins of Dredged Housatonic River Channel

Extent of Causeway Cover System



2014 Aerial Imagery
USDA National Agriculture
Imagery Program

0 100 200 400 Feet

N

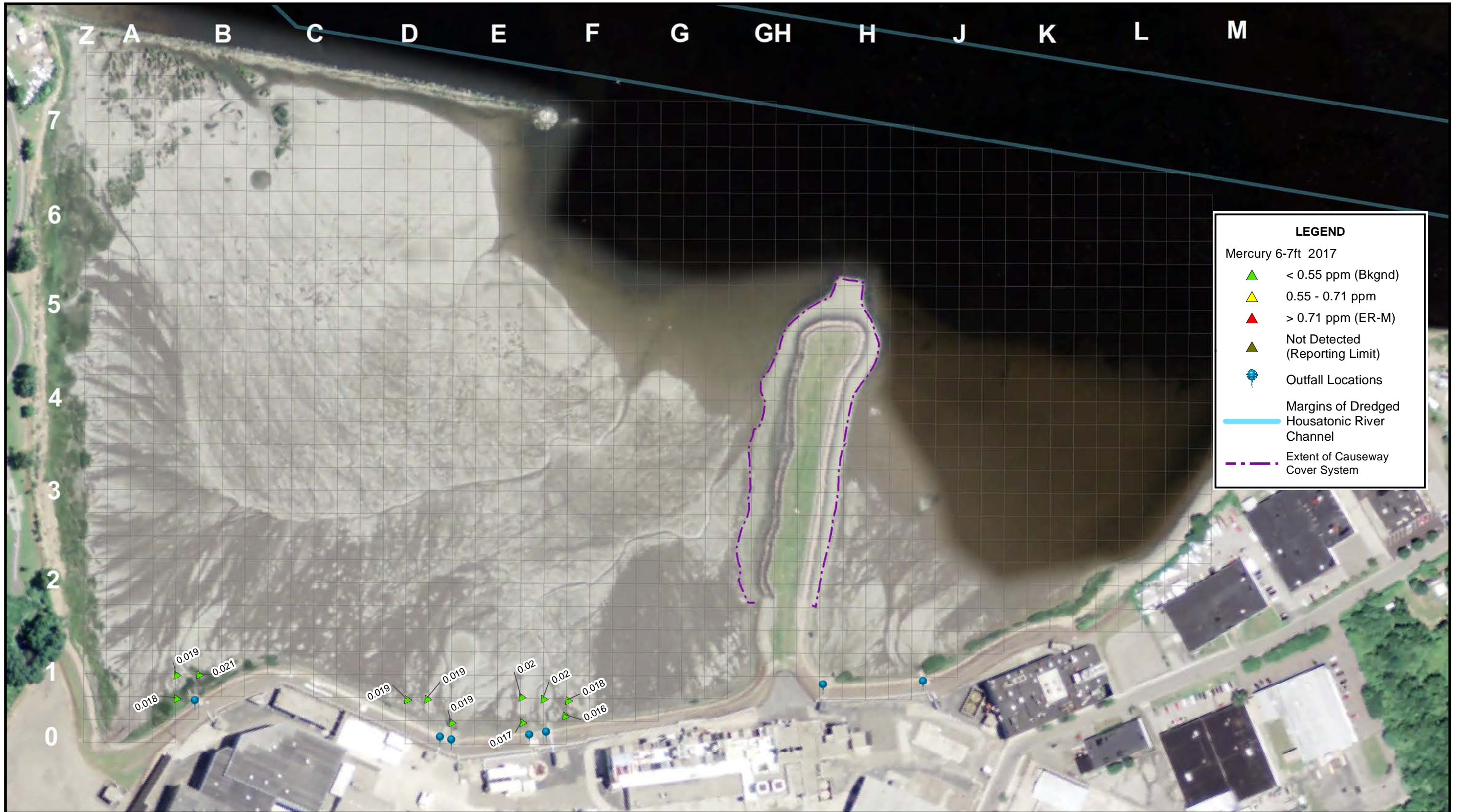
Notes:

- 1) All concentrations are in parts per million (ppm)
- 2) The background concentration for Mercury of 0.55 ppm was developed by taking the 95%UCL of mercury concentrations from sample locations across the river adjacent to Nells Island. The background value was presented in a presentation to the CT DEEP on March 4, 2013.

Prepared/Date: DRP 03/19/2018 Checked/Date: TD 03/20/2018

Figure 4-14
Mercury and Proposed Remedial Footprint, 5-6 ft bgs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut



LEGEND

Mercury 6-7ft 2017

- ▲ < 0.55 ppm (Bkgnd)
- ▲ 0.55 - 0.71 ppm
- ▲ > 0.71 ppm (ER-M)
- ▲ Not Detected (Reporting Limit)
- Outfall Locations
- Margins of Dredged Housatonic River Channel
- - - Extent of Causeway Cover System



2014 Aerial Imagery
USDA National Agriculture
Imagery Program

0 100 200 400 Feet

N

Notes:

- 1) All concentrations are in parts per million (ppm)
- 2) The background concentration for Mercury of 0.55 ppm was developed by taking the 95%UCL of mercury concentrations from sample locations across the river adjacent to Nells Island. The background value was presented in a presentation to the CT DEEP on March 4, 2013.

Figure 4-15
Mercury and Proposed Remedial Footprint, 6-7 ft bgs
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut

Prepared/Date: DRP 03/19/2018 Checked/Date: TD 03/20/2018

Addendum - Final Sediment Remediation Endpoints Report
Tidal Flats and Outfall 008
Stratford Army Engine Plant, Stratford, Connecticut

TABLES

**TABLE 2-1
2017 SEDIMENT SAMPLING ANALYTICAL MATRIX**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLAN
STRATFORD, CONNECTICUT**

Location ID	Easting	Northing	Sample Depth Interval (ft)	Sample IDs	Analyses Performed	
					PCB Homologs (Method 680 Mod)	Mercury (Method 245.1)
SD-PCB-001	898120	624348	0-1	SDPCB0010001	X	
			1-2	SDPCB0010102	X	
SD-PCB-002	898170	624329	0-1	SDPCB0020001	X	
			1-2	SDPCB0020102	X	
SD-PCB-003	898206	624304	0-1	SDPCB0030001	X	
			1-2	SDPCB0030102	X	
SD-PCB-004	898101	624306	0-1	SDPCB0040001	X	
			1-2	SDPCB0040102	X	
SD-PCB-005	898145	624283	0-1	SDPCB0050001	X	
			1-2	SDPCB0050102	X	
SD-PCB-006	898189	624261	0-1	SDPCB0060001	X	
			1-2	SDPCB0060102	X	
SD-PCB-007	898078	624260	0-1	SDPCB0070001	X	
			1-2	SDPCB0070102	X	
SD-PCB-008	898122	624238	0-1	SDPCB0080001	X	
			1-2	SDPCB0080102	X	
SD-PCB-101	897294	623987	0-1	SDPCB1010001	X	
			1-2	SDPCB1010102	X	
SD-PCB-102	897349	623966	0-1	SDPCB1020001	X	
			1-2	SDPCB1020102	X	
SD-PCB-103	897382	623944	0-1	SDPCB1030001	X	
			1-2	SDPCB1030102	X	
SD-PCB-104	897268	623941	0-1	SDPCB1040001	X	
			1-2	SDPCB1040102	X	
SD-PCB-105	897317	623921	0-1	SDPCB1050001	X	
			1-2	SDPCB1050102	X	
SD-PCB-106	897361	623894	0-1	SDPCB1060001	X	
			1-2	SDPCB1060102	X	
SD-PCB-107	897248	623898	0-1	SDPCB1070001	X	
			1-2	SDPCB1070102	X	
SD-PCB-108	897299	623868	0-1	SDPCB1080001	X	
			1-2	SDPCB1080102	X	
SD-PCB-109	897340	623854	0-1	SDPCB1090001	X	
			1-2	SDPCB1090102	X	
SD-PCB-201	897092	623853	4-5	SDPCB2010405	X	X
			5-6	SDPCB2010506	X	X
			6-7	SDPCB2010607	X	X
			7-8	SDPCB2010708	X	X
SD-PCB-202	897139	623824	0-1	SDPCB2020001	X	
			1-2	SDPCB2020102	X	
SD-PCB-203	897184	623804	0-1	SDPCB2030001	X	
			1-2	SDPCB2030102	X	
SD-PCB-204	897086	623811	0-1	SDPCB2040001	X	
			1-2	SDPCB2040102	X	
SD-PCB-205	897117	623783	4-5	SDPCB2050405	X	X
			5-6	SDPCB2050506	X	X
			6-7	SDPCB2050607	X	X
			7-8	SDPCB2050708	X	X
SD-PCB-206	897164	623763	4-5	SDPCB2060405	X	X
			5-6	SDPCB2060506	X	X
			6-7	SDPCB2060607	X	X
			7-8	SDPCB2060708	X	X
SD-PCB-210	897052	623871	4-5	SDPCB2100405	X	X
			5-6	SDPCB2100506	X	X
			6-7	SDPCB2100607	X	X
			7-8	SDPCB2100708	X	X
SD-PCB-300	897256	623717	0-1	SDPCB3000001	X	
			1-2	SDPCB3000102	X	
			4-5	SDPCB3000405	X	X
			5-6	SDPCB3000506	X	X
			6-7	SDPCB3000607	X	X
SD-PCB-301	897278	623766	7-8	SDPCB3000708	X	X
			4-5	SDPCB3010405	X	X
			5-6	SDPCB3010506	X	X
			6-7	SDPCB3010607	X	X
7-8	SDPCB3010708	X	X			

**TABLE 2-1
2017 SEDIMENT SAMPLING ANALYTICAL MATRIX**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLAN
STRATFORD, CONNECTICUT**

Location ID	Easting	Northing	Sample Depth Interval (ft)	Sample IDs	Analyses Performed	
					PCB Homologs (Method 680 Mod)	Mercury (Method 245.1)
SD-PCB-302	897320	623742	4-5	SDPCB3020405	X	X
			5-6	SDPCB3020506	X	X
			6-7	SDPCB3020607	X	X
			7-8	SDPCB3020708	X	X
SD-PCB-303	897366	623716	4-5	SDPCB3030405	X	X
			5-6	SDPCB3030506	X	X
			6-7	SDPCB3030607	X	X
			7-8	SDPCB3030708	X	X
SD-PCB-304	897346	623689	4-5	SDPCB3043045	X	X
			5-6	SDPCB3040506	X	X
			6-7	SDPCB3040607	X	X
			7-8	SDPCB3040708	X	X
SD-PCB-400	896602	624092	4-5	SDPCB4000405	X	X
			5-6	SDPCB4000506	X	X
			6-7	SDPCB4000607	X	X
			7-8	SDPCB4000708	X	X
SD-PCB-401	896625	624138	4-5	SDPCB4010405	X	X
			5-6	SDPCB4010506	X	X
			6-7	SDPCB4010607	X	X
			7-8	SDPCB4010708	X	X
SD-PCB-402	896670	624118	4-5	SDPCB4020405	X	X
			5-6	SDPCB4020506	X	X
			6-7	SDPCB4020607	X	X
			7-8	SDPCB4020708	X	X

Note:

- 1) Coordinates are North American Datum 1983 Connecticut State Plane
- 2) 18 Contingency cores will be completed in the same manner as the first 23 cores from 0-2'; however samples will be held frozen at the laboratory pending analytical results from the first 23 cores.

**TABLE 3-1
ANALYTICAL RESULTS FOR 2017 SEDIMENT SAMPLES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

	Loc Name	SD-PCB-001	SD-PCB-001	SD-PCB-002	SD-PCB-002	SD-PCB-003	SD-PCB-003	SD-PCB-004	SD-PCB-004	SD-PCB-005										
	Field Sample ID	SDPCB0010001	SDPCB0010102	SDPCB0020001	SDPCB0020102	SDPCB0030001	SDPCB0030102	SDPCB0040001	SDPCB0040102	SDPCB0050001										
	Sample Date	10/18/17	10/18/17	10/18/17	10/18/17	10/18/17	10/18/17	10/20/18	10/20/18	10/20/18										
	Sample Depth Interval (ft)	0-1	1-2	0-1	1-2	0-1	1-2	0-1	1-2	0-1										
Analytical Method	Parameter	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Homologs (8270-SIM/680 Mod)	Monochlorobiphenyl	MG/KG	0.003	U	0.002	U	0.000045	U	0.0003	U	0.0003	U	0.0003	U	0.001	U	0.001	U	R	
	Dichlorobiphenyl	MG/KG	0.094		0.044		0.0013		0.0094		0.0039		0.0057		0.019		0.031	J	0.022	
	Trichlorobiphenyl	MG/KG	1.6		0.61		0.1		0.04		0.13		0.017		0.31		0.013	J	0.44	J
	Tetrachlorobiphenyl	MG/KG	3.3		1.8		0.31		0.18		0.34		0.11		0.73		0.13	J	1.1	
	Pentachlorobiphenyl	MG/KG	1.3		0.99		0.13		0.2		0.16		0.13		0.31		0.15		0.56	
	Hexachlorobiphenyl	MG/KG	0.4		0.44		0.053		0.18		0.064		0.1		0.096		0.19		0.24	
	Heptachlorobiphenyl	MG/KG	0.3		0.42		0.16		0.14		0.07		0.16		0.073		0.13		0.19	
	Octachlorobiphenyl	MG/KG	0.19		0.2		0.05		0.098		0.037		0.067		0.037		0.061		0.13	
	Nonachlorobiphenyl	MG/KG	0.057		0.083		0.021		0.041		0.013		0.035		0.011		0.021		0.043	
	Decachlorobiphenyl	MG/KG	0.0053		0.016		0.000025	U	0.011		0.0012		0.0078		0.0019		0.0056		0.0052	
	Total PCBs	MG/KG	7.2		4.6		0.82		0.9		0.81		0.63		1.6		0.73		2.7	J
Mercury (245.7)	Mercury	MG/KG																		
160.3 600/4/79/020	Percent Solids	%	54.8		45.1		52.5		48.7		59.5		52.3		55.1		47		48.2	

**TABLE 3-1
ANALYTICAL RESULTS FOR 2017 SEDIMENT SAMPLES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

	Loc Name	SD-PCB-102	SD-PCB-102	SD-PCB-103	SD-PCB-103	SD-PCB-104	SD-PCB-104	SD-PCB-105	SD-PCB-105	SD-PCB-106								
	Field Sample ID	SDPCB1020001	SDPCB1020102	SDPCB1030001	SDPCB1030102	SDPCB1040001	SDPCB1040102	SDPCB1050001	SDPCB1050102	SDPCB1060001								
	Sample Date	10/18/17	10/18/17	10/18/17	10/18/17	10/18/17	10/18/17	10/18/17	10/18/17	10/18/17								
	Sample Depth Interval (ft)	0-1	1-2	0-1	1-2	0-1	1-2	0-1	1-2	0-1								
Analytical Method	Parameter	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Homologs (8270-SIM/680 Mod)	Monochlorobiphenyl	MG/KG	0.000045	U	0.000045	U	0.000045	U	0.000045	U	0.000045	U	0.000045	U	0.000045	U	0.000045	UJ
	Dichlorobiphenyl	MG/KG	0.0013		0.00034	J	0.00012	U	0.00012	U	0.0018		0.00012	U	0.0008		0.00012	U
	Trichlorobiphenyl	MG/KG	0.083		0.00012	U	0.042		0.013		0.068		0.00012	U	0.065		0.00046	
	Tetrachlorobiphenyl	MG/KG	0.22		0.0026	J	0.13		0.039		0.22		0.0013		0.19		0.0018	
	Pentachlorobiphenyl	MG/KG	0.098		0.0023		0.085		0.019		0.081		0.0017		0.079		0.00046	
	Hexachlorobiphenyl	MG/KG	0.035		0.0015		0.038		0.007		0.027		0.0029		0.042		0.00021	U
	Heptachlorobiphenyl	MG/KG	0.057		0.0053		0.027		0.012		0.027		0.0059		0.058		0.00069	
	Octachlorobiphenyl	MG/KG	0.029		0.01		0.01		0.0026		0.015		0.0058		0.047		0.00012	U
	Nonachlorobiphenyl	MG/KG	0.012		0.0062		0.0044		0.0004		0.0059		0.0039		0.021		0.000045	U
	Decachlorobiphenyl	MG/KG	0.0044		0.0044		0.0006		0.000025	U	0.0015		0.0014		0.0079		0.000025	U
	Total PCBs	MG/KG	0.54		0.033		0.34		0.093		0.44		0.023		0.51		0.0034	
Mercury (245.7)	Mercury	MG/KG																
160.3 600/4/79/020	Percent Solids	%	58		57.5		50.9		61.7		68.7		54.3		61.5		56.2	

**TABLE 3-1
ANALYTICAL RESULTS FOR 2017 SEDIMENT SAMPLES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

	Loc Name Field Sample ID Sample Date Sample Depth Interval (ft)	SD-PCB-106 SDPCB1060102 10/18/17 1-2	SD-PCB-107 SDPCB1070001 10/19/17 0-1	SD-PCB-107 SDPCB1070102 10/19/17 1-2	SD-PCB-108 SDPCB1080001 10/20/17 0-1	SD-PCB-108 SDPCB1080102 10/20/17 1-2	SD-PCB-109 SDPCB1090001 10/20/17 0-1	SD-PCB-109 SDPCB1090102 10/20/17 1-2	SD-PCB-201 SDPCB2010001 10/20/17 0-1	SD-PCB-201 SDPCB2010102 10/20/17 1-2										
Analytical Method	Parameter	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Homologs (8270-SIM/680 Mod)	Monochlorobiphenyl	MG/KG	0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000067		0.000045 U		0.000045 U		0.0004 U		0.000045 U	
	Dichlorobiphenyl	MG/KG	0.00035		0.0017		0.0024		0.00059 J		0.00014		0.00037		0.00012 U		0.0041		0.0021	
	Trichlorobiphenyl	MG/KG	0.019		0.078		0.061		0.029		0.00038		0.031		0.00012 U		0.13		0.00012 U	
	Tetrachlorobiphenyl	MG/KG	0.057		0.16		0.13		0.072		0.00054		0.089		0.00021 U		0.29		0.0029	
	Pentachlorobiphenyl	MG/KG	0.022		0.079		0.05		0.043		0.00041		0.039		0.00023 U		0.1		0.0052	
	Hexachlorobiphenyl	MG/KG	0.01		0.034		0.023		0.041		0.00048		0.017		0.00021 U		0.048		0.0059	
	Heptachlorobiphenyl	MG/KG	0.0072		0.041		0.018		0.033		0.00018 U		0.015		0.00018 U		0.032		0.006	
	Octachlorobiphenyl	MG/KG	0.0026		0.027		0.011		0.011		0.00064		0.01		0.00012 U		0.017		0.0064	
	Nonachlorobiphenyl	MG/KG	0.000045 U		0.0043		0.0043		0.0047		0.00058		0.0051		0.000045 U		0.0064		0.0052	
	Decachlorobiphenyl	MG/KG	0.000025 U		0.0021		0.00093		0.0015		0.00082		0.0015		0.000025 U		0.00068		0.0036	
	Total PCBs	MG/KG	0.12		0.43		0.3		0.24		0.0041		0.21		0.0015 U		0.63		0.037	
Mercury (245.7)	Mercury	MG/KG																		
160.3 600/4/79/020	Percent Solids	%	54.4		58.7		54.8		58		51		54.8		53.1		70.4		57.5	

**TABLE 3-1
ANALYTICAL RESULTS FOR 2017 SEDIMENT SAMPLES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

	Loc Name Field Sample ID Sample Date Sample Depth Interval (ft)	SD-PCB-201 SDPCB2010405 10/20/17 4-5	SD-PCB-201 SDPCB2010506 10/20/17 5-6	SD-PCB-201 SDPCB2010607 10/20/17 6-7	SD-PCB-201 SDPCB2010708 10/20/17 7-8	SD-PCB-202 SDPCB2020001 10/21/17 0-1	SD-PCB-202 SDPCB2020102 10/21/17 1-2	SD-PCB-203 SDPCB2030001 10/21/17 0-1	SD-PCB-203 SDPCB2030102 10/21/17 1-2	SD-PCB-204 SDPCB2040001 10/21/17 0-1									
Analytical Method	Parameter	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	
Homologs (8270-SIM/680 Mod)	Monochlorobiphenyl	MG/KG	0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.0001		0.003 U		0.000045 U		0.0067
	Dichlorobiphenyl	MG/KG	0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.0016		0.0028		0.025		0.0012		0.26
	Trichlorobiphenyl	MG/KG	0.00049		0.00009		0.00018		0.00095		0.074		0.0026		0.35		0.007		8.9
	Tetrachlorobiphenyl	MG/KG	0.00095		0.00031		0.00028		0.0024		0.19		0.0071		0.55		0.016		18
	Pentachlorobiphenyl	MG/KG	0.00058		0.0001		0.00023 U		0.0012		0.074		0.0071		0.17		0.0061		5.7
	Hexachlorobiphenyl	MG/KG	0.00036		0.00021 U		0.00021 U		0.0004		0.02		0.0045		0.035		0.0045		1.3
	Heptachlorobiphenyl	MG/KG	0.000096		0.00018 U		0.00018 U		0.0002		0.013		0.0071		0.018		0.0047		0.76
	Octachlorobiphenyl	MG/KG	0.000028		0.00012 U		0.00012 U		0.00012 U		0.0071		0.0064		0.0024		0.0063		0.36
	Nonachlorobiphenyl	MG/KG	0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.0033		0.004		0.003 U		0.0046		0.11
	Decachlorobiphenyl	MG/KG	0.000046		0.000025 U		0.000025 U		0.000025 U		0.0016		0.0028		0.0008 U		0.0034		0.004
	Total PCBs	MG/KG	0.0026		0.00051		0.00047		0.0052		0.38		0.044		1.1		0.054		36
Mercury (245.7)	Mercury	MG/KG	0.016		0.015		0.019		0.018										
160.3 600/4/79/020	Percent Solids	%	59.6		60.6		53.8		52.3		63.2		53		56.4		49.9		72.5

**TABLE 3-1
ANALYTICAL RESULTS FOR 2017 SEDIMENT SAMPLES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

	Loc Name	SD-PCB-204	SD-PCB-205	SD-PCB-205	SD-PCB-205	SD-PCB-205	SD-PCB-205	SD-PCB-205	SD-PCB-210	SD-PCB-210										
	Field Sample ID	SDPCB2040102	SDPCB2050001	SDPCB2050102	SDPCB2050405	SDPCB2050506	SDPCB2050607	SDPCB2050708	SDPCB2100405	SDPCB2100506										
	Sample Date	10/21/17	10/19/17	10/19/17	10/19/17	10/19/17	10/19/17	10/19/17	10/20/17	10/20/17										
	Sample Depth Interval (ft)	1-2	0-1	1-2	4-5	5-6	6-7	7-8	4-5	5-6										
Analytical Method	Parameter	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Homologs (8270-SIM/680 Mod)	Monochlorobiphenyl	MG/KG	0.000045 U		0.002 UJ		0.000045 U		0.00035		0.000045 U		0.00003		0.000045 U		0.000045 U		0.000045 U	
	Dichlorobiphenyl	MG/KG	0.0017		0.4		0.0031		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U	
	Trichlorobiphenyl	MG/KG	0.033		2.6		0.0094		0.000064		0.0012		0.00026		0.00056		0.00047		0.00023	
	Tetrachlorobiphenyl	MG/KG	0.068		4.5		0.024		0.0015		0.0021		0.00037		0.0012		0.0012		0.00091	
	Pentachlorobiphenyl	MG/KG	0.025		2.4		0.022		0.0011		0.0011		0.00016		0.00053		0.00041		0.00031	
	Hexachlorobiphenyl	MG/KG	0.011		0.75		0.012		0.00031		0.00068		0.00021 U		0.00011		0.00021 U		0.00021 U	
	Heptachlorobiphenyl	MG/KG	0.01		0.4		0.0076		0.00081		0.00022		0.00018 U		0.00018 U		0.000067		0.00018 U	
	Octachlorobiphenyl	MG/KG	0.01		0.15		0.0053		0.00019		0.00012 U		0.00012 U		0.00012 U		0.000021		0.00012 U	
	Nonachlorobiphenyl	MG/KG	0.0073		0.034		0.0018		0.00088		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000029	
	Decachlorobiphenyl	MG/KG	0.000025 U		0.0019		0.00062		0.00022		0.000025 U		0.000025 U		0.000025 U		0.000045		0.000025 U	
	Total PCBs	MG/KG	0.17		11 J		0.086		0.0054		0.0053		0.00081		0.0024		0.0023		0.0015	
Mercury (245.7)	Mercury	MG/KG						0.021		0.016		0.019		0.021		0.017		0.019		
160.3 600/4/79/020	Percent Solids	%	63		65.2		69.2		60.8		61.3		56.9		52		61.3		56.5	

**TABLE 3-1
ANALYTICAL RESULTS FOR 2017 SEDIMENT SAMPLES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

Analytical Method	Parameter	Units	SD-PCB-210 SDPCB2100607 10/20/17 6-7		SD-PCB-210 SDPCB2100708 10/20/17 7-8		SD-PCB-300 SDPCB3000001 10/20/17 0-1		SD-PCB-300 SDPCB3000102 10/20/17 1-2		SD-PCB-300 SDPCB3000405 10/20/17 4-5		SD-PCB-300 SDPCB3000506 10/20/17 5-6		SD-PCB-300 SDPCB3000607 10/20/17 6-7		SD-PCB-300 SDPCB3000708 10/20/17 7-8		SD-PCB-301 SDPCB3010405 10/20/17 4-5	
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Homologs (8270-SIM/680 Mod)	Monochlorobiphenyl	MG/KG	0.000045	U	0.000045	U	0.000045	U	0.0003	U	0.000045	U	0.000045	U	0.000045	U	0.000045	U	0.000045	U
	Dichlorobiphenyl	MG/KG	0.00012	U	0.00012	U	0.00091		0.001	U	0.00012	U	0.00012	U	0.00012	U	0.00012	U	0.00012	U
	Trichlorobiphenyl	MG/KG	0.00012	U	0.00012	U	0.082		0.0034		0.0002	J	0.00046		0.00012	U	0.00012	U	0.00012	U
	Tetrachlorobiphenyl	MG/KG	0.00021	U	0.00021	U	0.22		0.0093		0.0006	J	0.00088		0.00021	U	0.00021	U	0.00021	U
	Pentachlorobiphenyl	MG/KG	0.00023	U	0.00023	U	0.096		0.0046		0.0002	J	0.00037		0.00023	U	0.00023	U	0.00023	U
	Hexachlorobiphenyl	MG/KG	0.00021	U	0.00021	U	0.032		0.0016		0.00021	U	0.00021	U	0.00021	U	0.00021	U	0.00021	U
	Heptachlorobiphenyl	MG/KG	0.00018	U	0.00018	U	0.028		0.000097		0.00018	U	0.00014		0.00018	U	0.00018	U	0.00018	U
	Octachlorobiphenyl	MG/KG	0.00012	U	0.00012	U	0.014		0.0016		0.00012	U	0.00012	U	0.00012	U	0.00012	U	0.00012	U
	Nonachlorobiphenyl	MG/KG	0.000045	U	0.000045	U	0.0041		0.00086		0.000045	U	0.000045	U	0.000045	U	0.000045	U	0.000045	U
	Decachlorobiphenyl	MG/KG	0.000025	U	0.000025	U	0.00042		0.00061		0.000025	U	0.000025	U	0.000025	U	0.000025	U	0.000025	U
	Total PCBs	MG/KG	0.0015	U	0.0015	U	0.48		0.022		0.001	J	0.0019		0.0015	U	0.0015	U	0.0015	U
Mercury (245.7)	Mercury	MG/KG	0.019		0.017						0.021		0.013		0.017		0.016		0.014	
160.3 600/4/79/020	Percent Solids	%	53.6		51.3		54.3		51.3		61.8		61.4		56.5		52.8		61.2	

**TABLE 3-1
ANALYTICAL RESULTS FOR 2017 SEDIMENT SAMPLES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

	Loc Name Field Sample ID Sample Date Sample Depth Interval (ft)	SD-PCB-301 SDPCB3010506 10/20/17 5-6	SD-PCB-301 SDPCB3010607 10/20/17 6-7	SD-PCB-301 SDPCB3010708 10/20/17 7-8	SD-PCB-302 SDPCB3020405 10/20/18 4-5	SD-PCB-302 SDPCB3020506 10/20/18 5-6	SD-PCB-302 SDPCB3020607 10/20/18 6-7	SD-PCB-302 SDPCB3020708 10/20/18 7-8	SD-PCB-303 SDPCB3030405 10/20/18 4-5	SD-PCB-303 SDPCB3030506 10/20/18 5-6								
Analytical Method	Parameter	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Homologs (8270-SIM/680 Mod)	Monochlorobiphenyl	MG/KG	0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U	
	Dichlorobiphenyl	MG/KG	0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U	
	Trichlorobiphenyl	MG/KG	0.00012 U		0.00012 U		0.00012 U		0.0003		0.00012 U		0.00012 U		0.00012 U		0.00017	
	Tetrachlorobiphenyl	MG/KG	0.00021 U		0.00021 U		0.00021 U		0.000066		0.00021 U		0.00021 U		0.00021 U		0.00039 J	
	Pentachlorobiphenyl	MG/KG	0.00023 U		0.00023 U		0.00023 U		0.00034		0.00023 U		0.00023 U		0.00023 U		0.00021 J	
	Hexachlorobiphenyl	MG/KG	0.00021 U		0.00021 U		0.00021 U		8.4E-06		0.000012		0.00021 U		0.00021 U		0.00021 U	
	Heptachlorobiphenyl	MG/KG	0.00018 U		0.00018 U		0.00018 U		0.00074		0.00018 U		0.00018 U		0.00018 U		0.00018 U	
	Octachlorobiphenyl	MG/KG	0.00012 U		0.000035		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U	
	Nonachlorobiphenyl	MG/KG	0.000045 U		0.000045 U		0.000045 U		0.000028		0.000045 U		0.000045 U		0.000045 U		0.000045 U	
	Decachlorobiphenyl	MG/KG	0.000025 U		0.000037		0.000025 U		0.000025 U		0.000025 U		0.000025 U		0.000025 U		0.000025 U	
	Total PCBs	MG/KG	0.0015 U		0.0015 U		0.0015 U		0.0015		0.0015 U		0.0015 U		0.0015 U		0.00077 J	
Mercury (245.7)	Mercury	MG/KG	0.016		0.02		0.019		0.015		0.018		0.02		0.017		0.014	
160.3 600/4/79/020	Percent Solids	%	57.5		50.9		51.2		62.3		56.5		49.2		52		61.1	

**TABLE 3-1
ANALYTICAL RESULTS FOR 2017 SEDIMENT SAMPLES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

	Loc Name Field Sample ID Sample Date Sample Depth Interval (ft)	SD-PCB-303 SDPCB3030607 10/20/18 6-7	SD-PCB-303 SDPCB3030708 10/20/18 7-8	SD-PCB-304 SDPCB3040405 10/20/17 4-5	SD-PCB-304 SDPCB3040506 10/20/17 5-6	SD-PCB-304 SDPCB3040607 10/20/17 6-7	SD-PCB-304 SDPCB3040708 10/20/17 7-8	SD-PCB-400 SDPCB4000405 10/19/17 4-5	SD-PCB-400 SDPCB4000506 10/19/17 5-6	SD-PCB-400 SDPCB4000607 10/19/17 6-7									
Analytical Method	Parameter	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	
Homologs (8270-SIM/680 Mod)	Monochlorobiphenyl	MG/KG	0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U		
	Dichlorobiphenyl	MG/KG	0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		
	Trichlorobiphenyl	MG/KG	0.00012 U		0.00029		0.000036		0.0002		0.00063		0.00026		0.00012 U		0.00025		0.00012 U
	Tetrachlorobiphenyl	MG/KG	0.00021 U		0.00074		0.00021 U		0.00024 J		0.0011		0.0007		0.00013		0.00014		0.00021 U
	Pentachlorobiphenyl	MG/KG	0.00023 U		0.00033		0.00023 U		0.00015		0.00033		0.00019		0.00023 U		0.00023 U		0.00023 U
	Hexachlorobiphenyl	MG/KG	0.00021 U		0.00021 U		0.00021 U		8.2E-06		0.00021 U		0.00021 U		0.000009		0.00021 U		0.00021 U
	Heptachlorobiphenyl	MG/KG	0.00018 U		0.00018 U		0.00018 UJ		0.00018 U		0.00018 U		0.00018 U		0.00018 U		0.00018 U		0.00018 U
	Octachlorobiphenyl	MG/KG	0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U
	Nonachlorobiphenyl	MG/KG	0.000045 U		0.000045 U		0.000045 UJ		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U
	Decachlorobiphenyl	MG/KG	0.000025 U		0.000025 U		0.000025 U		0.000025 U		0.000025 U		0.000025 U		0.000025 U		0.000025 U		0.000025 U
	Total PCBs	MG/KG	0.0015 U		0.0014		0.000036 J		0.0006 J		0.0021		0.0011		0.00014		0.00039		0.0015 U
Mercury (245.7)	Mercury	MG/KG	0.018		0.015		0.013		0.014		0.016		0.017		0.016		0.018		0.018
160.3 600/4/79/020	Percent Solids	%	52.3		53.3		62		61.3		57.6		52.6		58.2		56.9		54.1

**TABLE 3-1
ANALYTICAL RESULTS FOR 2017 SEDIMENT SAMPLES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

	Loc Name Field Sample ID Sample Date Sample Depth Interval (ft)	SD-PCB-400 SDPCB4000708 10/19/17 7-8	SD-PCB-401 SDPCB4010405 10/19/17 4-5	SD-PCB-401 SDPCB4010506 10/19/17 5-6	SD-PCB-401 SDPCB4010607 10/19/17 6-7	SD-PCB-401 SDPCB4010708 10/19/17 7-8	SD-PCB-402 SDPCB4020405 10/19/17 4-5	SD-PCB-402 SDPCB4020506 10/19/17 5-6	SD-PCB-402 SDPCB4020607 10/19/17 6-7	SD-PCB-402 SDPCB4020708 10/19/17 7-8								
Analytical Method	Parameter	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Homologs (8270-SIM/680 Mod)	Monochlorobiphenyl	MG/KG	0.000045	U	0.000045	U	0.000045	U	0.000045	U	0.000045	U	0.000045	U	0.000045	U	0.000045	U
	Dichlorobiphenyl	MG/KG	0.00012	U	0.00012	U	0.00012	U	0.00012	U	0.00012	U	0.00012	U	0.00012	U	0.00012	U
	Trichlorobiphenyl	MG/KG	0.000029		0.00013		0.00013		0.000043		0.00012		0.0003		0.00033		0.000058	
	Tetrachlorobiphenyl	MG/KG	0.00021	U	0.00017		0.000098		0.00021	U	0.00021		0.00091		0.00027		0.00022	
	Pentachlorobiphenyl	MG/KG	0.00023	U	0.00023	U	0.00023	U	0.00027		0.00023	U	0.00043		0.000089		0.00004	
	Hexachlorobiphenyl	MG/KG	0.00021	U	0.000018		0.00021	U	0.00021	U	0.00021	U	0.00015		0.00021	U	0.000092	
	Heptachlorobiphenyl	MG/KG	0.00046		0.00018	U	0.00018	U	0.00018	U	0.00018	U	0.00018	U	0.00018	U	0.00042	
	Octachlorobiphenyl	MG/KG	0.000087		0.00012	U	0.00012	U	0.00012	U	0.00012	U	0.00038		0.00012	U	0.00012	U
	Nonachlorobiphenyl	MG/KG	0.0018		0.000045	U	0.000045	U	0.000045	U	0.000045	U	0.000045	U	0.000045	U	0.00042	
	Decachlorobiphenyl	MG/KG	0.000025	U	0.000025	U	0.000025	U	0.000025	U	0.000025	U	0.000025	U	0.000025	U	0.000025	U
	Total PCBs	MG/KG	0.0024		0.00032		0.00022		0.00032		0.0015	U	0.0022		0.00069		0.0012	
Mercury (245.7)	Mercury	MG/KG	0.017		0.02		0.019		0.019		0.019		0.017		0.02		0.021	
160.3 600/4/79/020	Percent Solids	%	55.4		59.1		55.4		51.2		52.4		59		55.5		52.3	

**TABLE 3-1
ANALYTICAL RESULTS FOR 2017 SEDIMENT SAMPLES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

	Loc Name	SD-PCB-001	SD-PCB-001	SD-PCB-002	SD-PCB-002	SD-PCB-003	SD-PCB-003	SD-PCB-004	SD-PCB-004	SD-PCB-005							
	Field Sample ID	SDPCB0010001	SDPCB0010102	SDPCB0020001	SDPCB0020102	SDPCB0030001	SDPCB0030102	SDPCB0040001	SDPCB0040102	SDPCB0050001							
	Sample Date	10/18/17	10/18/17	10/18/17	10/18/17	10/18/17	10/18/17	10/20/18	10/20/18	10/20/18							
	Sample Depth Interval (ft)	0-1	1-2	0-1	1-2	0-1	1-2	0-1	1-2	0-1							
Analytical Method	Parameter	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual					
Homologs (8270-SIM/680 Mod)	Monochlorobiphenyl	MG/KG	0.003 U		0.002 U		0.000045 U		0.0003 U		0.0003 U		0.001 U		0.001 U		R
	Dichlorobiphenyl	MG/KG	0.094		0.044		0.0013		0.0094		0.0039		0.0057		0.019		0.022
	Trichlorobiphenyl	MG/KG	1.6		0.61		0.1		0.04		0.13		0.017		0.31		0.031 J
	Tetrachlorobiphenyl	MG/KG	3.3		1.8		0.31		0.18		0.34		0.11		0.73		0.013 J
	Pentachlorobiphenyl	MG/KG	1.3		0.99		0.13		0.2		0.16		0.13		0.31		0.13 J
	Hexachlorobiphenyl	MG/KG	0.4		0.44		0.053		0.18		0.064		0.1		0.096		0.15
	Heptachlorobiphenyl	MG/KG	0.3		0.42		0.16		0.14		0.07		0.16		0.073		0.19
	Octachlorobiphenyl	MG/KG	0.19		0.2		0.05		0.098		0.037		0.067		0.037		0.061
	Nonachlorobiphenyl	MG/KG	0.057		0.083		0.021		0.041		0.013		0.035		0.011		0.021
	Decachlorobiphenyl	MG/KG	0.0053		0.016		0.000025 U		0.011		0.0012		0.0078		0.0019		0.0056
	Total PCBs	MG/KG	7.2		4.6		0.82		0.9		0.81		0.63		1.6		0.73
Mercury (245.7)	Mercury	MG/KG															
160.3 600/4/79/020	Percent Solids	%	54.8		45.1		52.5		48.7		59.5		52.3		55.1		47

**TABLE 3-1
ANALYTICAL RESULTS FOR 2017 SEDIMENT SAMPLES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

	Loc Name Field Sample ID Sample Date Sample Depth Interval (ft)	SD-PCB-102 SDPCB1020001 10/18/17 0-1	SD-PCB-102 SDPCB1020102 10/18/17 1-2	SD-PCB-103 SDPCB1030001 10/18/17 0-1	SD-PCB-103 SDPCB1030102 10/18/17 1-2	SD-PCB-104 SDPCB1040001 10/18/17 0-1	SD-PCB-104 SDPCB1040102 10/18/17 1-2	SD-PCB-105 SDPCB1050001 10/18/17 0-1	SD-PCB-105 SDPCB1050102 10/18/17 1-2	SD-PCB-106 SDPCB1060001 10/18/17 0-1								
Analytical Method	Parameter	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Homologs (8270-SIM/680 Mod)	Monochlorobiphenyl	MG/KG	0.000045	U	0.000045	U	0.000045	U	0.000045	U	0.000045	U	0.000045	U	0.000045	U	0.000045	UJ
	Dichlorobiphenyl	MG/KG	0.0013		0.00034	J	0.00012	U	0.00012	U	0.0018		0.00012	U	0.0008		0.00012	U
	Trichlorobiphenyl	MG/KG	0.083		0.00012	U	0.042		0.013		0.068		0.00012	U	0.065		0.00046	
	Tetrachlorobiphenyl	MG/KG	0.22		0.0026	J	0.13		0.039		0.22		0.0013		0.19		0.0018	
	Pentachlorobiphenyl	MG/KG	0.098		0.0023		0.085		0.019		0.081		0.0017		0.079		0.00046	
	Hexachlorobiphenyl	MG/KG	0.035		0.0015		0.038		0.007		0.027		0.0029		0.042		0.00021	U
	Heptachlorobiphenyl	MG/KG	0.057		0.0053		0.027		0.012		0.027		0.0059		0.058		0.00069	
	Octachlorobiphenyl	MG/KG	0.029		0.01		0.01		0.0026		0.015		0.0058		0.047		0.00012	U
	Nonachlorobiphenyl	MG/KG	0.012		0.0062		0.0044		0.0004		0.0059		0.0039		0.021		0.000045	U
	Decachlorobiphenyl	MG/KG	0.0044		0.0044		0.0006		0.000025	U	0.0015		0.0014		0.0079		0.000025	U
	Total PCBs	MG/KG	0.54		0.033		0.34		0.093		0.44		0.023		0.51		0.0034	
Mercury (245.7)	Mercury	MG/KG																
160.3 600/4/79/020	Percent Solids	%	58		57.5		50.9		61.7		68.7		54.3		61.5		56.2	

**TABLE 3-1
ANALYTICAL RESULTS FOR 2017 SEDIMENT SAMPLES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

	Loc Name Field Sample ID Sample Date Sample Depth Interval (ft)	SD-PCB-106 SDPCB1060102 10/18/17 1-2	SD-PCB-107 SDPCB1070001 10/19/17 0-1	SD-PCB-107 SDPCB1070102 10/19/17 1-2	SD-PCB-108 SDPCB1080001 10/20/17 0-1	SD-PCB-108 SDPCB1080102 10/20/17 1-2	SD-PCB-109 SDPCB1090001 10/20/17 0-1	SD-PCB-109 SDPCB1090102 10/20/17 1-2	SD-PCB-201 SDPCB2010001 10/20/17 0-1	SD-PCB-201 SDPCB2010102 10/20/17 1-2										
Analytical Method	Parameter	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual		
Homologs (8270-SIM/680 Mod)	Monochlorobiphenyl	MG/KG	0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000067		0.000045 U		0.000045 U		0.0004 U		0.000045 U	
	Dichlorobiphenyl	MG/KG	0.00035		0.0017		0.0024		0.00059 J		0.00014		0.00037		0.00012 U		0.0041		0.0021	
	Trichlorobiphenyl	MG/KG	0.019		0.078		0.061		0.029		0.00038		0.031		0.00012 U		0.13		0.00012 U	
	Tetrachlorobiphenyl	MG/KG	0.057		0.16		0.13		0.072		0.00054		0.089		0.00021 U		0.29		0.0029	
	Pentachlorobiphenyl	MG/KG	0.022		0.079		0.05		0.043		0.00041		0.039		0.00023 U		0.1		0.0052	
	Hexachlorobiphenyl	MG/KG	0.01		0.034		0.023		0.041		0.00048		0.017		0.00021 U		0.048		0.0059	
	Heptachlorobiphenyl	MG/KG	0.0072		0.041		0.018		0.033		0.00018 U		0.015		0.00018 U		0.032		0.006	
	Octachlorobiphenyl	MG/KG	0.0026		0.027		0.011		0.011		0.00064		0.01		0.00012 U		0.017		0.0064	
	Nonachlorobiphenyl	MG/KG	0.000045 U		0.0043		0.0043		0.0047		0.00058		0.0051		0.000045 U		0.0064		0.0052	
	Decachlorobiphenyl	MG/KG	0.000025 U		0.0021		0.00093		0.0015		0.00082		0.0015		0.000025 U		0.00068		0.0036	
	Total PCBs	MG/KG	0.12		0.43		0.3		0.24		0.0041		0.21		0.0015 U		0.63		0.037	
Mercury (245.7)	Mercury	MG/KG																		
160.3 600/4/79/020	Percent Solids	%	54.4		58.7		54.8		58		51		54.8		53.1		70.4		57.5	

**TABLE 3-1
ANALYTICAL RESULTS FOR 2017 SEDIMENT SAMPLES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

	Loc Name Field Sample ID Sample Date Sample Depth Interval (ft)	SD-PCB-201 SDPCB2010405 10/20/17 4-5	SD-PCB-201 SDPCB2010506 10/20/17 5-6	SD-PCB-201 SDPCB2010607 10/20/17 6-7	SD-PCB-201 SDPCB2010708 10/20/17 7-8	SD-PCB-202 SDPCB2020001 10/21/17 0-1	SD-PCB-202 SDPCB2020102 10/21/17 1-2	SD-PCB-203 SDPCB2030001 10/21/17 0-1	SD-PCB-203 SDPCB2030102 10/21/17 1-2	SD-PCB-204 SDPCB2040001 10/21/17 0-1								
Analytical Method	Parameter	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Homologs (8270-SIM/680 Mod)	Monochlorobiphenyl	MG/KG	0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.0001		0.003 U		0.000045 U		0.0067	
	Dichlorobiphenyl	MG/KG	0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.0016		0.0028		0.0012		0.26	
	Trichlorobiphenyl	MG/KG	0.00049		0.00009		0.00018		0.00095		0.074		0.0026		0.007		8.9	
	Tetrachlorobiphenyl	MG/KG	0.00095		0.00031		0.00028		0.0024		0.19		0.0071		0.016		18	
	Pentachlorobiphenyl	MG/KG	0.00058		0.0001		0.00023 U		0.0012		0.074		0.0071		0.0061		5.7	
	Hexachlorobiphenyl	MG/KG	0.00036		0.00021 U		0.00021 U		0.0004		0.02		0.0045		0.0045		1.3	
	Heptachlorobiphenyl	MG/KG	0.000096		0.00018 U		0.00018 U		0.0002		0.013		0.0071		0.0047		0.76	
	Octachlorobiphenyl	MG/KG	0.000028		0.00012 U		0.00012 U		0.00012 U		0.0071		0.0064		0.0063		0.36	
	Nonachlorobiphenyl	MG/KG	0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.0033		0.004		0.0046		0.11	
	Decachlorobiphenyl	MG/KG	0.000046		0.000025 U		0.000025 U		0.000025 U		0.0016		0.0028		0.0034		0.004	
	Total PCBs	MG/KG	0.0026		0.00051		0.00047		0.0052		0.38		0.044		0.054		36	
Mercury (245.7)	Mercury	MG/KG	0.016		0.015		0.019		0.018									
160.3 600/4/79/020	Percent Solids	%	59.6		60.6		53.8		52.3		63.2		53		56.4		49.9	

**TABLE 3-1
ANALYTICAL RESULTS FOR 2017 SEDIMENT SAMPLES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

	Loc Name	SD-PCB-204	SD-PCB-205	SD-PCB-205	SD-PCB-205	SD-PCB-205	SD-PCB-205	SD-PCB-205	SD-PCB-210	SD-PCB-210										
	Field Sample ID	SDPCB2040102	SDPCB2050001	SDPCB2050102	SDPCB2050405	SDPCB2050506	SDPCB2050607	SDPCB2050708	SDPCB2100405	SDPCB2100506										
	Sample Date	10/21/17	10/19/17	10/19/17	10/19/17	10/19/17	10/19/17	10/19/17	10/20/17	10/20/17										
	Sample Depth Interval (ft)	1-2	0-1	1-2	4-5	5-6	6-7	7-8	4-5	5-6										
Analytical Method	Parameter	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual								
Homologs (8270-SIM/680 Mod)	Monochlorobiphenyl	MG/KG	0.000045 U		0.002 UJ		0.000045 U		0.00035		0.000045 U		0.00003		0.000045 U		0.000045 U		0.000045 U	
	Dichlorobiphenyl	MG/KG	0.0017		0.4		0.0031		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U	
	Trichlorobiphenyl	MG/KG	0.033		2.6		0.0094		0.000064		0.0012		0.00026		0.00056		0.00047		0.00023	
	Tetrachlorobiphenyl	MG/KG	0.068		4.5		0.024		0.0015		0.0021		0.00037		0.0012		0.0012		0.00091	
	Pentachlorobiphenyl	MG/KG	0.025		2.4		0.022		0.0011		0.0011		0.00016		0.00053		0.00041		0.00031	
	Hexachlorobiphenyl	MG/KG	0.011		0.75		0.012		0.00031		0.00068		0.00021 U		0.00011		0.00021 U		0.00021 U	
	Heptachlorobiphenyl	MG/KG	0.01		0.4		0.0076		0.00081		0.00022		0.00018 U		0.00018 U		0.000067		0.00018 U	
	Octachlorobiphenyl	MG/KG	0.01		0.15		0.0053		0.00019		0.00012 U		0.00012 U		0.00012 U		0.000021		0.00012 U	
	Nonachlorobiphenyl	MG/KG	0.0073		0.034		0.0018		0.00088		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000029	
	Decachlorobiphenyl	MG/KG	0.000025 U		0.0019		0.00062		0.00022		0.000025 U		0.000025 U		0.000025 U		0.000045		0.000025 U	
	Total PCBs	MG/KG	0.17		11 J		0.086		0.0054		0.0053		0.00081		0.0024		0.0023		0.0015	
Mercury (245.7)	Mercury	MG/KG						0.021		0.016		0.019		0.021		0.017		0.019		
160.3 600/4/79/020	Percent Solids	%	63		65.2		69.2		60.8		61.3		56.9		52		61.3		56.5	

**TABLE 3-1
ANALYTICAL RESULTS FOR 2017 SEDIMENT SAMPLES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

Analytical Method	Parameter	Units	SD-PCB-210 SDPCB2100607 10/20/17 6-7		SD-PCB-210 SDPCB2100708 10/20/17 7-8		SD-PCB-300 SDPCB3000001 10/20/17 0-1		SD-PCB-300 SDPCB3000102 10/20/17 1-2		SD-PCB-300 SDPCB3000405 10/20/17 4-5		SD-PCB-300 SDPCB3000506 10/20/17 5-6		SD-PCB-300 SDPCB3000607 10/20/17 6-7		SD-PCB-300 SDPCB3000708 10/20/17 7-8		SD-PCB-301 SDPCB3010405 10/20/17 4-5	
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Homologs (8270-SIM/680 Mod)	Monochlorobiphenyl	MG/KG	0.000045 U		0.000045 U		0.000045 U		0.0003 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U	
	Dichlorobiphenyl	MG/KG	0.00012 U		0.00012 U		0.00091 U		0.001 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U	
	Trichlorobiphenyl	MG/KG	0.00012 U		0.00012 U		0.082		0.0034		0.0002 J		0.00046		0.00012 U		0.00012 U		0.00012 U	
	Tetrachlorobiphenyl	MG/KG	0.00021 U		0.00021 U		0.22		0.0093		0.0006 J		0.00088		0.00021 U		0.00021 U		0.00021 U	
	Pentachlorobiphenyl	MG/KG	0.00023 U		0.00023 U		0.096		0.0046		0.0002 J		0.00037		0.00023 U		0.00023 U		0.00023 U	
	Hexachlorobiphenyl	MG/KG	0.00021 U		0.00021 U		0.032		0.0016		0.00021 U		0.00021 U		0.00021 U		0.00021 U		0.00021 U	
	Heptachlorobiphenyl	MG/KG	0.00018 U		0.00018 U		0.028		0.000097		0.00018 U		0.00014		0.00018 U		0.00018 U		0.00018 U	
	Octachlorobiphenyl	MG/KG	0.00012 U		0.00012 U		0.014		0.0016		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U	
	Nonachlorobiphenyl	MG/KG	0.000045 U		0.000045 U		0.0041		0.00086		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U	
	Decachlorobiphenyl	MG/KG	0.000025 U		0.000025 U		0.00042		0.00061		0.000025 U		0.000025 U		0.000025 U		0.000025 U		0.000025 U	
	Total PCBs	MG/KG	0.0015 U		0.0015 U		0.48		0.022		0.001 J		0.0019		0.0015 U		0.0015 U		0.0015 U	
Mercury (245.7)	Mercury	MG/KG	0.019		0.017						0.021		0.013		0.017		0.016		0.014	
160.3 600/4/79/020	Percent Solids	%	53.6		51.3		54.3		51.3		61.8		61.4		56.5		52.8		61.2	

**TABLE 3-1
ANALYTICAL RESULTS FOR 2017 SEDIMENT SAMPLES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

	Loc Name Field Sample ID Sample Date Sample Depth Interval (ft)	SD-PCB-301 SDPCB3010506 10/20/17 5-6	SD-PCB-301 SDPCB3010607 10/20/17 6-7	SD-PCB-301 SDPCB3010708 10/20/17 7-8	SD-PCB-302 SDPCB3020405 10/20/18 4-5	SD-PCB-302 SDPCB3020506 10/20/18 5-6	SD-PCB-302 SDPCB3020607 10/20/18 6-7	SD-PCB-302 SDPCB3020708 10/20/18 7-8	SD-PCB-303 SDPCB3030405 10/20/18 4-5	SD-PCB-303 SDPCB3030506 10/20/18 5-6								
Analytical Method	Parameter	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Homologs (8270-SIM/680 Mod)	Monochlorobiphenyl	MG/KG	0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U	
	Dichlorobiphenyl	MG/KG	0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U	
	Trichlorobiphenyl	MG/KG	0.00012 U		0.00012 U		0.00012 U		0.0003		0.00012 U		0.00012 U		0.00012 U		0.00017	
	Tetrachlorobiphenyl	MG/KG	0.00021 U		0.00021 U		0.00021 U		0.000066		0.00021 U		0.00021 U		0.00021 U		0.00039 J	
	Pentachlorobiphenyl	MG/KG	0.00023 U		0.00023 U		0.00023 U		0.00034		0.00023 U		0.00023 U		0.00023 U		0.00021 J	
	Hexachlorobiphenyl	MG/KG	0.00021 U		0.00021 U		0.00021 U		8.4E-06		0.000012		0.00021 U		0.00021 U		0.00021 U	
	Heptachlorobiphenyl	MG/KG	0.00018 U		0.00018 U		0.00018 U		0.00074		0.00018 U		0.00018 U		0.00018 U		0.00018 U	
	Octachlorobiphenyl	MG/KG	0.00012 U		0.000035		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U	
	Nonachlorobiphenyl	MG/KG	0.000045 U		0.000045 U		0.000045 U		0.000028		0.000045 U		0.000045 U		0.000045 U		0.000045 U	
	Decachlorobiphenyl	MG/KG	0.000025 U		0.000037		0.000025 U		0.000025 U		0.000025 U		0.000025 U		0.000025 U		0.000025 U	
	Total PCBs	MG/KG	0.0015 U		0.0015 U		0.0015 U		0.0015		0.0015 U		0.0015 U		0.0015 U		0.00077 J	
Mercury (245.7)	Mercury	MG/KG	0.016		0.02		0.019		0.015		0.018		0.02		0.017		0.014	
160.3 600/4/79/020	Percent Solids	%	57.5		50.9		51.2		62.3		56.5		49.2		52		61.1	

**TABLE 3-1
ANALYTICAL RESULTS FOR 2017 SEDIMENT SAMPLES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

	Loc Name Field Sample ID Sample Date Sample Depth Interval (ft)	SD-PCB-303 SDPCB3030607 10/20/18 6-7	SD-PCB-303 SDPCB3030708 10/20/18 7-8	SD-PCB-304 SDPCB3040405 10/20/17 4-5	SD-PCB-304 SDPCB3040506 10/20/17 5-6	SD-PCB-304 SDPCB3040607 10/20/17 6-7	SD-PCB-304 SDPCB3040708 10/20/17 7-8	SD-PCB-400 SDPCB4000405 10/19/17 4-5	SD-PCB-400 SDPCB4000506 10/19/17 5-6	SD-PCB-400 SDPCB4000607 10/19/17 6-7									
Analytical Method	Parameter	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	
Homologs (8270-SIM/680 Mod)	Monochlorobiphenyl	MG/KG	0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U		
	Dichlorobiphenyl	MG/KG	0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		
	Trichlorobiphenyl	MG/KG	0.00012 U		0.00029		0.000036		0.0002		0.00063		0.00026		0.00012 U		0.00025		0.00012 U
	Tetrachlorobiphenyl	MG/KG	0.00021 U		0.00074		0.00021 U		0.00024 J		0.0011		0.0007		0.00013		0.00014		0.00021 U
	Pentachlorobiphenyl	MG/KG	0.00023 U		0.00033		0.00023 U		0.00015		0.00033		0.00019		0.00023 U		0.00023 U		0.00023 U
	Hexachlorobiphenyl	MG/KG	0.00021 U		0.00021 U		0.00021 U		8.2E-06		0.00021 U		0.00021 U		0.000009		0.00021 U		0.00021 U
	Heptachlorobiphenyl	MG/KG	0.00018 U		0.00018 U		0.00018 UJ		0.00018 U		0.00018 U		0.00018 U		0.00018 U		0.00018 U		0.00018 U
	Octachlorobiphenyl	MG/KG	0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U
	Nonachlorobiphenyl	MG/KG	0.000045 U		0.000045 U		0.000045 UJ		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U
	Decachlorobiphenyl	MG/KG	0.000025 U		0.000025 U		0.000025 U		0.000025 U		0.000025 U		0.000025 U		0.000025 U		0.000025 U		0.000025 U
	Total PCBs	MG/KG	0.0015 U		0.0014		0.000036 J		0.0006 J		0.0021		0.0011		0.00014		0.00039		0.0015 U
Mercury (245.7)	Mercury	MG/KG	0.018		0.015		0.013		0.014		0.016		0.017		0.016		0.018		0.018
160.3 600/4/79/020	Percent Solids	%	52.3		53.3		62		61.3		57.6		52.6		58.2		56.9		54.1

**TABLE 3-1
ANALYTICAL RESULTS FOR 2017 SEDIMENT SAMPLES**

**SEDIMENT REMEDIATION ENDPOINTS REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

	Loc Name Field Sample ID Sample Date Sample Depth Interval (ft)	SD-PCB-400 SDPCB4000708 10/19/17 7-8	SD-PCB-401 SDPCB4010405 10/19/17 4-5	SD-PCB-401 SDPCB4010506 10/19/17 5-6	SD-PCB-401 SDPCB4010607 10/19/17 6-7	SD-PCB-401 SDPCB4010708 10/19/17 7-8	SD-PCB-402 SDPCB4020405 10/19/17 4-5	SD-PCB-402 SDPCB4020506 10/19/17 5-6	SD-PCB-402 SDPCB4020607 10/19/17 6-7	SD-PCB-402 SDPCB4020708 10/19/17 7-8								
Analytical Method	Parameter	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Homologs (8270-SIM/680 Mod)	Monochlorobiphenyl	MG/KG	0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U	
	Dichlorobiphenyl	MG/KG	0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00012 U	
	Trichlorobiphenyl	MG/KG	0.000029		0.00013		0.00013		0.000043		0.00012 U		0.0003		0.00033		0.000058	
	Tetrachlorobiphenyl	MG/KG	0.00021 U		0.00017		0.000098		0.00021 U		0.00021 U		0.00091		0.00027		0.00022	
	Pentachlorobiphenyl	MG/KG	0.00023 U		0.00023 U		0.00023 U		0.00027		0.00023 U		0.00043		0.000089		0.00004	
	Hexachlorobiphenyl	MG/KG	0.00021 U		0.000018		0.00021 U		0.00021 U		0.00021 U		0.00015		0.00021 U		0.000092	
	Heptachlorobiphenyl	MG/KG	0.00046		0.00018 U		0.00018 U		0.00018 U		0.00018 U		0.00018 U		0.00018 U		0.00042	
	Octachlorobiphenyl	MG/KG	0.000087		0.00012 U		0.00012 U		0.00012 U		0.00012 U		0.00038		0.00012 U		0.00012 U	
	Nonachlorobiphenyl	MG/KG	0.0018		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.000045 U		0.00042	
	Decachlorobiphenyl	MG/KG	0.000025 U		0.000025 U		0.000025 U		0.000025 U		0.000025 U		0.000025 U		0.000025 U		0.000025 U	
	Total PCBs	MG/KG	0.0024		0.00032		0.00022		0.00032		0.0015 U		0.0022		0.00069		0.0012	
Mercury (245.7)	Mercury	MG/KG	0.017		0.02		0.019		0.019		0.019		0.017		0.02		0.021	
160.3 600/4/79/020	Percent Solids	%	55.4		59.1		55.4		51.2		52.4		59		55.5		52.3	

Addendum - Final Sediment Remediation Endpoints Report
Tidal Flats and Outfall 008
Stratford Army Engine Plant, Stratford, Connecticut

APPENDIX A

2017 SEDIMENT SAMPLE FIELD DATA RECORDS



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: <u>JKT</u>
Sub: TG&B	WO:	Crew: <u>TGB</u>
Date: <u>10.17.17</u>	Time: <u>13:00</u>	Vessel: <u>Coring Carolina</u>
Coordinates: Easting	Northing	<u>waypt. 1169</u>
Sampling Station: <u>SD-PCB-001</u>		

Weather/Conditions: <u>52° Sun</u>	Traffic: <u>—</u>	Water Temp: <u>—</u>
------------------------------------	-------------------	----------------------

Measured Water Depth (ft): <u>6.1 ft.</u>	Coring Notes: <u>Very soft easy to over pen.</u>
Core Liner tube length (ft): <u>3 ft.</u>	
Core Penetration (ft) <u>2.2 ft.</u> Core Recovery (ft): <u>2.1 ft.</u>	
Calculated Percent Recovery: <u>95%</u>	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	<u>SDPCB001001</u> <u>10/18/17@1045</u>	<u>SK 2.5/1, strong odor,</u> <u>Silty FN sand</u>	<u>0-0.2' TR med sand</u>
1-2'	<u>SDPCB0010102</u> <u>10/18/17@1100</u>	<u>Same as above.</u>	
3-4'	<u>2-2.15' not sampled</u>	<u>End of core 2.15'</u>	
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers: <u>—</u>	<u>2-16oz</u>	<u>—</u>	<u>—</u>	Equipment
Type of container: <u>40 ml VOA</u>	<u>Amber Jar</u>	<u>Plastic bag</u>	<u>other</u>	Sampler Type <u>Vibracore Push-Core w/ hammer</u>
				Capacity <u>2-5/8" ID Core Barrel</u>

Live Organisms present <input checked="" type="radio"/> Y <input type="radio"/> N Oil-Like Present <input checked="" type="radio"/> Y <input type="radio"/> N Odor Present <input checked="" type="radio"/> Y <input type="radio"/> N Debris Present <input type="radio"/> Y <input checked="" type="radio"/> N	Comments
Photo Numbers	

Aboard Vessel Information Recorded by (F. Last; date): <u>J. Tillery 10.17.17</u>	Checked By (F. Last; date):
Landside Information Recorded by (F. Last; date): <u>V. Casey, 10/18/17</u>	
Clarifying Information Recorded by (F. Last; date):	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: JGHB
Date: 10.17.17	Time: 13:10	Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____ waypt. 1171

Sampling Station: SD-PCB-DD2

Weather/Conditions: 52° sun Traffic: _____ Water Temp: _____

Measured Water Depth (ft): 5.8 ft.	Coring Notes:
Core Liner tube length (ft): 3 ft.	
Core Penetration (ft): 2.2 ft. Core Recovery (ft): 2.2 ft.	
Calculated Percent Recovery: 100%	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDPCB0020001	Strong odor, 5Y 2.5/4	TR shells ~0'-1'
10/18/17 @ 1145		Silty FNSand	
1-2'	SDPCB0020102	Same as above w/ shells	NO. 1.5" stick
10/18/17 @ 1200			
2-2.3'	not sampled	End of core at 2.3'	
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers:	—	2-16oz	—	—	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type: Vibracore Push-Core w/ hammer Capacity: 2-5/8" ID Core Barrel

Live Organisms present: Y (N) Oil-Like Present: (X) N Odor Present: (Y) N Debris Present: (M) (X)	Comments Very Strong stick
Photo Numbers	

Aboard Vessel Information Recorded by (F. Last, date): J. J. J. 10.17.17	Checked By (F. Last, date):
Landside Information Recorded by (F. Last, date): K. Casey, 10/18/17	
Clarifying Information Recorded by (F. Last, date):	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TG+B
Date: 10.17.17	Time: 13:27	Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____ way pt 1174

Sampling Station: SD-PCB-003

Weather/Conditions: 52° sun Traffic: _____ Water Temp: _____

Measured Water Depth (ft): 5.3 ft.	Coring Notes:
Core Liner tube length (ft): 3 ft.	
Core Penetration (ft) 2.2 ft. Core Recovery (ft): 1.9 ft.	
Calculated Percent Recovery: 86%	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDPCB003001 10/18/17@ 1335	Moderate odor, 5Y 2.5/1 silty FN sand	0.5' - 0.85' TR shells 5Y 3/1 mottled
1-2'	SDPCB003010 10/18/17@ 1345	Same as above ~1.8' - 1.9' TR clay	
3-4'		End of core at 1.93'	
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers: 1	2-16oz	Equipment	Sampler Type: Vibracore / Push-Core w/ hammer
Type of container: 40 ml VOA	Amber Jar	Capacity: 2-5/8" ID Core Barrels	

Live Organisms present	Y	N	Shell organisms
Oil-Like Present	Y	N	
Odor Present	Y	N	
Debris Present	Y	N	
Photo Numbers			

Aboard Vessel Information Recorded by (F. Last, date): J. Tillery, 10.17.17	Checked By (F. Last, date):
Landside Information Recorded by (F. Last, date): K. Casey, 10/18/17	
Clarifying Information Recorded by (F. Last, date):	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: <u>JKT</u>
Sub: TG&B	WO:	Crew: <u>TG+13</u>
Date: <u>10.18.17</u>	Time: <u>14:15</u>	Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____ WP: 1190

Sampling Station: SD-PCB-004

Weather/Conditions: 70° Sun lt wind Traffic: _____ Water Temp: _____

Measured Water Depth (ft): <u>4.5 ft.</u>	Coring Notes: <u>soft material easy push</u>
Core Liner tube length (ft): <u>3 ft.</u>	
Core Penetration (ft): <u>2 ft.</u> Core Recovery (ft): <u>2 ft.</u>	
Calculated Percent Recovery: <u>100%</u>	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1' <u>SDPCB0040001</u> <u>0'-1'</u>		<u>0.0'-0.2': VERY SOFT, SILT w/ TRACE FINE SAND, OIL-LIKE PRESENT</u> <u>SY 2.5/2, ODR PRESENT, NON-COH</u> <u>0.2'-0.3': FINE SAND, STRONG ODR, NON-COH, SY 2.5/1</u> <u>0.3'-0.65': SILT w/ TRACE CLAY & SAND, V. SOFT, STRONG OIL-LIKE</u>	<u>OIL-LIKE PRESENT (SY 2.5/1)</u>
1-2' <u>SDPCB0040102</u> <u>1'-2'</u>		<u>0.65'-0.75': CL. SAND w/ SHELL FRAG. STRONG ODR, (SY 2.5/1)</u> <u>0.75'-1.4': SILT w/ TRACE CLAY, MOD. OIL-LIKE SUBST, STRONG ODR, (SY 2.5/2)</u>	
3-4'		<u>1.4'-1.7': SILT w/ TRACE CLAY, F. SAND, NON-COH, STRONG ODR, (10 YR 2/1)</u> <u>1.7'-2.0': V. SOFT, SILT w/ TRACE CLAY, MOD. OIL-LIKE PRESENT (10 YR 2/1)</u>	
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers:	—	<u>2-16oz</u>	—	—	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type <u>Vibracore</u> <u>Push-Core w/ hammer</u> Capacity <u>2-5/8" ID Core Barrel</u>

Live Organisms present	Y (N)	Comments
Oil-Like Present	Y (N)	
Odor Present	Y (N)	
Debris Present	Y (N)	

Photo Numbers _____

Aboard Vessel Information Recorded by (F. Last, date): <u>J. Tillery 10.18.17</u>	Checked By (F. Last, date): _____
Landside Information Recorded by (F. Last, date): <u>A. Kim 10.20.17</u>	
Clarifying Information Recorded by (F. Last, date): <u>K. Casey, 10/20/17</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TGB
Date: 10.18.17	Time: 14:27	Vessel: Coring Carolina
Coordinates: Easting	Northing	WA: 1191
Sampling Station: SD-PCB-005		

Weather/Conditions: 70° Sun	Traffic:	Water Temp:
Measured Water Depth (ft): 4.3 ft.	Coring Notes: soft material easy push	
Core Liner tube length (ft): 3 ft.		
Core Penetration (ft) 2 ft. Core Recovery (ft): 2 ft.		
Calculated Percent Recovery: 100%		

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDPCB0050001	0'-0.4' - 5/2.5/1, TR oil, silty, odor noncoh/nonplas	TR fine sand, TR root SOFT
0'-1' 4MS/MSD		0.4'-0.9' - 5/2.5/1, silt, some fine + coarse sand	fine
1-2'	SDPCB0050102	0.9' - TR shell, TR mica, abundant oil, odor, clay	grass, clam
1'-2'		↓ clay, some silt, TR mica	
3-4'		2' TR oil, stiff, coh/nonplas	5/2.5/1, odor
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers:	42-16oz	Equipment	Sampler Type: Vibracore Push-Core w/ hammer
Type of container:	40 ml VOA Amber Jar Plastic bag other	Capacity:	2-5/8" ID Core Barrel

Live Organisms present Y N Oil-Like Present Y N Odor Present Y N Debris Present Y N	Comments
Photo Numbers	

Aboard Vessel Information Recorded by (F. Last, date): J. Tiller 10.18.17	Checked By (F. Last, date):
Landside Information Recorded by (F. Last, date): J. Tiller 10.18.17	
Clarifying Information Recorded by (F. Last, date): L. Casey 10/20/17	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT	
Sub: TG&B	WO:	Crew: TGV3	
Date: 10.18.17	Time: 14:38	Vessel: Coring Carolina	
Coordinates: Easting	Northing	WP: 1193	
Sampling Station: SD-PCB-006			
Weather/Conditions: 70° Sun		Traffic: — Water Temp: —	
Measured Water Depth (ft): 4.3 ft.	Coring Notes: moved off location ~ 15 ft. due to solid, rocky material could not penetrate w/ probe		
Core Liner tube length (ft): 3 ft.			
Core Penetration (ft): 2 ft. Core Recovery (ft): 1.9 ft.			
Calculated Percent Recovery: 95%			
Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDPCB0060001	0'-0.5' 5Y2.5/1 - silty, soft, noncoh/nonplas, coarse sand + gravel, TR oil	
0'-0.95'		0.5'-1.0' 5Y2.5/1 abundant oil, silty clay TR shell, coh/nonplas, soft	TR shell
1-2'	SDPCB0060102	0.95'-1.90' L&DUP 1.0'-1.9' 5Y2.5/1 med stiff, clay w/ silt + fine sand	
3-4'		coh/nonplas	
4-5'			
5-6'			
6-7'			
7-8'			
Number of containers: —	3-16oz	—	Equipment
Type of container: 40 ml VOA	Amber Jar	Plastic bag	Sampler Type: Vibracore, Push-Core w/ hammer
		other	Capacity: 2-5/8" ID Core Barrel
Live Organisms present	Y N	Comments	
Oil-Like Present	Y N		
Odor Present	Y N		
Debris Present	Y N		
Photo Numbers			
Aboard Vessel Information Recorded by (F. Last, date): J. Tiller 10.18.17			Checked By (F. Last, date):
Landside Information Recorded by (F. Last, date): J. Tiller 10.20.17			
Clarifying Information Recorded by (F. Last, date):			



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TGB
Date: 10.18.17	Time: 14:48	Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____ WP: 1194

Sampling Station: SD-PCB-007

Weather/Conditions: 70° sun Traffic: _____ Water Temp: _____

Measured Water Depth (ft): 3.3 ft.	Coring Notes: Soft material pushed through first 1ft. then hard resistance but pushed through to full 2 ft.
Core Liner tube length (ft): 3 ft.	
Core Penetration (ft): 2 ft. Core Recovery (ft): 1.6 ft.	
Calculated Percent Recovery: 80%	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1' 0 - 0.80' LDUP	SDPCB0070001	0.0' - 0.3': SILT W/TRACE SAND, MODERATE OIL-LIKE PRESENT, TRACE ODOR, 5/4 2.5/1, VERY SOFT NON COH 0.3' - 0.8': COMP. SAND, TRACE ODOR, SMALL FRAGMENTS, TRACE GRAVEL 10/4 2/1	
1-2' 0.80' - 1.60'	SDPCB0070102	0.8' - 1.25': VERY SOFT, SILT W/TRACE COPPER & FINE SAND, TRACE ODOR, 10/4 2/1, MODERATE OIL-LIKE PRESENT 1.25' - 1.60': NON-COH, MODERATE FLAKES OF MILK, 5/4 2.5/1	
3-4'		1.60' END OF CORE	
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers: —	3-16oz	—	—	Equipment
Type of container: 40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type: Vibracore (Push-Core w/ hammer) Capacity: 2-5/8" ID Core Barrel

Live Organisms present: Y (N) Oil-Like Present: (Y) N Odor Present: (Y) N Debris Present: Y (N)	Comments <div style="border: 1px solid black; height: 100px; width: 100%;"></div>
Photo Numbers	

Aboard Vessel Information Recorded by (F. Last; date): J. Tillery 10.18.17	Checked By (F. Last; date):
Landside Information Recorded by (F. Last; date): L. Baumgardner 10/20/17	
Clarifying Information Recorded by (F. Last; date): L. Casey 10/20/17	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: <u>JKT</u>
Sub: TG&B	WO:	Crew: <u>TGB</u>
Date: <u>10.18.17</u>	Time: <u>15:00</u>	Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____ wp: 1196

Sampling Station: SD-PCB-008

Weather/Conditions: 70° Sun Traffic: _____ Water Temp: _____

Measured Water Depth (ft): 2.8 ft.

Core Liner tube length (ft): 3 ft.

Core Penetration (ft): 2 ft. Core Recovery (ft): 1.9 ft

Calculated Percent Recovery: 95%

Coring Notes: ~30 ft off location on riprap/mat + 008. pushed *hard* w/ in. then hammered to 2'

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDPCB0080001 <u>0' - 1.5 1' → DUP</u>	0'-0.4' 5Y2.5/1 soft silt; 1/4 fine + coarse sand TR clay coh/non plas	
1-2'	SDPCB0080102 <u>1' - 1.5 2'</u>	0.4'-1.0' 0.4'-1.0' 5Y2.5/1 stiff clay w/ silt + sand med stiff, silt abundant sand TR clay	
3-4'		1.0'-1.7' very stiff, silt w/ fine sand coh/some plas TR clay coh/non plas	
4-5'		1.7'-2.0' hard same fine sand compacted 10YR 4/1	
5-6'		non coh/non plas → @ 0.13 worm	
6-7'		TR fine mica throughout	
7-8'		mild odor	

Number of containers: <u>—</u>	<u>3-16oz</u>	Equipment
Type of container: 40 ml VOA	Amber Jar Plastic bag other	Sampler Type <u>Vibracore</u> <u>Push-Core w/ hammer</u>
		Capacity <u>2-5/8" ID Core Barrel</u>

Live Organisms present <u>Y</u> <u>N</u> Oil-Like Present <u>Y</u> <u>N</u> Odor Present <u>Y</u> <u>N</u> Debris Present <u>Y</u> <u>N</u>	Comments
Photo Numbers 	

Aboard Vessel Information Recorded by (F. Last, date): <u>J. Tillery 10.18.17</u>	Checked By (F. Last, date): _____
Landside Information Recorded by (F. Last, date): <u>J. Tillery 10.20.17</u>	
Clarifying Information Recorded by (F. Last, date): <u>V. Casey 10/22/17</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TGB
Date: 10.18.17	Time: 15:22	Vessel: Coring Carolina

Coordinates: Easting	Northing	wp: 1200 jkt
Sampling Station: SD-PCB-DD9		wp: 1201

Weather/Conditions: 70° sun Traffic: _____ Water Temp: _____

Measured Water Depth (ft): 2.9 ft.	Coring Notes: moved off location ~20ft. due to riprap/mat *resistance @ 2 in. hammered to 2 ft.
Core Liner tube length (ft): 3 ft.	
Core Penetration (ft): 2 ft. Core Recovery (ft): 1.6 ft.	
Calculated Percent Recovery: 80%	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1' SDPCB0090001 0'-0.80'	SDUP	0-0.2 very soft, oily, silt w/ fine + coarse sand 5y2.5 TR mica + TR small gravel	non play
1-2' SDPCB0090102 0.80-1.60		0.2-0.7 soft, silt w/ fine + coarse sand 10YR 2/1 0.7-1.3 med. stiff 5y2.5/1, clay/silt 1.3-1.6 5y3/1 stiff	with clay TR shell sand shells
3-4'		silt w/ clay + fines sand odor	con / non play
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers: -	3-16oz -	-	Equipment
Type of container: 40 ml VOA	Amber Jar	Plastic bag	Sampler Type: Vibracore <u>Push-Core w/ Hammer</u>
		other	Capacity: 2-5/8" ID Core Barrel

Live Organisms present: Y <input checked="" type="checkbox"/> Oil-Like Present: <input checked="" type="checkbox"/> N Odor Present: <input checked="" type="checkbox"/> N Debris Present: Y <input checked="" type="checkbox"/>	Comments
Photo Numbers	

Aboard Vessel Information Recorded by (F. Last; date): J. Tillery 10.18.17	Checked By (F. Last; date):
Landside Information Recorded by (F. Last; date): J. Tillery 10.21.17	
Clarifying Information Recorded by (F. Last; date): L. Casey 10/22/17	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TG&B
Date: 10.18.17	Time: 15:45	Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____ wp: 1204

Sampling Station: SD-PCB-010

Weather/Conditions: 70° sun Traffic: _____ Water Temp: _____

Measured Water Depth (ft): 4.8 ft.	Coring Notes: soft, mushy easy push
Core Liner tube length (ft): 3 ft.	
Core Penetration (ft): 2 ft. Core Recovery (ft): 1.9	
Calculated Percent Recovery: 95%	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0'-1'	SDPCB0100001	0-0.5/5x3/2 very soft silt w/ TR fine sand TR clay, odor, oily	coh / non clay
1'-2'	SDPCB0100002	0.5-1.5/5x2.5/1 odor soft, silty clay, oily	coh, mild plas
2-3'		1.5-2.0 med. stiff silty clay odor	
		2.5/1 oily coh/plas	TR shell
3-4'			
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers: -	3-16oz	-	-	Equipment
Type of container: 40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type: <u>Vibracore</u> Push-Core w/ hammer
				Capacity: <u>2-5/8" ID Core Barrel</u>

Live Organisms present	Y (N)
Oil-Like Present	(Y) N
Odor Present	(Y) N
Debris Present	Y (N)

Photo Numbers

Comments

Aboard Vessel Information Recorded by (F. Last; date): J. Tillery 10.18.17	Checked By (F. Last; date)
Landside Information Recorded by (F. Last; date): J. Tillery 10.21.17	
Clarifying Information Recorded by (F. Last; date): V. Casey, 10/21/17	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TG+B
Date: 10.18.17	Time: 15:53	Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____

Sampling Station: SD-PCB-011

Weather/Conditions: 70° sun Traffic: _____ Water Temp: _____

Measured Water Depth (ft): 3.7 ft.	Coring Notes: Very soft quick easy push to 2'
Core Liner tube length (ft): 3 ft.	
Core Penetration (ft): 2 ft Core Recovery (ft): 2 ft	
Calculated Percent Recovery: 100% 70% gwt	

Interval	Sample ID	Description (Core, Core Type, etc.)	Notes
0-1'	SDPCB0110001	0-0.5' 2.5y 4/1, very soft, silty, Tricky to sand odor	
0'-1'	MS/MSD	0.5-1.0' 2.5y 3/1, soft, silty clay odor, coh/nonplus	oil
1-2'	SDPCB0110102	1.0-2.0' 2.5y/2.5/1, soft-med stiff, oily	
2-3'		Silty clay firm, odor, abundant shells @ 1.2'-1.5'	
3-4'			
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers: 4-16oz	Equipment
Type of container: 40 ml VOA Amber Jar Plastic bag other	Sampler Type: Vibracore Push-Core w/ hammer
	Capacity: 2-5/8" ID Core Barrel

Live Organisms present: Y (N)	Comments
Oil-Like Present: Y (N)	
Odor Present: Y (N)	
Debris Present: Y (N)	
Photo Numbers	

Aboard Vessel Information Recorded by (F. Last, date): J. Tillery 10.18.17	Checked By (F. Last, date)
Landside Information Recorded by (F. Last, date): J. Tillery 10.21.17	
Clarifying Information Recorded by (F. Last, date): L. Casey, 10/22/2017	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: <u>JKT</u>
Sub: TG&B	WO:	Crew: <u>TG&B</u>
Date: <u>10.18.17</u>	Time: <u>16:00</u>	Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____

Sampling Station: SD-PCB-012

Weather/Conditions: 70° sun Traffic: _____ Water Temp: _____

Measured Water Depth (ft): <u>3.6 ft.</u>	Coring Notes: <u>soft</u>
Core Liner tube length (ft): <u>3 ft.</u>	
Core Penetration (ft): <u>2 ft.</u> Core Recovery (ft): <u>1.9 ft.</u>	
Calculated Percent Recovery: <u>95 to 100% jkt</u>	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0'-1' <u>SD PCB 012 00 01</u> <u>0'-1'</u>		<u>0-0.1 sy 4/1 very soft, oily, silty</u> <u>0.1-0.5 sy 2.5/1, soft, oily, clay/silt</u>	<u>TR fine sand + clay</u> <u>col/non plas odor</u>
1'-2' <u>SD PCB 012 01 02</u> <u>1'-2'</u>		<u>0.5-1.1 med stiff clay/silt, odor</u> <u>1.1-2.0 stiff, clay/silt, odor</u>	<u>TR fine sand + clay</u> <u>col/wild plas</u>
3'-4'		<u>TR shells</u>	<u>plas</u>
4'-5'			
5'-6'			
6'-7'			
7'-8'			

Number of containers: <u>—</u>	<u>2-32oz</u>	<u>—</u>	<u>—</u>	Equipment
Type of container: 40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type <u>Abcore</u> Push-Core w/ Hammer
				Capacity <u>2-5/8" ID Core Barrel</u>

Live Organisms present <u>Y</u> <u>(N)</u> Oil-Like Present <u>(N)</u> <u>N</u> Odor Present <u>(N)</u> <u>N</u> Debris Present <u>Y</u> <u>(N)</u>	Comments
Photo Numbers	

Aboard Vessel Information Recorded by (F. Last, date): <u>J. Tillery 10.18.17</u>	Checked By (F. Last, date): _____
Landside Information Recorded by (F. Last, date): <u>J. Tillery 10.21.17</u>	
Clarifying Information Recorded by (F. Last, date): <u>K. Casey 10/22/17</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: <u>JKT</u>
Sub: TG&B	WO:	Crew: <u>TGB</u>
Date: <u>10.19.17</u>	Time: <u>0820</u>	Vessel: <u>Coring Carolina</u>

Coordinates: Easting _____ Northing _____ wp: 1209

Sampling Station: SD-PCB-013

Weather/Conditions: sun 59° Traffic: _____ Water Temp: _____

Measured Water Depth (ft): <u>4.4</u>	Coring Notes:
Core Liner tube length (ft): <u>3. ft</u>	
Core Penetration (ft) <u>2 ft</u> Core Recovery (ft): <u>2 ft</u>	
Calculated Percent Recovery: <u>100%</u>	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1' <u>SD PCB 0130001</u> <u>0-1'</u>	<u>01</u>	<u>0-0.5' 5y 2.5/1, odor, silt w/ fine sand, coh/non plas, soft</u> <u>0.5-0.7' clam + oyster shell @ 0.5-0.6' - oily</u> <u>5y 4/1, odor, silty clay w/ TR fine sand, med st.</u>	<u>FF</u> <u>coh</u> <u>non</u> <u>plas</u>
1-2' <u>SD PCB 0130102</u> <u>1'-2'</u>	<u>02</u>	<u>0.7-1.5' stiff oily odor, clay w/ TR silt + fine</u> <u>sand, coh/med plas 5y 2.5/1</u> <u>1.5-2.0' hard, oily, odor, 5y 2.5/1</u>	
2-3'		<u>stiff silty clay w/ TR mica</u> <u>+ TR fine sand</u>	
3-4'			
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers:	<u>—</u>	<u>2-3</u>	<u>—</u>	<u>—</u>	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type <u>Vibracore</u> <u>Push-Core w/ hammer</u> Capacity <u>2-5/8" ID Core Barrel</u>

Live Organisms present	Y	N	Comments
Oil-Like Present	Y	N	
Odor Present	Y	N	
Debris Present	Y	N	
Photo Numbers			

Aboard Vessel Information Recorded by (F. Last; date): <u>J. Tillery 10.19.17</u>	Checked By (F. Last; date)
Landside Information Recorded by (F. Last; date): <u>J. Tillery 10.21.17</u>	
Clarifying Information Recorded by (F. Last; date): <u>K. Casey 10/21/17</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TGB
Date: 10.19.17	Time: 0832	Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____ WP: 1211

Sampling Station: SD-PCB-014

Weather/Conditions: 59° sun Traffic: _____ Water Temp: _____

Measured Water Depth (ft): 3.9 ft	Coring Notes:
Core Liner tube length (ft): 2 ft 3	
Core Penetration (ft): 2 ft. Core Recovery (ft): 1.9 ft.	
Calculated Percent Recovery: 95%	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1' 0' - 0.95'	SDPCB0140001	0-1.0' 5Y 2.5/1, oily, silty clay fine sand, coh. odor clam @ 0.4' + TR shell frags, med. stiff TAR-like	coh. odor med. stiff silt fine sand
1-2' 0.95' - 1.90'	SDPCB0140102	1.0-1.2' 5Y 3/1 + 4/1 striations, med. stiff, same clay oily odor 1.2-2.0' 5Y 2.5/1, oily odor TAR-like	med. stiff, same clay silty, coh/nonpl w/ TR fine sand
2-3'			
3-4'			
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers: —	2-32oz	—	—	Equipment
Type of container: 40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type: Vibrocore, Push-Core w/ hammer Capacity: 2-5/8" ID Core Barrel

Live Organisms present	Y N	Comments
Oil-Like Present	Y N	
Odor Present	Y N	
Debris Present	Y N	
Photo Numbers		

Aboard Vessel Information Recorded by (F. Last; date): J. Tillery 10.19.17	Checked By (F. Last; date)
Landside Information Recorded by (F. Last; date): J. Tillery 10.21.17	
Clarifying Information Recorded by (F. Last; date): Lucasey 10/24/17	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TG+B
Date: 10.17.17	Time: 10:20	Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____ Waypt. 1148

Sampling Station: SD-PCB-101

Weather/Conditions: 46° Sun 10 mph Traffic: — Water Temp: —

Measured Water Depth (ft): 6 ft	Coring Notes:
Core Liner tube length (ft): 3 ft	
Core Penetration (ft): 2 ft Core Recovery (ft): 1.9 ft	
Calculated Percent Recovery: 96%	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDPCB1010001	0'-0.35' silty FN sand, 5Y 2.5/1	
	10/18/17@1430	0.35'-0.45' interbedded transition zone	
		0.45'-0.65' coarse sand, TR shells	
1-2'	SDPCB1010102	0.65'-1.2' silty FN sand, oil-like, 5Y 2.5/1	wood chunk
	10/18/17@1445	1.2'-1.95' silty FN sand, TR clay, 5Y 3/2	string of odor
4-5'		End of core 1.95'	
5-6'			
6-7'			
7-8'			

Number of containers: —	2-16oz —	—	Equipment
Type of container: 40 ml VOA	Amber Jar	Plastic bag	Sampler Type: Vibracore (Push-Core w/ hammer)
		other	Capacity: 2-5/8" ID Core Barrel

Live Organisms present: (Y) N Oil-Like Present: (Y) N Odor Present: (Y) N Debris Present: (Y) N	Comments KMC
Photo Numbers	

Aboard Vessel Information Recorded by (F. Last, date): J. Tilley 10/17/17	Checked By (F. Last, date):
Landside Information Recorded by (F. Last, date): K. Casey 10/18/17	
Clarifying Information Recorded by (F. Last, date):	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TG&B
Date: 10.17.17	Time: 10:37	Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____ waypoint 1150

Sampling Station: SD-PCB-103

Weather/Conditions: 48° sun 6 mph W Traffic: — Water Temp: —

Measured Water Depth (ft): 6.3 ft.	Coring Notes:
Core Liner tube length (ft): 3 ft.	
Core Penetration (ft): 2 ft. Core Recovery (ft): 1.9 ft.	
Calculated Percent Recovery: 96%	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDPCB1030001	0'-0.85' silty FN sand, wormy, SY 2.5/1, med odor	Clams color
10/18/17 @ 1615		0.85'-1' coarse sand, Oil-Like, SY 2.5/1, med	
1-2'	SDPCB1030102	1'-2' clay, some silt w/ FN sand, SY 2.5/2	decrease w/ depth
10/18/17 @ 1625			
3-4'		End of core at 2'	
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers:	—	2-16oz	—	—	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type Vibracore Push-Core w/ hammer Capacity 2-5/8" ID Core Barrel

Live Organisms present <input checked="" type="radio"/> Y <input type="radio"/> N Oil-Like Present <input checked="" type="radio"/> Y <input type="radio"/> N Odor Present <input checked="" type="radio"/> Y <input type="radio"/> N Debris Present <input checked="" type="radio"/> Y <input type="radio"/> N	Comments
Photo Numbers	

Aboard Vessel Information Recorded by (F. Last; date): J. Tillery 10.17.17	Checked By (F. Last; date):
Landside Information Recorded by (F. Last; date): K. Casey 10/18/17	
Clarifying Information Recorded by (F. Last; date):	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Sub: TG&B Date: 10.17.17	Project No.: 3616176064 WO: Time: 09:29	Logger: JKT Crew: TG+B Vessel: Coring Carolina	
Coordinates: Easting _____ Northing _____		waypt. 1140	
Sampling Station: SD-PCB-104 (#2)			
Weather/Conditions: 45° sun 10 mph N		Traffic: — Water Temp: —	
Measured Water Depth (ft): 5.25 ft.		Coring Notes: #2. 1st attempt fell out	
Core Liner tube length (ft): 3 ft.			
Core Penetration (ft) 2 ft. Core Recovery (ft): 1.9 ft.			
Calculated Percent Recovery: 94%			
Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDPCB1040001	0'-0.3' Moderate Shells, FN sand w/silt, 5Y 2.5/1	
1-2'	10/18/17 @ 1655	0.3'-0.7' Coarse Sand, some shells, TR oil-like 5Y 3/1	
		0.7'-1' Oil-like, silty w/some FN sand moderate odor, 5Y 2.5/1	
2-3'	SDPCB1040102	1'-2' Clay, TR silt, 5Y 2.5/2	
3-4'	10/18/17 @ 1705	~1.6' TR shell fragments	
4-5'		End of Core at 2'	
5-6'			
6-7'			
7-8'			
Number of containers: —		Equipment Sampler Type: Vibracore (Push-Core w/hammer)	
Type of container: 40 ml VOA		Capacity: 2-5/8" ID Core Barrel	
Live Organisms present: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		Comments	
Oil-Like Present: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N			
Odor Present: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N			
Debris Present: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N			
Photo Numbers			
Aboard Vessel Information Recorded by (F. Last, date): J. Tillery, 10.17.17			Checked By (F. Last, date):
Landside Information Recorded by (F. Last, date): K. Casey, 10/18/17			
Clarifying Information Recorded by (F. Last, date):			



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TG+B
Date: 10.17.17	Time: 09:38	Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____ waypt. 1142

Sampling Station: SD-PCB-105

Weather/Conditions: 45° Sun N10 mph Traffic: _____ Water Temp: _____

Measured Water Depth (ft): 5.5 ft.	Coring Notes:
Core Liner tube length (ft): 3 ft.	
Core Penetration (ft): 2 ft. Core Recovery (ft): 1.8 ft.	
Calculated Percent Recovery: 92%	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDPCB1050001	0'-0.25' silt w/ FN sand, SY 2.5/2, TR Oil-like	Clam
1-2'	10/18/17@ 1735	0.25'-0.45' silt w/ TR clay, SY 2.5/2, TR Wood Chunk	
		0.45'-0.55' silt w/ TR clay, SY 4/1	
1-2'	SDPCB1050102	0.55'-1.15' silt w/ TR clay, moderately oil-like	Clam, Some shell fragments, Moderate odor
1-2'	10/18/17@ 1740	1.15'-1.85' clay w/ some silt, SY 3/2	
4-5'		End of core at 1.85'	
5-6'			
6-7'			
7-8'			

Number of containers: _____	2-16oz	_____	_____	Equipment
Type of container: 40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type: Vibracore, Push-Core w/ hammer
				Capacity: 2-5/8" ID Core Barrel

Live Organisms present <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Oil-Like Present <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Odor Present <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Debris Present <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Clam Comments
Photo Numbers	

Aboard Vessel Information Recorded by (F. Last, date): J. Tillery 10.17.17	Checked By (F. Last, date): _____
Landside Information Recorded by (F. Last, date): K. Casey 10/18/17	
Clarifying Information Recorded by (F. Last, date): _____	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TG+VB
Date: 10.17.17	Time: 09:48	Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____ waypt. 1143

Sampling Station: SD-PCB-106

Weather/Conditions: 46° sun 10 mph N Traffic: _____ Water Temp: _____

Measured Water Depth (ft): 5.8 ft.	Coring Notes:
Core Liner tube length (ft): 3 ft.	
Core Penetration (ft): 2.1 ft. Core Recovery (ft): 2. ft	
Calculated Percent Recovery: 97%	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDPCB1060001 @ 1845	0'-1.02' silt w/TRFN sand, some wood debris, SY 2.5/1, strong odor, ABNT oil-like	
	SDPCB1060001MS		
	SDPCB1060001MSD	1.02'-2.1' coarse sand w/TR gravel, SY 2.5/1, strong odor, ABNT oil-like	
	SDPCB1060102 @ 1855	2.1'-2.1' clay, TR silt, (1.3' clam), SY 3/2	
4-5'		End of core at 2.1'	
5-6'			
6-7'			
7-8'			

10/18/17

Number of containers:	-	4-16oz	-	-	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type: Vibracore Push-Core w/ hammer Capacity: (2-5/8" ID Core Barrel)

Live Organisms present <input checked="" type="radio"/> Y <input type="radio"/> N Oil-Like Present <input checked="" type="radio"/> Y <input type="radio"/> N Odor Present <input checked="" type="radio"/> Y <input type="radio"/> N Debris Present <input checked="" type="radio"/> Y <input type="radio"/> N	Comments
Photo Numbers 	

Aboard Vessel Information Recorded by (F. Last, date): J. Tillery 10.17.17	Checked By (F. Last, date):
Landside Information Recorded by (F. Last, date): K. Casey 10/18/17	
Clarifying Information Recorded by (F. Last, date):	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TG+B
Date: 10.17.17	Time: 08:10	Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____ waypt. 1130

Sampling Station: SD-PCB-107

Weather/Conditions: 37° sun NNW 10mph Traffic: — Water Temp: —

Measured Water Depth (ft): 3.4 ft.	Coring Notes:
Core Liner tube length (ft): 3 ft.	
Core Penetration (ft) 2 ft. Core Recovery (ft): 1.8 ft.	
Calculated Percent Recovery: 92%	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1' 0.0-0.9'	SDPCB1070001 @ 1800	0.0ft - 0.25" soft silt w/ trace f. sand oil-like 0.25" - 0.45" silt w/ trace fine sand; trace oil-like silt 2.5/2 - soft	CLAMS @ 0.2ft SMALL FINE SAND LAYERS @ 0.2ft SOME WOOD @ 0.35'
1-2' 0.9-1.9'	SDPCB1070102 @ 1810	0.45" - 0.6": 3mm BANDS 2.5/2 SILT W/ TRACE CLAY, 3mm S&G 2.5/2 OIL-LIKE SILT W/ TRACE CLAY, 1mm ALTERNATING BANDS OF SAME MATERIAL 10/2 4/1 SILT & S&G 2.5/2 OIL-LIKE	MODERATE
3-4'		SILT 0.6" - 0.9": SILT W/ TRACE FINE SAND, OIL-LIKE TRACE PRESENT, S&G 2.5/2, SOFT	MODERATE
4-5'		0.9" - 1.1": TRACE OIL-LIKE SILT W/ TRACE FINE SAND / 1FT SHELL FRAGMENTS 1.1" - 1.4": SILT W/ TRACE CLAY LOW PLASTICITY; MIDDLING OF OIL-LIKE IN TO TRACE VEGETATION & SHELL FRAGMENTS, S&G 3/2 LAYER @ 1.1-1.2 1.4" - 1.55": SAME MATERIAL AS ABOVE W/ MODERATE VEGETATION 1.55" - 1.9": SILT W/ TRACE CLAY, LOW PLASTICITY MOD. STIFF, LARGE SHELL FRAGMENT @ 1.7' S&G 3/2	
5-6'		2.9' - end of CORE	
6-7'			
7-8'			

Number of containers: —	2-16oz —	Equipment	Sampler Type Vibracore (Push-Core) W/hammer
Type of container: 40 ml VOA	Amber Jar Plastic bag other	Capacity	2-5/8" ID Core Barrel

Live Organisms present	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Comments when opened
Oil-Like Present	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Odor Present	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Debris Present	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Photo Numbers		

Aboard Vessel Information Recorded by (F. Last; date): J. Tillery 10.17.17	Checked By (F. Last; date)
Landside Information Recorded by (F. Last; date): B. Casey 10/19/17	L. Bellina 10/19/17
Clarifying Information Recorded by (F. Last; date): B. Casey 10/19/17	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TG+B
Date: 10.17.17	Time: 08:32	Vessel: Coring Carolina

Coordinates: Easting _____ Northing Waypt. 1131

Sampling Station: SD-PCB-108

Weather/Conditions: 37° sun. NNW 6mph Traffic: _____ Water Temp: _____

Measured Water Depth (ft): <u>4.1 ft.</u>	Coring Notes: <u>odor.</u>
Core Liner tube length (ft): <u>3 ft.</u>	
Core Penetration (ft) <u>2 ft.</u> Core Recovery (ft): <u>1.9 ft.</u>	
Calculated Percent Recovery: <u>94%</u>	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
<u>0-0.1</u>	<u>OP38</u>	<u>0.0-0.2: SILT w/ TRACE FINE SAND, V. SOFT, OIL-LIKE (MODERATE)</u>	
<u>0.1-0.4</u>	<u>OP38</u>	<u>0.1-0.4: SOFT, COHESIVE, SILTY FINE SAND, 10/2/1, NON-COHESIVE</u>	
<u>0.4-0.6</u>	<u>OP42</u>	<u>0.4-0.6: SILTY CLAY, TR. FINE - COARSE SAND CONG. / NON-PLAS</u>	
<u>0.6-0.94</u>	<u>OP42</u>	<u>0.6-0.94: 10/2 4/1, MED. STIFF, TRACE COARSE SMOUL FRAGS. (OYSTERS), ODOR PRESENT</u>	
<u>0.94-1.9</u>	<u>OP42</u>	<u>0.94-1.9: 5/8 3/1, TRACE COARSE SMOUL FRAGS, FINE CLAY & PLASTIC CLAY w/ SILT, TRACE FINE SAND & MICA, ODOR, VERY STIFF</u>	
<u>1.9</u>	<u>SDPCB1080001</u>	<u>1.9' END OF CORE</u>	
<u>5-6</u>	<u>SDPCB1080102</u>		
<u>6-7</u>			
<u>7-8</u>			

Number of containers: _____	Type of container: <u>40 ml VOA</u>	Sampler Type: <u>2-16oz Amber Jar</u>	Equipment: <u>Push-Core w/ hammer</u>
			Capacity: <u>2-5/8" ID Core Barrel</u>

Live Organisms present: <u>Y</u> <u>N</u> Oil-Like Present: <u>Y</u> <u>N</u> Odor Present: <u>Y</u> <u>N</u> Debris Present: <u>Y</u> <u>N</u>	Comments
--	-----------------

Photo Numbers _____

Aboard Vessel Information Recorded by (F. Last; date): <u>J. Tillery 10.17.17</u>	Checked By (F. Last; date): _____
Landside Information Recorded by (F. Last; date): <u>L. Belliveau 10/20/17</u>	
Clarifying Information Recorded by (F. Last; date): <u>K. Casey 10/10/17</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: <u>JKT</u>
Sub: TG&B	WO:	Crew: <u>TG+PB</u>
Date: <u>10.17.17</u>	Time: <u>08:42</u>	Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____ Waypt: 1133

Sampling Station: SD-PCB-109

Weather/Conditions: 38° sun. NNW 6 mph. Traffic: _____ Water Temp: _____

Measured Water Depth (ft): <u>4.5 ft.</u>	Coring Notes: <u>odor.</u>
Core Liner tube length (ft): <u>3 ft.</u>	
Core Penetration (ft) <u>2 ft.</u> Core Recovery (ft): <u>1.9 ft.</u>	
Calculated Percent Recovery: <u>94%</u>	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1' <u>0'-0.94</u>	<u>SDPCB1090202 @ 1105</u>	<u>0.0-0.2': OIL-LIKE MODERATE, S&S 2.5/1, VERY SOFT, NON-COH, SILT W/TRACE CLAY & SAND</u>	
1-2' <u>0.94-1.88</u>	<u>SDPCB1090203 @ 1109</u>	<u>0.2-0.4': SILT W/TRACE FINE SAND, SOFT, NONCOH, TRACE OIL LIKE PRESENT, TRACE VEGETATION, INTACT CLAM SHELLS @ 0.4'</u>	<u>S&S 2.5/1</u>
2-3' <u>1.88-1.95</u>		<u>0.4-1.95': MED STIFF, NON-COH, ORGANIC ODOR. SILT W/ SOME CLAY & TRACE FINE SAND, S&S 3/2. TRACE SHELL FRAGMENTS @ 1.6'</u>	
3-4'		<u>1.95': END OF CORE</u>	
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers: <u>—</u>	<u>2-16oz</u>	<u>—</u>	<u>—</u>	Equipment
Type of container: <u>40 ml VOA</u>	<u>Amber Jar</u>	<u>Plastic bag</u>	<u>other</u>	Sampler Type <u>Vibracore</u> <input checked="" type="checkbox"/> <u>Push-Core w/ hammer</u>
				Capacity <u>2-5/8" ID Core Barrel</u>

Live Organisms present <u>Y</u> Oil-Like Present <u>Y</u> Odor Present <u>Y</u> Debris Present <u>Y</u>	Comments
Photo Numbers 	

Aboard Vessel Information Recorded by (F. Last; date): <u>J. Tillery 10.17.17</u>	Checked By (F. Last; date): _____
Landside Information Recorded by (F. Last; date): <u>L. Belliveau 10/20/17</u>	
Clarifying Information Recorded by (F. Last; date): <u>K. Casey, 10/20/17</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: <u>JRT</u>
Sub: TG&B	WO:	Crew:
Date: <u>10.17.17</u>	Time: <u>11:13</u>	Vessel: <u>Coring Carolina</u>

Coordinates: Easting _____ Northing waypt. 115b

Sampling Station: SD-PCB-110

Weather/Conditions: 48° Sun 7 mph N. Traffic: — Water Temp: —

Measured Water Depth (ft): <u>5.6 ft.</u>	Coring Notes:
Core Liner tube length (ft): <u>3 ft.</u>	
Core Penetration (ft) <u>2 ft.</u> Core Recovery (ft): <u>1.9 ft.</u>	
Calculated Percent Recovery: <u>96%</u>	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	<u>SDPCB1100001 @ 1302</u>	<u>0"-0.35" 5/2.5/1, silty, fine sand + clay, non coh /</u>	<u>soft</u>
0'-0.96'		<u>0.35-0.6" 5/2.5/1, med. stiff, silt, clay, fine sand, TR shell</u>	<u>fishy odor</u>
1-2'	<u>SDPCB1100100 @ 1305</u>	<u>0.6-1.2" 5/2 stiff, clay w/ some silt + fine sand</u>	<u>fine mica</u>
0.96'-1.92'		<u>1.2-1.9" 5/2-1/2 clay w/ TR silt + fine sand. TR mica</u>	<u>TR shell</u>
3-4'		<u>@ 1.8" clam shell - very stiff</u>	
4-5'		<u>@ 0.4" worm</u>	
5-6'			
6-7'			
7-8'			

Number of containers: <u>—</u>	<u>2-16oz</u>		Equipment
Type of container: 40 ml VOA	Amber Jar	Plastic bag	Sampler Type: <u>Vibracore</u> Push-Core w/ hammer
		other	Capacity: <u>2-5/8" ID Core Barrel</u>

Live Organisms present Y N Oil-Like Present Y N Odor Present Y N Debris Present Y N	Comments
Photo Numbers 	

Aboard Vessel Information Recorded by (F. Last, date): <u>J. Tillery 10.17.17</u>	Checked By (F. Last, date):
Landside Information Recorded by (F. Last, date): <u>J. Tillery 10.20.17</u>	
Clarifying Information Recorded by (F. Last, date): <u>R. Casey 10/20/2017</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT	
Sub: TG&B	WO:	Crew: TG&B	
Date: 10.17.17	Time: 08:55	Vessel: Coring Carolina	
Coordinates: Easting	Northing	Waypt: 1136	
Sampling Station: SD-PCB-111			
Weather/Conditions: 40° sun. N 10 mph.		Traffic: — Water Temp: —	
Measured Water Depth (ft): 4.75 ft.	Coring Notes:		
Core Liner tube length (ft): 3 ft.			
Core Penetration (ft): 2 ft. Core Recovery (ft): 1.9 ft.			
Calculated Percent Recovery: 96%			
Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1' SDPCB1110001 0' - 0.96'		0.05' = 5YR 3/1 med. stiff, oily, clay w/ some shells, coh/and plat 0.5' - 0.8' 5Y 2.5/1 stiff, oily, clay w/ TR silt, TR mica	silt TR fine sand odor TR mica oyster shells
1-2' SDPCB1110102 0.96' - 1.92'		0.8' - 1.3' oyster shells 1.3' - 1.9' > 5Y 2.5/2 clay hard w/ silt, TR mica	very stiff, oily coh/plates
3-4'			
4-5'		odor throughout	
5-6'			
6-7'			
7-8'			
Number of containers: —	2-32oz Amber Jar	— Plastic bag	Equipment: <u>Push-Core w/ hammer</u>
Type of container: 40 ml VOA		other	Capacity: <u>2-5/8" ID Core Barrel</u>
Live Organisms present	Y	N	Comments
Oil-Like Present	Y	N	
Odor Present	Y	N	
Debris Present	Y	N	
Photo Numbers			
Aboard Vessel Information Recorded by (F. Last; date): J. Tillery 10.17.17			Checked By (F. Last; date)
Landside Information Recorded by (F. Last; date): J. Tillery 10.20.17			
Clarifying Information Recorded by (F. Last; date): K. Casey 10/21/17			



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TG + B
Date: 10.17.17	Time: 10:02	Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____ Waypt. 1145

Sampling Station: SD-PCB-112

Weather/Conditions: 46° sun N 10 mph Traffic: — Water Temp: —

Measured Water Depth (ft): 5.9 ft.	Coring Notes: slight odor.
Core Liner tube length (ft): 3 ft.	
Core Penetration (ft): 2 ft. Core Recovery (ft): 1.75 ft.	
Calculated Percent Recovery: 88%	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDPCB12001 @ 1700	SILTY FINE SAND W/ TRACE CLAY 2.5y 3/2	Ø.55 ^{ft} - Ø.75 ^{ft} = 7.5yr 25/1 OIL-LIKE; SHELLS PRESENT
1-2'	SDPCB120102 @ 1720	SILTY FINE SAND W/ TRACE CLAY 2.5y 4/2 <u>END</u> (B)	Ø.75 ^{ft} = 1.9 ft ~14" woodchuck
3-4'		<u>END OF BORING</u>	
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers: —	2-16oz	—	—	Equipment
Type of container: 40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type: Vibracore Push-Core w/ hammer Capacity: 2.5/8" ID Core Barrel

Live Organisms present: <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N Oil-Like Present: <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N Odor Present: <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N Debris Present: <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	Comments
Photo Numbers	

Aboard Vessel Information Recorded by (F. Last; date): J. Tillery 10.17.17	Checked By (F. Last; date)
Landside Information Recorded by (F. Last; date): L. Balvorn 10.17.17	
Clarifying Information Recorded by (F. Last; date): K. Casey 10/17/17	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TG+VB
Date: 10.17.17	Time: 10:49	Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____ waypt. 1152

Sampling Station: SD-PCB-113

Weather/Conditions: 48° sun 7 mph N Traffic: — Water Temp: —

Measured Water Depth (ft): 6.2 ft.
 Core Liner tube length (ft): 3 ft.
 Core Penetration (ft): 2 ft. Core Recovery (ft): 1.9 ft.
 Calculated Percent Recovery: 96%

Coring Notes:

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDPCB1130001	0.-0.2 very soft, 10YR 2/1, silt	fine sand, oily odor
0'-0.96'		0.2-0.7 stiff oily, 10YR 2/1, silt TR sand + abundant sand	
1-2'	SDPCB1130102	0.7-1.9-	0.6-0.7 coh/nonplas
0.96'-1.92'		-10YR 3/2 hard silty, fine sand, clay	
3-4'		coh nonplas TR mica	TR shale
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers: —	2-32oz	—	—	Equipment	
Type of container: 40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type: Vibracore	Push-Core w/ hammer
				Capacity: 2-3/8" ID Core Barrel	

Live Organisms present	Y	N
Oil-Like Present	Y	N
Odor Present	Y	N
Debris Present	Y	N

Comments

Photo Numbers

Aboard Vessel Information Recorded by (F. Last; date): J. Tillery 10.17.17	Checked By (F. Last; date)
Landside Information Recorded by (F. Last; date): J. Tillery 10.21.17	
Clarifying Information Recorded by (F. Last; date): L. Casey 10/21/17	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TG+TB
Date: 10.17.17	Time: 11:00	Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____ *waypt. 1154*

Sampling Station: SD-PCB-114

Weather/Conditions: 48° Sun 7 mph N Traffic: — Water Temp: —

Measured Water Depth (ft): 5.9 ft.	Coring Notes:
Core Liner tube length (ft): 3 ft.	
Core Penetration (ft) 2 ft. Core Recovery (ft): 1.8 ft.	
Calculated Percent Recovery: 90%	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1' 0' - 0.90'	SD PCB 114 0001	0-0.2' soft gy 3/1 silty fine sand w/ clay TR mica coh/nonplg, tarlike, oily, odor	
1-2' 0.90' - 1.80'	SD PCB 114 0102	0.2-1.4' stiff, gy 2.5/1 TR root/grass, oily tar-like silty clay w/ fine sand + mica + odor, coh	
3-4'		1.4-1.8' - gy 3/2 hard, silt w/ fine sand + mica odor, TR shell par coh nonplg + clay	
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers: —	2-32oz —	Equipment
Type of container: 40 ml VOA	Amber Jar Plastic bag other	Sampler Type Vibracore Push-Core w/ hammer Capacity 2.5/8" ID Core Barrel

Live Organisms present	Y N	Comments
Oil-Like Present	Y N	
Odor Present	Y N	
Debris Present	Y N	
Photo Numbers		

Aboard Vessel Information Recorded by (F. Last; date): J. Tillery 10.17.17	Checked By (F. Last; date)
Landside Information Recorded by (F. Last; date): J. Tillery 10.21.17	
Clarifying Information Recorded by (F. Last; date): K. Casey 10/21/17	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: <u>JRT</u>
Sub: TG&B	WO:	Crew: <u>TG+TB</u>
Date: <u>10.17.17</u>	Time: <u>10:12</u>	Vessel: Coring Carolina

Coordinates: Easting _____ Northing way pt. 1146

Sampling Station: SD-PCB-115

Weather/Conditions: 46° Sun N10 wph Traffic: _____ Water Temp: _____

Measured Water Depth (ft): <u>5.8 ft.</u>	Coring Notes:
Core Liner tube length (ft): <u>3 ft.</u>	
Core Penetration (ft) <u>2 ft.</u> Core Recovery (ft): <u>1.9 ft.</u>	
Calculated Percent Recovery: <u>96%</u>	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1' <u>SDPCB1150001</u> <u>0' - 0.96'</u>		<u>0-0.2' very soft, 10YR 3/1, silty w/ fine sand, noncoh nonplas</u> <u>odor</u> <u>0.2-0.5' 10YR 2/1 silt w/ fine sand + clay coh/nonplas odor</u> <u>abundant shells soft</u>	
1-2' <u>SDPCB1150102</u> <u>0.96' - 1.92'</u>		<u>0.5-0.8' sand compacted stiff 10YR 4/1, shells</u> <u>fine/coarse non coh</u>	
3-4'		<u>0.8-1.0' 10YR 2/1 silty fine sand, hard w/ TR</u> <u>coh/non plas TR shells</u> <u>clay</u>	
4-5'		<u>1.0-1.9 10YR 4/1 clay w/ fine silty sand</u> <u>hard, coh/plas TR shells</u>	
5-6'			
6-7'			
7-8'			

Number of containers: <u>—</u>		<u>2-32oz</u>				Equipment
Type of container: 40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type <u>Vibracore</u> <u>Push-Core w/ hammer</u>		
						Capacity <u>2-5/8" ID Core Barrel</u>

Live Organisms present <u>Y N</u> Oil-Like Present <u>Y N</u> Odor Present <u>Y N</u> Debris Present <u>Y N</u>	Comments
Photo Numbers	

Aboard Vessel Information Recorded by (F. Last, date): <u>J. Tillery 10.17.17</u>	Checked By (F. Last, date)
Landside Information Recorded by (F. Last, date): <u>J. Tillery 10.21.17</u>	
Clarifying Information Recorded by (F. Last, date): <u>V. Casey, 10/22/17</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TG+3
Date: 10.17.17	Time: 09:20	Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____ way pt. 1138

Sampling Station: SD-PCB-116

Weather/Conditions: 40° sun N10mph. Traffic: — Water Temp: —

Measured Water Depth (ft): 5. ft.	Coring Notes: 2 attempts - 1st washed out. Very soft
Core Liner tube length (ft): 3. ft.	
Core Penetration (ft): 2. ft. Core Recovery (ft): 1.9 ft.	
Calculated Percent Recovery: 96%	

Interval	Sample ID	Description (odor, color, type, etc.)	Notes
0-1' SD PCB 116 00 01 0' - 0.96'		0-0.25' 2.5/1 soft silt w/ fine sand, more sand @ 0.2' odor	oily, odor, coh/nonplas
1-2' SD PCB 116 01 02 0.96' - 1.92'		0.2-0.9' hard coarse + fine mixed sand w/ TR silt + abundant shells + grass	10YR 4/1 noncoh/nonplas
3-4'		0.9-1.2' 10YR 2/1 silty clay, stiff, coh/mild plas w/ TR fine sand	
4-5'		1.2-1.9' hard, clay w/ TR silt + fine sand + mica + TR roots + grass odor TR shells	
5-6'			
6-7'			
7-8'			

Number of containers: —	2-32oz	—	—	Equipment
Type of container: 40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type: Vibracore (Push-Core w/ hammer) Capacity: 2-5/8" ID Core Barrel

Live Organisms present: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Oil-Like Present: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Odor Present: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Debris Present: <input type="checkbox"/> Y <input type="checkbox"/> N	Comments
Photo Numbers	

Aboard Vessel Information Recorded by (F. Last, date): J. Tillery 10.17.17	Checked By (F. Last, date)
Landside Information Recorded by (F. Last, date): J. Tillery 10.21.17	
Clarifying Information Recorded by (F. Last, date): V. Casey 10/21/01	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TG+B
Date: 10.17.17	Time: 09:04	Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____ way pt. 1137

Sampling Station: SD-PCB-117

Weather/Conditions: 40° Sun 10 mph N Traffic: _____ Water Temp: _____

Measured Water Depth (ft): 4.5 ft.	Coring Notes: 1 tiny anthropod
Core Liner tube length (ft): 3. ft.	
Core Penetration (ft) 2. ft Core Recovery (ft): 2. ft.	
Calculated Percent Recovery: 100%	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1' SDPCB1170001 0'-1'		0.2-0.5' dense fine+coarse sand w/ silt + 10YR 4/1 TR shells non coh	
1-2' SDPCB1170102 1'-2'		0.5-1.5' very dense fine+coarse sand + silt abundant shells + frags non coh. 10YR 5/1 diam 5/8 + oysters	
3-4'		1.5-2.0' very dense sand + TR shell frags 10YR 3/1	
4-5'		*no odor throughout*	
5-6'			
6-7'			
7-8'			

Number of containers: -	2-32oz	-	-	Equipment
Type of container: 40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type Vibracore (Push-Core w/ hammer) Capacity 2-5/8" ID Core Barrel

Live Organisms present Y N Oil-Like Present Y N Odor Present Y N Debris Present Y N	Comments
Photo Numbers	

Aboard Vessel Information Recorded by (F. Last, date): J. Tillery 10.17.17	Checked By (F. Last, date)
Landside Information Recorded by (F. Last, date): J. Tillery 10.21.17	
Clarifying Information Recorded by (F. Last, date): V. Casey 10/21/17	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JRT
Sub: TG&B	WO:	Crew: TG&B
Date: 10.18.17	Time: 12:50	Vessel: Coring Carolina
Coordinates: Easting	Northing	WA: 1188
Sampling Station: SD-PCB-201		

Weather/Conditions: 68° sun lt. wind	Traffic: —	Water Temp: —
Measured Water Depth (ft): 4 ft.	Coring Notes: 6.4 ft	
Core Liner tube length (ft): 10 ft.		
Core Penetration (ft): 8 ft. Core Recovery (ft): 7.7 ft. JRT		
Calculated Percent Recovery: 92% 90% 80%		

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1' SDPCB2010001 @ 0913 0'-0.8'		[0'-0.4'] - SILT w/ SOME CLAY & TRACE SAND, COH., SLIGHT PETROL ODOR, LIKE [0.4'-0.8'] - STRONG PETROL ODOR, MED. COARSE SAND, SOME FINE GRAVEL, TRACE SILT, NON-COH.	0 FT [0.3'-0.6'] (10YR2/1) [0.6'-0.9'] (10YR3/1)
1-2' SDPCB2010102 @ 0920 0.8'-1.6'		[0.7'-0.9'] - STIFF, NON-COH., SANDY, SILTY [0.9'-1.4'] - SILT, NON-COH., MED. STIFF	[0.9'-1.3'] (10YR4/1) [1.3'-1.8'] (10YR3/1)
2-3' 3.20'-4.00'		[1.4'-2.0'] - STIFF, COH. PLASTIC CLAY w/ SILT [2.0'-3.5'] - TRACE SHEETS, COH. PLASTIC CLAY w/ SILT. STAY VERY STIFF	[1.8'-5.3'] (10YR4/1) [5.3'-6.4'] (10YR3/2)
4-5' MS/MSD @ 0930 0920		[3.5'-6.4'] - HARD CLAY, COH. PLASTIC, TRACE SHELL FRAG, PETROL-LIKE ODOR	
5-6' SDPCB2010506 @ 0944		END OF CORE @ 6.4'	
6-7' SDPCB2010607 @ 0955			
7-8' SDPCB2010708 @ 1000			

4'-4.8'
4.8'-5.6'
5.6'-6.4'

Number of containers: —	8-1602 —	Equipment	Sampler Type: Vibracore Push-Core w/ hammer
Type of container: 40 ml VOA	Amber Jar Plastic bag other	Capacity: 2-5/8" ID Core Barrel	

Live Organisms present: Y (N) Oil-Like Present: Y (N) Odor Present: Y (N) Debris Present: Y (N)	Comments 2-3 = 1.6' - 2.40' } not sampled 3-4 = 2.40' - 3.20' }
Photo Numbers	

Aboard Vessel Information Recorded by (F. Last, date): J. Tillery 10.18.17	Checked By (F. Last, date):
Landside Information Recorded by (F. Last, date): A. KIM 10/20/17	
Clarifying Information Recorded by (F. Last, date): K. Casey 10/20/17	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TG&B
Date: 10.17.17	Time: 11:21	Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____ way pt. 1158

Sampling Station: SD-PCB-202

Weather/Conditions: 48° sun N 7 mph Traffic: — Water Temp: —

Measured Water Depth (ft): 5.1 ft.	Coring Notes:
Core Liner tube length (ft): 3 ft.	
Core Penetration (ft) 2 ft. Core Recovery (ft): 1.8 ft.	
Calculated Percent Recovery: 92%	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1' SDPCB2020001 0' - 0.92'		0-0.1' very soft, some oil, 5Y 3/2, silty fine sand some clay, mild coh +	TR coarse sand odor
1-2' SDPCB2020102 0.92' - 1.84'		0.1-0.8 - mix 5Y 3/2 + 2.5/1 TR shells, silty fine sand w/ clay + o: coh	stiff/very stiff odor
3-4'		0.8-1.3' oily, 5Y 2.5/1, silty, clay, stiff coh/mild plas odor	Oily
4-5'		1.3' - 1.8' 5Y 3/2 TR clay w/ silt - very stiff	roots/grass odor
5-6'		coh/plas	
6-7'			
7-8'			

Number of containers: —	2-32oz —	—	Equipment
Type of container: 40 ml VOA	Amber Jar	Plastic bag	Sampler Type: Vibracore, Push-Core w/ hammer
		other	Capacity: 2-5/8" ID Core Barrel

Live Organisms present: Y (N)	Y - clam on top Comments
Oil-Like Present: (N) N	
Odor Present: (N) N	
Debris Present: Y (N)	
Photo Numbers	

Aboard Vessel Information Recorded by (F. Last, date): J. Tillery 10.17.17	Checked By (F. Last, date):
Landside Information Recorded by (F. Last, date): J. Tillery 10/21/17	
Clarifying Information Recorded by (F. Last, date): V. Casey 10/21/17	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant		Project No.: 3616176064		Logger: JKT	
Sub: TG&B		WO:		Crew: TG+TB	
Date: 10.17.17		Time: 11:34		Vessel: Coring Carolina	
Coordinates: Easting		Northing		waypt 1159	
Sampling Station: SD-PCB-203					
Weather/Conditions: 48° sun 7 mp N				Traffic: —	Water Temp: —
Measured Water Depth (ft): 5 ft.			Coring Notes:		
Core Liner tube length (ft): 3 ft.					
Core Penetration 2.4 2 ft. Core Recovery (ft): 2 ft					
Calculated Percent Recovery: 100%					
Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes		
0-1' SDPCB2030001 0'-1'		0-0.2' very soft oily silt w/ TR clay + TR fine sand odor 5Y 3/2 odor			
1-2' SDPCB2030102 1'-2'		0.2-0.4' stiff 5Y 3/1 oily clay w/silt + sand coh/mild plas odor			
3-4'		0.4-0.8 striations, compact, very stiff fine silty sand clay coh/nonplas 5Y 4/1	+ 5/1		
4-5'		0.8-1.4' 5Y 2.5/1 silty clay w/ TR fine sand stiff, oily, coh/nonplas			
5-6'		1.4'-2' 5Y 3/2 very stiff - hard odor silty clay coh/mild plas, TR grasses + roots			
6-7'					
7-8'					
Number of containers: —		2-32oz —		Equipment	
Type of container: 40 ml VOA		Amber Jar Plastic bag other		Sampler Type Vibracore Push-Core w/ hammer	
				Capacity 2.578" ID Core Barrel	
Live Organisms present Y (N)			Comments		
Oil-Like Present (Y) N					
Odor Present (Y) N					
Debris Present Y (N)					
Photo Numbers					
Aboard Vessel Information Recorded by (F. Last; date): J. Tilley 10.17.17				Checked By (F. Last; date)	
Landside Information Recorded by (F. Last; date): J. Tilley 10.21.17					
Clarifying Information Recorded by (F. Last; date): K. Casey 10/21/17					



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant		Project No.: 3616176064		Logger: JKT	
Sub: TG&B		WO: <i>opt</i>		Crew: T6+B	
Date: 10.17.17		Time: 12:00		Vessel: Coring Carolina	
Coordinates: Easting		Northing		<i>wzypst. 1162</i>	
Sampling Station: SD-PCB-204					
Weather/Conditions: 48° Sun 7 mph N				Traffic: —	Water Temp: —
Measured Water Depth (ft): 4.25 ft.		Coring Notes: 3 attempts @ 1161 all fell out - going oily moved off 10 ft. to 1162 over pen to 2.5 for 2 ft.			
Core Liner tube length (ft): 3 ft.					
Core Penetration (ft): 2.5 ft. Core Recovery (ft): 2 ft.					
Calculated Percent Recovery: 80%					
Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes		
0-1' SDPCB2040001 0' - 0.80'		0-0.3 10YR2/1 oily, soft-med stiff odor! TR coarse sand + fine gravel coh 0.3-1.0' oil top 0.3-0.6 - hard	silt-tar like w/ clay + sand compacted, silty		
1-2' SDPCB2040102 0.80' - 1.60'		sand very dense, some coarse sand + abundant coarse sand @ 0.8-1.0 10YR3/1	1.0-1.5' very dense + hard silty sand w/ coarse sand 10YR 2/1, coh		
3-4'		1.5-2.0 10YR 2/1, hard, oily, clay w/ mica & fine sand coh/plas			
4-5'					
5-6'					
6-7'					
7-8'					
Number of containers: —		2-3202		Equipment	
Type of container: 40 ml VOA		Amber Jar	Plastic bag	other	Sampler Type <u>Vibracore</u> Push-Core w/ hammer
					Capacity <u>2-5/8" ID Core Barrel</u>
Live Organisms present Y <input checked="" type="checkbox"/>		Comments			
Oil-Like Present <input checked="" type="checkbox"/> N					
Odor Present <input checked="" type="checkbox"/> N					
Debris Present <input checked="" type="checkbox"/> N					
Photo Numbers					
Aboard Vessel Information Recorded by (F. Last; date): J. Tillery 10.17.17				Checked By (F. Last; date)	
Landside Information Recorded by (F. Last; date): J. Tillery 10.17.17					
Clarifying Information Recorded by (F. Last; date): L. Casey 10/21/17					



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant **Project No.:** 3616176064 **Logger:** JKT
Sub: TG&B **WO:** **Crew:** TG+TB
Date: 10.16.17 **Time:** 13:15 **Vessel:** Coring Carolina

Coordinates: **Easting** **Northing** **WP:** 1189

Sampling Station: SD-PCB-205

Weather/Conditions: 70° sun lt. wind **Traffic:** — **Water Temp:** —

Measured Water Depth (ft): 3.3 ft. **Coring Notes:**
Core Liner tube length (ft): 10 ft.
Core Penetration (ft): 8 ft. **Core Recovery (ft):** 6.2 ft.
Calculated Percent Recovery: 78%

KMC	Interval	Sample ID	Description (odor, color, type, etc.)	Notes
01-0.8 (0-1)		SDPCB2050001@1110	0'-0.4' Moderate Wood Debris, ABNT Oil-like, Strong Odor	10YR 5/2.5
0.8-1.6 (1-2)		SDPCB2050102@1120	0.4'-0.55' coarse sand, w/some gravel, TR Oil-like 0.55'-1.05' silty, TR FN sand, 5Y 2.5/2; TR oil-like 1.05'-1.40' coarse sand, 10YR 3/2	5Y 2.5/2
1.6-2.4 (2-3)		2.4' not sampled	1.40'-1.60' TR Oil-like, Clay w/some silt, 10YR 2/1	
2.4-3.2 (3-4)		not sampled	1.60'-1.85' Clay w/some silt, moderate Oil-like, 5Y 2.5/1	
3.2-4.1 (4-5)		SDPCB2050405@1125	1.85'-1.90' same as above, but w/ moderate wood chunks 1.90'-2.40' Clay w/TR silt, mod. Cohesiveness, TR Oil-like	5Y 2.5/1
4.1-4.8 (5-6)		SDPCB2050506@1135	2.40'-2.45' same as above, but w/ TR wood Chunks 2.45'-6.18' Clay, high plasticity, 2.5Y 3/1	
4.8-5.6 (6-7)		SDPCB2050607@1140	End of core at 6.18'	
				SDPCB2050708 @ 1150

Number of containers: — **6-16oz** **Equipment:** Sampler Type: Vibracore Push-Core w/ hammer
Type of container: 40 ml VOA Amber Jar Plastic bag other Capacity: 2-5/8" ID Core Barrel

Live Organisms present (Y) (N) Oil-Like Present (Y) (N) Odor Present (Y) (N) Debris Present (Y) (N)	Comments See notes in project field book
Photo Numbers	

Aboard Vessel Information Recorded by (F. Last, date): J. Tillery 10.18.17 **Checked By (F. Last, date):**
Landside Information Recorded by (F. Last, date): L. Casey 10/19/17
Clarifying Information Recorded by (F. Last, date): L. Casey 10/19/17



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TG + B
Date: 10.17.17	Time: 12:33	Vessel: Coring Carolina
Coordinates: Easting	Northing	waypt. 1167
Sampling Station: SD-PCB-207		

Weather/Conditions: 52° sun	Traffic: —	Water Temp: —
Measured Water Depth (ft): 3.5 ft.	Coring Notes: * Strong odor in this area	
Core Liner tube length (ft): 3 ft.		
Core Penetration (ft): 2.7 ft. Core Recovery (ft): 2.6 ft.		
Calculated Percent Recovery: 96%		

Interval	Sample ID	Description (Color, Type, etc.)	Notes
0-1'	SDPCB2070001	0-0.3' 5Y2.5/1 oily, soft, silty TR fine sand clay, coh	
0 - 0.96'		TR coarse sand	
		0.3-0.6 dense coarse + fine sand w/ TR gravel	
1-2'	SDPCB2070102	5Y2.5/1 oil + odor	
0.96' - 1.92'		0.6-1.2' 5Y3/1 odor, very stiff silt w/ clay	
		coh/wild plas w/ TR mica	
3-4'		1.2-1.4 sand, dense, w/ silt + mica	
		1.4-1.92 - hard, 5Y2.5/1 clay w/ silt + fine	
4-5'		*live clam on top Tarlike @ 1.8	sand
5-6'			
6-7'			
7-8'			

Number of containers: —	2-32oz	—	Equipment
Type of container: 40 ml VOA	Amber Jar	Plastic bag	Sampler Type: Vibracore Push-Core w/ hammer
		other	Capacity: 2-5/8" ID Core Barrel

Live Organisms present: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Oil-Like Present: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Odor Present: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Debris Present: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Comments
Photo Numbers	

Aboard Vessel Information Recorded by (F. Last, date): J. Tillery 10.17.17	Checked By (F. Last, date):
Landside Information Recorded by (F. Last, date): J. Tillery 10.21.17	
Clarifying Information Recorded by (F. Last, date): K. Casey 10/21/17	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKE	
Sub: TG&B	WO:	Crew: TG+JB	
Date: 10.17.17	Time: 12:24	Vessel: Coring Carolina	
Coordinates: Easting	Northing	way pt. 1165	
Sampling Station: SD-PCB-208			
Weather/Conditions: 500 sun light wind	Traffic: —	Water Temp: —	
Measured Water Depth (ft): 3.9 ft.	Coring Notes: Strong odor in this area		
Core Liner tube length (ft): 3 ft.			
Core Penetration (ft): 2.1 ft. Core Recovery (ft): 2.1 ft.			
Calculated Percent Recovery: 98.9%			
Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDPCB2080001	0-0.2' 5Y 3/1 soft, oily tarlike, silty clay, odor, coh/non plas	
0' - 0.98'		0.2-0.5' 5Y 3/1 stiff, clay w/ silt + mica, odor, coh/non plas	
1-2'	SDPCB2080102	0.5-1.0' hard, very dense, sandy silt w/ mica, coh/non plas, mild odor 5Y 4/1	
0.98' - 2'			
3-4'		1.0' - 1.5' 5Y 2.5/1 stiff, oily tarlike, odor silty, fine sandy clay, coh/non plas	
4-5'		1.5' - 2' 5Y 4/1 hard, odor, TR grass/roots clay w/ silt + mica, coh/plas	
5-6'			
6-7'			
7-8'			
Number of containers: —	2-32oz —	Equipment	
Type of container: 40 ml VOA	Amber Jar Plastic bag other	Sampler Type: Vibracore Push-Core w/ hammer	
		Capacity: 2-5/8" ID Core Barrel	
Live Organisms present	Y <input checked="" type="checkbox"/>	Comments	
Oil-Like Present	Y N		
Odor Present	<input checked="" type="checkbox"/> N		
Debris Present	Y <input checked="" type="checkbox"/>		
Photo Numbers			
Aboard Vessel Information Recorded by (F. Last, date): J. Tillery 10.17.17			Checked By (F. Last, date):
Landside Information Recorded by (F. Last, date): J. Tillery 10.21.17			
Clarifying Information Recorded by (F. Last, date): K. Casey 10/21/17			



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TB+VB
Date: 10.17.17	Time: 12:15	Vessel: Coring Carolina

Coordinates: Easting _____ Northing waypt. 1164

Sampling Station: SD-PCB-209

Weather/Conditions: 50° sun light wind Traffic: _____ Water Temp: _____

Measured Water Depth (ft): <u>4.1 ft.</u>	Coring Notes:
Core Liner tube length (ft): <u>3 ft.</u>	
Core Penetration (ft) <u>2 ft.</u> Core Recovery (ft): <u>1.8 ft.</u>	
Calculated Percent Recovery: <u>92%</u>	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1' <u>SD PCB2090001</u> <u>0' - 0.92'</u>		<u>0-0.3' 5Y 3/2 med. stiff silt w/ clay + fine sand + small clams + shell frag. coh/non/plas no odor</u>	
1-2' <u>SD PCB2090102</u> <u>0.92' - 1.84'</u>		<u>0.3-0.5' 5Y 2.5/2 stiff clay w/ silt + fine sand + mica + TR shell frags, coh/wild plas</u>	
3-4'		<u>0.5-0.8' hard/dense fine sand + silt + mica 5Y 3/2 + mica</u>	
4-5'		<u>0.8-1.8' 5Y 2.5/1 silty clay coh/plas stiff</u>	
5-6'		<u>*rotten fish odor throughout</u>	
6-7'			
7-8'			

Number of containers: <u>—</u>	<u>2-32oz</u>	<u>—</u>	<u>—</u>	Equipment
Type of container: <u>40 ml VOA</u>	<u>Amber Jar</u>	<u>Plastic bag</u>	<u>other</u>	Sampler Type <u>Vibracore</u> Push Core w/ hammer
				Capacity <u>2-5/8" ID Core Barrel</u>

Live Organisms present <u>Y N</u> Oil-Like Present <u>Y N</u> Odor Present <u>Y N</u> Debris Present <u>Y N</u>	Comments
Photo Numbers 	

Aboard Vessel Information Recorded by (F. Last, date): <u>J. Tillery 10.17.17</u>	Checked By (F. Last, date)
Landside Information Recorded by (F. Last, date): <u>J. Tillery 10.21.17</u>	
Clarifying Information Recorded by (F. Last, date): <u>L. Casey 10/22/17</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT	
Sub: TG&B	WO:	Crew: TG+HB	
Date: 10.18.17	Time: 12:14	Vessel: Coring Carolina	
Coordinates: Easting	Northing	wp. 1185	
Sampling Station: SD-PCB-210			
Weather/Conditions: 65° sun lt. wind		Traffic: — Water Temp: —	
Measured Water Depth (ft): 4.6 ft.	Coring Notes:		
Core Liner tube length (ft): 10 ft.			
Core Penetration (ft): 9 ft. Core Recovery (ft): 7.3			
Calculated Percent Recovery: 81%			
Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1' SDPCB210001 @ 1110		[0'-0.4'] SOFT (SY2.5/1) SILT/F. SAND, SHELL FRAG, COH. NON PLASTIC	
0-0.81' MS/MSD		[0.4'-0.9'] (SY3/1) SILT/C. SAND, SOFT, TRACE GRAVEL, NON COH, NON-PLAS	
1-2' SDPCB210102 @ 1120		[0.9'-1.3'] (SY3/1) SILT, SOME CLAY, PETROL-LIKE ODCR, TRACE MICA, COH. NON-PLASTIC	
0.81'-1.62' DUP		[1.3'-1.7'] (10YR 2/1) SOME CLAY, COH. NON-PLASTIC, STIFF, SILT. TRACES SHELL FRAG, TRACE FABRIC, TRACE MICA, STRONG PETROL-LIKE ODCR	
		[1.7'-2.43'] (SY3/1) TRACES SHELL FRAG, VERY STIFF-STIFF, COH. NON-PLAS. CLAY/SILT, TRACE F. SAND, MICA & ORGANIC	
		[2.43'-3.24'] (SY3/1) @ 3.8' HAVE CLAY SHELL & SHELL FRAG, MILD PETROL-LIKE ODCR	
4-5' SDPCB210405 @ 1125		[4.0'-4.4'] (SY3/1) STIFF CLAY/SILT, TRACES SHELL FRAG, MICA, COHESIVE	
3.24'-4.05'		[4.4'-5.0'] (SY3/1) VERY STIFF, PETROL-LIKE ODCR, CLAY/SILT, TRACE F. SAND/MICA/SHELL FRAG	
5-5' SDPCB210506		[5.0'-6.0'] (SY3/1) HARD CLAY w/ SILT, F. SAND, COHESIVE	
4.05'-4.86' @ 1130		[6.0'-7.3'] (SY3/2) HARD CLAY w/ TRACE SILT, MICA, COH. PLASTIC.	
6-7' SDPCB210607		END OF CORE @ 7.30'	
4.86'-5.67' @ 1135			
7-8' SDPCB210708			
5.67'-6.48' @ 1136			
Number of containers: —	8-16oz	—	Equipment
Type of container: 40 ml VOA	Amber Jar	Plastic bag	Sampler Type: (Vibracore) Push-Core w/ hammer
		other	Capacity: 2-5/8" ID Core Barrel
Live Organisms present	Y	N	Comments 2-3 = 2.62' - 2.43' 3-4 = 2.43' - 3.24') not sampled
Oil-Like Present	Y	N	
Odor Present	Y	N	
Debris Present	Y	N	
Photo Numbers			
Aboard Vessel Information Recorded by (F. Last; date): J. Tillery 10.18.17			Checked By (F. Last; date)
Landside Information Recorded by (F. Last; date): A. KIM 10.20.17			
Clarifying Information Recorded by (F. Last; date): K. Casey 10/20/17			



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant		Project No.: 3616176064		Logger: JKT	
Sub: TG&B		WO: <i>glt</i>		Crew: TG&B	
Date: 10.19.17		Time: 12:14 10:03		Vessel: Coring Carolina	
Coordinates: Easting		Northing		WP: 1214	
Sampling Station: SD-PCB-3000 *					
Weather/Conditions: Sun 60°				Traffic: _____	Water Temp: _____
Measured Water Depth (ft): 3.9 ft.		Coring Notes: * location estimated off map *			
Core Liner tube length (ft): 10 ft.					
Core Penetration (ft) 9 ft.		Core Recovery (ft): 6.9 ft			
Calculated Percent Recovery: 77%					
Interval	Sample ID	Description (Odor, Color, Type, etc.)		Notes	
0-1' SDPCB3000001 0'-0.77'		0.0'-0.5': SOFT, OILY, S&G 2.5/1, LIVE WORM @ 0.2', COH 0.5'-0.8': FINE-COARSE COBBLE & GRAVEL, CLAM SHELL, MODERATE OIL, COARSE SAND, OIL-SWEN, SOFT, SMALL COBBLES @ 0.5', S&G 2.5/1, NON-PLASTIC		SILTY W/ TRACE FINE SAND,	
1-2' SDPCB3000102 0.77'-1.54'		0.8'-1.3': S&G 3/2, OILY, SOFT TO MOD. STIFF, W/CLAY, COH, NON-PLASTIC 1.3'-1.4': COMPACTED, STIFF SAND (FINE) SILT		TRACE FINE MICA, SILTY w/SOME CLAY, MILD ODOR	
2-3' SDPCB3000203 1.54'-2.31' <i>KIC</i> Not Sampled -2.31'		1.4'-1.9': S&G 2.5/1, MILD ODOR, W/CLAY w/SILT, COH, MILD PLAS.; MED. STIFF, MOD. GRASSES, TRACE FABRIC, TRACE GRAVEL, FINE MICA 1.9'-3.0': S&G 3/2, TRACE FIBROUS MATERIAL/WOOD, TRACE SHELL, FINE MICA CLAY w/SILT, COH, SOME MILD PLAS.		TRACE FIBROUS MATERIAL & SHELL	
3-4' SDPCB3000304 2.31'-3.08' <i>KIC</i> Not Sampled -3.08'		3.0'-4.0': VERY STIFF, S&G 2.5/2, CLAY w/FRAGMENTS, FINE MICA, COH, MILD PLAS. 4.0'-4.8': IS SAME AS ABOVE MATERIAL, HARD, TRACE FIBROUS VEG OYSTER SHELL, S&G 2.5/2, CLAY, MILD ODOR, COH, MILD PLAS.			
4-5' SDPCB3000405 3.08'-3.85' <i>ADUP</i>		6.9': END OF CORE			
5-6' SDPCB3000506 3.85'-4.62'					
6-7' SDPCB3000607 4.62'-5.39'					
7-8' SDPCB3000708 5.39'-6.16'					
Number of containers: —		7-16oz —		Equipment	
Type of container: 40 ml VOA		Amber Jar Plastic bag other		Sampler Type: <u>Vibracore</u> Push-Core w/ hammer	
				Capacity: <u>2-3/8" ID Core Barrel</u>	
Live Organisms present <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		Comments			
Oil-Like Present <input checked="" type="checkbox"/> Y <input type="checkbox"/> N					
Odor Present <input checked="" type="checkbox"/> Y <input type="checkbox"/> N					
Debris Present <input checked="" type="checkbox"/> Y <input type="checkbox"/> N					
Photo Numbers					
Aboard Vessel Information Recorded by (F. Last, date): <i>J. Tillery 10/20/17</i>				Checked By (F. Last, date):	
Landside Information Recorded by (F. Last, date): <i>L. Belliveau</i>					
Clarifying Information Recorded by (F. Last, date): <i>K. Casey 10/20/17</i>					



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TG&B
Date: 10.18.17	Time: 08:55	Vessel: Coring Carolina
Coordinates: Easting	Coordinates: Northing	waypt. 1175
Sampling Station: SD-PCB-301		

Weather/Conditions: 50° light wind sun	Traffic: —	Water Temp: —
Measured Water Depth (ft): 2.7 ft.	Coring Notes:	
Core Liner tube length (ft): 10 ft.		
Core Penetration (ft): 8 ft. Core Recovery (ft): 6.3 ft.		
Calculated Percent Recovery: 79%		

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1' not sampled		[0'-0.3'] MED-FINE SAND W/ TRACE SILT (2.5y 3/1)	
1-2' not sampled		[0.3'-0.55'] SILT W/ TRACE CLAY & F. SAND, SOFT @ 0.35' = INTACT CLAM (5y 3/1)	
2-3' not sampled		[0.55'-0.71'] F. SAND, SOME SMALL (1mm) DARK BANDS (5y 4/1)	
3-4' not sampled		[0.71'-1.0'] PETROL-LIKE ODOR PRESENT, SILT W/ TRACE CLAY, TRACE VEG, SOFT, OIL-LIKE SUBST. (2.5y 2.5/1)	
4-5'	SD PCB 3010405 3.16' - 3.95'	[1.0'-1.65'] MUD-LIKE PRESENT (1'-1.2') TRACE VEG, SOFT, NON-COH. LOW PLASTICITY, PETROL-LIKE OIL, SILT W/ TRACE CLAY & F. SAND (2.5y 3/1)	
5-6'	SD PCB 3010506 3.95' - 4.74'	[1.65'-1.73'] SOME MUD AS ABOVE EXCEPT MOD. VEG. NON COH. (2.5y 3/1)	
6-7'	SD PCB 3010607 4.74' - 5.53'	[1.73'-5.93'] SOFT CLAY W/ TRACE SILT, MED PLAST., (2.5y 3/1) SOME SHELL FRAG @ 4.8'	
7-8'	SD PCB 3010708 5.53' - 6.32'	[5.93'-6.3'] SAME MAT'L AS ↑, EXCEPT NON-COH, NON PLAST. (2.5y 3/1)	
		END OF CORE @ 6.3'	

Number of containers: —	Type of container: 40 ml VOA	Amber Jar	Plastic bag	other	Equipment
				Sampler Type: (Vibracore) Push-Core w/ hammer	
				Capacity: (2-5/8" ID Core Barrel)	

Live Organisms present	Y	N	Comments 0-1 = 0' - 0.79' } not sampled 1-2 = 0.79' - 1.58' 2-3 = 1.58' - 2.37' 3-4 = 2.37' - 3.16'
Oil-Like Present	Y	N	
Odor Present	Y	N	
Debris Present	Y	N	
Photo Numbers			

Aboard Vessel Information Recorded by (F. Last; date): J. Tillery 10.18.17	Checked By (F. Last; date):
Landside Information Recorded by (F. Last; date): A. Kim 10/20/17	
Clarifying Information Recorded by (F. Last; date): K. Casey 10/20/17	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: <u>JKT</u>	
Sub: TG&B	WO:	Crew: <u>TG+B</u>	
Date: <u>10.18.17</u>	Time: <u>09:30</u>	Vessel: Coring Carolina	
Coordinates: Easting	Northing	<u>waypt. 1176</u>	
Sampling Station: <u>SD-PCB-302</u>			
Weather/Conditions: <u>52° sun light wind</u>		Traffic: <u>—</u>	
Water Temp: <u>—</u>			
Measured Water Depth (ft): <u>3.9 ft.</u>	Coring Notes:		
Core Liner tube length (ft): <u>10 ft.</u>			
Core Penetration (ft) <u>9 ft.</u> Core Recovery (ft): <u>7.7 ft.</u>			
Calculated Percent Recovery: <u>86%</u>			
Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1' not sampled	0'-0.86' odor	0'-0.86' 5Y 3/1, soft, noncoh/nonplas, silt, sand, TR clay TR-gravel fine, TR fibrous woodchip, TR fine mica	
1-2' not sampled	0.86'-1.72'	0.86'-1.3' 5Y 2.5/1, med. stiff. coh/nonplas/clay w/silt + sand TR mica, TR root, odor	
2-3' not sampled	1.72'-2.58'	1.3'-2.8' stiff. 5Y 3/2, coh/nonplas/clay w/silt + sand TR mica, odor	
3-4' not sampled	2.58'-3.44'	2.8'	
4-5'	SD PCB 3020405 3.44'-4.30'	hard, 5Y 2.5/1, coh/plas, clay TR silt, TR fine sand TR mica, odor	
5-6'	SD PCB 3020506 4.30'-5.16'	@ 4.0' - mesh fabric liner frag.	
6-7'	SD PCB 3020607 5.16'-6.02'		
7-8'	SD PCB 3020708 6.02'-6.88'	6.88'	
Number of containers:	4 8-16oz		Equipment
Type of container:	40 ml VOA	Amber Jar Plastic bag other	Sampler Type <u>Vibracore</u> Push Core w/ hammer Capacity <u>2-5/8" ID Core Barrel</u>
Live Organisms present	Y	N	Comments
Oil-Like Present	Y	N	
Odor Present	Y	N	
Debris Present	Y	N	
Photo Numbers			
Aboard Vessel Information Recorded by (F. Last, date): <u>J. Tillery 10.18.17</u>		Checked By (F. Last, date):	
Landside Information Recorded by (F. Last, date): <u>J. Tillery 10.20.17</u>			
Clarifying Information Recorded by (F. Last, date): <u>V. Casey 10/20/17</u>			



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TG+B
Date: 10.18.17	Time: 09:55	Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____ Waypt. 1177

Sampling Station: SD-PCB-303

Weather/Conditions: 56° Sun light wind Traffic: _____ Water Temp: _____

Measured Water Depth (ft): 4.4 ft.	Coring Notes:
Core Liner tube length (ft): 10 ft.	
Core Penetration (ft): 9 ft. Core Recovery (ft): 7.1 ft.	
Calculated Percent Recovery: 79%	

Interval	Sample ID	Description (Odor, Color, Type, etc)	Notes
0-1' Not Sampled 0'-0.79'		0-0.4' 5Y3/1 coarse gravel, oil, TR shell, soft liner + coarse silt, abundant. TR mica noncoh	oil
0.79'-1.58' Not Sampled		0.4-1.0' 5Y3/2 clay w/silt + fine sand, TR mica coh	oil
1.58'-2.37' Not Sampled		1.0'-1.3' 5Y2.5/1 clay w/silt, TR mica stiff	oil
2.37'-3.16' Not Sampled		Mesh fabric	oil
3.16'-3.95' Not Sampled		1.3-2.5 5Y2.5/2 stiff, clay w/silt, TR mica, TR shell	oil
3.95'-4.74' SDPCB3030405		2.5-3.0 5Y2.5/2 very stiff, clay, TR mica coh/odor	oil/plas
4.74'-5.53' 3.16'-3.95' DUP		3.0' 2.5Y/3/1 - Hard, clay	TR shells @ 4.3'
5.53'-6.32' SDPCB3030506		coh/nonplas	TR silt, TR mica
6.32'-7.11' SDPCB3030607			
7.11'-7.90' SDPCB3030708			

0.79'
1.58'
2.37'
3.16'

oil
oil
oil
oil
oil
oil/plas

Number of containers: —	5-16oz —	Equipment	Sampler Type: <input checked="" type="checkbox"/> Vibracore <input type="checkbox"/> Push-Core w/ hammer
Type of container: 40 ml VOA	Amber Jar Plastic bag other	Capacity: <input checked="" type="checkbox"/> 2-5/8" ID Core Barrel	

Live Organisms present	Y N
Oil-Like Present	Y N
Odor Present	Y N
Debris Present	Y N

Photo Numbers

Comments

Aboard Vessel Information Recorded by (F. Last, date): J. Tillery 10.20.17	Checked By (F. Last, date):
Landside Information Recorded by (F. Last, date): J. Tillery 10.20.17	
Clarifying Information Recorded by (F. Last, date): V. Casey, 10/20/17	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant		Project No.: 3616176064		Logger: <u>JKT</u>	
Sub: TG&B		WO:		Crew: <u>TG+RB</u>	
Date: <u>10/19/17</u>		Time: <u>09:42</u>		Vessel: Coring Carolina	
Coordinates: Easting		Northing		WA: <u>1213</u>	
Sampling Station: <u>SD-PCB-304</u>					
Weather/Conditions: <u>Sun 59°</u>			Traffic: _____		Water Temp: _____
Measured Water Depth (ft): <u>3.1 ft.</u>		Coring Notes: <u>1st attempt < 75° to rec - + dumped - moved off shore</u>			
Core Liner tube length (ft): <u>10 ft.</u>		+ <u>10-15 ft for 2nd attempt</u>			
Core Penetration (ft): <u>9 ft.</u>		Core Recovery (ft): <u>7 ft.</u>		+ <u>unsuccessful recovery</u>	
Calculated Percent Recovery: <u>78%</u>					
Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes		
0-1' <u>Not Sampled</u> 0-0.78'		0.0' - 0.18' VERY COARSE SAND, FINE GRAVEL W/ TRACE COARSE ROUNDED GRAVEL, NATURAL MARINE ODOR, Sy 3/1 1.18' - 0.25' SILT W/ TRACE FINE SAND, TRACE MUD, Sy 3/1, SOFT, NON COH			
1-2' <u>Not Sampled</u> 0.78' - 1.56' 1.56'		0.25' - 0.4' SILT W/ TRACE CLAY & F. SAND, TRACE WOOD, Sy 3/1, VERY SOFT, NON-COH 0.4' - 0.45' FINE SAND W/ COARSE SAND, Sy 4/1			
2-3' <u>Not Sampled</u> 1.56' 1.56' - 2.34'		0.45' - 0.5' SILT W/ TRACE CLAY, NON. COH, VERY SOFT, Sy 2 1/2 0.5' - 0.75' FINE SAND W/ TRACE SILT, MOD. MICA FLAKES, 2 Sy 3/1			
3-4' <u>Not Sampled</u> 2.34' - 3.12'		0.75' - 1.5' COARSE SAND, Sy 4/1 1.5' - 1.22' SILT W/ TRACE CLAY & FINE SAND, Sy 2 1/2, SOFT, NON COH. CLAY FLAKES			
3.12' - 3.90' <u>SDPCB3040405</u> 3.90' <u>DUP</u>		1.22' - 1.3' MILLIMETER ALTERNATING BANDS OF GLY 1-564/164 2.54 3/1, SILT, MED. STIFF 1.3' - 1.35' SILT W/ TRACE CLAY, 2.54 2 1/2, VERY SOFT, NON. COH, TRACE ODOR			
3.90' - 4.68' <u>SDPCB3040506</u> 4.68' <u>MS/MSD</u>		1.35' - 1.87' SOFT, SILT W/ TRACE CLAY, TRACE ODOR, TRACE FIBER, SEMI-COH, GLY 1 LOW PLAS., GLY 2 2.5/N, TRACE OIL LIK 1.87' - 2.1' SOFT, SILT W/ CLAY, LOW PLAS., SEMI COH., ROOTS HANGING DOWN 2.1' - 4.0' PREVIOUS LAYER DOWN TO 2.1', TRACE ROOT MATTER 4.0' MEDIUM STIFF, SEMI-COH, CLAY W/ SILT, Sy 3/1 4.0' - 4.6' END OF CORE 4.6' - 7.1' STIFF, MOD. COH, CLAY W/ TRASSILT, 4.0' INTACT CLAM W/ SHELL FRAGS, ORGANIC ODOR, ABUNDANT FINE MICA FLAKES			
4.68' - 5.46' <u>SDPCB3040607</u>		7.1' END OF CORE			
5.46' - 6.24' <u>SDPCB3040708</u>		4.6' - 7.1' STIFF, SEMI-COH, CLAY W/ SOME SILT, Sy 3/1 7.1' END OF CORE			
Number of containers: <u>75-1602</u>		Equipment		Sampler Type: <u>Vibracore</u> Push-Core w/ hammer	
Type of container: 40 ml VOA Amber Jar Plastic bag other		Capacity: <u>2-5/8" ID Core Barrel</u>			
Live Organisms present <u>Y (N)</u>		Comments			
Oil-Like Present <u>Y (N)</u>					
Odor Present <u>Y (N)</u>					
Debris Present <u>Y (N) (U)</u>					
Photo Numbers					
Aboard Vessel Information Recorded by (F. Last, date): <u>J. Tillery 10/19/17</u>				Checked By (F. Last, date):	
Landside Information Recorded by (F. Last, date): <u>L. BELIVEAU 10/20/17</u>					
Clarifying Information Recorded by (F. Last, date): <u>K. Casey 10/20/17</u>					



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant		Project No.: 3616176064		Logger: <u>JKT</u>	
Sub: TG&B		WO:		Crew: <u>TG+B</u>	
Date: <u>10.18.17</u>		Time: <u>11:20</u>		Vessel: Coring Carolina	
Coordinates: Easting		Northing		WP. 11	
Sampling Station: <u>SD-PCB-400</u>					
Weather/Conditions: <u>58° sun 14, wind</u>				Traffic: <u>—</u>	Water Temp: <u>—</u>
Measured Water Depth (ft): <u>3.2 ft.</u>			Coring Notes:		
Core Liner tube length (ft): <u>10 ft.</u>					
Core Penetration (ft): <u>8 ft.</u>		Core Recovery (ft): <u>6.5 ft.</u>			
Calculated Percent Recovery: <u>81%</u>					
Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes		
<u>4-5</u> <u>3.2'-4'</u>	<u>SDPCB4000905 @ 1640</u>	<u>[0'-0.4']</u> ABUNDANT VEGETATION, STRONG ORGANIC LIKE ODOR, OIL-LIKE (SY 2.5/1) SUBSTANCE W/ SILT W/ TRACE FINE SAND IN ROOT NETWORK	<u>YMC</u>		
<u>5-6</u> <u>4'-4.8'</u>	<u>SDPCB4000506 @ 1645</u>	<u>[0.4'-0.6']</u> MED. SAND W/ TRACE COARSE SAND, OIL-LIKE SUBSTANCE MOD. VEGETATION, TRACE FABRIC (SY 2.5/1)	<u>YMC</u>		
<u>6-7</u> <u>4.8'-5.0'</u>	<u>SDPCB4000601 @ 1650</u>	<u>[0.6'-0.75']</u> COARSE SAND, TRACE GRAVEL, ABUNDANT OIL-LIKE SUBSTANCE, SHELL FRAGMENTS (SY 2.5/1)	<u>YMC</u>		
<u>7-8</u> <u>5.6'-6.5'</u>	<u>SDPCB4000708 @ 1655</u>	<u>[0.75'-1.3']</u> SILT W/ TRACE SAND, TRACE VEGETATION, TRACE OIL-LIKE SUBSTANCE (SY 2.5/2)	<u>YMC</u>		
		<u>[1.3'-1.6']</u> COARSE SAND, (SY 4/1)			
		<u>[1.6'-1.8']</u> SILT, MOD. OIL-LIKE SUBSTANCE, TRACE VEGETATION (SY 2.5/1)			
		<u>[1.8'-2.8']</u> SILT, MED. STIFF, TRACE VEGETATION, SHELL FRAG @ 2.75			
		<u>[2.8'-3.5']</u> SILT, W/ TRACE CLAY, SHELL FRAG @ 3.2', STIFF (SY 2.5/2) low plasticity			
		<u>[3.5'-3.5']</u> CLAY W/ TRACE SILT, MED. PLASTICITY, VERY STIFF (SY 2.5/2)			
Number of containers: <u>—</u>		<u>5-1602</u>		Equipment	
Type of container: 40 ml VOA		Amber Jar	Plastic bag	other	Sampler Type: <u>Vibracore</u> / Push-Core w/ hammer
				Capacity: <u>2.5" ID Core Barrel</u>	
Live Organisms present <u>AK (N)</u>		Comments <u>0-1 = 0'-0.8'</u> <u>1-2 = 0.8'-1.6'</u> <u>2-3 = 1.6'-2.4'</u> <u>3-4 = 2.4'-3.2'</u> } Not sampled			
Oil-Like Present <u>Y N</u>					
Odor Present <u>Y N</u>					
Debris Present <u>(Y) N</u>					
Photo Numbers					
Aboard Vessel Information Recorded by (F. Last; date): <u>J. Tillery 10.18.17</u>				Checked By (F. Last; date):	
Landside Information Recorded by (F. Last; date): <u>A. Kim 10.19.17</u>					
Clarifying Information Recorded by (F. Last; date): <u>K. Casey 10/19/17</u>					



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TG+B
Date: 10.18.17	Time: 10:55	Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____ WP: 1179

Sampling Station: SD-PCB-401

Weather/Conditions: 58° sun light wind Traffic: — Water Temp: —

Measured Water Depth (ft): 4.4 ft.	Coring Notes:
Core Liner tube length (ft): 10 ft.	
Core Penetration (ft): 9 ft. Core Recovery (ft): 7 ft.	
Calculated Percent Recovery: 78%	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
4-5 3.2-4.1 LWC	SDPCB4010405 @ 1520	[0'-0.45'] MOD. OIL-LIKE SUBSTANCE, SILT, SOME WOOD/VEG. @ 0.1' (SY 2.5/1)	
5-6 4'-4.8 LWC	DUP @ 1525	[0.45'-0.95'] AK CUT W/TRACE FINE SAND, W/TRACE FINE SILT (SY 3/2)	
5-6 4'-4.8 MS/MSD	SDPCB4010506 @ 1525	[0.95'-1.5'] MOD. OIL-LIKE SUBSTANCE, SILT (SY 2.5/1)	WOOD @ 1.45', Fabric DEBRIS
6-7 4.8'-5.6 LWC	MS/MSD @ 1530	[1.5'-2.4'] MED STIFF CLAY w/TRACE SILT (SY 3/2)	4.35 Shell FRAGMENT
6-7 4.8'-5.6 LWC	SDPCB4010607 @ 1530	[3.4'-6.95'] CLAY w/TRACE SILT, SOFT (SY 2.5/2)	
7-8 5.6'-6.4 LWC	SDPCB4010708 @ 1540	6.95' - END OF CORE	
6.4' to end of core not sampled			
6-7'			
7-8'			

Number of containers: —	6-16oz	—	—	Equipment
Type of container: 40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type (Vibracore) Push-Core w/ hammer
				Capacity 2-5/8" ID Core Barrel

Live Organisms present	Y (N)	<p>Comments</p> <p>0-1 = 0-0.8'</p> <p>1-2 = 0.8'-1.6'</p> <p>2-3 = 1.6'-2.4'</p> <p>3-4 = 2.4'-3.2'</p> <p style="font-size: 2em;">} not sampled</p>
Oil-Like Present	Y N	
Odor Present	Y N	
Debris Present	Y N	
Photo Numbers		

Aboard Vessel Information Recorded by (F. Last, date): J. Tillery 10.18.17	Checked By (F. Last, date):
Landside Information Recorded by (F. Last, date): A. KIM 10/19/17	
Clarifying Information Recorded by (F. Last, date): K. Casey, 10/19/17	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: JKT
Sub: TG&B	WO:	Crew: TG+JB
Date: 10.18.17	Time: 11:45	Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____ WP: 1193

Sampling Station: SD-PCB-402

Weather/Conditions: 62° sun to wind Traffic: _____ Water Temp: _____

Measured Water Depth (ft): 5.2 ft.	Coring Notes:
Core Liner tube length (ft): 10 ft.	
Core Penetration (ft): 9 ft. Core Recovery (ft): 7.4 ft.	
Calculated Percent Recovery: 82%	

4-5
3.2'-4'
5-6
4'-4.8'
6-7
4.8'-5.6'
7-8
5.6'-6.4'
6.4' → end not sampled

Interval	Sample ID	Description (Color, Type, etc.)	Notes
0'-0.35'	SDPCB4020505	MOD. OIL-LIKE SUBSTANCE, SILT w/ TRACE F. SAND	(SY 2.5/1) SOME WOOD DEBRIS
0.35'-0.65'		F. SAND SY 4/1	
0.65'-0.9'		SILT w/ TRACE CLAY	(SY 3/1)
0.9'-1'		MOD. SAND (SY 2.5/2)	
1'-1.55'	SDPCB4020506	MOD. AMT OF OIL-LIKE SUBSTANCE, SILT (SY 2.5/2)	MOD. ODOR
1.55'-1.7'		trace amt of oil-like substance, clay w/ trace silt	(SY 3/2)
1.7'-3.3'		clay w/ low plasticity (2.5/2.5/1)	not cohesive, soft
3.3'-4.8'	SDPCB4020607	MOD. CLAY w/ MOD. PLASTICITY, COHESIVE	(2.5/2.5/1)
4.8'-5.6'	SDPCB4020708	TR Fabric	
5.6'-6.4'		END OF CORE @ 7.4' FT.	

Number of containers: 4-16oz	Equipment
Type of container: 40 ml VOA Amber Jar	Sampler Type: (Vibracore) Push-Core w/ hammer
	Capacity: (2.5/8" ID Core Barrel)

Live Organisms present	X	N	<p style="font-weight: bold;">Comments</p> <p>0-1 = 0-0.8' not sampled</p> <p>1-2 = 0.8'-1.6' not sampled</p> <p>2-3 = 1.6'-2.4' not sampled</p> <p>3-4 = 2.4'-3.2' not sampled</p>
Oil-Like Present	X	N	
Odor Present	X	N	
Debris Present	X	N	
Photo Numbers			

Aboard Vessel Information Recorded by (F. Last, date): J. Tillery 10.18.17	Checked By (F. Last, date):
Landside Information Recorded by (F. Last, date): A. Kim 10/19/17	
Clarifying Information Recorded by (F. Last, date): L. Casey 10/19/17	

Addendum - Final Sediment Remediation Endpoints Report
Tidal Flats and Outfall 008
Stratford Army Engine Plant, Stratford, Connecticut

APPENDIX B

LABORATORY ANALYTICAL DATA PACKAGE

EnviroSystems, Inc.
One Lafayette Road
P.O. Box 778
Hampton, N.H. 03843-0778
p 603 926 3345 · f 603 926 3521
envirosystems.com

Rod Pendleton
AMEC Foster Wheeler Environment & Infrastructure, Inc.
511 Congress Street
Portland, ME 04101

PO Number: None
Report Number: 29853
Date Received: 10/20/17
Date Reported: 01/26/18

Project: Stratford Army Engine Plant

Attached please find results for analyses performed on samples received on 10/20/17 at 0900, 10/23/17 at 0900, and 10/24/17 at 0900.

Samples were received in acceptable condition and under chain of custody.

Instruments used in analysis were calibrated with the appropriate frequency and to the specifications of the referenced methods.

Analytes in blanks were below levels affecting sample results.

Matrix effects as monitored by matrix spike recovery or unusual physical properties were not apparent, except where noted.

Accuracy and precision as monitored by laboratory control sample analyses were within acceptance limits.

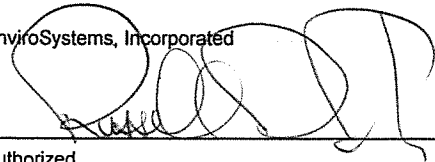
Homologs were analyzed by high resolution gas chromatography/ low resolution mass spectrometry (HRGC/LRMS) methodology. For quantitation, the instrumentation was calibrated using an early- eluting and late- eluting congener associated with each specific homolog except for the single congener, decachlorobiphenyl. The average response for the two congeners was used for quantitation of each specific homolog. In sample extracts congeners were summed to give a total homolog value. Reported homolog values are the sum of the congener peaks detected.

Please visit our website at www.envirosystems.com for a copy of our NH NELAP Accreditation and Massachusetts State Certification.

The results presented in this report relate only to the samples described on the chain(s) of custody and sample receipt log(s), and are intended to be used only by the submittor.

The results for grain size, specific gravity, bulk and dry density, and Atterburg limits were provided by GeoTesting Express of Acton, Massachusetts and have been provided as an appendix to this report.

EnviroSystems, Incorporated



Date

1/26/18

Authorized
Signature

Attachment
Report

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB4010405DP
Matrix: Solid
Sampled: 10/19/17 1520

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-022	58.5	0.1	%	11/29/17 1136	12/01/17 1339	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-022	0.017	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1120	JLH/EPA 245.7

Notes:

ESI

Report No: 29853 SDG:
Project: SAEP Tidal Flats FS, Stratford, CT

Sample ID: SDPCB2050405
Matrix: Solid
Sampled: 10/19/17 1125

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-025	60.8	0.1	%	11/29/17 1136	12/01/17 1339	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-025	0.021	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1120	JLH/EPA 245.7

Notes:

ESI

Report No: 29853 SDG:
Project: SAEP Tidal Flats FS, Stratford, CT

Sample ID: SDPCB2050506
Matrix: Solid
Sampled: 10/19/17 1135

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-026	61.3	0.1	%	11/29/17 1136	12/01/17 1339	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-026	0.016	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1120	JLH/EPA 245.7

Notes:

ESI

Report No: 29853 SDG:
Project: SAEP Tidal Flats FS, Stratford, CT

Sample ID: SDPCB2050607
Matrix: Solid
Sampled: 10/19/17 1140

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-027	56.9	0.1	%	11/29/17 1136	12/01/17 1339	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-027	0.019	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1120	JLH/EPA 245.7

Notes:

ESI

Report No: 29853 SDG:
Project: SAEP Tidal Flats FS, Stratford, CT

Sample ID: SDPCB2050708
Matrix: Solid
Sampled: 10/19/17 1150

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-028	52.0	0.1	%	11/29/17 1136	12/01/17 1339	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-028	0.021	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1120	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB4020405
Matrix: Solid
Sampled: 10/19/17 1410

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-029	59.0	0.1	%	11/29/17 1136	12/01/17 1339	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-029	0.017	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1120	JLH/EPA 245.7

Notes:

ESI

Report No: 29853 SDG:
Project: SAEP Tidal Flats FS, Stratford, CT

Sample ID: SDPCB4020506
Matrix: Solid
Sampled: 10/19/17 1415

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-030	55.5	0.1	%	11/29/17 1136	12/01/17 1339	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-030	0.020	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1120	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB4020607
Matrix: Solid
Sampled: 10/19/17 1420

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-031	52.3	0.1	%	11/29/17 1136	12/01/17 1339	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-031	0.021	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1120	JLH/EPA 245.7

Notes:

ESI

Report No: 29853 SDG:
Project: SAEP Tidal Flats FS, Stratford, CT

Sample ID: SDPCB4020708
Matrix: Solid
Sampled: 10/19/17 1425

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-032	53.4	0.1	%	11/29/17 1136	12/01/17 1339	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-032	0.019	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1120	JLH/EPA 245.7

Notes:

ESI

Report No: 29853 SDG:
Project: SAEP Tidal Flats FS, Stratford, CT

Sample ID: SDPCB4010405
Matrix: Solid
Sampled: 10/19/17 1520

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-033	59.1	0.1	%	11/29/17 1136	12/01/17 1339	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-033	0.020	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1120	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB4010506
Matrix: Solid
Sampled: 10/19/17 1525

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-034	55.4	0.1	%	11/29/17 1136	12/01/17 1339	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-034	0.019	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1120	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB4010607
Matrix: Solid
Sampled: 10/19/17 1530

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-035	51.2	0.1	%	11/29/17 1136	12/01/17 1339	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-035	0.019	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1120	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB4010708
Matrix: Solid
Sampled: 10/19/17 1540

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-036	52.4	0.1	%	11/28/17 1427	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-036	0.019	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1120	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB4000405
Matrix: Solid
Sampled: 10/19/17 1640

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-039	58.2	0.1	%	11/28/17 1427	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-039	0.016	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1120	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB4000506
Matrix: Solid
Sampled: 10/19/17 1645

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-040	56.9	0.1	%	11/28/17 1427	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-040	0.018	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1120	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB4000607
Matrix: Solid
Sampled: 10/19/17 1650

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-041	54.1	0.1	%	11/28/17 1427	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-041	0.018	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1120	JLH/EPA 245.7

Notes:

ESI

Report No: 29853 SDG:
Project: SAEP Tidal Flats FS, Stratford, CT

Sample ID: SDPCB4000708
Matrix: Solid
Sampled: 10/19/17 1655

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-042	55.4	0.1	%	11/28/17 1427	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-042	0.017	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1120	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB4000405DP
Matrix: Solid
Sampled: 10/19/17 1640

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-043	58.3	0.1	%	11/28/17 1427	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-043	0.018	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1230	JLH/EPA 245.7

Notes:

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB2010405
Matrix: Solid
Sampled: 10/20/17 0930

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-048	59.6	0.1	%	11/28/17 1427	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-048	0.016	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1230	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB2010506
Matrix: Solid
Sampled: 10/20/17 0944

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-051	60.6	0.1	%	11/28/17 1427	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-051	0.015	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1230	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB2010607
Matrix: Solid
Sampled: 10/20/17 0955

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-052	53.8	0.1	%	11/28/17 1427	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-052	0.019	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1230	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB2010708
Matrix: Solid
Sampled: 10/20/17 1000

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-053	52.3	0.1	%	11/28/17 1427	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-053	0.018	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1230	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB2100405
Matrix: Solid
Sampled: 10/20/17 1125

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-059	61.3	0.1	%	11/28/17 1427	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-059	0.017	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1230	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB2100506
Matrix: Solid
Sampled: 10/20/17 1130

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-060	56.5	0.1	%	11/28/17 1427	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-060	0.019	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1230	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB2100607
Matrix: Solid
Sampled: 10/20/17 1135

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-061	53.6	0.1	%	11/28/17 1427	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-061	0.019	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1230	JLH/EPA 245.7

Notes:

ESI

Report No: 29853 SDG:
Project: SAEP Tidal Flats FS, Stratford, CT

Sample ID: SDPCB2100708
Matrix: Solid
Sampled: 10/20/17 1136

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-062	51.3	0.1	%	11/28/17 1427	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-062	0.017	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1230	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB3010405
Matrix: Solid
Sampled: 11/20/17 1306

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-063	61.2	0.1	%	11/28/17 1427	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-063	0.014	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1230	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB3010506
Matrix: Solid
Sampled: 10/20/17 1313

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-064	57.5	0.1	%	11/28/17 1427	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-064	0.016	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1230	JLH/EPA 245.7

Notes:

ESI

Report No: 29853 SDG:
Project: SAEP Tidal Flats FS, Stratford, CT

Sample ID: SDPCB3010607
Matrix: Solid
Sampled: 10/20/17 1320

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-065	50.9	0.1	%	11/28/17 1427	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-065	0.020	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1230	JLH/EPA 245.7

Notes:

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB3010708
Matrix: Solid
Sampled: 10/20/17 1324

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-066	51.2	0.1	%	11/28/17 1427	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-066	0.019	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1230	JLH/EPA 245.7

Notes:

ESI

Report No: 29853 SDG:
Project: SAEP Tidal Flats FS, Stratford, CT

Sample ID: SDPCB3020405
Matrix: Solid
Sampled: 10/20/17 1419

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-070	62.3	0.1	%	11/28/17 1225	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-070	0.015	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1230	JLH/EPA 245.7

Notes:

ESI

Report No: 29853 SDG:
Project: SAEP Tidal Flats FS, Stratford, CT

Sample ID: SDPCB3020506
Matrix: Solid
Sampled: 10/20/17 1424

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-071	56.5	0.1	%	11/28/17 1225	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-071	0.018	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1230	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB3020607
Matrix: Solid
Sampled: 10/20/17 1429

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-072	49.2	0.1	%	11/28/17 1427	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-072	0.020	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1230	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB3020708
Matrix: Solid
Sampled: 10/20/17 1436

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-073	52.0	0.1	%	11/28/17 1427	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-073	0.017	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1230	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB3030405
Matrix: Solid
Sampled: 10/20/17 1530

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-081	61.1	0.1	%	11/28/17 1225	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-081	0.014	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1330	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB3030405DP
Matrix: Solid
Sampled: 10/20/17 1530

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-082	61.9	0.1	%	11/28/17 1225	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-082	0.013	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1330	JLH/EPA 245.7

Notes:

ESI

Report No: 29853 SDG:
Project: SAEP Tidal Flats FS, Stratford, CT

Sample ID: SDPCB3030506
Matrix: Solid
Sampled: 10/20/17 1538

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-083	58.8	0.1	%	11/28/17 1225	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-083	0.016	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1330	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB3030607
Matrix: Solid
Sampled: 10/20/17 1545

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-084	52.3	0.1	%	11/28/17 1225	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-084	0.018	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1330	JLH/EPA 245.7

Notes:

ESI

Report No: 29853 SDG:
Project: SAEP Tidal Flats FS, Stratford, CT

Sample ID: SDPCB3030708
Matrix: Solid
Sampled: 10/20/17 1553

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-085	53.3	0.1	%	11/28/17 1225	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-085	0.015	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1330	JLH/EPA 245.7

Notes:

ESI

Report No: 29853 SDG:
Project: SAEP Tidal Flats FS, Stratford, CT

Sample ID: SDPCB3040405
Matrix: Solid
Sampled: 10/20/17 1742

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-089	62.0	0.1	%	11/28/17 1225	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-089	0.013	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1330	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB3040405DP
Matrix: Solid
Sampled: 10/20/17 1742

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-090	61.9	0.1	%	11/28/17 1225	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-090	0.015	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1330	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB3040506
Matrix: Solid
Sampled: 10/20/17 1750

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-091	61.3	0.1	%	11/28/17 1225	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-091	0.014	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1330	JLH/EPA 245.7

Notes:

ESI

Report No: 29853
Project: SAEP Tidal Flats FS, Stratford, CT

SDG:

Sample ID: SDPCB3040607
Matrix: Solid
Sampled: 10/20/17 1800

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-094	57.6	0.1	%	11/28/17 1225	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-094	0.016	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1330	JLH/EPA 245.7

Notes:

ESI

Report No: 29853 SDG:
Project: SAEP Tidal Flats FS, Stratford, CT

Sample ID: SDPCB3040708
Matrix: Solid
Sampled: 10/20/17 1812

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-095	52.6	0.1	%	11/28/17 1225	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-095	0.017	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1330	JLH/EPA 245.7

Notes:

ESI

Report No: 29853 SDG:
Project: SAEP Tidal Flats FS, Stratford, CT

Sample ID: SDPCB3000405
Matrix: Solid
Sampled: 10/20/17 1908

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-098	61.8	0.1	%	11/28/17 1225	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-098	0.021	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1330	JLH/EPA 245.7

Notes:

ESI

Report No: 29853 SDG:
Project: SAEP Tidal Flats FS, Stratford, CT

Sample ID: SDPCB3000405DP
Matrix: Solid
Sampled: 10/20/17 1908

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-099	60.9	0.1	%	11/28/17 1225	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-099	0.018	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1330	JLH/EPA 245.7

Notes:

Report No: 29853 SDG:
Project: SAEP Tidal Flats FS, Stratford, CT

Sample ID: SDPCB3000506
Matrix: Solid
Sampled: 10/20/17 1922

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-100	61.4	0.1	%	11/28/17 1225	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-100	0.013	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1330	JLH/EPA 245.7

Notes:

ESI

Report No: 29853 SDG:
Project: SAEP Tidal Flats FS, Stratford, CT

Sample ID: SDPCB3000607
Matrix: Solid
Sampled: 10/20/17 1926

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-101	56.5	0.1	%	11/28/17 1225	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-101	0.017	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1330	JLH/EPA 245.7

Notes:

ESI

Report No: 29853 SDG:
Project: SAEP Tidal Flats FS, Stratford, CT

Sample ID: SDPCB3000708
Matrix: Solid
Sampled: 10/20/17 1929

Parameter		Result	Quant Limit	Units	Date Prepared	Date of Analysis	INIT/Method/Reference
Percent Solids	29853-102	52.8	0.1	%	11/28/17 1225	11/29/17 0955	JHW/160.3 EPA 600/4/79/020
Mercury, total	29853-102	0.016	0.01	ug/g dry wt	11/16/17 1600	11/22/17 1330	JLH/EPA 245.7

Notes:

ESI

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-001
Sample Designation:	SDPCB0010001
Date Sampled:	10/18/17 1045
Date Extracted:	11/14/17 1500
Date Analyzed:	01/14/18
Matrix:	Solid
Moisture (%):	45
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	20

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	3	U
dichlorobiphenyl	94	
trichlorobiphenyl	1600	
tetrachlorobiphenyl	3300	
pentachlorobiphenyl	1300	
hexachlorobiphenyl	400	
heptachlorobiphenyl	300	
octachlorobiphenyl	190	
nonachlorobiphenyl	57	
decachlorobiphenyl	5.3	
Total PCB's	7200	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	84	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-002
Sample Designation:	SDPCB0010102
Date Sampled:	10/18/17 1100
Date Extracted:	11/14/17 1500
Date Analyzed:	01/14/18
Matrix:	Solid
Moisture (%):	55
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	10

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	2	U
dichlorobiphenyl	44	
trichlorobiphenyl	610	
tetrachlorobiphenyl	1800	
pentachlorobiphenyl	990	
hexachlorobiphenyl	440	
heptachlorobiphenyl	420	
octachlorobiphenyl	200	
nonachlorobiphenyl	83	
decachlorobiphenyl	16	
Total PCB's	4600	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	85	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-003
Sample Designation:	SDPCB0020001
Date Sampled:	10/18/17 1145
Date Extracted:	11/14/17 1500
Date Analyzed:	01/14/18
Matrix:	Solid
Moisture (%):	48
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	1.3	
trichlorobiphenyl	100	
tetrachlorobiphenyl	310	
pentachlorobiphenyl	130	
hexachlorobiphenyl	53	
heptachlorobiphenyl	160	
octachlorobiphenyl	50	
nonachlorobiphenyl	21	
decachlorobiphenyl	0.05	U
Total PCB's	820	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	56	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-004
Sample Designation:	SDPCB0020102
Date Sampled:	10/18/17 1200
Date Extracted:	11/14/17 1500
Date Analyzed:	01/14/18
Matrix:	Solid
Moisture (%):	51
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	2

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.3	U
dichlorobiphenyl	9.4	
trichlorobiphenyl	40	
tetrachlorobiphenyl	180	
pentachlorobiphenyl	200	
hexachlorobiphenyl	180	
heptachlorobiphenyl	140	
octachlorobiphenyl	98	
nonachlorobiphenyl	41	
decachlorobiphenyl	11	
Total PCB's	900	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	61	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-005
Sample Designation:	SDPCB0030001
Date Sampled:	10/18/17 1335
Date Extracted:	11/14/17 1500
Date Analyzed:	01/14/18
Matrix:	Solid
Moisture (%):	40
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	2

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.3	U
dichlorobiphenyl	3.9	
trichlorobiphenyl	130	
tetrachlorobiphenyl	340	
pentachlorobiphenyl	160	
hexachlorobiphenyl	64	
heptachlorobiphenyl	70	
octachlorobiphenyl	37	
nonachlorobiphenyl	13	
decachlorobiphenyl	1.2	
Total PCB's	810	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	98	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-006
Sample Designation:	SDPCB0030102
Date Sampled:	10/18/17 1345
Date Extracted:	11/14/17 1500
Date Analyzed:	01/14/18
Matrix:	Solid
Moisture (%):	48
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	2

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.3	U
dichlorobiphenyl	5.7	
trichlorobiphenyl	17	
tetrachlorobiphenyl	110	
pentachlorobiphenyl	130	
hexachlorobiphenyl	100	
heptachlorobiphenyl	160	
octachlorobiphenyl	67	
nonachlorobiphenyl	35	
decachlorobiphenyl	7.8	
Total PCB's	630	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	58	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-007
 Sample Designation: SDPCB1010001
 Date Sampled: 10/18/17 1430
 Date Extracted: 11/14/17 1500
 Date Analyzed: 01/14/18
 Matrix: Solid
 Moisture (%): 41
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	1.1	
trichlorobiphenyl	40	
tetrachlorobiphenyl	140	
pentachlorobiphenyl	60	
hexachlorobiphenyl	24	
heptachlorobiphenyl	42	
octachlorobiphenyl	32	
nonachlorobiphenyl	20	
decachlorobiphenyl	12	
Total PCB's	370	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	100	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-008
Sample Designation:	SDPCB1010102
Date Sampled:	10/18/17 1445
Date Extracted:	11/14/17 1500
Date Analyzed:	01/14/18
Matrix:	Solid
Moisture (%):	46
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	1.1	
trichlorobiphenyl	1	U
tetrachlorobiphenyl	2	U
pentachlorobiphenyl	1.4	
hexachlorobiphenyl	1.7	
heptachlorobiphenyl	4.8	
octachlorobiphenyl	17	
nonachlorobiphenyl	11	
decachlorobiphenyl	1.8	
Total PCB's	38	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	94	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-009
Sample Designation:	SDPCB1020001
Date Sampled:	10/18/17 1520
Date Extracted:	11/14/17 1500
Date Analyzed:	01/14/18
Matrix:	Solid
Moisture (%):	42
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	1.3	
trichlorobiphenyl	83	
tetrachlorobiphenyl	220	
pentachlorobiphenyl	98	
hexachlorobiphenyl	35	
heptachlorobiphenyl	57	
octachlorobiphenyl	29	
nonachlorobiphenyl	12	
decachlorobiphenyl	4.4	
Total PCB's	540	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	85	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-010
Sample Designation:	SDPCB1020102
Date Sampled:	10/18/17 1530
Date Extracted:	11/14/17 1500
Date Analyzed:	01/14/18
Matrix:	Solid
Moisture (%):	42
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.34	
trichlorobiphenyl	1	U
tetrachlorobiphenyl	2.6	
pentachlorobiphenyl	2.3	
hexachlorobiphenyl	1.5	
heptachlorobiphenyl	5.3	
octachlorobiphenyl	10	
nonachlorobiphenyl	6.2	
decachlorobiphenyl	4.4	
Total PCB's	33	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	95	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-011
Sample Designation:	SDPCB1020102DP
Date Sampled:	10/18/17 1530
Date Extracted:	11/14/17 1500
Date Analyzed:	01/14/18
Matrix:	Solid
Moisture (%):	42
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.19	
trichlorobiphenyl	1	U
tetrachlorobiphenyl	1.5	
pentachlorobiphenyl	2	
hexachlorobiphenyl	2.2	
heptachlorobiphenyl	7.1	
octachlorobiphenyl	8.9	
nonachlorobiphenyl	7.1	
decachlorobiphenyl	5.3	
Total PCB's	34	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	101	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-012
 Sample Designation: SDPCB1030001
 Date Sampled: 10/18/17 1615
 Date Extracted: 11/14/17 1500
 Date Analyzed: 01/14/18
 Matrix: Solid
 Moisture (%): 49
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.6	U
trichlorobiphenyl	42	
tetrachlorobiphenyl	130	
pentachlorobiphenyl	85	
hexachlorobiphenyl	38	
heptachlorobiphenyl	27	
octachlorobiphenyl	10	
nonachlorobiphenyl	4.4	
decachlorobiphenyl	0.6	
Total PCB's	340	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	70	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-013
Sample Designation:	SDPCB1030102
Date Sampled:	10/18/17 1625
Date Extracted:	11/14/17 1500
Date Analyzed:	01/15/18
Matrix:	Solid
Moisture (%):	38
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.5	U
trichlorobiphenyl	13	
tetrachlorobiphenyl	39	
pentachlorobiphenyl	19	
hexachlorobiphenyl	7	
heptachlorobiphenyl	12	
octachlorobiphenyl	2.6	
nonachlorobiphenyl	0.4	
decachlorobiphenyl	0.04	U
Total PCB's	93	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	90	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-014
Sample Designation:	SDPCB1040001
Date Sampled:	10/18/17 1655
Date Extracted:	11/14/17 1500
Date Analyzed:	01/15/18
Matrix:	Solid
Moisture (%):	31
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	1.8	
trichlorobiphenyl	68	
tetrachlorobiphenyl	220	
pentachlorobiphenyl	81	
hexachlorobiphenyl	27	
heptachlorobiphenyl	27	
octachlorobiphenyl	15	
nonachlorobiphenyl	5.9	
decachlorobiphenyl	1.5	
Total PCB's	440	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	98	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-015
Sample Designation:	SDPCB1040102
Date Sampled:	10/18/17 1705
Date Extracted:	11/14/17 1500
Date Analyzed:	01/15/18
Matrix:	Solid
Moisture (%):	46
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.6	U
trichlorobiphenyl	1	U
tetrachlorobiphenyl	1.3	
pentachlorobiphenyl	1.7	
hexachlorobiphenyl	2.9	
heptachlorobiphenyl	5.9	
octachlorobiphenyl	5.8	
nonachlorobiphenyl	3.9	
decachlorobiphenyl	1.4	
Total PCB's	23	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	108	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-016
 Sample Designation: SDPCB1050001
 Date Sampled: 10/18/17 1735
 Date Extracted: 11/14/17 1500
 Date Analyzed: 01/15/18
 Matrix: Solid
 Moisture (%): 39
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.8	
trichlorobiphenyl	65	
tetrachlorobiphenyl	190	
pentachlorobiphenyl	79	
hexachlorobiphenyl	42	
heptachlorobiphenyl	58	
octachlorobiphenyl	47	
nonachlorobiphenyl	21	
decachlorobiphenyl	7.9	
Total PCB's	510	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	99	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-017
Sample Designation:	SDPCB1050102
Date Sampled:	10/18/17 1740
Date Extracted:	11/14/17 1500
Date Analyzed:	01/15/18
Matrix:	Solid
Moisture (%):	44
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.5	U
trichlorobiphenyl	0.46	
tetrachlorobiphenyl	1.8	
pentachlorobiphenyl	0.46	
hexachlorobiphenyl	2	U
heptachlorobiphenyl	0.69	
octachlorobiphenyl	0.5	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.04	U
Total PCB's	3	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	82	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-018
 Sample Designation: SDPCB1060001
 Date Sampled: 10/18/17 1845
 Date Extracted: 11/14/17 1500
 Date Analyzed: 01/09/18
 Matrix: Solid
 Moisture (%): 51
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.2	U
dichlorobiphenyl	0.6	U
trichlorobiphenyl	66	
tetrachlorobiphenyl	160	
pentachlorobiphenyl	90	
hexachlorobiphenyl	41	
heptachlorobiphenyl	24	
octachlorobiphenyl	15	
nonachlorobiphenyl	5.1	
decachlorobiphenyl	0.76	
Total PCB's	400	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	42	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-021
Sample Designation:	SDPCB1060102
Date Sampled:	10/18/17 1855
Date Extracted:	11/14/17 1500
Date Analyzed:	01/15/18
Matrix:	Solid
Moisture (%):	46
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.35	
trichlorobiphenyl	19	
tetrachlorobiphenyl	57	
pentachlorobiphenyl	22	
hexachlorobiphenyl	10	
heptachlorobiphenyl	7.2	
octachlorobiphenyl	2.6	
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.05	U
Total PCB's	120	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	67	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-022
 Sample Designation: SDPCB4010405DP
 Date Sampled: 10/19/17 1520
 Date Extracted: 11/14/17 1500
 Date Analyzed: 01/15/18
 Matrix: Solid
 Moisture (%): 41
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.5	U
trichlorobiphenyl	1	U
tetrachlorobiphenyl	2	U
pentachlorobiphenyl	2	U
hexachlorobiphenyl	2	U
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.5	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.04	U
Total PCB's	4	U

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	71	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-023
Sample Designation:	SDPCB2050001
Date Sampled:	10/19/17 1110
Date Extracted:	12/05/17 0830
Date Analyzed:	01/12/18
Matrix:	Solid
Moisture (%):	35
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	20

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	2	U
dichlorobiphenyl	400	
trichlorobiphenyl	2600	
tetrachlorobiphenyl	4500	
pentachlorobiphenyl	2400	
hexachlorobiphenyl	750	
heptachlorobiphenyl	400	
octachlorobiphenyl	150	
nonachlorobiphenyl	34	
decachlorobiphenyl	1.9	
Total PCB's	11000	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	79	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-024
Sample Designation:	SDPCB2050102
Date Sampled:	10/19/17 1120
Date Extracted:	12/05/17 0830
Date Analyzed:	01/16/18
Matrix:	Solid
Moisture (%):	31
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	3.1	
trichlorobiphenyl	9.4	
tetrachlorobiphenyl	24	
pentachlorobiphenyl	22	
hexachlorobiphenyl	12	
heptachlorobiphenyl	7.6	
octachlorobiphenyl	5.3	
nonachlorobiphenyl	1.8	
decachlorobiphenyl	0.62	
Total PCB's	86.00	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	68	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-025
Sample Designation:	SDPCB2050405
Date Sampled:	10/19/17 1125
Date Extracted:	12/05/17 0830
Date Analyzed:	01/16/18
Matrix:	Solid
Moisture (%):	39
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.35	
dichlorobiphenyl	0.5	U
trichlorobiphenyl	0.064	
tetrachlorobiphenyl	1.5	
pentachlorobiphenyl	1.1	
hexachlorobiphenyl	0.31	
heptachlorobiphenyl	0.81	
octachlorobiphenyl	0.19	
nonachlorobiphenyl	0.88	
decachlorobiphenyl	0.22	
Total PCB's	5.40	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	47	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-026
 Sample Designation: SDPCB2050506
 Date Sampled: 10/19/17 1135
 Date Extracted: 12/05/17 0830
 Date Analyzed: 01/16/18
 Matrix: Solid
 Moisture (%): 39
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.5	U
trichlorobiphenyl	1.2	
tetrachlorobiphenyl	2.1	
pentachlorobiphenyl	1.1	
hexachlorobiphenyl	0.68	
heptachlorobiphenyl	0.22	
octachlorobiphenyl	0.5	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.04	U
Total PCB's	5.30	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	60	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-027
 Sample Designation: SDPCB2050607
 Date Sampled: 10/19/17 1140
 Date Extracted: 12/05/17 0830
 Date Analyzed: 01/16/18
 Matrix: Solid
 Moisture (%): 43
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.03	
dichlorobiphenyl	0.5	U
trichlorobiphenyl	0.26	
tetrachlorobiphenyl	0.37	
pentachlorobiphenyl	0.16	
hexachlorobiphenyl	2	U
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.5	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.04	U
Total PCB's	0.81	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	61	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-028
 Sample Designation: SDPCB2050708
 Date Sampled: 10/19/17 1150
 Date Extracted: 12/05/17 0830
 Date Analyzed: 01/16/18
 Matrix: Solid
 Moisture (%): 48
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.6	U
trichlorobiphenyl	0.56	
tetrachlorobiphenyl	1.2	
pentachlorobiphenyl	0.53	
hexachlorobiphenyl	0.11	
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.6	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.05	U
Total PCB's	2.40	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	67	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-029
 Sample Designation: SDPCB4020405
 Date Sampled: 10/19/17 1410
 Date Extracted: 12/05/17 0830
 Date Analyzed: 01/16/18
 Matrix: Solid
 Moisture (%): 41
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.5	U
trichlorobiphenyl	0.3	
tetrachlorobiphenyl	0.91	
pentachlorobiphenyl	0.43	
hexachlorobiphenyl	0.15	
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.38	
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.04	U
Total PCB's	2.20	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	74	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-030
 Sample Designation: SDPCB4020506
 Date Sampled: 10/19/17 1415
 Date Extracted: 12/05/17 0830
 Date Analyzed: 01/15/18
 Matrix: Solid
 Moisture (%): 44
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.10	U
dichlorobiphenyl	0.50	U
trichlorobiphenyl	1.00	U
tetrachlorobiphenyl	0.04	U
pentachlorobiphenyl	2.00	U
hexachlorobiphenyl	2.00	U
heptachlorobiphenyl	1.00	U
octachlorobiphenyl	0.50	U
nonachlorobiphenyl	0.10	U
decachlorobiphenyl	0.05	U
Total PCB's	0.50	U

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	64	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-031
 Sample Designation: SDPCB4020607
 Date Sampled: 10/19/17 1420
 Date Extracted: 12/05/17 0830
 Date Analyzed: 01/15/18
 Matrix: Solid
 Moisture (%): 48
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.6	U
trichlorobiphenyl	0.33	
tetrachlorobiphenyl	0.27	
pentachlorobiphenyl	0.089	
hexachlorobiphenyl	2	U
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.6	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.05	U
Total PCB's	0.69	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	78	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-032
 Sample Designation: SDPCB4020708
 Date Sampled: 10/19/17 1425
 Date Extracted: 12/05/17 0830
 Date Analyzed: 01/15/18
 Matrix: Solid
 Moisture (%): 47
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.6	U
trichlorobiphenyl	0.058	
tetrachlorobiphenyl	0.22	
pentachlorobiphenyl	0.04	
hexachlorobiphenyl	0.092	
heptachlorobiphenyl	0.42	
octachlorobiphenyl	0.6	U
nonachlorobiphenyl	0.42	
decachlorobiphenyl	0.05	U
Total PCB's	1.20	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	51	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-033
 Sample Designation: SDPCB4010405
 Date Sampled: 10/19/17 1520
 Date Extracted: 12/05/17 0830
 Date Analyzed: 01/15/18
 Matrix: Solid
 Moisture (%): 41
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.5	U
trichlorobiphenyl	0.13	
tetrachlorobiphenyl	0.17	
pentachlorobiphenyl	2	U
hexachlorobiphenyl	0.018	
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.5	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.04	U
Total PCB's	0.32	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	66	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-034
 Sample Designation: SDPCB4010506
 Date Sampled: 10/19/17 1525
 Date Extracted: 12/05/17 0830
 Date Analyzed: 01/15/18
 Matrix: Solid
 Moisture (%): 45
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.5	U
trichlorobiphenyl	0.13	
tetrachlorobiphenyl	0.098	
pentachlorobiphenyl	2	U
hexachlorobiphenyl	2	U
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.5	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.05	U
Total PCB's	0.22	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	59	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-035
Sample Designation:	SDPCB4010607
Date Sampled:	10/19/17 1530
Date Extracted:	12/05/17 0830
Date Analyzed:	01/15/18
Matrix:	Solid
Moisture (%):	49
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.6	U
trichlorobiphenyl	0.043	
tetrachlorobiphenyl	2	U
pentachlorobiphenyl	0.27	
hexachlorobiphenyl	2	U
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.6	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.05	U
Total PCB's	0.32	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	60	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-036
 Sample Designation: SDPCB4010708
 Date Sampled: 10/19/17 1540
 Date Extracted: 12/05/17 0830
 Date Analyzed: 01/15/18
 Matrix: Solid
 Moisture (%): 48
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.6	U
trichlorobiphenyl	1	U
tetrachlorobiphenyl	2	U
pentachlorobiphenyl	2	U
hexachlorobiphenyl	2	U
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.6	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.05	U
Total PCB's	5.00	U

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	56	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-039
 Sample Designation: SDPCB4000405
 Date Sampled: 10/19/17 1640
 Date Extracted: 12/05/17 0830
 Date Analyzed: 01/15/18
 Matrix: Solid
 Moisture (%): 42
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.5	U
trichlorobiphenyl	1	U
tetrachlorobiphenyl	0.13	
pentachlorobiphenyl	2	U
hexachlorobiphenyl	0.009	
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.5	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.04	U
Total PCB's	0.14	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	89	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-040
 Sample Designation: SDPCB4000506
 Date Sampled: 10/19/17 1645
 Date Extracted: 12/05/17 0830
 Date Analyzed: 01/15/18
 Matrix: Solid
 Moisture (%): 43
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.5	U
trichlorobiphenyl	0.25	
tetrachlorobiphenyl	0.14	
pentachlorobiphenyl	2	U
hexachlorobiphenyl	2	U
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.5	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.04	U
Total PCB's	0.39	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	59	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-041
 Sample Designation: SDPCB4000607
 Date Sampled: 10/19/17 1650
 Date Extracted: 12/05/17 0830
 Date Analyzed: 01/15/18
 Matrix: Solid
 Moisture (%): 46
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.6	U
trichlorobiphenyl	1	U
tetrachlorobiphenyl	2	U
pentachlorobiphenyl	2	U
hexachlorobiphenyl	2	U
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.6	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.05	U
Total PCB's	4.00	U

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	57	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-042
Sample Designation:	SDPCB4000708
Date Sampled:	10/19/17 1655
Date Extracted:	12/05/17 0830
Date Analyzed:	01/16/18
Matrix:	Solid
Moisture (%):	45
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.5	U
trichlorobiphenyl	0.029	
tetrachlorobiphenyl	2	U
pentachlorobiphenyl	2	U
hexachlorobiphenyl	2	U
heptachlorobiphenyl	0.46	
octachlorobiphenyl	0.087	
nonachlorobiphenyl	1.8	
decachlorobiphenyl	0.05	U
Total PCB's	2.40	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	57	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-043
 Sample Designation: SDPCB4000405DP
 Date Sampled: 10/19/17 1640
 Date Extracted: 12/05/17 0830
 Date Analyzed: 01/16/18
 Matrix: Solid
 Moisture (%): 42
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.5	U
trichlorobiphenyl	0.061	
tetrachlorobiphenyl	0.14	
pentachlorobiphenyl	2	U
hexachlorobiphenyl	2	U
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.5	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.04	U
Total PCB's	0.20	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	53	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-044
 Sample Designation: SDPCB1070001
 Date Sampled: 10/19/17 1800
 Date Extracted: 12/05/17 0830
 Date Analyzed: 01/16/18
 Matrix: Solid
 Moisture (%): 41
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	1.7	
trichlorobiphenyl	78	
tetrachlorobiphenyl	160	
pentachlorobiphenyl	79	
hexachlorobiphenyl	34	
heptachlorobiphenyl	41	
octachlorobiphenyl	27	
nonachlorobiphenyl	4.3	
decachlorobiphenyl	2.1	
Total PCB's	430.00	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	81	30-150

U = Not detected at reporting limit.

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-045
 Sample Designation: SDPCB1070102
 Date Sampled: 10/19/17 1810
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/22/18
 Matrix: Solid
 Moisture (%): 45
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.10	U
dichlorobiphenyl	2.40	
trichlorobiphenyl	61.00	
tetrachlorobiphenyl	130.00	
pentachlorobiphenyl	50.00	
hexachlorobiphenyl	23.00	
heptachlorobiphenyl	18.00	
octachlorobiphenyl	11.00	
nonachlorobiphenyl	4.30	
decachlorobiphenyl	0.93	
Total PCB's	300.00	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	65	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-046
Sample Designation:	SDPCB2010001
Date Sampled:	10/20/17 0913
Date Extracted:	01/02/18 0900
Date Analyzed:	01/22/18
Matrix:	Solid
Moisture (%):	30
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	4

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.40	U
dichlorobiphenyl	4.10	
trichlorobiphenyl	130.00	
tetrachlorobiphenyl	290.00	
pentachlorobiphenyl	100.00	
hexachlorobiphenyl	48.00	
heptachlorobiphenyl	32.00	
octachlorobiphenyl	17.00	
nonachlorobiphenyl	6.40	
decachlorobiphenyl	0.68	
Total PCB's	630.00	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	71	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-047
Sample Designation:	SDPCB2010102
Date Sampled:	10/20/17 0920
Date Extracted:	01/02/18 0900
Date Analyzed:	01/22/18
Matrix:	Solid
Moisture (%):	43
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.10	U
dichlorobiphenyl	2.10	
trichlorobiphenyl	1.00	U
tetrachlorobiphenyl	2.90	
pentachlorobiphenyl	5.20	
hexachlorobiphenyl	5.90	
heptachlorobiphenyl	6.00	
octachlorobiphenyl	6.40	
nonachlorobiphenyl	5.20	
decachlorobiphenyl	3.60	
Total PCB's	37.00	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	58	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-048
 Sample Designation: SDPCB2010405
 Date Sampled: 10/20/17 0930
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/11/18
 Matrix: Solid
 Moisture (%): 40
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.10	U
dichlorobiphenyl	0.50	U
trichlorobiphenyl	0.49	
tetrachlorobiphenyl	0.95	
pentachlorobiphenyl	0.58	
hexachlorobiphenyl	0.36	
heptachlorobiphenyl	0.10	
octachlorobiphenyl	0.03	
nonachlorobiphenyl	0.10	U
decachlorobiphenyl	0.05	
Total PCB's	2.60	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	64	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-051
 Sample Designation: SDPCB2010506
 Date Sampled: 10/20/17 0944
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/16/18
 Matrix: Solid
 Moisture (%): 39
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.10	U
dichlorobiphenyl	0.50	U
trichlorobiphenyl	0.09	
tetrachlorobiphenyl	0.31	
pentachlorobiphenyl	0.10	
hexachlorobiphenyl	2.00	U
heptachlorobiphenyl	1.00	U
octachlorobiphenyl	0.50	U
nonachlorobiphenyl	0.10	U
decachlorobiphenyl	0.04	U
Total PCB's	0.51	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	56	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-052
 Sample Designation: SDPCB2010607
 Date Sampled: 10/20/17 0955
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/16/18
 Matrix: Solid
 Moisture (%): 46
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.10	U
dichlorobiphenyl	0.60	U
trichlorobiphenyl	0.18	
tetrachlorobiphenyl	0.28	
pentachlorobiphenyl	2.00	U
hexachlorobiphenyl	2.00	U
heptachlorobiphenyl	1.00	U
octachlorobiphenyl	0.60	U
nonachlorobiphenyl	0.10	U
decachlorobiphenyl	0.05	U
Total PCB's	0.47	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	93	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-053
Sample Designation:	SDPCB2010708
Date Sampled:	10/20/17 1000
Date Extracted:	01/02/18 0900
Date Analyzed:	01/16/18
Matrix:	Solid
Moisture (%):	48
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.10	U
dichlorobiphenyl	0.60	U
trichlorobiphenyl	0.95	
tetrachlorobiphenyl	2.40	
pentachlorobiphenyl	1.20	
hexachlorobiphenyl	0.40	
heptachlorobiphenyl	0.20	
octachlorobiphenyl	0.60	U
nonachlorobiphenyl	0.10	U
decachlorobiphenyl	0.05	U
Total PCB's	5.20	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	86	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-054
Sample Designation:	SDPCB1080001
Date Sampled:	10/20/17 0938
Date Extracted:	01/02/18 0900
Date Analyzed:	01/22/18
Matrix:	Solid
Moisture (%):	42
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.10	U
dichlorobiphenyl	0.59	
trichlorobiphenyl	29.00	
tetrachlorobiphenyl	72.00	
pentachlorobiphenyl	43.00	
hexachlorobiphenyl	41.00	
heptachlorobiphenyl	33.00	
octachlorobiphenyl	11.00	
nonachlorobiphenyl	4.70	
decachlorobiphenyl	1.50	
Total PCB's	240.00	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	63	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-055
Sample Designation:	SDPCB1080001DP
Date Sampled:	10/20/17 0938
Date Extracted:	01/02/18 0900
Date Analyzed:	01/22/18
Matrix:	Solid
Moisture (%):	42
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.10	U
dichlorobiphenyl	0.29	
trichlorobiphenyl	22.00	
tetrachlorobiphenyl	61.00	
pentachlorobiphenyl	45.00	
hexachlorobiphenyl	39.00	
heptachlorobiphenyl	24.00	
octachlorobiphenyl	11.00	
nonachlorobiphenyl	5.80	
decachlorobiphenyl	1.80	
Total PCB's	210.00	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	54	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-056
Sample Designation:	SDPCB1080102
Date Sampled:	10/20/17 0942
Date Extracted:	01/02/18 0900
Date Analyzed:	01/17/18
Matrix:	Solid
Moisture (%):	49
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.07	
dichlorobiphenyl	0.14	
trichlorobiphenyl	0.38	
tetrachlorobiphenyl	0.54	
pentachlorobiphenyl	0.41	
hexachlorobiphenyl	0.48	
heptachlorobiphenyl	1.00	U
octachlorobiphenyl	0.64	
nonachlorobiphenyl	0.58	
decachlorobiphenyl	0.82	
Total PCB's	4.10	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	69	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-057
Sample Designation:	SDPCB1090001
Date Sampled:	10/20/17 1105
Date Extracted:	01/02/18 0900
Date Analyzed:	01/22/18
Matrix:	Solid
Moisture (%):	45
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.10	U
dichlorobiphenyl	0.37	
trichlorobiphenyl	31.00	
tetrachlorobiphenyl	89.00	
pentachlorobiphenyl	39.00	
hexachlorobiphenyl	17.00	
heptachlorobiphenyl	15.00	
octachlorobiphenyl	10.00	
nonachlorobiphenyl	5.10	
decachlorobiphenyl	1.50	
Total PCB's	210.00	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	65	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-058
 Sample Designation: SDPCB1090102
 Date Sampled: 10/20/17 1109
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/21/18
 Matrix: Solid
 Moisture (%): 47
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.10	U
dichlorobiphenyl	0.60	U
trichlorobiphenyl	1.00	U
tetrachlorobiphenyl	2.00	U
pentachlorobiphenyl	2.00	U
hexachlorobiphenyl	2.00	U
heptachlorobiphenyl	1.00	U
octachlorobiphenyl	0.60	U
nonachlorobiphenyl	0.10	U
decachlorobiphenyl	0.05	U
Total PCB's	5.00	U

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	85	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-059
 Sample Designation: SDPCB2100405
 Date Sampled: 10/20/17 1125
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/16/18
 Matrix: Solid
 Moisture (%): 39
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.10	U
dichlorobiphenyl	0.50	U
trichlorobiphenyl	0.47	
tetrachlorobiphenyl	1.20	
pentachlorobiphenyl	0.41	
hexachlorobiphenyl	0.04	U
heptachlorobiphenyl	0.07	
octachlorobiphenyl	0.02	
nonachlorobiphenyl	0.10	U
decachlorobiphenyl	0.05	
Total PCB's	2.30	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	96	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-060
Sample Designation:	SDPCB2100506
Date Sampled:	10/20/17 1130
Date Extracted:	01/02/18 0900
Date Analyzed:	01/16/18
Matrix:	Solid
Moisture (%):	44
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.10	U
dichlorobiphenyl	0.50	U
trichlorobiphenyl	0.23	
tetrachlorobiphenyl	0.91	
pentachlorobiphenyl	0.31	
hexachlorobiphenyl	2.00	U
heptachlorobiphenyl	1.00	U
octachlorobiphenyl	0.50	U
nonachlorobiphenyl	0.03	
decachlorobiphenyl	0.04	U
Total PCB's	1.50	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	86	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-061
Sample Designation:	SDPCB2100607
Date Sampled:	10/20/17 1135
Date Extracted:	01/02/18 0900
Date Analyzed:	01/16/18
Matrix:	Solid
Moisture (%):	46
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.10	U
dichlorobiphenyl	0.60	U
trichlorobiphenyl	1.00	U
tetrachlorobiphenyl	0.05	U
pentachlorobiphenyl	2.00	U
hexachlorobiphenyl	2.00	U
heptachlorobiphenyl	1.00	U
octachlorobiphenyl	0.60	U
nonachlorobiphenyl	0.10	U
decachlorobiphenyl	0.05	U
Total PCB's	0.05	U

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	97	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-062
Sample Designation:	SDPCB2100708
Date Sampled:	10/20/17 1136
Date Extracted:	01/02/18 0900
Date Analyzed:	01/16/18
Matrix:	Solid
Moisture (%):	49
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.10	U
dichlorobiphenyl	0.60	U
trichlorobiphenyl	1.00	U
tetrachlorobiphenyl	2.00	U
pentachlorobiphenyl	2.00	U
hexachlorobiphenyl	0.05	U
heptachlorobiphenyl	1.00	U
octachlorobiphenyl	0.60	U
nonachlorobiphenyl	0.10	U
decachlorobiphenyl	0.05	U
Total PCB's	0.05	U

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	87	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-063
 Sample Designation: SDPCB3010405
 Date Sampled: 11/20/17 1306
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/16/18
 Matrix: Solid
 Moisture (%): 39
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.10	U
dichlorobiphenyl	0.50	U
trichlorobiphenyl	1.00	U
tetrachlorobiphenyl	0.03	U
pentachlorobiphenyl	2.00	U
hexachlorobiphenyl	2.00	U
heptachlorobiphenyl	1.00	U
octachlorobiphenyl	0.06	
nonachlorobiphenyl	0.10	U
decachlorobiphenyl	0.03	
Total PCB's	0.11	U

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	105	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-064
 Sample Designation: SDPCB3010506
 Date Sampled: 10/20/17 1313
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/16/18
 Matrix: Solid
 Moisture (%): 42
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.10	U
dichlorobiphenyl	0.50	U
trichlorobiphenyl	1.00	U
tetrachlorobiphenyl	2.00	U
pentachlorobiphenyl	2.00	U
hexachlorobiphenyl	0.03	U
heptachlorobiphenyl	1.00	U
octachlorobiphenyl	0.50	U
nonachlorobiphenyl	0.10	U
decachlorobiphenyl	0.04	U
Total PCB's	0.03	U

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	118	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-065
 Sample Designation: SDPCB3010607
 Date Sampled: 10/20/17 1320
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/16/18
 Matrix: Solid
 Moisture (%): 49
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.10	U
dichlorobiphenyl	0.60	U
trichlorobiphenyl	1.00	U
tetrachlorobiphenyl	2.00	U
pentachlorobiphenyl	2.00	U
hexachlorobiphenyl	2.00	U
heptachlorobiphenyl	1.00	U
octachlorobiphenyl	0.04	
nonachlorobiphenyl	0.10	U
decachlorobiphenyl	0.04	
Total PCB's	0.07	U

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	100	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-066
 Sample Designation: SDPCB3010708
 Date Sampled: 10/20/17 1324
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/16/18
 Matrix: Solid
 Moisture (%): 49
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.10	U
dichlorobiphenyl	0.60	U
trichlorobiphenyl	1.00	U
tetrachlorobiphenyl	2.00	U
pentachlorobiphenyl	2.00	U
hexachlorobiphenyl	0.03	U
heptachlorobiphenyl	1.00	U
octachlorobiphenyl	0.60	U
nonachlorobiphenyl	0.10	U
decachlorobiphenyl	0.05	U
Total PCB's	0.03	U

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	97	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-067
Sample Designation:	SDPCB0040001
Date Sampled:	10/20/17 1344
Date Extracted:	01/02/18 0900
Date Analyzed:	01/21/18
Matrix:	Solid
Moisture (%):	45
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	10

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	1	U
dichlorobiphenyl	19	
trichlorobiphenyl	310	
tetrachlorobiphenyl	730	
pentachlorobiphenyl	310	
hexachlorobiphenyl	96	
heptachlorobiphenyl	73	
octachlorobiphenyl	37	
nonachlorobiphenyl	11	
decachlorobiphenyl	1.9	
Total PCB's	1600	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	61	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-068
 Sample Designation: SDPCB0040102
 Date Sampled: 10/20/17 1350
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/21/18
 Matrix: Solid
 Moisture (%): 53
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 10

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	2	U
dichlorobiphenyl	31	
trichlorobiphenyl	13	
tetrachlorobiphenyl	130	
pentachlorobiphenyl	150	
hexachlorobiphenyl	190	
heptachlorobiphenyl	130	
octachlorobiphenyl	61	
nonachlorobiphenyl	21	
decachlorobiphenyl	5.6	
Total PCB's	730	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	63	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-069
Sample Designation:	SDPCB0040102DP
Date Sampled:	10/20/17 1350
Date Extracted:	01/02/18 0900
Date Analyzed:	01/21/18
Matrix:	Solid
Moisture (%):	54
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	10

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	2	U
dichlorobiphenyl	16	
trichlorobiphenyl	7.1	
tetrachlorobiphenyl	71	
pentachlorobiphenyl	130	
hexachlorobiphenyl	200	
heptachlorobiphenyl	140	
octachlorobiphenyl	55	
nonachlorobiphenyl	27	
decachlorobiphenyl	4.6	
Total PCB's	650	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	51	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-070
Sample Designation:	SDPCB3020405
Date Sampled:	10/20/17 1419
Date Extracted:	01/02/18 0900
Date Analyzed:	01/16/18
Matrix:	Solid
Moisture (%):	38
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.5	U
trichlorobiphenyl	0.3	
tetrachlorobiphenyl	0.066	
pentachlorobiphenyl	0.34	
hexachlorobiphenyl	0.0084	
heptachlorobiphenyl	0.74	
octachlorobiphenyl	0.5	U
nonachlorobiphenyl	0.028	
decachlorobiphenyl	0.04	U
Total PCB's	2	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	98	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-071
 Sample Designation: SDPCB3020506
 Date Sampled: 10/20/17 1424
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/16/18
 Matrix: Solid
 Moisture (%): 44
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.5	U
trichlorobiphenyl	1	U
tetrachlorobiphenyl	2	U
pentachlorobiphenyl	2	U
hexachlorobiphenyl	0.012	U
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.5	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.04	U
Total PCB's	4	U

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	93	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-072
 Sample Designation: SDPCB3020607
 Date Sampled: 10/20/17 1429
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/16/18
 Matrix: Solid
 Moisture (%): 51
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.2	U
dichlorobiphenyl	0.6	U
trichlorobiphenyl	1	U
tetrachlorobiphenyl	2	U
pentachlorobiphenyl	2	U
hexachlorobiphenyl	2	U
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.6	U
nonachlorobiphenyl	0.2	U
decachlorobiphenyl	0.05	U
Total PCB's	5	U

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	89	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-073
 Sample Designation: SDPCB3020708
 Date Sampled: 10/20/17 1436
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/16/18
 Matrix: Solid
 Moisture (%): 48
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.6	U
trichlorobiphenyl	1	U
tetrachlorobiphenyl	2	U
pentachlorobiphenyl	2	U
hexachlorobiphenyl	2	U
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.6	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.05	U
Total PCB's	5	U

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	87	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-074
 Sample Designation: SDPCB0050001
 Date Sampled: 10/20/17 1428
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/13/18
 Matrix: Solid
 Moisture (%): 52
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 2

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.3	U
dichlorobiphenyl	22	
trichlorobiphenyl	440	
tetrachlorobiphenyl	1100	
pentachlorobiphenyl	560	
hexachlorobiphenyl	240	
heptachlorobiphenyl	190	
octachlorobiphenyl	130	
nonachlorobiphenyl	43	
decachlorobiphenyl	5.2	
Total PCB's	2700	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	120	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-077
Sample Designation:	SDPCB0050102
Date Sampled:	10/20/17 1437
Date Extracted:	01/02/18 0900
Date Analyzed:	01/22/18
Matrix:	Solid
Moisture (%):	51
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	10

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	2	U
dichlorobiphenyl	25	
trichlorobiphenyl	12.4	U
tetrachlorobiphenyl	64	
pentachlorobiphenyl	160	
hexachlorobiphenyl	170	
heptachlorobiphenyl	130	
octachlorobiphenyl	59	
nonachlorobiphenyl	14	
decachlorobiphenyl	4	
Total PCB's	620	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	88	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-078
 Sample Designation: SDPCB0060001
 Date Sampled: 10/20/17 1515
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/22/18
 Matrix: Solid
 Moisture (%): 46
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 40

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	6	U
dichlorobiphenyl	82	
trichlorobiphenyl	2000	
tetrachlorobiphenyl	3800	
pentachlorobiphenyl	1300	
hexachlorobiphenyl	700	
heptachlorobiphenyl	490	
octachlorobiphenyl	240	
nonachlorobiphenyl	68	
decachlorobiphenyl	5.1	
Total PCB's	8700	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	79	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-079
Sample Designation:	SDPCB0060102
Date Sampled:	10/20/17 1520
Date Extracted:	01/02/18 0900
Date Analyzed:	01/22/18
Matrix:	Solid
Moisture (%):	54
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	5

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.8	U
dichlorobiphenyl	24	
trichlorobiphenyl	42	
tetrachlorobiphenyl	160	
pentachlorobiphenyl	250	
hexachlorobiphenyl	190	
heptachlorobiphenyl	150	
octachlorobiphenyl	93	
nonachlorobiphenyl	33	
decachlorobiphenyl	4.4	
Total PCB's	940	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	79	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-080
 Sample Designation: SDPCB0060102DP
 Date Sampled: 10/20/17 1520
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/22/18
 Matrix: Solid
 Moisture (%): 54
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 2

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.3	U
dichlorobiphenyl	17	
trichlorobiphenyl	32	
tetrachlorobiphenyl	130	
pentachlorobiphenyl	190	
hexachlorobiphenyl	130	
heptachlorobiphenyl	81	
octachlorobiphenyl	49	
nonachlorobiphenyl	20	
decachlorobiphenyl	2.8	
Total PCB's	650	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	77	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-081
 Sample Designation: SDPCB3030405
 Date Sampled: 10/20/17 1530
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/16/18
 Matrix: Solid
 Moisture (%): 39
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.5	U
trichlorobiphenyl	0.17	
tetrachlorobiphenyl	0.39	
pentachlorobiphenyl	0.21	
hexachlorobiphenyl	2	U
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.5	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.04	U
Total PCB's	1	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	89	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-082
 Sample Designation: SDPCB3030405DP
 Date Sampled: 10/20/17 1530
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/16/18
 Matrix: Solid
 Moisture (%): 38
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.5	U
trichlorobiphenyl	1	U
tetrachlorobiphenyl	0.065	
pentachlorobiphenyl	0.033	
hexachlorobiphenyl	2	U
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.5	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.04	U
Total PCB's	0	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	81	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-083
 Sample Designation: SDPCB3030506
 Date Sampled: 10/20/17 1538
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/16/18
 Matrix: Solid
 Moisture (%): 41
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.5	U
trichlorobiphenyl	1	U
tetrachlorobiphenyl	2	U
pentachlorobiphenyl	2	U
hexachlorobiphenyl	2	U
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.5	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.04	U
Total PCB's	4	U

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	106	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-084
 Sample Designation: SDPCB3030607
 Date Sampled: 10/20/17 1545
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/16/18
 Matrix: Solid
 Moisture (%): 48
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.6	U
trichlorobiphenyl	1	U
tetrachlorobiphenyl	2	U
pentachlorobiphenyl	2	U
hexachlorobiphenyl	2	U
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.6	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.05	U
Total PCB's	5	U

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	56	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-085
Sample Designation:	SDPCB3030708
Date Sampled:	10/20/17 1553
Date Extracted:	01/02/18 0900
Date Analyzed:	01/17/18
Matrix:	Solid
Moisture (%):	47
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.6	U
trichlorobiphenyl	0.29	
tetrachlorobiphenyl	0.74	
pentachlorobiphenyl	0.33	
hexachlorobiphenyl	2	U
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.6	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.05	U
Total PCB's	1	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	96	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-086
Sample Designation:	SDPCB0070001
Date Sampled:	10/20/17 1620
Date Extracted:	01/02/18 0900
Date Analyzed:	01/22/18
Matrix:	Solid
Moisture (%):	29
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	10

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	1	U
dichlorobiphenyl	9.9	
trichlorobiphenyl	330	
tetrachlorobiphenyl	600	
pentachlorobiphenyl	250	
hexachlorobiphenyl	82	
heptachlorobiphenyl	96	
octachlorobiphenyl	35	
nonachlorobiphenyl	13	
decachlorobiphenyl	0.4	U
Total PCB's	1400	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	66	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-087
Sample Designation:	SDPCB0070001DP
Date Sampled:	10/20/17 1620
Date Extracted:	01/02/18 0900
Date Analyzed:	01/23/18
Matrix:	Solid
Moisture (%):	27
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	2

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.2	U
dichlorobiphenyl	5.1	
trichlorobiphenyl	130	
tetrachlorobiphenyl	280	
pentachlorobiphenyl	97	
hexachlorobiphenyl	53	
heptachlorobiphenyl	38	
octachlorobiphenyl	20	
nonachlorobiphenyl	6.4	
decachlorobiphenyl	0.65	
Total PCB's	620	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	55	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-088
Sample Designation:	SDPCB0070102
Date Sampled:	10/20/17 1630
Date Extracted:	01/02/18 0900
Date Analyzed:	01/23/18
Matrix:	Solid
Moisture (%):	41
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	2	
trichlorobiphenyl	1	U
tetrachlorobiphenyl	4.1	
pentachlorobiphenyl	15	
hexachlorobiphenyl	16	
heptachlorobiphenyl	13	
octachlorobiphenyl	9.6	
nonachlorobiphenyl	4.8	
decachlorobiphenyl	0.87	
Total PCB's	66	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	68	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-089
Sample Designation:	SDPCB3040405
Date Sampled:	10/20/17 1742
Date Extracted:	01/02/18 0900
Date Analyzed:	01/21/18
Matrix:	Solid
Moisture (%):	38
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.5	U
trichlorobiphenyl	0.04	
tetrachlorobiphenyl	2.00	U
pentachlorobiphenyl	2	U
hexachlorobiphenyl	2	U
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.5	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.04	U
Total PCB's	0.04	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	62	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-090
 Sample Designation: SDPCB3040405DP
 Date Sampled: 10/20/17 1742
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/21/18
 Matrix: Solid
 Moisture (%): 38
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.5	U
trichlorobiphenyl	0.03	
tetrachlorobiphenyl	0.03	
pentachlorobiphenyl	2	U
hexachlorobiphenyl	2	U
heptachlorobiphenyl	1	
octachlorobiphenyl	0.1	
nonachlorobiphenyl	0.096	
decachlorobiphenyl	0.04	U
Total PCB's	0.96	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	101	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-091
 Sample Designation: SDPCB3040506
 Date Sampled: 10/20/17 1750
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/11/18
 Matrix: Solid
 Moisture (%): 39
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.5	U
trichlorobiphenyl	0.20	
tetrachlorobiphenyl	0.24	
pentachlorobiphenyl	0.15	
hexachlorobiphenyl	2	U
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.5	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.04	U
Total PCB's	0.59	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	63	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-094
Sample Designation:	SDPCB3040607
Date Sampled:	10/20/17 1800
Date Extracted:	01/02/18 0900
Date Analyzed:	01/21/18
Matrix:	Solid
Moisture (%):	42
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.5	U
trichlorobiphenyl	0.63	
tetrachlorobiphenyl	1.10	
pentachlorobiphenyl	0.33	
hexachlorobiphenyl	2	U
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.5	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.04	U
Total PCB's	2.10	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	71	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-095
 Sample Designation: SDPCB3040708
 Date Sampled: 10/20/17 1812
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/21/18
 Matrix: Solid
 Moisture (%): 47
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.6	U
trichlorobiphenyl	0.26	
tetrachlorobiphenyl	0.70	
pentachlorobiphenyl	0.19	
hexachlorobiphenyl	2	U
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.6	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.05	U
Total PCB's	1.10	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	71	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-096
Sample Designation:	SDPCB3000001
Date Sampled:	10/20/17 1912
Date Extracted:	01/02/18 0900
Date Analyzed:	01/23/18
Matrix:	Solid
Moisture (%):	46
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.9	
trichlorobiphenyl	82.00	
tetrachlorobiphenyl	220.00	
pentachlorobiphenyl	96	
hexachlorobiphenyl	32	
heptachlorobiphenyl	28	
octachlorobiphenyl	14.0	
nonachlorobiphenyl	4.1	
decachlorobiphenyl	0.42	
Total PCB's	480.00	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	57	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-097
 Sample Designation: SDPCB3000102
 Date Sampled: 10/20/17 1917
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/23/18
 Matrix: Solid
 Moisture (%): 49
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 2

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.3	U
dichlorobiphenyl	1.0	U
trichlorobiphenyl	3.40	
tetrachlorobiphenyl	9.30	
pentachlorobiphenyl	4.6	
hexachlorobiphenyl	2	
heptachlorobiphenyl	0	
octachlorobiphenyl	1.6	
nonachlorobiphenyl	0.86	
decachlorobiphenyl	0.61	
Total PCB's	22.00	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	31	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-098
Sample Designation:	SDPCB3000405
Date Sampled:	10/20/17 1908
Date Extracted:	01/02/18 0900
Date Analyzed:	01/21/18
Matrix:	Solid
Moisture (%):	38
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.5	U
trichlorobiphenyl	0.20	
tetrachlorobiphenyl	0.60	
pentachlorobiphenyl	0.2	
hexachlorobiphenyl	2	U
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.5	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.04	U
Total PCB's	1.00	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	60	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-099
 Sample Designation: SDPCB3000405DP
 Date Sampled: 10/20/17 1908
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/21/18
 Matrix: Solid
 Moisture (%): 39
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.5	U
trichlorobiphenyl	0.76	
tetrachlorobiphenyl	1.80	
pentachlorobiphenyl	0.84	
hexachlorobiphenyl	0	
heptachlorobiphenyl	0	
octachlorobiphenyl	0.5	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.04	U
Total PCB's	3.60	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	69	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-100
Sample Designation:	SDPCB3000506
Date Sampled:	10/20/17 1922
Date Extracted:	01/02/18 0900
Date Analyzed:	01/22/18
Matrix:	Solid
Moisture (%):	39
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.5	U
trichlorobiphenyl	0.46	
tetrachlorobiphenyl	0.88	
pentachlorobiphenyl	0.37	
hexachlorobiphenyl	2	U
heptachlorobiphenyl	0	
octachlorobiphenyl	0.5	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.04	U
Total PCB's	1.90	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	63	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-101
 Sample Designation: SDPCB3000607
 Date Sampled: 10/20/17 1926
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/22/18
 Matrix: Solid
 Moisture (%): 43
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.5	U
trichlorobiphenyl	1.00	U
tetrachlorobiphenyl	2.00	U
pentachlorobiphenyl	2	U
hexachlorobiphenyl	2	U
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.5	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.04	U
Total PCB's	4.00	U

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	74	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-102
Sample Designation:	SDPCB3000708
Date Sampled:	10/20/17 1929
Date Extracted:	01/02/18 0900
Date Analyzed:	01/22/18
Matrix:	Solid
Moisture (%):	47
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	0.6	U
trichlorobiphenyl	1.00	U
tetrachlorobiphenyl	2.00	U
pentachlorobiphenyl	2	U
hexachlorobiphenyl	2	U
heptachlorobiphenyl	1	U
octachlorobiphenyl	0.6	U
nonachlorobiphenyl	0.1	U
decachlorobiphenyl	0.05	U
Total PCB's	5.00	U

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	72	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-103
Sample Designation:	SDPCB0080001
Date Sampled:	10/21/17 0944
Date Extracted:	01/02/18 0900
Date Analyzed:	01/23/18
Matrix:	Solid
Moisture (%):	40
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	20

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	5.7	
dichlorobiphenyl	120.0	
trichlorobiphenyl	1100.00	
tetrachlorobiphenyl	2100.00	
pentachlorobiphenyl	1400	
hexachlorobiphenyl	1800	
heptachlorobiphenyl	860	
octachlorobiphenyl	370.0	
nonachlorobiphenyl	140	
decachlorobiphenyl	9.6	
Total PCB's	7900.00	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	71	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-104
Sample Designation:	SDPCB0080001DP
Date Sampled:	10/21/17 0944
Date Extracted:	01/02/18 0900
Date Analyzed:	01/23/18
Matrix:	Solid
Moisture (%):	38
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	20

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	6.7	
dichlorobiphenyl	120.0	
trichlorobiphenyl	1100.00	
tetrachlorobiphenyl	2000.00	
pentachlorobiphenyl	1600	
hexachlorobiphenyl	1700	
heptachlorobiphenyl	940	
octachlorobiphenyl	430.0	
nonachlorobiphenyl	150	
decachlorobiphenyl	10	
Total PCB's	8100.00	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	89	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-105
Sample Designation:	SDPCB0080102
Date Sampled:	10/21/17 0955
Date Extracted:	01/02/18 0900
Date Analyzed:	01/23/18
Matrix:	Solid
Moisture (%):	42
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	10

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	1	U
dichlorobiphenyl	2.1	
trichlorobiphenyl	10.30	U
tetrachlorobiphenyl	46.00	
pentachlorobiphenyl	72	
hexachlorobiphenyl	93	
heptachlorobiphenyl	61	
octachlorobiphenyl	53.0	
nonachlorobiphenyl	26	
decachlorobiphenyl	4.5	
Total PCB's	360.00	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	109	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-107
Sample Designation:	SDPCB2030001
Date Sampled:	10/21/17 1634
Date Extracted:	01/02/18 0900
Date Analyzed:	01/23/18
Matrix:	Solid
Moisture (%):	44
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	10

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	1	U
dichlorobiphenyl	25.0	
trichlorobiphenyl	350.00	
tetrachlorobiphenyl	550.00	
pentachlorobiphenyl	170	
hexachlorobiphenyl	35	
heptachlorobiphenyl	18	
octachlorobiphenyl	2.4	
nonachlorobiphenyl	1	U
decachlorobiphenyl	0.4	U
Total PCB's	1100.00	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	37	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-108
 Sample Designation: SDPCB2030102
 Date Sampled: 10/21/17 1644
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/23/18
 Matrix: Solid
 Moisture (%): 50
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.2	U
dichlorobiphenyl	1.2	
trichlorobiphenyl	7.00	
tetrachlorobiphenyl	16.00	
pentachlorobiphenyl	6.1	
hexachlorobiphenyl	5	
heptachlorobiphenyl	5	
octachlorobiphenyl	6.3	
nonachlorobiphenyl	4.6	
decachlorobiphenyl	3.4	
Total PCB's	54.00	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	68	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-109
Sample Designation:	SDPCB2040001
Date Sampled:	10/21/17 1725
Date Extracted:	01/02/18 0900
Date Analyzed:	01/23/18
Matrix:	Solid
Moisture (%):	27
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	50

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	6.7	
dichlorobiphenyl	260	
trichlorobiphenyl	8900	
tetrachlorobiphenyl	18000	
pentachlorobiphenyl	5700	
hexachlorobiphenyl	1300	
heptachlorobiphenyl	760	
octachlorobiphenyl	360	
nonachlorobiphenyl	110	
decachlorobiphenyl	4	
Total PCB's	36000	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	102	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-110
Sample Designation:	SDPCB2040102
Date Sampled:	10/21/17 1733
Date Extracted:	01/02/18 0900
Date Analyzed:	01/23/18
Matrix:	Solid
Moisture (%):	37
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	U
dichlorobiphenyl	2	
trichlorobiphenyl	33	
tetrachlorobiphenyl	68	
pentachlorobiphenyl	25	
hexachlorobiphenyl	11	
heptachlorobiphenyl	10	
octachlorobiphenyl	10	
nonachlorobiphenyl	7.3	
decachlorobiphenyl	0.04	U
Total PCB's	170	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	51	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-111
Sample Designation:	SDPCB2020001
Date Sampled:	10/21/17 1743
Date Extracted:	01/02/18 0900
Date Analyzed:	01/23/18
Matrix:	Solid
Moisture (%):	37
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	4

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.5	U
dichlorobiphenyl	2	
trichlorobiphenyl	74	
tetrachlorobiphenyl	190	
pentachlorobiphenyl	74	
hexachlorobiphenyl	20	
heptachlorobiphenyl	13	
octachlorobiphenyl	7	
nonachlorobiphenyl	3.3	
decachlorobiphenyl	1.6	
Total PCB's	380	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	79	30-150

PCB Homologs in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	29853-112
Sample Designation:	SDPCB2020102
Date Sampled:	10/21/17 1752
Date Extracted:	01/03/17 1500
Date Analyzed:	01/23/18
Matrix:	Solid
Moisture (%):	47
Sample Amount (g):	20
Final Volume (mL)	0.5
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.1	
dichlorobiphenyl	2.8	
trichlorobiphenyl	2.6	
tetrachlorobiphenyl	7.1	
pentachlorobiphenyl	7.1	
hexachlorobiphenyl	4.5	
heptachlorobiphenyl	7.1	
octachlorobiphenyl	6.4	
nonachlorobiphenyl	4	
decachlorobiphenyl	2.8	
Total PCB's	44	

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	63	30-150

PCB Homologs in Water
 SW 846 8082/680 modified

Lab Number: 29853-106
 Sample Designation: RB01
 Date Sampled: 10/21/17
 Date Extracted: 10/27/17
 Date Analyzed: 11/07/17
 Matrix: Water
 Sample Amount (g): 1000.00
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Congener	Concentration ug/L	Qualifier
chlorobiphenyl	0.001	U
dichlorobiphenyl	0.003	U
trichlorobiphenyl	0.003	U
tetrachlorobiphenyl	0.004	U
pentachlorobiphenyl	0.005	U
hexachlorobiphenyl	0.004	U
heptachlorobiphenyl	0.004	U
octachlorobiphenyl	0.003	U
nonachlorobiphenyl	0.001	U
decachlorobiphenyl	0.001	U
Total PCBs	0.001	

Surrogate Standard	Recovery (%)	Advisory Limits (%)
PCB 198	40	30 - 150

U = Not detected at the reported value.
 Estimated detection limit per congener is 0.001 ug/L.

PCB Homologs in Water
 SW 846 8082/680 modified

Lab Number: 29853-113
 Sample Designation: RB02
 Date Sampled: 10/21/17
 Date Extracted: 10/27/17
 Date Analyzed: 11/07/17
 Matrix: Water
 Sample Amount (g): 1000.00
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Congener	Concentration ug/L	Qualifier
chlorobiphenyl	0.001	U
dichlorobiphenyl	0.003	U
trichlorobiphenyl	0.003	U
tetrachlorobiphenyl	0.004	U
pentachlorobiphenyl	0.005	U
hexachlorobiphenyl	0.004	U
heptachlorobiphenyl	0.004	U
octachlorobiphenyl	0.003	U
nonachlorobiphenyl	0.001	U
decachlorobiphenyl	0.001	U
Total PCBs	0.001	

Surrogate Standard	Recovery (%)	Advisory Limits (%)
PCB 198	40	30 - 150

U = Not detected at the reported value.
 Estimated detection limit per congener is 0.001 ug/L.

Quality Control Summary

Parameter: Mercury, total
 Project: SAEP Tidal Flats FS, Stratford, CT
 Matrix: Solid
 QC Batch No: 282S

Pertains to samples:

Lab ID	Sample ID	Lab ID	Sample ID
29853-034	SDPCB4010506	29853-033	SDPCB4010405
29853-022	SDPCB4010405DP	29853-035	SDPCB4010607
29853-025	SDPCB2050405	29853-036	SDPCB4010708
29853-026	SDPCB2050506	29853-039	SDPCB4000405
29853-027	SDPCB2050607	29853-040	SDPCB4000506
29853-028	SDPCB2050708	29853-041	SDPCB4000607
29853-029	SDPCB4020405	29853-042	SDPCB4000708
29853-030	SDPCB4020506		
29853-031	SDPCB4020607		
29853-032	SDPCB4020708		

	Control Limit +/-	Preparation Blank Result ug/g dry wt	Q	M
PB282S	0.01	0.01	U	Pass

LABORATORY CONTROL SAMPLE RECOVERY

ID	Control Limit %	Lab Control Sample Result ug/g dry wt	True Value ug/g dry wt	%R	Lab Control Dup Sample Result ug/g dry wt	True Value ug/g dry wt	%R	
LCS	75-125	0.303	0.400	76	0.328	0.400	82	Pass
SRM	70-130	4.18	3.4	123				Pass

DUPLICATE ANALYSIS

ID	Control Limit %	Duplicate Result ug/g dry wt	Q	Sample Result ug/g dry wt	Q	RPD	Q	
29853-034	25	0.019		0.019		NC		Pass

SPIKE SAMPLE ANALYSIS

ID	Control Limit %	Spiked Sample Result ug/g dry wt	Spike Added ug/g dry wt	Sample Result ug/g dry wt	Q	%R	Q	
29853-034S	75-125	0.562	0.466	0.019		117		Pass
29853-034SD	75-125	0.568	0.478	0.019		115		Pass

U = Below quantitation limit

ESI

Quality Control Summary

Parameter: Mercury, total
 Project: SAEP Tidal Flats FS, Stratford, CT
 Matrix: Solid
 QC Batch No: 283S

Pertains to samples:

Lab ID	Sample ID	Lab ID	Sample ID
29853-048	SDPCB2010405	29853-064	SDPCB3010506
29853-043	SDPCB4000405DP	29853-065	SDPCB3010607
29853-051	SDPCB2010506	29853-066	SDPCB3010708
29853-052	SDPCB2010607	29853-070	SDPCB3020405
29853-053	SDPCB2010708	29853-071	SDPCB3020506
29853-059	SDPCB2100405	29853-072	SDPCB3020607
29853-060	SDPCB2100506	29853-073	SDPCB3020708
29853-061	SDPCB2100607		
29853-062	SDPCB2100708		
29853-063	SDPCB3010405		

	Control Limit +/-	Preparation Blank Result ug/g dry wt	Q	M
PB283S	0.01	0.01	U	Pass

LABORATORY CONTROL SAMPLE RECOVERY

ID	Control Limit %	Lab Control Sample Result ug/g dry wt	True Value ug/g dry wt	%R	Lab Control Dup Sample Result ug/g dry wt	True Value ug/g dry wt	%R	
LCS	75-125	0.368	0.400	92	0.370	0.400	93	Pass
SRM	70-130	4.12	3.4	121				Pass

DUPLICATE ANALYSIS

ID	Control Limit %	Duplicate Result ug/g dry wt	Q	Sample Result ug/g dry wt	Q	RPD	Q	
29853-048	25	0.015		0.016		NC		Pass

SPIKE SAMPLE ANALYSIS

ID	Control Limit %	Spiked Sample Result ug/g dry wt	Spike Added ug/g dry wt	Sample Result ug/g dry wt	Q	%R	Q	
29853-048S	75-125	0.437	0.386	0.016		109		Pass
29853-048SD	75-125	0.443	0.377	0.016		113		Pass

U = Below quantitation limit

ESI

Quality Control Summary

Parameter: Mercury, total
 Project: SAEP Tidal Flats FS, Stratford, CT
 Matrix: Solid
 QC Batch No: 284S

Pertains to samples:

Lab ID	Sample ID	Lab ID	Sample ID
29853-091	SDPCB3040506	29853-098	SDPCB3000405
29853-081	SDPCB3030405	29853-099	SDPCB3000405DP
29853-082	SDPCB3030405DP	29853-100	SDPCB3000506
29853-083	SDPCB3030506	29853-101	SDPCB3000607
29853-084	SDPCB3030607	29853-102	SDPCB3000708
29853-085	SDPCB3030708		
29853-089	SDPCB3040405		
29853-090	SDPCB3040405DP		
29853-094	SDPCB3040607		
29853-095	SDPCB3040708		

	Control Limit +/-	Preparation Blank Result ug/g dry wt	Q	M
PB284S	0.01	0.01	U	Pass

LABORATORY CONTROL SAMPLE RECOVERY

ID	Control Limit %	Lab Control Sample Result ug/g dry wt	True Value ug/g dry wt	%R	Lab Control Dup Sample Result ug/g dry wt	True Value ug/g dry wt	%R	
LCS	75-125	0.393	0.400	98	0.333	0.400	83	Pass
SRM	70-130	3.39	3.4	100				Pass

DUPLICATE ANALYSIS

ID	Control Limit %	Duplicate Result ug/g dry wt	Q	Sample Result ug/g dry wt	Q	RPD	Q	
29853-091	25	0.014		0.014		NC		Pass

SPIKE SAMPLE ANALYSIS

ID	Control Limit %	Spiked Sample Result ug/g dry wt	Spike Added ug/g dry wt	Sample Result ug/g dry wt	Q	%R	Q	
29853-091S	75-125	0.354	0.347	0.014		98		Pass
29853-091SD	75-125	0.370	0.335	0.014		106		Pass

U = Below quantitation limit

ESI

Lab Number:	PB089S
Sample Designation:	Laboratory Blank
Date Sampled:	11/14/17 1500
Date Extracted:	11/14/17 1500
Date Analyzed:	01/08/18
Matrix:	Solid
Sample Amount (g):	20
Final Volume (mL)	0.50
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.05	U
dichlorobiphenyl	0.12	U
trichlorobiphenyl	0.12	U
tetrachlorobiphenyl	0.21	U
pentachlorobiphenyl	0.23	U
hexachlorobiphenyl	0.21	U
heptachlorobiphenyl	0.18	U
octachlorobiphenyl	0.12	U
nonachlorobiphenyl	0.05	U
decachlorobiphenyl	0.03	U
Total PCBs	1.5	U

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	54	30 - 150

Estimated detection limit per congener is 0.5 ug/Kg.

PCB Homologues in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: LCS089S / LCSD089S
 Sample Designation: Laboratory Control Sample Duplicate
 Date Sampled: 11/14/17 1500
 Date Extracted: 11/14/17 1500
 Date Analyzed: 01/08/18
 Matrix: Solid
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	LCS Reference Value (ug/Kg)	LCS Found (ug/Kg)	LCS Recovery (%)	LCS Recovery Limit (%)	LCSD Concentration (ug/Kg)	LCSD Recovery (%)	LCSD Recovery Limit (%)	Relative Difference (%)	RPD Limit (%)
chlorobiphenyl	0.05	0.13	73	30 - 150	0.12	67	30 - 150	6	30
dichlorobiphenyl	3.0	2.1	70	30 - 150	2.1	68	30 - 150	2	30
trichlorobiphenyl	10.3	7.3	71	30 - 150	6.7	65	30 - 150	5	30
tetrachlorobiphenyl	6.5	4.7	73	30 - 150	4.3	67	30 - 150	6	30
pentachlorobiphenyl	1.7	1.4	85	30 - 150	1.4	81	30 - 150	3	30
hexachlorobiphenyl	0.30	0.36	123	30 - 150	0.30	100	30 - 150	22	30
heptachlorobiphenyl	NC	NC	NC	30 - 150	NC	NC	30 - 150	NC	30
octachlorobiphenyl	NC	NC	NC	30 - 150	NC	NC	30 - 150	NC	30
nonachlorobiphenyl	NC	NC	NC	30 - 150	NC	NC	30 - 150	NC	30
decachlorobiphenyl	NC	NC	NC	30 - 150	NC	NC	30 - 150	NC	30
Total PCBs	22	16.1	74	30 - 150	14.9	68	30 - 150	5	30

Surrogate Standards	LCS Recovery (%)	Advisory Limits (%)	LCSD Recovery (%)	Advisory Limits (%)
2,2',3,3',4,4',5,5',6-octachlorobiphenyl	52	30 - 150	53	30 - 150

NC = Not calculated due to value less than five times the reporting limit.

PCB Homologues in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-018
 Sample Designation: SDPCB1060001 (Matrix Spike Duplicate)
 Date Sampled: 11/14/17 1500
 Date Extracted: 11/14/17 1500
 Date Analyzed: 00/09/18
 Matrix: Solid
 Sample Amount (g): 20
 Final Volume (mL): 0.50
 Dilution Factor: 1

PCB Congener	Sample Concentration (ug/Kg)	Amount Added (ug/Kg)	Matrix Spike Concentration (ug/Kg)	Matrix Spike Recovery (%)	Matrix Spike Limit (%)	Matrix Spike Duplicate Concentration (ug/Kg)	Matrix Spike Duplicate Recovery (%)	Matrix Spike Duplicate Limit (%)	Relative Difference (%)	Limit (%)
chlorobiphenyl	ND	0.73	0.14	20	30-150	0.21	58	30-150	37	30
dichlorobiphenyl	ND	12	6.1	50	30-150	6.1	111	30-150	11	30
trichlorobiphenyl	66	42	89	53	30-150	89	NC	30-150	1	30
tetrachlorobiphenyl	160	26	170	37	30-150	171	NC	30-150	7	30
pentachlorobiphenyl	90	6.7	92	NC	30-150	92	NC	30-150	11	30
hexachlorobiphenyl	41	1.2	43	NC	30-150	43	NC	30-150	22	30
heptachlorobiphenyl	24	NA	24	NC	30-150	24	NC	30-150	9	30
octachlorobiphenyl	15	NA	14	NC	30-150	14	NC	30-150	NA	30
nonachlorobiphenyl	5.1	NA	5.5	NC	30-150	5.5	NC	30-150	NA	30
decachlorobiphenyl	0.76	NA	0.68	NC	30-150	0.7	NC	30-150	NA	30
Total PCBs	400	88	450	49	30-150	446	37	30-150	6	30

Surrogate Standards	Matrix Spike Recovery (%)	Matrix Spike Duplicate Recovery (%)	Advisory Limits (%)
2,2',3,3',4,5,5',6-octachlorobiphenyl	43	30	30 - 150

NC = Not calculated due to spike value less than five times the reporting limit or sample concentration greater than five time the spike value.
 ND = Not detected at reporting limit.

PCB Homologues in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	PB092S
Sample Designation:	Laboratory Blank
Date Sampled:	12/05/17 0830
Date Extracted:	12/05/17 0830
Date Analyzed:	01/08/18
Matrix:	Solid
Sample Amount (g):	20
Final Volume (mL)	0.50
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.05	U
dichlorobiphenyl	0.12	U
trichlorobiphenyl	0.12	U
tetrachlorobiphenyl	0.21	U
pentachlorobiphenyl	0.23	U
hexachlorobiphenyl	0.21	U
heptachlorobiphenyl	0.18	U
octachlorobiphenyl	0.12	U
nonachlorobiphenyl	0.05	U
decachlorobiphenyl	0.03	U
Total PCBs	1.5	U

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	54	30 - 150

U = Not detected at reporting limit.

PCB Homologues in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: LCS092S / LCSD092S
 Sample Designation: Laboratory Control Sample Duplicate
 Date Sampled: 12/05/17 0830
 Date Extracted: 12/05/17 0830
 Date Analyzed: 01/08/18
 Matrix: Solid
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	LCS Reference Value (ug/Kg)	LCS Found (ug/Kg)	LCS Recovery (%)	LCS Recovery Limit (%)	LCSD Concentration (ug/Kg)	LCSD Recovery (%)	LCSD Recovery Limit (%)	Relative Difference (%)	RPD Limit (%)
chlorobiphenyl	0.72	0.35	49	30 - 150	0.429	60	30 - 150	11	30
dichlorobiphenyl	12.1	6.21	51	30 - 150	7.47	62	30 - 150	10	30
trichlorobiphenyl	41.2	22.4	54	30 - 150	27.1	66	30 - 150	11	30
tetrachlorobiphenyl	25.9	16.9	65	30 - 150	17.3	67	30 - 150	2	30
pentachlorobiphenyl	6.63	5.78	87	30 - 150	4.89	74	30 - 150	13	30
hexachlorobiphenyl	1.19	0.699	59	30 - 150	1.03	87	30 - 150	28	30
heptachlorobiphenyl	NC	NC	NC	30 - 150	NC	NC	30 - 150	NC	30
octachlorobiphenyl	NC	NC	NC	30 - 150	NC	NC	30 - 150	NC	30
nonachlorobiphenyl	NC	NC	NC	30 - 150	NC	NC	30 - 150	NC	30
decachlorobiphenyl	NC	NC	NC	30 - 150	NC	NC	30 - 150	NC	30
Total PCBs	87	52.4	60	30 - 150	58.2	67	30 - 150	7	30

Surrogate Standards	LCS Recovery (%)	Advisory Limits (%)	LCSD Recovery (%)	Advisory Limits (%)
2,2',3,3',4,5,5',6-octachlorobiphenyl	55	30 - 150	58	30 - 150

NC = Not calculated due to value less than five times the reporting limit.

PCB Homologues in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-023
 Sample Designation: SDPCB2050001 Laboratory Duplicate
 Date Sampled: 12/05/17 0830
 Date Extracted: 12/05/17 0830
 Date Analyzed: 01/12/18
 Matrix: Solid
 Moisture (%): 35
 Sample Amount (g): 20
 Final Volume (mL): 0.50
 Dilution Factor: 20

PCB Homolog	Duplicate Concentration (ug/Kg)	Duplicate Qualifier	Sample Concentration (ug/Kg)	Sample Qualifier	Relative Difference (%)	Limit (%)	Qual
chlorobiphenyl	1.38	U	2	U	NC	30	
dichlorobiphenyl	340		400		15	30	
trichlorobiphenyl	2600		2600		1	30	
tetrachlorobiphenyl	3800		4500		15	30	
pentachlorobiphenyl	2700		2400		11	30	
hexachlorobiphenyl	1000		750		30	30	
heptachlorobiphenyl	470		400		17	30	
octachlorobiphenyl	160		150		6	30	
nonachlorobiphenyl	47		34		34	30	J8
decachlorobiphenyl	0.46	U	1.9		NC	30	
Total PCBs	11000		11000		1	30	

Surrogate Standard	Recovery (%)	Recovery (%)	Advisory Limits (%)
PCB 198	65	79	30 - 150

U = Not detected at reporting limit.
 NC = Not calculated due to one or both values less than five times the reporting limit.
 J8 = DUP %RR above limit.

PCB Homologues in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-023
 Sample Designation: SDPCB2050001 (Matrix Spike Duplicate)
 Date Sampled: 12/05/17 0830
 Date Extracted: 12/05/17 0830
 Date Analyzed: 00/12/18
 Matrix: Solid
 Sample Amount (g): 20
 Final Volume (mL): 0.50
 Dilution Factor: 20

PCB Congener	Sample Concentration (ug/Kg)	Amount Added (ug/Kg)	Matrix Spike Concentration (ug/Kg)	Matrix Spike Recovery (%)	Matrix Spike Limit (%)	Matrix Spike Duplicate Concentration (ug/Kg)	Matrix Spike Duplicate Recovery (%)	Matrix Spike Duplicate Limit (%)	Relative Difference (%)	Limit (%)
chlorobiphenyl	ND	1.1	1.4	NC	30-150	ND	NC	30-150	NC	30
dichlorobiphenyl	400	19	320	NC	30-150	340	NC	30-150	5	30
trichlorobiphenyl	2600	63	2400	NC	30-150	2700	NC	30-150	14	30
tetrachlorobiphenyl	4500	40	4100	NC	30-150	3900	NC	30-150	6	30
pentachlorobiphenyl	2400	10	2400	NC	30-150	2500	NC	30-150	4	30
hexachlorobiphenyl	750	1.8	1000	NC	30-150	1000	NC	30-150	1	30
heptachlorobiphenyl	400	NA	370	NC	30-150	430	NC	30-150	15	30
octachlorobiphenyl	150	NA	150	NC	30-150	150	NC	30-150	NA	30
nonachlorobiphenyl	34	NA	34	NC	30-150	36	NC	30-150	NA	30
decachlorobiphenyl	1.9	NA	2.1	NC	30-150	3.6	NC	30-150	NA	30
Total PCBs	11000	130	11000	NC	30-150	11100	NC	30-150	3	30

Surrogate Standards	Matrix Spike Recovery (%)	Matrix Spike Duplicate Recovery (%)	Advisory Limits (%)
2,2',3,3',4,5,5',6-octachlorobiphenyl	58	71	30 - 150

NC = Not calculated due to spike value less than five times the reporting limit or sample concentration greater than five times the spike value.

Lab Number:	PB094S
Sample Designation:	Laboratory Blank
Date Sampled:	01/02/18 0900
Date Extracted:	01/02/18 0900
Date Analyzed:	01/08/18
Matrix:	Solid
Sample Amount (g):	20
Final Volume (mL)	0.50
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.05	U
dichlorobiphenyl	0.12	U
trichlorobiphenyl	0.12	U
tetrachlorobiphenyl	0.21	U
pentachlorobiphenyl	0.23	U
hexachlorobiphenyl	0.21	U
heptachlorobiphenyl	0.18	U
octachlorobiphenyl	0.12	U
nonachlorobiphenyl	0.05	U
decachlorobiphenyl	0.03	U
Total PCBs	1.5	U

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	55	30 - 150

PCB Homologues in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: LCS094S / LCSD094S
 Sample Designation: Laboratory Control Sample Duplicate
 Date Sampled: 01/02/18 0900
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/08/18
 Matrix: Solid
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	LCS Reference Value (ug/Kg)	LCS Found (ug/Kg)	LCS Recovery (%)	LCS Recovery Limit (%)	LCSD Concentration (ug/Kg)	LCSD Recovery (%)	LCSD Recovery Limit (%)	Relative Difference (%)	RPD Limit (%)
chlorobiphenyl	0.72	0.21	30	30 - 150	0.226	32	30 - 150	2	30
dichlorobiphenyl	12.1	4.76	39	30 - 150	5.31	44	30 - 150	5	30
trichlorobiphenyl	41.2	22.9	56	30 - 150	25.3	61	30 - 150	6	30
tetrachlorobiphenyl	25.9	16.7	64	30 - 150	18.2	70	30 - 150	6	30
pentachlorobiphenyl	6.63	5.36	81	30 - 150	5.28	80	30 - 150	1	30
hexachlorobiphenyl	1.19	1.01	85	30 - 150	0.747	63	30 - 150	22	30
heptachlorobiphenyl	NC	NC	NC	30 - 150	NC	NC	30 - 150	NC	30
octachlorobiphenyl	NC	NC	NC	30 - 150	NC	NC	30 - 150	NC	30
nonachlorobiphenyl	NC	NC	NC	30 - 150	NC	NC	30 - 150	NC	30
decachlorobiphenyl	NC	NC	NC	30 - 150	NC	NC	30 - 150	NC	30
Total PCBs	87	51.1	59	30 - 150	55.2	63	30 - 150	5	30

Surrogate Standards	LCS Recovery (%)	Advisory Limits (%)	LCSD Recovery (%)	Advisory Limits (%)
2,2',3,3',4,5,5',6-octachlorobiphenyl	60	30 - 150	60	30 - 150

NC = Not calculated due to value less than five times the reporting limit.

PCB Homologues in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-048
 Sample Designation: SDPCB2010405 Laboratory Duplicate
 Date Sampled: 12/05/17 0830
 Date Extracted: 12/05/17 0830
 Date Analyzed: 01/11/18
 Matrix: Solid
 Moisture (%): 40
 Sample Amount (g): 20
 Final Volume (mL): 0.50
 Dilution Factor: 1

PCB Homolog	Duplicate Concentration (ug/Kg)	Duplicate Qualifier	Sample Concentration (ug/Kg)	Sample Qualifier	Relative Difference (%)	Limit (%)
chlorobiphenyl	0.00	U	0.10	U	NC	30
dichlorobiphenyl	0.00	U	0.50	U	NC	30
trichlorobiphenyl	0.59	U	0.49		NC	30
tetrachlorobiphenyl	1.55		0.95		23	30
pentachlorobiphenyl	0.51	U	0.58		NC	30
hexachlorobiphenyl	0.20	U	0.36		NC	30
heptachlorobiphenyl	0.48	U	0.10		NC	30
octachlorobiphenyl	0.00	U	0.03		NC	30
nonachlorobiphenyl	0.00	U	0.10	U	NC	30
decachlorobiphenyl	0.00	U	0.05		NC	30
Total PCBs	3.32		2.8		8	30

Surrogate Standard	Recovery (%)	Recovery (%)	Advisory Limits (%)
PCB 198	51	64	30 - 150

U = Not detected at reporting limit.
 NC = Not calculated due to one or both values less than five times the reporting limit.

PCB Homologues in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-048
 Sample Designation: SDPCB2010405 (Matrix Spike Duplicate)
 Date Sampled: 01/02/18 0900
 Date Extracted: 01/02/18 0900
 Date Analyzed: 00/11/18
 Matrix: Solid
 Sample Amount (g): 20
 Final Volume (mL): 0.50
 Dilution Factor: 1

PCB Congener	Sample Concentration (ug/Kg)	Amount Added (ug/Kg)	Matrix Spike Concentration (ug/Kg)	Matrix Spike Recovery (%)	Matrix Spike Limit (%)	Matrix Spike Duplicate Concentration (ug/Kg)	Matrix Spike Duplicate Recovery (%)	Matrix Spike Duplicate Limit (%)	Relative Difference (%)	Limit (%)
chlorobiphenyl	0.08	1.2	0.64	53	30-150	0.7	54	30-150	3	30
dichlorobiphenyl	0.5	20	12	61	30-150	12	58	30-150	5	30
trichlorobiphenyl	0.49	69	39	56	30-150	41	59	30-150	4	30
tetrachlorobiphenyl	0.95	43	29	64	30-150	26	58	30-150	9	30
pentachlorobiphenyl	0.58	11	7.6	63	30-150	7	60	30-150	5	30
hexachlorobiphenyl	0.36	2	1.7	65	30-150	2	69	30-150	5	30
heptachlorobiphenyl	0.096	NA	0	NC	30-150	0	NC	30-150	NC	30
octachlorobiphenyl	0.028	NA	0	NC	30-150	0	NC	30-150	NC	30
nonachlorobiphenyl	0.1	NA	0.12	NC	30-150	0	NC	30-150	NC	30
decachlorobiphenyl	0.046	NA	0	NC	30-150	0.0	NC	30-150	NC	30
Total PCBs	2.8	150	91	60	30-150	90	59	30-150	2	30

Surrogate Standards	Matrix Spike Recovery (%)	Matrix Spike Duplicate Recovery (%)	Advisory Limits (%)
2,2',3,3',4,5,5',6-octachlorobiphenyl	60	54	30 - 150

NC = Not calculated due to spike value less than five times the reporting limit or sample concentration greater than five time the spike value.

PCB Homologues in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	PB095S
Sample Designation:	Laboratory Blank
Date Sampled:	01/02/18 0900
Date Extracted:	01/02/18 0900
Date Analyzed:	01/09/18
Matrix:	Solid
Sample Amount (g):	20
Final Volume (mL)	0.50
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.05	U
dichlorobiphenyl	0.12	U
trichlorobiphenyl	0.12	U
tetrachlorobiphenyl	0.21	U
pentachlorobiphenyl	0.23	U
hexachlorobiphenyl	0.21	U
heptachlorobiphenyl	0.18	U
octachlorobiphenyl	0.12	U
nonachlorobiphenyl	0.05	U
decachlorobiphenyl	0.03	U
Total PCBs	1.5	U

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	52	30 - 150

U = Not detected at reporting limit.

PCB Homologues in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: LCS095S / LCSD095S
 Sample Designation: Laboratory Control Sample Duplicate
 Date Sampled: 01/02/18 0900
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/09/18
 Matrix: Solid
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	LCS Reference Value (ug/Kg)	LCS Found (ug/Kg)	LCS Recovery (%)	LCS Recovery Limit (%)	LCSD Concentration (ug/Kg)	LCSD Recovery (%)	LCSD Recovery Limit (%)	Relative Difference (%)	RPD Limit (%)
chlorobiphenyl	0.72	0.36	50	30 - 150	0.22	30	30 - 150	20	30
dichlorobiphenyl	12	6.5	54	30 - 150	5.5	46	30 - 150	9	30
trichlorobiphenyl	41	22	54	30 - 150	25	61	30 - 150	7	30
tetrachlorobiphenyl	26	15	57	30 - 150	19	73	30 - 150	17	30
pentachlorobiphenyl	6.6	4.5	68	30 - 150	5.8	87	30 - 150	20	30
hexachlorobiphenyl	1.2	1.0	86	30 - 150	1.20	101	30 - 150	15	30
heptachlorobiphenyl	NC	NC	NC	30 - 150	NC	NC	30 - 150	NC	30
octachlorobiphenyl	NC	NC	NC	30 - 150	NC	NC	30 - 150	NC	30
nonachlorobiphenyl	NC	NC	NC	30 - 150	NC	NC	30 - 150	NC	30
decachlorobiphenyl	NC	NC	NC	30 - 150	NC	NC	30 - 150	NC	30
Total PCBs	87	49.6	57	30 - 150	57	65	30 - 150	8	30

Surrogate Standards	LCS Recovery (%)	Advisory Limits (%)	LCSD Recovery (%)	Advisory Limits (%)
2,2',3,3',4,5,5',6-octachlorobiphenyl	62	30 - 150	62	30 - 150

NC = Not calculated due to value less than five times the reporting limit.

PCB Homologues in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-074
 Sample Designation: SDPCB0050001 Laboratory Duplicate
 Date Sampled: 01/02/18 0900
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/13/18
 Matrix: Solid
 Moisture (%): 52
 Sample Amount (g): 20
 Final Volume (mL): 0.50
 Dilution Factor: 2

PCB Homolog	Duplicate Concentration (ug/Kg)	Duplicate Qualifier	Sample Concentration (ug/Kg)	Sample Qualifier	Relative Difference (%)	Limit (%)
chlorobiphenyl	0.3	U	0.3	U	NC	30
dichlorobiphenyl	26		22		17	30
trichlorobiphenyl	367		440		18	30
tetrachlorobiphenyl	954		1088		13	30
pentachlorobiphenyl	471		562		18	30
hexachlorobiphenyl	235		241		3	30
heptachlorobiphenyl	222		191		15	30
octachlorobiphenyl	113		126		10	30
nonachlorobiphenyl	45		43		4	30
decachlorobiphenyl	4.2		5.2		21	30
Total PCBs	2400		2700		11	30

Surrogate Standard	Recovery (%)	Recovery (%)	Advisory Limits (%)
PCB 198	98	120	30 - 150

U = Not detected at reporting limit.
 NC = Not calculated due to one or both values less than five times the reporting limit.

PCB Homologues in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-074
 Sample Designation: SDPCB0050001 (Matrix Spike Duplicate)
 Date Sampled: 01/02/18 0900
 Date Extracted: 01/02/18 0900
 Date Analyzed: 00/13/18
 Matrix: Solid
 Sample Amount (g): 20
 Final Volume (mL): 0.50
 Dilution Factor: 2

PCB Congener	Sample Concentration (ug/Kg)	Amount Added (ug/Kg)	Matrix Spike Concentration (ug/Kg)	Matrix Spike Recovery (%)	Matrix Spike Limit (%)	Matrix Spike Duplicate Concentration (ug/Kg)	Matrix Spike Duplicate Recovery (%)	Matrix Spike Duplicate Limit (%)	Relative Difference (%)	Limit (%)
chlorobiphenyl	ND	1.5	ND	NC	30-150	ND	NC	30-150	NC	30
dichlorobiphenyl	22	25	37	59	30-150	28	24	30-150	27	30
trichlorobiphenyl	440	85	560	NC	30-150	550	NC	30-150	1	30
tetrachlorobiphenyl	1100	54	1200	249	30-150	1200	NC	30-150	1	30
pentachlorobiphenyl	560	14	630	NC	30-150	640	NC	30-150	1	30
hexachlorobiphenyl	240	2.5	310	NC	30-150	280	NC	30-150	9	30
heptachlorobiphenyl	190	NA	251	NC	30-150	284	NC	30-150	12	30
octachlorobiphenyl	130	NA	132	NC	30-150	138	NC	30-150	NA	30
nonachlorobiphenyl	43	NA	42	NC	30-150	38	NC	30-150	NA	30
decachlorobiphenyl	5.2	NA	12	NC	30-150	ND	NC	30-150	NA	30
Total PCBs	2700	180	3200	NC	30-150	3200	NC	30-150	0	30

Surrogate Standards	Matrix Spike Recovery (%)	Matrix Spike Duplicate Recovery (%)	Advisory Limits (%)
2,2',3,3',4,5,5',6-octachlorobiphenyl	139	138	30 - 150

NC = Not calculated due to spike value less than five times the reporting limit or sample concentration greater than five time the spike value.

PCB Homologues in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	PB096S
Sample Designation:	Laboratory Blank
Date Sampled:	01/02/18 0900
Date Extracted:	01/02/18 0900
Date Analyzed:	01/09/18
Matrix:	Solid
Sample Amount (g):	20
Final Volume (mL)	0.50
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.05	U
dichlorobiphenyl	0.12	U
trichlorobiphenyl	0.12	U
tetrachlorobiphenyl	0.21	U
pentachlorobiphenyl	0.23	U
hexachlorobiphenyl	0.21	U
heptachlorobiphenyl	0.18	U
octachlorobiphenyl	0.12	U
nonachlorobiphenyl	0.05	U
decachlorobiphenyl	0.03	U
Total PCBs	1.5	U

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	60	30 - 150

U = Not detected at reporting limit.

Lab Number: LCS096S / LCSD096S
 Sample Designation: Laboratory Control Sample Duplicate
 Date Sampled: 01/02/18 0900
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/09/18
 Matrix: Solid
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	LCS Reference Value (ug/Kg)	LCS Found (ug/Kg)	LCS Recovery (%)	LCS Recovery Limit (%)	LCSD Concentration (ug/Kg)	LCSD Recovery (%)	LCSD Recovery Limit (%)	Relative Difference (%)	RPD Limit (%)
chlorobiphenyl	0.72	0.46	65	30 - 150	0.43	60	30 - 150	5	30
dichlorobiphenyl	12	8.9	74	30 - 150	9.4	78	30 - 150	4	30
trichlorobiphenyl	41	32	77	30 - 150	33	81	30 - 150	3	30
tetrachlorobiphenyl	26	22	86	30 - 150	24	93	30 - 150	8	30
pentachlorobiphenyl	6.6	6.0	91	30 - 150	6.1	92	30 - 150	1	30
hexachlorobiphenyl	1.2	1.2	97	30 - 150	1.08	91	30 - 150	6	30
heptachlorobiphenyl	NC	NC	NC	30 - 150	NC	NC	30 - 150	NC	30
octachlorobiphenyl	NC	NC	NC	30 - 150	NC	NC	30 - 150	NC	30
nonachlorobiphenyl	NC	NC	NC	30 - 150	NC	NC	30 - 150	NC	30
decachlorobiphenyl	NC	NC	NC	30 - 150	NC	NC	30 - 150	NC	30
Total PCBs	87	70.8	81	30 - 150	74.4	86	30 - 150	4	30

Surrogate Standards	LCS Recovery (%)	Advisory Limits (%)	LCSD Recovery (%)	Advisory Limits (%)
2,2',3,3',4,5,5',6-octachlorobiphenyl	66	30 - 150	71	30 - 150

NC = Not calculated due to value less than five times the reporting limit.

PCB Homologues in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-091
 Sample Designation: SDPCB3040506 Laboratory Duplicate
 Date Sampled: 01/02/18 0900
 Date Extracted: 01/02/18 0900
 Date Analyzed: 01/11/18
 Matrix: Solid
 Moisture (%): 39
 Sample Amount (g): 20
 Final Volume (mL): 0.50
 Dilution Factor: 1

PCB Homolog	Duplicate Concentration (ug/Kg)	Duplicate Qualifier	Sample Concentration (ug/Kg)	Sample Qualifier	Relative Difference (%)	Limit (%)
chlorobiphenyl	0.1	U	0.1	U	NC	30
dichlorobiphenyl	0.5	U	0.5	U	NC	30
trichlorobiphenyl	0.20		0.20		NC	30
tetrachlorobiphenyl	0.34		0.24		NC	30
pentachlorobiphenyl	0.16		0.15		NC	30
hexachlorobiphenyl	2	U	2	U	NC	30
heptachlorobiphenyl	1	U	1	U	NC	30
octachlorobiphenyl	0.5	U	0.5	U	NC	30
nonachlorobiphenyl	0.1	U	0.1	U	NC	30
decachlorobiphenyl	0.04	U	0.04	U	NC	30
Total PCBs	0.70		0.59		NC	30

Surrogate Standard	Recovery (%)	Recovery (%)	Advisory Limits (%)
PCB 198	76	63	30 - 150

U = Not detected at reporting limit.
 NC = Not calculated due to one or both values less than five times the reporting limit.

PCB Homologues in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number: 29853-091
 Sample Designation: SDPCB3040506 (Matrix Spike Duplicate)
 Date Sampled: 01/02/18 0900
 Date Extracted: 01/02/18 0900
 Date Analyzed: 00/11/18
 Matrix: Solid
 Sample Amount (g): 20
 Final Volume (mL): 0.50
 Dilution Factor: 1

PCB Congener	Sample Concentration (ug/Kg)	Amount Added (ug/Kg)	Matrix Spike Concentration (ug/Kg)	Matrix Spike Recovery (%)	Matrix Spike Limit (%)	Matrix Spike Duplicate Concentration (ug/Kg)	Matrix Spike Duplicate Recovery (%)	Matrix Spike Duplicate Limit (%)	Relative Difference (%)	Limit (%)
chlorobiphenyl	ND	1.2	0.87	75	30-150	0.75	65	30-150	NC	30
dichlorobiphenyl	ND	20	18	91	30-150	14	71	30-150	24	30
trichlorobiphenyl	0.20	67	55	81	30-150	47	70	30-150	15	30
tetrachlorobiphenyl	0.24	42	36	86	30-150	32	75	30-150	14	30
pentachlorobiphenyl	0.15	11	11	97	30-150	9.3	85	30-150	13	30
hexachlorobiphenyl	ND	1.9	1.9	97	30-150	1.8	91	30-150	7	30
heptachlorobiphenyl	ND	NA	ND	NC	30-150	ND	NC	30-150	NC	30
octachlorobiphenyl	ND	NA	ND	NC	30-150	ND	NC	30-150	NC	30
nonachlorobiphenyl	ND	NA	ND	NC	30-150	ND	NC	30-150	NC	30
decachlorobiphenyl	ND	NA	ND	NC	30-150	ND	NC	30-150	NC	30
Total PCBs	0.59	140	120	87	30-150	100	70	30-150	21	30

Surrogate Standards	Matrix Spike Recovery (%)	Matrix Spike Duplicate Recovery (%)	Advisory Limits (%)
2,2',3,3',4,5,5',6-octachlorobiphenyl	68	62	30 - 150

NC = Not calculated due to spike value less than five times the reporting limit or sample concentration greater than five time the spike value.

ESI EnviroSystems, Inc.

PCB Homologues in Sediment
 SW 846 8082/EPA 8270 SIM modified

Lab Number:	PB097S
Sample Designation:	Laboratory Blank
Date Sampled:	01/03/17 1500
Date Extracted:	01/03/17 1500
Date Analyzed:	01/09/18
Matrix:	Solid
Sample Amount (g):	20
Final Volume (mL)	0.50
Dilution Factor:	1

PCB Homolog	Concentration (ug/Kg)	Qualifier
chlorobiphenyl	0.05	U
dichlorobiphenyl	0.12	U
trichlorobiphenyl	0.12	U
tetrachlorobiphenyl	0.21	U
pentachlorobiphenyl	0.23	U
hexachlorobiphenyl	0.21	U
heptachlorobiphenyl	0.18	U
octachlorobiphenyl	0.12	U
nonachlorobiphenyl	0.05	U
decachlorobiphenyl	0.03	U
Total PCBs	1.5	U

Surrogate Standards	Recovery (%)	Advisory Limits (%)
PCB 198	64	30 - 150

Estimated detection limit per congener is 0.5 ug/Kg.

Lab Number: LCS097S / LCSD097S
 Sample Designation: Laboratory Control Sample Duplicate
 Date Sampled: 01/03/17 1500
 Date Extracted: 01/03/17 1500
 Date Analyzed: 01/09/18
 Matrix: Solid
 Sample Amount (g): 20
 Final Volume (mL): 0.5
 Dilution Factor: 1

PCB Homolog	LCS Reference Value (ug/Kg)	LCS Found (ug/Kg)	LCS Recovery (%)	LCS Recovery Limit (%)	LCSD Concentration (ug/Kg)	LCSD Recovery (%)	LCSD Recovery Limit (%)	Relative Difference (%)	RPD Limit (%)
chlorobiphenyl	0.72	0.43	60	30 - 150	0.441	62	30 - 150	1	30
dichlorobiphenyl	12.1	8.68	72	30 - 150	8.55	71	30 - 150	1	30
trichlorobiphenyl	41.2	33.3	81	30 - 150	31.6	77	30 - 150	4	30
tetrachlorobiphenyl	25.9	23.2	90	30 - 150	20.9	81	30 - 150	9	30
pentachlorobiphenyl	6.63	5.75	87	30 - 150	6.07	92	30 - 150	5	30
hexachlorobiphenyl	1.19	0.971	82	30 - 150	1.14	96	30 - 150	14	30
heptachlorobiphenyl	NC	NC	NC	30 - 150	NC	NC	30 - 150	NC	30
octachlorobiphenyl	NC	NC	NC	30 - 150	NC	NC	30 - 150	NC	30
nonachlorobiphenyl	NC	NC	NC	30 - 150	NC	NC	30 - 150	NC	30
decachlorobiphenyl	NC	NC	NC	30 - 150	NC	NC	30 - 150	NC	30
Total PCBs	87	72.6	83	30 - 150	68.9	79	30 - 150	4	30

Surrogate Standards	LCS Recovery (%)	Advisory Limits (%)	LCSD Recovery (%)	Advisory Limits (%)
2,2',3,3',4,5,5',6-octachlorobiphenyl	74	30 - 150	70	30 - 150

NC = Not calculated due to value less than five times the reporting limit.

Batch	Date	Matrix	Code	Lab ID	Initial Wt (g)	Primary FV (mL)	Dil factor	F1(fin/strt*prim) HOM FV mL	SS conc (ug/mL)	SS mL mL	SS ID ID	MS conc (ug/mL)	MS mL mL	MS ID ID	Solvent/Acid ID	Clean Up
089S	11/14/17 1500	Solid	PB	PB089S	20	0.5		0.5	2	0.05	o7385				A-4886 / A-4707	Acid
089S	11/14/17 1500	Solid	LCS	LCS089S	20	0.5		0.5	2	0.05	o7385	10	0.025	o6563	A-4886 / A-4707	Acid
089S	11/14/17 1500	Solid	LCSD	LCSD089S	20	0.5		0.5	2	0.05	o7385	10	0.025	o6563	A-4886 / A-4707	Acid
089S	11/14/17 1500	Solid	S1	29853-001	20	0.5		0.5	2	0.05	o7385				A-4886 / A-4707	Acid
089S	11/14/17 1500	Solid	S2	29853-002	20	0.5		0.5	2	0.05	o7385				A-4886 / A-4707	Acid
089S	11/14/17 1500	Solid	S3	29853-003	20	0.5		0.5	2	0.05	o7385				A-4886 / A-4707	Acid
089S	11/14/17 1500	Solid	S4	29853-004	20	0.5		0.5	2	0.05	o7385				A-4886 / A-4707	Acid
089S	11/14/17 1500	Solid	S5	29853-005	20	0.5		0.5	2	0.05	o7385				A-4886 / A-4707	Acid
089S	11/14/17 1500	Solid	S6	29853-006	20	0.5		0.5	2	0.05	o7385				A-4886 / A-4707	Acid
089S	11/14/17 1500	Solid	S7	29853-007	20	0.5		0.5	2	0.05	o7385				A-4886 / A-4707	Acid
089S	11/14/17 1500	Solid	S8	29853-008	20	0.5		0.5	2	0.05	o7385				A-4886 / A-4707	Acid
089S	11/14/17 1500	Solid	S9	29853-009	20	0.5		0.5	2	0.05	o7385				A-4886 / A-4707	Acid
089S	11/14/17 1500	Solid	S10	29853-010	20	0.5		0.5	2	0.05	o7385				A-4886 / A-4707	Acid
089S	11/14/17 1500	Solid	S11	29853-011	20	0.5		0.5	2	0.05	o7385				A-4886 / A-4707	Acid
089S	11/14/17 1500	Solid	S12	29853-012	20	0.5		0.5	2	0.05	o7385				A-4886 / A-4707	Acid
089S	11/14/17 1500	Solid	S13	29853-013	20	0.5		0.5	2	0.05	o7385				A-4886 / A-4707	Acid
089S	11/14/17 1500	Solid	S14	29853-014	20	0.5		0.5	2	0.05	o7385				A-4886 / A-4707	Acid
089S	11/14/17 1500	Solid	S15	29853-015	20	0.5		0.5	2	0.05	o7385				A-4886 / A-4707	Acid
089S	11/14/17 1500	Solid	S16	29853-016	20	0.5		0.5	2	0.05	o7385				A-4886 / A-4707	Acid
089S	11/14/17 1500	Solid	S17	29853-017	20	0.5		0.5	2	0.05	o7385				A-4886 / A-4707	Acid
089S	11/14/17 1500	Solid	S18	29853-018	20	0.5		0.5	2	0.05	o7385				A-4886 / A-4707	Acid
089S	11/14/17 1500	Solid	S18MS	29853-018MS	20	0.5		0.5	2	0.05	o7385	10	0.025	o6563	A-4886 / A-4707	Acid
089S	11/14/17 1500	Solid	S18MSD	29853-018MSD	20	0.5		0.5	2	0.05	o7385	10	0.025	o6563	A-4886 / A-4707	Acid
089S	11/14/17 1500	Solid	S19	29853-019	20	0.5		0.5	2	0.05	o7385				A-4886 / A-4707	Acid
089S	11/14/17 1500	Solid	S20	29853-020	20	0.5		0.5	2	0.05	o7385				A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	PB	PB092S	20	0.5		0.5	2	0.1	o7385				A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	LCS	LCS092S	20	0.5		0.5	2	0.1	o7385	10	0.1	o6563	A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	LCSD	LCSD092S	20	0.5		0.5	2	0.1	o7385	10	0.1	o6563	A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	S1	29853-023	20	0.5		0.5	2	0.1	o7385				A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	S1D	29853-023D	20	0.5		0.5	2	0.1	o7385				A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	S1MS	29853-023MS	20	0.5		0.5	2	0.1	o7385	10	0.1	o6563	A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	S1MSD	29853-023MSD	20	0.5		0.5	2	0.1	o7385	10	0.1	o6563	A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	S2	29853-024	20	0.5		0.5	2	0.1	o7385				A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	S3	29853-025	20	0.5		0.5	2	0.1	o7385				A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	S4	29853-026	20	0.5		0.5	2	0.1	o7385				A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	S5	29853-027	20	0.5		0.5	2	0.1	o7385				A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	S6	29853-028	20	0.5		0.5	2	0.1	o7385				A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	S7	29853-029	20	0.5		0.5	2	0.1	o7385				A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	S8	29853-030	20	0.5		0.5	2	0.1	o7385				A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	S9	29853-031	20	0.5		0.5	2	0.1	o7385				A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	S10	29853-032	20	0.5		0.5	2	0.1	o7385				A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	S11	29853-033	20	0.5		0.5	2	0.1	o7385				A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	S12	29853-034	20	0.5		0.5	2	0.1	o7385				A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	S13	29853-035	20	0.5		0.5	2	0.1	o7385				A-4886 / A-4707	Acid

092S	12/05/17 0830	Solid	S14	29853-036	20	0.5		0.5	2	0.1	o7385				A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	S15	29853-039	20	0.5		0.5	2	0.1	o7385				A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	S16	29853-040	20	0.5		0.5	2	0.1	o7385				A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	S17	29853-041	20	0.5		0.5	2	0.1	o7385				A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	S18	29853-042	20	0.5		0.5	2	0.1	o7385				A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	S19	29853-043	20	0.5		0.5	2	0.1	o7385				A-4886 / A-4707	Acid
092S	12/05/17 0830	Solid	S20	29853-044	20	0.5		0.5	2	0.1	o7385				A-4886 / A-4707	Acid
093S	12/27/17 1500	Solid	PB	PB093S	4	0.4		0.5	2	0.04	o7137R				A-4886 / A-4707	Acid
094S	01/02/18 0900	Solid	PB	PB094S	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	LCS	LCS094S	20	0.5		0.5	2	0.1	o7385	10	0.1	o6563	A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	LCSD	LCSD094S	20	0.5		0.5	2	0.1	o7385	10	0.1	o6563	A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	S1	29853-045	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	S2	29853-046	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	S3	29853-047	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	S4	29853-048	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	S4D	29853-048D	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	S4MS	29853-048MS	20	0.5		0.5	2	0.1	o7385	10	0.1	o6563	A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	S4MSD	29853-048MSD	20	0.5		0.5	2	0.1	o7385	10	0.1	o6563	A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	S5	29853-051	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	S6	29853-052	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	S7	29853-053	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	S8	29853-054	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	S9	29853-055	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	S10	29853-056	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	S11	29853-057	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	S12	29853-058	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	S13	29853-059	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	S14	29853-060	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	S15	29853-061	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	S16	29853-062	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	S17	29853-063	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	S18	29853-064	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	S19	29853-065	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
094S	01/02/18 0900	Solid	S20	29853-066	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
095S	01/02/18 0900	Solid	PB	PB095S	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
095S	01/02/18 0900	Solid	LCS	LCS095S	20	0.5		0.5	2	0.1	o7385	10	0.1	o6563	A-4912 / A-4707	Acid
095S	01/02/18 0900	Solid	LCSD	LCSD095S	20	0.5		0.5	2	0.1	o7385	10	0.1	o6563	A-4912 / A-4707	Acid
095S	01/02/18 0900	Solid	S1	29853-067	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
095S	01/02/18 0900	Solid	S2	29853-068	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
095S	01/02/18 0900	Solid	S3	29853-069	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
095S	01/02/18 0900	Solid	S4	29853-070	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
095S	01/02/18 0900	Solid	S5	29853-071	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
095S	01/02/18 0900	Solid	S6	29853-072	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
095S	01/02/18 0900	Solid	S7	29853-073	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
095S	01/02/18 0900	Solid	S8	29853-074	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
095S	01/02/18 0900	Solid	S8D	29853-074D	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid

0955	01/02/18 0900	Solid	S8MS	29853-074MS	20	0.5		0.5	2	0.1	o7385	10	0.1	o6563	A-4912 / A-4707	Acid
0955	01/02/18 0900	Solid	S8MSD	29853-074MSD	20	0.5		0.5	2	0.1	o7385	10	0.1	o6563	A-4912 / A-4707	Acid
0955	01/02/18 0900	Solid	S9	29853-077	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0955	01/02/18 0900	Solid	S10	29853-078	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0955	01/02/18 0900	Solid	S11	29853-079	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0955	01/02/18 0900	Solid	S12	29853-080	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0955	01/02/18 0900	Solid	S13	29853-081	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0955	01/02/18 0900	Solid	S14	29853-082	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0955	01/02/18 0900	Solid	S15	29853-083	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0955	01/02/18 0900	Solid	S16	29853-084	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0955	01/02/18 0900	Solid	S17	29853-085	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0955	01/02/18 0900	Solid	S18	29853-086	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0955	01/02/18 0900	Solid	S19	29853-087	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0955	01/02/18 0900	Solid	S20	29853-088	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	PB	PB0965	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	LCS	LCS0965	20	0.5		0.5	2	0.1	o7385	10	0.1	o6563	A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	LCS	LCS0965	20	0.5		0.5	2	0.1	o7385	10	0.1	o6563	A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	S1	29853-089	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	S2	29853-090	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	S3	29853-091	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	S3D	29853-091D	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	S3MS	29853-091MS	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	S3MSD	29853-091MSD	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	S4	29853-094	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	S5	29853-095	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	S6	29853-096	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	S7	29853-097	20	0.5		0.5	2	0.1	o7385	10	0.1	o6563	A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	S8	29853-098	20	0.5		0.5	2	0.1	o7385	10	0.1	o6563	A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	S9	29853-099	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	S10	29853-100	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	S11	29853-101	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	S12	29853-102	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	S13	29853-103	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	S14	29853-104	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	S15	29853-105	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	S16	29853-107	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	S17	29853-108	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	S18	29853-109	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	S19	29853-110	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0965	01/02/18 0900	Solid	S20	29853-111	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0975	01/03/17 1500	Solid	PB	PB0975	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
0975	01/03/17 1500	Solid	LCS	LCS0975	20	0.5		0.5	2	0.1	o7385	10	0.1	o6563	A-4912 / A-4707	Acid
0975	01/03/17 1500	Solid	LCS	LCS0975	20	0.5		0.5	2	0.1	o7385	10	0.1	o6563	A-4912 / A-4707	Acid
0975	01/03/17 1500	Solid	S1	29853-112	20	0.5		0.5	2	0.1	o7385				A-4912 / A-4707	Acid
031W	10/27/17 0900	Water	PB	PB031W	1000	0.5		0.5	2	0.05	o7385				A-4877	NA
031W	10/27/17 0900	Water	LCS	LCS031W	1000	0.5		0.5	2	0.05	o7385	10	0.025	o6563	A-4877	NA

031W	10/27/17 0900	Water	LCSD	LCSD031W	1000	0.5		0.5	2	0.05	o7385	10	0.025	o6563	A-4877	NA
031W	10/27/17 0900	Water	S1	29853-106	960	0.5		0.5	2	0.05	o7385				A-4877	NA
031W	10/27/17 0900	Water	S2	29853-113	950	0.5		0.5	2	0.05	o7385				A-4877	NA
031W	10/27/17 0900	Water	S3	29852-100	990	0.5		0.5	2	0.05	o7385				A-4877	NA
031W	10/27/17 0900	Water	S4	29852-101	990	0.5		0.5	2	0.05	o7385				A-4877	NA
031W	10/27/17 0900	Water	S4D	29852-101D	990	0.5		0.5	2	0.05	o7385				A-4877	NA
031W	10/27/17 0900	Water	S4MS	29852-101M5	980	0.5		0.5	2	0.05	o7385	10	0.025	o6563	A-4877	NA
031W	10/27/17 0900	Water	S5	29852-102	990	0.5		0.5	2	0.05	o7385				A-4877	NA
031W	10/27/17 0900	Water	S6	29852-103	990	0.5		0.5	2	0.05	o7385				A-4877	NA
031W	10/27/17 0900	Water	S7	29852-104	990	0.5		0.5	2	0.05	o7385				A-4877	NA
278W	11/05/17 1430	Water	PB	PB278W	25	25	1		NA	NA	NA					NA
278W	11/05/17 1430	Water	LCS	LCS278W	25	25	1		NA	NA	NA		0.1	A-4501L400		NA
278W	11/05/17 1430	Water	LCSD	LCSD278W	25	25	1		NA	NA	NA		0.1	A-4501L400		NA
278W	11/05/17 1430	Water	S1	29845-030	25	25	1		NA	NA	NA					NA
278W	11/05/17 1430	Water	S1D	29845-030D	25	25	1		NA	NA	NA					NA
278W	11/05/17 1430	Water	S1S	29845-030S	25	25	1		NA	NA	NA		0.1	A-4501L400		NA
278W	11/05/17 1430	Water	S1SD	29845-030SD	25	25	1		NA	NA	NA		0.1	A-4501L400		NA
278W	11/05/17 1430	Water	S2	29875-002	25	25	1		NA	NA	NA					NA
278W	11/05/17 1430	Water	S3	29875-005	25	25	1		NA	NA	NA					NA
278W	11/05/17 1430	Water	S4	29875-008	25	25	1		NA	NA	NA					NA
278W	11/05/17 1430	Water	S5	29875-011	25	25	1		NA	NA	NA					NA
278W	11/05/17 1430	Water	S6	29875-014	25	25	1		NA	NA	NA					NA
278W	11/05/17 1430	Water	S7	29875-017	25	25	1		NA	NA	NA					NA
278W	11/05/17 1430	Water	S8	29875-020	25	25	1		NA	NA	NA					NA
278W	11/05/17 1430	Water	S9	29875-023	25	25	1		NA	NA	NA					NA
278W	11/05/17 1430	Water	S10	29875-026	25	25	1		NA	NA	NA					NA
278W	11/05/17 1430	Water	S1	29853-106	25	25	1		NA	NA	NA					NA
278W	11/05/17 1430	Water	S1D	29853-106D	25	25	1		NA	NA	NA					NA
278W	11/05/17 1430	Water	S1S	29853-106S	25	25	1		NA	NA	NA		0.1	A-4501L400		NA
278W	11/05/17 1430	Water	S1SD	29853-106SD	25	25	1		NA	NA	NA		0.1	A-4501L400		NA
278W	11/05/17 1430	Water	S2	29853-113	25	25	1		NA	NA	NA					NA
278W	11/05/17 1430	Water	S3	29881-005	25	25	1		NA	NA	NA					NA
278W	11/05/17 1430	Water	S4	29883-009	25	25	1		NA	NA	NA					NA
278W	11/05/17 1430	Water	S5	29910-001	25	25	1		NA	NA	NA					NA
282S	11/21/17 1600	Water	ICAL	ICAL 10	25	25	25		NA	NA	NA		0.01	A-4501L400		NA
282S	11/21/17 1600	Water	ICAL	ICAL 25	25	25	25		NA	NA	NA		0.025	A-4501L400		NA
282S	11/21/17 1600	Water	ICAL	ICAL 100	25	25	25		NA	NA	NA		0.1	A-4501L400		NA
282S	11/21/17 1600	Water	ICAL	ICAL 250	25	25	25		NA	NA	NA		0.25	A-4501L400		NA
282S	11/21/17 1600	Water	ICAL	ICAL 500	25	25	25		NA	NA	NA		0.5	A-4501L400		NA
282S	11/21/17 1600	Water	ICAL	ICAL 1000	25	25	25		NA	NA	NA		1	A-4501L400		NA
282S	11/21/17 1600	Water	ICV	ICV 200	25	25	25		NA	NA	NA		0.5	A-4501L400		NA
282S	11/21/17 1600	Water	ICB	ICB 0.0	25	25	25		NA	NA	NA					NA
282S	11/21/17 1600	Water	RL	RL0068 - 5	25	25	25		NA	NA	NA		0.0125	A-4501L400		NA
282S	11/16/17 1600	Solid	PB	PB282S	5	25	25		NA	NA	NA					NA
282S	11/16/17 1600	Solid	LCS	LCS282S	0.5	25	25		NA	NA	NA					NA
282S	11/16/17 1600	Solid	LCSD	LCSD282S	0.5	25	25		NA	NA	NA					NA

282S	11/16/17 1600	Solid	S1	29853-034	2.5	25	25			NA	NA	NA				NA	NA
282S	11/16/17 1600	Solid	S1D	29853-034D	2.5	25	25			NA	NA	NA				NA	NA
282S	11/16/17 1600	Solid	S1S	29853-034S	0.5	25	25			NA	NA	NA				NA	NA
282S	11/16/17 1600	Solid	S1SD	29853-034SD	0.5	25	25			NA	NA	NA				NA	NA
282S	11/16/17 1600	Solid	S2	29853-022	2.5	25	25			NA	NA	NA				NA	NA
282S	11/16/17 1600	Solid	S3	29853-025	2.5	25	25			NA	NA	NA				NA	NA
282S	11/16/17 1600	Solid	S4	29853-026	2.5	25	25			NA	NA	NA				NA	NA
282S	11/16/17 1600	Solid	S5	29853-027	2.5	25	25			NA	NA	NA				NA	NA
282S	11/16/17 1600	Solid	S6	29853-028	2.5	25	25			NA	NA	NA				NA	NA
282S	11/16/17 1600	Solid	S7	29853-029	2.5	25	25			NA	NA	NA				NA	NA
282S	11/16/17 1600	Solid	S8	29853-030	2.5	25	25			NA	NA	NA				NA	NA
282S	11/16/17 1600	Solid	S9	29853-031	2.5	25	25			NA	NA	NA				NA	NA
282S	11/16/17 1600	Solid	S10	29853-032	2.5	25	25			NA	NA	NA				NA	NA
282S	11/16/17 1600	Solid	S11	29853-033	2.5	25	25			NA	NA	NA				NA	NA
282S	11/16/17 1600	Solid	S12	29853-035	2.5	25	25			NA	NA	NA				NA	NA
282S	11/16/17 1600	Solid	S13	29853-036	2.5	25	25			NA	NA	NA				NA	NA
282S	11/16/17 1600	Solid	S14	29853-039	2.5	25	25			NA	NA	NA				NA	NA
282S	11/16/17 1600	Solid	S15	29853-040	2.5	25	25			NA	NA	NA				NA	NA
282S	11/16/17 1600	Solid	S16	29853-041	2.5	25	25			NA	NA	NA				NA	NA
282S	11/16/17 1600	Solid	S17	29853-042	2.5	25	25			NA	NA	NA				NA	NA
282S	11/16/17 1600	Solid	SRM	SRM282S	0.5	25	25			NA	NA	NA				NA	NA
283S	11/16/17 1600	Solid	PB	PB283S	5	25	25			NA	NA	NA				NA	NA
283S	11/16/17 1600	Solid	LCS	LCS283S	0.5	25	25			NA	NA	NA				NA	NA
283S	11/16/17 1600	Solid	LCSD	LCSD283S	0.5	25	25			NA	NA	NA				NA	NA
283S	11/16/17 1600	Solid	S1	29853-048	2.5	25	25			NA	NA	NA				NA	NA
283S	11/16/17 1600	Solid	S1D	29853-048D	2.5	25	25			NA	NA	NA				NA	NA
283S	11/16/17 1600	Solid	S1S	29853-048S	0.5	25	25			NA	NA	NA				NA	NA
283S	11/16/17 1600	Solid	S1SD	29853-048SD	0.5	25	25			NA	NA	NA				NA	NA
283S	11/16/17 1600	Solid	S2	29853-043	2.5	25	25			NA	NA	NA				NA	NA
283S	11/16/17 1600	Solid	S3	29853-051	2.5	25	25			NA	NA	NA				NA	NA
283S	11/16/17 1600	Solid	S4	29853-052	2.5	25	25			NA	NA	NA				NA	NA
283S	11/16/17 1600	Solid	S5	29853-053	2.5	25	25			NA	NA	NA				NA	NA
283S	11/16/17 1600	Solid	S6	29853-059	2.5	25	25			NA	NA	NA				NA	NA
283S	11/16/17 1600	Solid	S7	29853-060	2.5	25	25			NA	NA	NA				NA	NA
283S	11/16/17 1600	Solid	S8	29853-061	2.5	25	25			NA	NA	NA				NA	NA
283S	11/16/17 1600	Solid	S9	29853-062	2.5	25	25			NA	NA	NA				NA	NA
283S	11/16/17 1600	Solid	S10	29853-063	2.5	25	25			NA	NA	NA				NA	NA
283S	11/16/17 1600	Solid	S11	29853-064	2.5	25	25			NA	NA	NA				NA	NA
283S	11/16/17 1600	Solid	S12	29853-065	2.5	25	25			NA	NA	NA				NA	NA
283S	11/16/17 1600	Solid	S13	29853-066	2.5	25	25			NA	NA	NA				NA	NA
283S	11/16/17 1600	Solid	S14	29853-070	2.5	25	25			NA	NA	NA				NA	NA
283S	11/16/17 1600	Solid	S15	29853-071	2.5	25	25			NA	NA	NA				NA	NA
283S	11/16/17 1600	Solid	S16	29853-072	2.5	25	25			NA	NA	NA				NA	NA
283S	11/16/17 1600	Solid	S17	29853-073	2.5	25	25			NA	NA	NA				NA	NA
283S	11/16/17 1600	Solid	SRM	SRM283S	0.5	25	25			NA	NA	NA				NA	NA
284S	11/16/17 1600	Solid	PB	PB284S	5	25	25			NA	NA	NA				NA	NA

284S	11/16/17 1600	Solid	LCS	LCS284S	0.5	25	25			NA	NA	NA					NA	NA
284S	11/16/17 1600	Solid	LCSD	LCSD284S	0.5	25	25			NA	NA	NA					NA	NA
284S	11/16/17 1600	Solid	S1	29853-091	2.5	25	25			NA	NA	NA					NA	NA
284S	11/16/17 1600	Solid	S1D	29853-091D	2.5	25	25			NA	NA	NA					NA	NA
284S	11/16/17 1600	Solid	S1S	29853-091S	0.5	25	25			NA	NA	NA					NA	NA
284S	11/16/17 1600	Solid	S1SD	29853-091SD	0.5	25	25			NA	NA	NA					NA	NA
284S	11/16/17 1600	Solid	S2	29853-081	2.5	25	25			NA	NA	NA					NA	NA
284S	11/16/17 1600	Solid	S3	29853-082	2.5	25	25			NA	NA	NA					NA	NA
284S	11/16/17 1600	Solid	S4	29853-083	2.5	25	25			NA	NA	NA					NA	NA
284S	11/16/17 1600	Solid	S5	29853-084	2.5	25	25			NA	NA	NA					NA	NA
284S	11/16/17 1600	Solid	S6	29853-085	2.5	25	25			NA	NA	NA					NA	NA
284S	11/16/17 1600	Solid	S7	29853-089	2.5	25	25			NA	NA	NA					NA	NA
284S	11/16/17 1600	Solid	S8	29853-090	2.5	25	25			NA	NA	NA					NA	NA
284S	11/16/17 1600	Solid	S9	29853-094	2.5	25	25			NA	NA	NA					NA	NA
284S	11/16/17 1600	Solid	S10	29853-095	2.5	25	25			NA	NA	NA					NA	NA
284S	11/16/17 1600	Solid	S11	29853-098	2.5	25	25			NA	NA	NA					NA	NA
284S	11/16/17 1600	Solid	S12	29853-099	2.5	25	25			NA	NA	NA					NA	NA
284S	11/16/17 1600	Solid	S13	29853-100	2.5	25	25			NA	NA	NA					NA	NA
284S	11/16/17 1600	Solid	S14	29853-101	2.5	25	25			NA	NA	NA					NA	NA
284S	11/16/17 1600	Solid	S15	29853-102	2.5	25	25			NA	NA	NA					NA	NA
284S	11/16/17 1600	Solid	SRM	SRM284S	0.5	25	25			NA	NA	NA					NA	NA
284S	11/21/17 1600	Water	CCV x 8	CCV 100	25	25	25			NA	NA	NA		0.1	A-4501 L400		NA	NA
284S	11/21/17 1600	Water	CCB x 8	CCB 0	25	25	25			NA	NA	NA					NA	NA

SAMPLE RECEIPT AND CONDITION DOCUMENTATION

STUDY NO: 29853
 SDG No: AMEC Foster Wheeler
 Project: SAEP Tidal Flats FS, Stratford, CT
 Delivered via: FedEX
 Date and Time Received: 10/20/17 0830 Date and Time Logged into Lab: 10/24/17 1518
 Received By: AM Logged into Lab by: AM
 Air bill / Way bill: No Air bill included in folder if received? NA
 Cooler on ice/packs: Yes Custody Seals present? NA
 Cooler Blank Temp (C) at arrival: 2 Custody Seals intact? NA
 Number of COC Pages: 16
 COC Serial Number(s): 4552
 COC Complete: Yes Does the info on the COC match the samples? Yes
 Sampled Date: Yes Were samples received within holding time? Yes
 Field ID complete: Yes Were all samples properly labeled? Yes
 Sampled Time: Yes Were proper sample containers used? Yes
 Analysis request: Yes Were samples received intact? (none broken or leaking) Yes
 COC Signed and dated: Yes Were sample volumes sufficient for requested analysis? Yes
 Were all samples received? Yes Were VOC vials free of headspace? NA
 Client notification/authorization: Not required pH Test strip ID number: NA

Field ID	Lab ID	Mx	Analysis Requested	Bottle	Req'd Pres'n	Verified Pres'n
SDPCB0010001	29853-001	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0010102	29853-002	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0020001	29853-003	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0020102	29853-004	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0030001	29853-005	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0030102	29853-006	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1010001	29853-007	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1010102	29853-008	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1020001	29853-009	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1020102	29853-010	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1020102DP	29853-011	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1030001	29853-012	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1030102	29853-013	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1040001	29853-014	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1040102	29853-015	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1050001	29853-016	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1050102	29853-017	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1060001	29853-018	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1060001MS	29853-019	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1060001MSD	29853-020	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1060102	29853-021	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB4010405DP	29853-022	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB2050001	29853-023	S	PCB680 Homolog	16 oz G	4 C	Yes

Notes and qualifications:

SAMPLE RECEIPT AND CONDITION DOCUMENTATION

STUDY NO: 29853
 SDG No: AMEC Foster Wheeler
 Project: SAEP Tidal Flats FS, Stratford, CT
 Delivered via: FedEX
 Date and Time Received: 10/20/17 0830 Date and Time Logged into Lab: 10/24/17 1518
 Received By: AM Logged into Lab by: AM
 Air bill / Way bill: No Air bill included in folder if received? NA
 Cooler on ice/packs: Yes Custody Seals present? NA
 Cooler Blank Temp (C) at arrival: 2 Custody Seals intact? NA
 Number of COC Pages: 16
 COC Serial Number(s): 4552
 COC Complete: Yes Does the info on the COC match the samples? Yes
 Sampled Date: Yes Were samples received within holding time? Yes
 Field ID complete: Yes Were all samples properly labeled? Yes
 Sampled Time: Yes Were proper sample containers used? Yes
 Analysis request: Yes Were samples received intact? (none broken or leaking) Yes
 COC Signed and dated: Yes Were sample volumes sufficient for requested analysis? Yes
 Were all samples received? Yes Were VOC vials free of headspace? NA
 Client notification/authorization: Not required pH Test strip ID number: NA

Field ID	Lab ID	Mx	Analysis Requested	Bottle	Req'd Pres'n	Verified Pres'n
SDPCB2050102	29853-024	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB2050405	29853-025	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB2050506	29853-026	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB2050607	29853-027	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB2050708	29853-028	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB4020405	29853-029	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB4020506	29853-030	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB4020607	29853-031	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB4020708	29853-032	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB4010405	29853-033	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB4010506	29853-034	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB4010607	29853-035	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB4010708	29853-036	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB4010506MS	29853-037	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB4010506MSD	29853-038	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB4000405	29853-039	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB4000506	29853-040	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB4000607	29853-041	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB4000708	29853-042	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB4000405DP	29853-043	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB1070001	29853-044	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1070102	29853-045	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB2010001	29853-046	S	PCB680 Homolog	16 oz G	4 C	Yes

Notes and qualifications:

SAMPLE RECEIPT AND CONDITION DOCUMENTATION

STUDY NO: 29853
 SDG No: AMEC Foster Wheeler
 Project: SAEP Tidal Flats FS, Stratford, CT
 Delivered via: FedEX
 Date and Time Received: 10/20/17 0830 Date and Time Logged into Lab: 10/24/17 1518
 Received By: AM Logged into Lab by: AM
 Air bill / Way bill: No Air bill included in folder if received? NA
 Cooler on ice/packs: Yes Custody Seals present? NA
 Cooler Blank Temp (C) at arrival: 2 Custody Seals intact? NA
 Number of COC Pages: 16
 COC Serial Number(s): 4552
 COC Complete: Yes Does the info on the COC match the samples? Yes
 Sampled Date: Yes Were samples received within holding time? Yes
 Field ID complete: Yes Were all samples properly labeled? Yes
 Sampled Time: Yes Were proper sample containers used? Yes
 Analysis request: Yes Were samples received intact? (none broken or leaking) Yes
 COC Signed and dated: Yes Were sample volumes sufficient for requested analysis? Yes
 Were all samples received? Yes Were VOC vials free of headspace? NA
 Client notification/authorization: Not required pH Test strip ID number: NA

Field ID	Lab ID	Mx	Analysis Requested	Bottle	Req'd Pres'n	Verified Pres'n
SDPCB2010102	29853-047	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB2010405	29853-048	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB2010405MS	29853-049	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB2010405MSD	29853-050	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB2010506	29853-051	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB2010607	29853-052	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB2010708	29853-053	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB1080001	29853-054	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1080001DP	29853-055	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1080102	29853-056	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1090001	29853-057	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1090102	29853-058	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB2100405	29853-059	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB2100506	29853-060	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB2100607	29853-061	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB2100708	29853-062	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB3010405	29853-063	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB3010506	29853-064	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB3010607	29853-065	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB3010708	29853-066	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB0040001	29853-067	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0040102	29853-068	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0040102DP	29853-069	S	PCB680 Homolog	16 oz G	4 C	Yes

Notes and qualifications:

SAMPLE RECEIPT AND CONDITION DOCUMENTATION

STUDY NO: 29853
 SDG No: AMEC Foster Wheeler
 Project: SAEP Tidal Flats FS, Stratford, CT
 Delivered via: FedEX
 Date and Time Received: 10/20/17 0830 Date and Time Logged into Lab: 10/24/17 1518
 Received By: AM Logged into Lab by: AM
 Air bill / Way bill: No Air bill included in folder if received? NA
 Cooler on ice/packs: Yes Custody Seals present? NA
 Cooler Blank Temp (C) at arrival: 2 Custody Seals intact? NA
 Number of COC Pages: 16
 COC Serial Number(s): 4552
 COC Complete: Yes Does the info on the COC match the samples? Yes
 Sampled Date: Yes Were samples received within holding time? Yes
 Field ID complete: Yes Were all samples properly labeled? Yes
 Sampled Time: Yes Were proper sample containers used? Yes
 Analysis request: Yes Were samples received intact? (none broken or leaking) Yes
 COC Signed and dated: Yes Were sample volumes sufficient for requested analysis? Yes
 Were all samples received? Yes Were VOC vials free of headspace? NA
 Client notification/authorization: Not required pH Test strip ID number: NA

Field ID	Lab ID	Mx	Analysis Requested	Bottle	Req'd Pres'n	Verified Pres'n
SDPCB3020405	29853-070	S	PCB680 Homolog,Total Metals Hg:	16 oz G	4 C	Yes
SDPCB3020506	29853-071	S	PCB680 Homolog,Total Metals Hg:	16 oz G	4 C	Yes
SDPCB3020607	29853-072	S	PCB680 Homolog,Total Metals Hg:	16 oz G	4 C	Yes
SDPCB3020708	29853-073	S	PCB680 Homolog,Total Metals Hg:	16 oz G	4 C	Yes
SDPCB0050001	29853-074	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0050001MS	29853-075	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0050001MSD	29853-076	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0050102	29853-077	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0060001	29853-078	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0060102	29853-079	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0060102DP	29853-080	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB3030405	29853-081	S	PCB680 Homolog,Total Metals Hg:	16 oz G	4 C	Yes
SDPCB3030405DP	29853-082	S	PCB680 Homolog,Total Metals Hg:	16 oz G	4 C	Yes
SDPCB3030506	29853-083	S	PCB680 Homolog,Total Metals Hg:	16 oz G	4 C	Yes
SDPCB3030607	29853-084	S	PCB680 Homolog,Total Metals Hg:	16 oz G	4 C	Yes
SDPCB3030708	29853-085	S	PCB680 Homolog,Total Metals Hg:	16 oz G	4 C	Yes
SDPCB0070001	29853-086	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0070001DP	29853-087	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0070102	29853-088	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB3040405	29853-089	S	PCB680 Homolog,Total Metals Hg:	16 oz G	4 C	Yes
SDPCB3040405DP	29853-090	S	PCB680 Homolog,Total Metals Hg:	16 oz G	4 C	Yes
SDPCB3040506	29853-091	S	PCB680 Homolog,Total Metals Hg:	16 oz G	4 C	Yes
SDPCB3040506MS	29853-092	S	PCB680 Homolog,Total Metals Hg:	16 oz G	4 C	Yes

Notes and qualifications:

SAMPLE RECEIPT AND CONDITION DOCUMENTATION

STUDY NO: 29853
 SDG No: AMEC Foster Wheeler
 Project: SAEP Tidal Flats FS, Stratford, CT
 Delivered via: FedEX
 Date and Time Received: 10/20/17 0830 Date and Time Logged into Lab: 10/24/17 1518
 Received By: AM Logged into Lab by: AM
 Air bill / Way bill: No Air bill included in folder if received? NA
 Cooler on ice/packs: Yes Custody Seals present? NA
 Cooler Blank Temp (C) at arrival: 2 Custody Seals intact? NA
 Number of COC Pages: 16
 COC Serial Number(s): 4552
 COC Complete: Yes Does the info on the COC match the samples? Yes
 Sampled Date: Yes Were samples received within holding time? Yes
 Field ID complete: Yes Were all samples properly labeled? Yes
 Sampled Time: Yes Were proper sample containers used? Yes
 Analysis request: Yes Were samples received intact? (none broken or leaking) Yes
 COC Signed and dated: Yes Were sample volumes sufficient for requested analysis? Yes
 Were all samples received? Yes Were VOC vials free of headspace? NA
 Client notification/authorization: Not required pH Test strip ID number: NA

Field ID	Lab ID	Mx	Analysis Requested	Bottle	Req'd Pres'n	Verified Pres'n
SDPCB3040506MSD	29853-093	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB3040607	29853-094	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB3040708	29853-095	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB3000001	29853-096	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB3000102	29853-097	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB3000405	29853-098	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB3000405DP	29853-099	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB3000506	29853-100	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB3000607	29853-101	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB3000708	29853-102	S	PCB680 Homolog, Total Metals Hg:	16 oz G	4 C	Yes
SDPCB0080001	29853-103	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0080001DP	29853-104	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0080102	29853-105	S	PCB680 Homolog	16 oz G	4 C	Yes
RB01	29853-106	W	PCB680 Homolog, Total Metals Hg:	2x1000 G	4 C	Yes
SDPCB2030001	29853-107	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB2030102	29853-108	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB2040001	29853-109	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB2040102	29853-110	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB2020001	29853-111	S	PCB680 Homolog	16 oz G	4 C	Yes
SDPCB2020102	29853-112	S	PCB680 Homolog	16 oz G	4 C	Yes
RB02	29853-113	W	PCB680 Homolog, Total Metals Hg:	2x1000 G	4 C	Yes
SDPCB1120001	29853-114	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1120102	29853-115	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes

Notes and qualifications:

SAMPLE RECEIPT AND CONDITION DOCUMENTATION

STUDY NO: 29853
 SDG No: AMEC Foster Wheeler
 Project: SAEP Tidal Flats FS, Stratford, CT
 Delivered via: FedEX
 Date and Time Received: 10/20/17 0830 Date and Time Logged into Lab: 10/24/17 1518
 Received By: AM Logged into Lab by: AM
 Air bill / Way bill: No Air bill included in folder if received? NA
 Cooler on ice/packs: Yes Custody Seals present? NA
 Cooler Blank Temp (C) at arrival: 2 Custody Seals intact? NA
 Number of COC Pages: 16
 COC Serial Number(s): 4552
 COC Complete: Yes Does the info on the COC match the samples? Yes
 Sampled Date: Yes Were samples received within holding time? Yes
 Field ID complete: Yes Were all samples properly labeled? Yes
 Sampled Time: Yes Were proper sample containers used? Yes
 Analysis request: Yes Were samples received intact? (none broken or leaking) Yes
 COC Signed and dated: Yes Were sample volumes sufficient for requested analysis? Yes
 Were all samples received? Yes Were VOC vials free of headspace? NA
 Client notification/authorization: Not required pH Test strip ID number: NA

Field ID	Lab ID	Mx	Analysis Requested	Bottle	Req'd Pres'n	Verified Pres'n
SDPCB2100001	29853-116	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB2100001MS	29853-117	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB2100001MSD	29853-118	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB2100102	29853-119	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB2100102DP	29853-120	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1100001	29853-121	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1100102	29853-122	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0090001	29853-123	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0090001DP	29853-124	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0090102	29853-125	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0100001	29853-126	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0100102	29853-127	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0100102DP	29853-128	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0110001	29853-129	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0110001MS	29853-130	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0110001MSD	29853-131	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0110102	29853-132	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0120001	29853-133	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0120102	29853-134	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1110001	29853-135	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1110102	29853-136	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0130001	29853-137	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0130102	29853-138	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes

Notes and qualifications:

SAMPLE RECEIPT AND CONDITION DOCUMENTATION

STUDY NO: 29853
SDG No: AMEC Foster Wheeler
Project: SAEP Tidal Flats FS, Stratford, CT
Delivered via: FedEX
Date and Time Received: 10/20/17 0830 **Date and Time Logged into Lab:** 10/24/17 1518
Received By: AM **Logged into Lab by:** AM
Air bill / Way bill: No **Air bill included in folder if received?** NA
Cooler on ice/packs: Yes **Custody Seals present?** NA
Cooler Blank Temp (C) at arrival: 2 **Custody Seals intact?** NA
Number of COC Pages: 16
COC Serial Number(s): 4552
COC Complete: Yes **Does the info on the COC match the samples?** Yes
 Sampled Date: Yes **Were samples received within holding time?** Yes
 Field ID complete: Yes **Were all samples properly labeled?** Yes
 Sampled Time: Yes **Were proper sample containers used?** Yes
 Analysis request: Yes **Were samples received intact? (none broken or leaking)** Yes
COC Signed and dated: Yes **Were sample volumes sufficient for requested analysis?** Yes
Were all samples received? Yes **Were VOC vials free of headspace?** NA
Client notification/authorization: Not required **pH Test strip ID number:** NA

Field ID	Lab ID	Mx	Analysis Requested	Bottle	Req'd Pres'n	Verified Pres'n
SDPCB0140001	29853-139	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB0140102	29853-140	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1140001	29853-141	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1140102	29853-142	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1130001	29853-143	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1130102	29853-144	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1150001	29853-145	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1150102	29853-146	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1160001	29853-147	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1160102	29853-148	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1170001	29853-149	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB1170102	29853-150	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB2090001	29853-151	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB2090102	29853-152	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB2080001	29853-153	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB2080102	29853-154	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB2070001	29853-155	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes
SDPCB2070102	29853-156	S	HOLD:PCB680 Homolog	16 oz G	4 C	Yes

Notes and qualifications:



EnviroSystems, Inc.
 1 Lafayette Road
 P.O. Box 778
 Hampton, N.H. 03843

Voice: 603-926-3345
 FAX: 603-926-3521

29853

ESI Job No: 4552

CHAIN OF CUSTODY DOCUMENTATION

Client: Amec Foster Wheeler	Contact: Wolfgang Calicchio	Project Name: SAEP Tidal Flats FS	Page: 1 of 4
Report to: Wolfgang Calicchio	Address: 511 Congress St. Suite 200	Project Number: 3616176064	
Invoice to: Wolfgang Calicchio	Address: Portland, ME 04101	Project Manager: Rod Pendleton	
Voice: 207-828-3466	Fax: 207-772-4762	Email: wolfgang.calicchio@amecfw.com	P.O. No: F013900937 Quote No:

Protocol: RCRA SDWA NPDES Other

Lab Number (assigned by lab)	Your Field ID: (must agree with container)	Date Sampled	Time Sampled	Sampled By	Grab or Com- posite (G/C)	Container Size (ml.)	Container Type (P/G/T)	Field Preser- vation	Matrix S=Solid W=Water	Filter N=Not Needed F=Done in Field L=Lab to do	Analyses Requested/ Special Instructions:
- 001	SDPCB0010001	10/18/2017	1045	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 002	SDPCB0010102	10/18/2017	1100	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
101-003	SDPCB0020001	10/18/2017	1145	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
101-004	SDPCB0020102	10/18/2017	1200	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
101-005	SDPCB0030001	10/18/2017	1335	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 006	SDPCB0030102	10/18/2017	1345	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 007	SDPCB1010001	10/18/2017	1430	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 008	SDPCB1010102	10/18/2017	1445	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 009	SDPCB1020001	10/18/2017	1520	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 010	SDPCB1020102	10/18/2017	1530	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 011	SDPCB1020102DP	10/18/2017	1530	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified

Relinquished By: <u>Karina Casey / AFW</u>	Date: <u>10/19/2017</u>	Time: <u>1830</u>	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received at Lab By: <u>[Signature]</u>	Date: <u>10/20/17</u>	Time: <u>0900</u>

Comments:

COC Doc No:

Sample Delivery Group No:	Page	of
---------------------------	------	----

29853



EnviroSystems, Inc.
1 Lafayette Road
P.O. Box 778
Hampton, N.H. 03843

Voice: 603-926-3345

ESI Job No: 4552

FAX: 603-926-3521

CHAIN OF CUSTODY DOCUMENTATION

Client: Amec Foster Wheeler	Contact: Wolfgang Calicchio	Project Name: SAEP Tidal Flats FS	Page: 2 of 4
Report to: Wolfgang Calicchio	Address: 511 Congress St. Suite 200	Project Number: 3616176064	
Invoice to: Wolfgang Calicchio	Address: Portland, ME 04101	Project Manager: Rod Pendleton	
Voice: 207-828-3466	Fax: 207-772-4762	Email: wolfgang.calicchio@amecfw.com	P.O. No: F013900937 Quote No:

Protocol: RCRA SDWA NPDES Other

Lab Number (assigned by lab)	Your Field ID: (must agree with container)	Date Sampled	Time Sampled	Sampled By	Grab or Com- posite	Container Size (ml)	Container Type (PICM)	Field Preser-	Matrix S=Solid W=Water	Filter N=Not Needed F=Done in Field	Analyses Requested/ Special Instructions:
- 012	SDPCB1030001	10/18/2017	1615	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 013	SDPCB1030102	10/18/2017	1625	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 014	SDPCB1040001	10/18/2017	1655	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 015	SDPCB1040102	10/18/2017	1705	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 016	SDPCB1050001	10/18/2017	1735	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 017	SDPCB1050102	10/18/2017	1740	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 018	SDPCB1060001	10/18/2017	1845	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 019	SDPCB1060001MS	10/18/2017	1845	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 020	SDPCB1060001MSD	10/18/2017	1845	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 021	SDPCB1060102	10/18/2017	1855	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 022	SDPCB4010405DP	10/19/2017	1520	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474

Relinquished By: <i>Marina Casey / AFW</i>	Date: <i>10/19/2017</i>	Time: <i>1830</i>	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received at Lab By: <i>[Signature]</i>	Date: <i>10/20/17</i>	Time: <i>0900</i>

COC Doc No:

Sample Delivery Group No:	Page	of
---------------------------	------	----

29853



EnviroSystems, Inc.
1 Lafayette Road
P.O. Box 778
Hampton, N.H. 03843

Voice: 603-926-3345

ESI Job No: 4552

FAX: 603-926-3521

CHAIN OF CUSTODY DOCUMENTATION

Client: Amec Foster Wheeler	Contact: Wolfgang Calicchio	Project Name: SAEP Tidal Flats FS	Page: 3 of 4
Report to: Wolfgang Calicchio	Address: 511 Congress St. Suite 200	Project Number: 3616176064	
Invoice to: Wolfgang Calicchio	Address: Portland, ME 04101	Project Manager: Rod Pendleton	
Voice: 207-828-3466	Fax: 207-772-4762	Email: wolfgang.calicchio@amecfw.com	P.O. No: F013900937 Quote No:
Protocol: RCRA SDWA NPDES Other			

Lab Number (assigned by lab)	Your Field ID: (must agree with container)	Date Sampled	Time Sampled	Sampled By	Grab or Com- posite	Container Size (ml)	Container Type (R/C/M)	Field Preser-	Matrix S=Solid W=Water	Filter N=Not Needed F=Done in Field	Analyses Requested/ Special Instructions:
-023	SDPCB2050001	10/19/2017	1110	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
-024	SDPCB2050102	10/19/2017	1120	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
-025	SDPCB2050405	10/19/2017	1125	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
-026	SDPCB2050506	10/19/2017	1135	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
-027	SDPCB2050607	10/19/2017	1140	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
-028	SDPCB2050708	10/19/2017	1150	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
-029	SDPCB4020405	10/19/2017	1410	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
-030	SDPCB4020506	10/19/2017	1415	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
-031	SDPCB4020607	10/19/2017	1420	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
-032	SDPCB4020708	10/19/2017	1425	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
-033	SDPCB4010405	10/19/2017	1520	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474

Relinquished By: <i>Marina Casey /AFW</i>	Date: <i>10/19/2017</i>	Time: <i>1830</i>	Received By:	Date:	Time
Relinquished By:	Date:	Time:	Received at Lab By: <i>[Signature]</i>	Date: <i>10/20/17</i>	Time <i>0900</i>
Comments:					

COC Doc No:

Sample Delivery Group No:	Page	of
---------------------------	------	----



EnviroSystems, Inc.
 1 Lafayette Road
 P.O. Box 778
 Hampton, N.H. 03843

Voice: 603-926-3345
 FAX: 603-926-3521

29853

ESI Job No: 4552

CHAIN OF CUSTODY DOCUMENTATION

Client: Amec Foster Wheeler	Contact: Wolfgang Calicchio	Project Name: SAEP Tidal Flats FS	Page: 4 of 4
Report to: Wolfgang Calicchio	Address: 511 Congress St. Suite 200	Project Number: 3616176064	
Invoice to: Wolfgang Calicchio	Address: Portland, ME 04101	Project Manager: Rod Pendleton	
Voice: 207-828-3466	Fax: 207-772-4762	Email: wolfgang.calicchio@amecfw.com	P.O. No: F013900937 Quote No:

Protocol: RCRA SDWA NPDES Other		Date Sampled	Time Sampled	Sampled By	Grab or Composite	Container Size (ml)	Container Type (PICP)	Field Preser-	Matrix S=Solid W=Water	Filter N=Not Needed F=Done in Field	Analyses Requested\ Special Instructions:
-034	SDPCB4010506	10/19/2017	1525	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
-035	SDPCB4010607	10/19/2017	1530	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
-036	SDPCB4010708	10/19/2017	1540	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
-037	SDPCB4010506MS	10/19/2017	1525	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
-038	SDPCB4010506MSD	10/19/2017	1525	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
10-039	SDPCB4000405	10/19/2017	1640	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
9-040	SDPCB4000506	10/19/2017	1645	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
8-041	SDPCB4000607	10/19/2017	1650	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
-042	SDPCB4000708	10/19/2017	1655	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
-043	SDPCB4000405DP	10/19/2017	1640	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474

Relinquished By: <i>Marina Casey / AFW</i>	Date: <i>10/19/2017</i>	Time: <i>1830</i>	Received By:	Date:	Time
Relinquished By:	Date:	Time:	Received at Lab By: <i>[Signature]</i>	Date: <i>10/20/17</i>	Time <i>0900</i>

COC Doc No:

Sample Delivery Group No:	Page	of
---------------------------	------	----



EnviroSystems, Inc.
1 Lafayette Road
P.O. Box 778
Hampton, N.H. 03843

Voice: 603-926-3345

FAX: 603-926-3521

29853

ESI Job No: 4552

CHAIN OF CUSTODY DOCUMENTATION

Client: Amec Foster Wheeler	Contact: Wolfgang Calicchio	Project Name: SAEP Tidal Flats FS	Page: 1 of 5
Report to: Wolfgang Calicchio	Address: 511 Congress St. Suite 200	Project Number: 3616176064	
Invoice to: Wolfgang Calicchio	Address: Portland, ME 04101	Project Manager: Rod Pendleton	
Voice: 207-828-3466	Fax: 207-772-4762	Email: wolfgang.calicchio@amecfw.com	P.O. No: F013900937 Quote No:

Protocol: RCRA SDWA NPDES Other

Lab Number (assigned by lab)	Your Field ID: (must agree with container)	Date Sampled	Time Sampled	Other Sampled By	Grab or Com- posite (G/C)	Container Size (ml.)	Container Type (P/G/T)	Field Preser- vation	Matrix S=Solid W=Water	Filter N=Not Needed F=Done in Field L=Lab to do	Analyses Requested/ Special Instructions:
-044	SDPCB1070001	10/19/2017	1800	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
-045	SDPCB1070102	10/19/2017	1810	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
-046	SDPCB2010001	10/20/2017	0913	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
10/20/2017 -047	SDPCB2010102	10/20/2017	0920	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
10/20/2017 -048	SDPCB2010405	10/20/2017	0930	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
10/20/2017 -049	SDPCB2010405MS	10/20/2017	0930	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
-050	SDPCB2010405MSD	10/20/2017	0930	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
-051	SDPCB2010506	10/20/2017	0944	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
-052	SDPCB2010607	10/20/2017	0955	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
-053	SDPCB2010708	10/20/2017	1000	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
-054	SDPCB1080001	10/20/2017	0938	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
								6 C	S	N	Total PCB Homologs 680 modified

Relinquished By: Karina Casey / AFW Date: 10/20/17 Time: 1830

Relinquished By: _____ Date: _____ Time: _____

Comments: _____

Received By: _____ Date: _____ Time: _____

Received at Lab By: [Signature] Date: 10/23/17 Time: AM

COC Doc No:

Sample Delivery Group No: _____ Page _____ of _____



EnviroSystems, Inc.
1 Lafayette Road
P.O. Box 778
Hampton, N.H. 03843

29853

Voice: 603-926-3345

ESI Job No: 4552

FAX: 603-926-3521

CHAIN OF CUSTODY DOCUMENTATION

Client: Amec Foster Wheeler	Contact: Wolfgang Calicchio	Project Name: SAEP Tidal Flats FS	Page: 2 of 5
Report to: Wolfgang Calicchio	Address: 511 Congress St. Suite 200	Project Number: 3616176064	
Invoice to: Wolfgang Calicchio	Address: Portland, ME 04101	Project Manager: Rod Pendleton	
Voice: 207-828-3466	Fax: 207-772-4762	Email: wolfgang.calicchio@amecfw.com	P.O. No: F013900937 Quote No:
Protocol: RCRA SDWA NPDES Other			

Lab Number (assigned by lab)	Your Field ID: (must agree with container)	Date Sampled	Time Sampled	Sampled By	Grab or Com- posite	Container Size (ml)	Container Type (P/C/G)	Field Preser-	Matrix S=Solid W=Water	Filter N=Not Needed F=Done in Field	Analyses Requested/ Special Instructions:
- 055	SDPCB1080001DP	10/20/2017	0938	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 056	SDPCB1080102	10/20/2017	0942	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 057	SDPCB1090001	10/20/2017	1105	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 058	SDPCB1090102	10/20/2017	1109	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 059	SDPCB2100405	10/20/2017	1125	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 060	SDPCB2100506	10/20/2017	1130	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
- 061	SDPCB2100607	10/20/2017	1135	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
- 062	SDPCB2100708	10/20/2017	1136	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
- 063	SDPCB3010405	10/20/2017	1306	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
- 064	SDPCB3010506	10/20/2017	1313	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
- 065	SDPCB3010607	10/20/2017	1320	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
Relinquished By: <i>Karina Casey / AFW</i>	Date: <i>10/20/17</i>	Time: <i>1830</i>	Received By:		Date:	Time					
Relinquished By:	Date:	Time:	Received at Lab By: <i>[Signature]</i>		Date: <i>10/23/17</i>	Time: <i>0900</i>					
Comments:											

COC Doc No:

Sample Delivery Group No:	Page	of
---------------------------	------	----



EnviroSystems, Inc.
1 Lafayette Road
P.O. Box 778
Hampton, N.H. 03843

Voice: 603-926-3345
FAX: 603-926-3521

29853

ESI Job No: 4552

CHAIN OF CUSTODY DOCUMENTATION

Client: Amec Foster Wheeler	Contact: Wolfgang Calicchio	Project Name: SAEP Tidal Flats FS	Page: 3 of 5
Report to: Wolfgang Calicchio	Address: 511 Congress St. Suite 200	Project Number: 3616176064	
Invoice to: Wolfgang Calicchio	Address: Portland, ME 04101	Project Manager: Rod Pendleton	
Voice: 207-828-3466	Fax: 207-772-4762	Email: wolfgang.calicchio@amecfw.com	P.O. No: F013900937 Quote No:

Protocol: RCRA SDWA NPDES Other

Lab Number (assigned by lab)	Your Field ID: (must agree with container)	Date Sampled	Time Sampled	Sampled By	Grab or Com- posite	Container Size (ml)	Container Type (P/C/M)	Field Preser-	Matrix S=Solid W=Water	Filter N=Not Needed F=Done in Field	Analyses Requested/ Special Instructions:
-066	SDPCB3010708	10/20/2017	1324	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
-067	SDPCB0040001	10/20/2017	1344	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
-068	SDPCB0040102	10/20/2017	1350	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
-069	SDPCB0040102DP	10/20/2017	1350	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
-070	SDPCB3020405	10/20/2017	1419	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
107-071	SDPCB3020506	10/20/2017	1424	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
09-072	SDPCB3020607	10/20/2017	1429	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
09-073	SDPCB3020708	10/20/2017	1436	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
-074	SDPCB0050001	10/20/2017	1428	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
-075	SDPCB0050001MS	10/20/2017	1428	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
-076	PCB0050001MSD	10/20/2017	1428	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified

Relinquished By: <i>Kevin Casey AFW</i>	Date: <i>10/20/17</i>	Time: <i>1830</i>	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received at Lab By: <i>[Signature]</i>	Date: <i>10/23/17</i>	Time: <i>0900</i>

Comments:

COC Doc No:

Sample Delivery Group No:	Page	of
---------------------------	------	----



EnviroSystems, Inc.
1 Lafayette Road
P.O. Box 778
Hampton, N.H. 03843

Voice: 603-926-3345

FAX: 603-926-3521

29853

ESI Job No: 4552

CHAIN OF CUSTODY DOCUMENTATION

Client: Amec Foster Wheeler	Contact: Wolfgang Calicchio	Project Name: SAEP Tidal Flats FS	Page: 4 of 5
Report to: Wolfgang Calicchio	Address: 511 Congress St. Suite 200	Project Number: 3616176064	
Invoice to: Wolfgang Calicchio	Address: Portland, ME 04101	Project Manager: Rod Pendleton	
Voice: 207-828-3466	Fax: 207-772-4762	Email: wolfgang.calicchio@amecfw.com	P.O. No: F013900937 Quote No:
Protocol: RCRA SDWA NPDES Other			

Lab Number (assigned by lab)	Your Field ID: (must agree with container)	Date Sampled	Time Sampled	Sampled By	Grab or Com- posite	Container Size (oz.)	Container Type (P/C/M)	Field Preser-	Matrix S=Solid W=Water	Filter N=Not Needed F=Done in Field	Analyses Requested/ Special Instructions:
-077	SDPCB0050102	10/20/2017	1437	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
-078	SDPCB0060001	10/20/2017	1515	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
-079	SDPCB0060102	10/20/2017	1520	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
-080	SDPCB0060102DP	10/20/2017	1520	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
-081	SDPCB3030405	10/20/2017	1530	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
-082	SDPCB3030405DP	10/20/2017	1530	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
10/20/2017 083	SDPCB3030506	10/20/2017	1538	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
084	SDPCB3030607	10/20/2017	1545	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
085	SDPCB3030708	10/20/2017	1553	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
-086	SDPCB0070001	10/20/2017	1620	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
-087	SDPCB0070001DP	10/20/2017	1620	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
Relinquished By: <i>Marina Casey / AFW</i>	Date: <i>10/20/17</i>	Time: <i>1830</i>	Received By:	Date:	Time:						
Relinquished By:	Date:	Time:	Received at Lab By: <i>[Signature]</i>	Date: <i>10/23/17</i>	Time: <i>0900</i>						
Comments:											

COC Doc No:

Sample Delivery Group No:	Page	of
---------------------------	------	----



EnviroSystems, Inc.
1 Lafayette Road
P.O. Box 778
Hampton, N.H. 03843

Voice: 603-926-3345
FAX: 603-926-3521

29843

ESI Job No: 4552

CHAIN OF CUSTODY DOCUMENTATION

Client: Amec Foster Wheeler	Contact: Wolfgang Calicchio	Project Name: SAEP Tidal Flats FS	Page: 1 of 3
Report to: Wolfgang Calicchio	Address: 511 Congress St. Suite 200	Project Number: 3616176064	
Invoice to: Wolfgang Calicchio	Address: Portland, ME 04101	Project Manager: Rod Pendleton	
Voice: 207-828-3466	Fax: 207-772-4762	Email: wolfgang.calicchio@amecfw.com	P.O. No: F013900937 Quote No:

Protocol:		RCRA	SDWA	NPDES	Other							Analyses Requested/ Special Instructions:
Lab Number (assigned by lab)	Your Field ID: (must agree with container)	Date Sampled	Time Sampled	Sampled By	Grab or Com- posite (G/C)	Container Size (ml.)	Container Type (P/G/T)	Field Preser- vation	Matrix S=Solid W=Water	Filter N=Not Needed F=Done in Field L=Lab to do		
-089	SDPCB3040405	10/20/2017	1742	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474	
-090	SDPCB3040405DP	10/20/2017	1742	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474	
-091	SDPCB3040506	10/20/2017	1750	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474	
-092	SDPCB3040506MS	10/20/2017	1750	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474	
-093	SDPCB3040506MSD	10/20/2017	1750	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474	
-094	SDPCB3040607	10/20/2017	1800	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474	
-095	SDPCB3040708	10/20/2017	1812	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474	
-096	SDPCB3000001	10/20/2017	1912	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified	
-097	SDPCB3000102	10/20/2017	1917	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified	
-098	SDPCB3000405	10/20/2017	1908	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474	
-099	SDPCB3000405DP	10/20/2017	1908	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474	
Relinquished By: Karina Casey / AFW		Date: 10/21/2017		Time: 1930		Received By: Lindsey Brown		Date: 10/21/17		Time: 1930		
Relinquished By: [Signature]		Date: 10/23/17		Time: 1400		Received at Lab By: [Signature]		Date: 10/24/17		Time: 0900		

COC Doc No:

Sample Delivery Group No:	Page	of
---------------------------	------	----



EnviroSystems, Inc.
1 Lafayette Road
P.O. Box 778
Hampton, N.H. 03843

Voice: 603-926-3345

FAX: 603-926-3521

29853

ESI Job No: 4552

CHAIN OF CUSTODY DOCUMENTATION

Client: Amec Foster Wheeler	Contact: Wolfgang Calicchio	Project Name: SAEP Tidal Flats FS	Page: 2 of 3
Report to: Wolfgang Calicchio	Address: 511 Congress St. Suite 200	Project Number: 3616176064	
Invoice to: Wolfgang Calicchio	Address: Portland, ME 04101	Project Manager: Rod Pendleton	
Voice: 207-828-3466	Fax: 207-772-4762	Email: wolfgang.calicchio@amecfw.com	P.O. No: F013900937 Quote No:

Protocol: RCRA SDWA NPDES Other

Lab Number (assigned by lab)	Your Field ID: (must agree with container)	Date Sampled	Time Sampled	Sampled By	Grab or Com- posite	Container Size (ml)	Container Type (R/C/F)	Field Preser-	Matrix S=Solid W=Water	Filter N=Not Needed F=Done in Field	Analyses Requested/ Special Instructions:
- 100	SDPCB3000506	10/20/2017	1922	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
- 101	SDPCB3000607	10/20/2017	1926	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
- 102	SDPCB3000708	10/20/2017	1929	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified & Total Hg 7474
- 103	SDPCB0080001	10/21/2017	0944	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 104	SDPCB0080001DP	10/21/2017	0944	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 105	SDPCB0080102	10/21/2017	0955	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
201 of 206 - 106	RB01	10/21/2017	0845	KMC	G	32 oz.	G	6 C	W	N	1 Jar Total PCB & 1 Jar Total Hg for Rinse Blank
- 107	SDPCB2030001	10/21/2017	1634	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 108	SDPCB2030102	10/21/2017	1644	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 109	SDPCB2040001	10/21/2017	1725	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
- 110	SDPCB2040102	10/21/2017	1733	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified
Relinquished By: <i>Lemina Casey / AFW</i>		Date: <i>10/21/2017</i>		Time: <i>1930</i>		Received By: <i>Wolfgang Calicchio</i>		Date: <i>10/21/17</i>		Time: <i>1930</i>	
Relinquished By: <i>[Signature]</i>		Date: <i>10/23/17</i>		Time: <i>1400</i>		Received at Lab By: <i>[Signature]</i>		Date: <i>10/24/17</i>		Time: <i>0900</i>	

COC Doc No:

Sample Delivery Group No:	Page	of
---------------------------	------	----



EnviroSystems, Inc.
 1 Lafayette Road
 P.O. Box 778
 Hampton, N.H. 03843

29853

Voice: 603-926-3345

ESI Job No: 4552

FAX: 603-926-3521

CHAIN OF CUSTODY DOCUMENTATION

Client: Amec Foster Wheeler	Contact: Wolfgang Calicchio	Project Name: SAEP Tidal Flats FS	Page: 1 of 4
Report to: Wolfgang Calicchio	Address: 511 Congress St. Suite 200	Project Number: 3616176064	
Invoice to: Wolfgang Calicchio	Address: Portland, ME 04101	Project Manager: Rod Pendleton	
Voice: 207-828-3466	Fax: 207-772-4762	Email: wolfgang.calicchio@amecfw.com	P.O. No: F013900937 Quote No:
Protocol: RCRA SDWA NPDES Other			

Lab Number (assigned by lab)	Your Field ID: (must agree with container)	Date Sampled	Time Sampled	Sampled By	Grab or Com- posite (G/C)	Container Size (ml.)	Container Type (P/G/T)	Field Preser- vation	Matrix S=Solid W=Water	Filter N=Not Needed F=Done in Field L=Lab to do	Analyses Requested/ Special Instructions:
-114	SDPCB1120001	10/17/2017	1700	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-115	SDPCB1120102	10/17/2017	1720	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
203 of 206 -116	SDPCB2100001	10/20/2017	1110	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-117	SDPCB2100001MS	10/20/2017	1110	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-118	SDPCB2100001MSD	10/20/2017	1110	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-119	SDPCB2100102	10/20/2017	1120	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-120	SDPCB2100102DP	10/20/2017	1120	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-121	SDPCB1100001	10/20/2017	1302	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-122	SDPCB1100102	10/20/2017	1305	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-123	SDPCB0090001	10/21/2017	1008	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-124	SDPCB0090001DP	10/21/2017	1008	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **

Relinquished By: <i>Karina Casey / AFW</i>	Date: <i>10/21/2017</i>	Time: <i>1930</i>	Received By: <i>LINDSEY BROWN</i>	Date: <i>10/21/17</i>	Time: <i>1930</i>
Relinquished By: <i>[Signature]</i>	Date: <i>10/23/17</i>	Time: <i>1400</i>	Received at Lab By: <i>[Signature]</i>	Date: <i>10/24/17</i>	Time: <i>0900</i>

Comments: ** Hold/Freeze these samples until further instruction

COC Doc No:

Sample Delivery Group No:	Page	of
---------------------------	------	----



EnviroSystems, Inc.
1 Lafayette Road
P.O. Box 778
Hampton, N.H. 03843

29853

Voice: 603-926-3345

ESI Job No: 4552

FAX: 603-926-3521

CHAIN OF CUSTODY DOCUMENTATION

Client: Amec Foster Wheeler	Contact: Wolfgang Calicchio	Project Name: SAEP Tidal Flats FS	Page: 2 of 4
Report to: Wolfgang Calicchio	Address: 511 Congress St. Suite 200	Project Number: 3616176064	
Invoice to: Wolfgang Calicchio	Address: Portland, ME 04101	Project Manager: Rod Pendleton	
Voice: 207-828-3466	Fax: 207-772-4762	Email: wolfgang.calicchio@amecfw.com	P.O. No: F013900937 Quote No:
Protocol: RCRA SDWA NPDES Other			

Lab Number (assigned by lab)	Your Field ID: (must agree with container)	Date Sampled	Time Sample d	Sampled By	Grab or Com- posite	Container Size (ml.)	Container Type (P/IGT)	Field Preser-	Matrix S=Solid W=Water	Filter N=Not Needed F=Done in Field	Analyses Requested/ Special Instructions:
-125	SDPCB0090102	10/21/2017	1013	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-126	SDPCB0100001	10/21/2017	1022	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-127	SDPCB0100102	10/21/2017	1032	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-128	SDPCB0100102DP	10/21/2017	1032	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-129	SDPCB0110001	10/21/2017	1110	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-130	SDPCB0110001MS	10/21/2017	1110	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-131	SDPCB0110001MSD	10/21/2017	1110	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-132	SDPCB0110102	10/21/2017	1123	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-133	SDPCB0120001	10/21/2017	1127	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-134	SDPCB0120102	10/21/2017	1152	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-135	SDPCB1110001	10/21/2017	1158	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **

Relinquished By: Larina Casey/AFW Date: 10/21/2017 Time: 1930 Received By: LINDSEY BROWN Date: 10/21/17 Time: 1930

Relinquished By: [Signature] Date: 10/23/17 Time: 1900 Received at Lab By: [Signature] Date: 10/24/17 Time: 0900

Comments: ** Hold/Freeze these samples until further instruction

COC Doc No:

Sample Delivery Group No:	Page	of
---------------------------	------	----



EnviroSystems, Inc.
1 Lafayette Road
P.O. Box 778
Hampton, N.H. 03843

29853

Voice: 603-926-3345

ESI Job No: 4552

FAX: 603-926-3521

CHAIN OF CUSTODY DOCUMENTATION

Client: Amec Foster Wheeler	Contact: Wolfgang Calicchio	Project Name: SAEP Tidal Flats FS	Page: 3 of 4
Report to: Wolfgang Calicchio	Address: 511 Congress St. Suite 200	Project Number: 3616176064	
Invoice to: Wolfgang Calicchio	Address: Portland, ME 04101	Project Manager: Rod Pendleton	
Voice: 207-828-3466	Fax: 207-772-4762	Email: wolfgang.calicchio@amecfw.com	P.O. No: F013900937 Quote No:

Protocol: RCRA SDWA NPDES Other		Date Sampled	Time Sampled	Sampled By	Grab or Composite	Container Size (ml.)	Container Type (P/G/T)	Field Preser-	Matrix S=Solid W=Water	Filter N=Not Needed F=Done in Field	Analyses Requested/ Special Instructions:
-136	SDPCB1110102	10/21/2017	1208	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-137	SDPCB0130001	10/21/2017	1258	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-138	SDPCB0130102	10/21/2017	1310	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-139	SDPCB0140001	10/21/2017	1340	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-140	SDPCB0140102	10/21/2017	1345	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
205 of 206 -141	SDPCB1140001	10/21/2017	1400	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-142	SDPCB1140102	10/21/2017	1407	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-143	SDPCB1130001	10/21/2017	1413	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-144	SDPCB1130102	10/21/2017	1427	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-145	SDPCB1150001	10/21/2017	1424	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-146	SDPCB1150102	10/21/2017	1432	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
Relinquished By: <i>Wendy Casey / AFW</i>		Date: 10/21/2017	Time: 1930	Received By: <i>Wendy Casey</i>		Date: 10/21/17	Time: 1930				
Relinquished By: <i>[Signature]</i>		Date: 10/23/17	Time: 1400	Received at Lab By: <i>[Signature]</i>		Date: 10/24/17	Time: 0900				
Comments: ** Hold/Freeze these samples until further instruction											

COC Doc No:

Sample Delivery Group No:	Page	of	0
---------------------------	------	----	---



EnviroSystems, Inc.
1 Lafayette Road
P.O. Box 778
Hampton, N.H. 03843

Voice: 603-926-3345

FAX: 603-926-3521

29853

ESI Job No: 4552

CHAIN OF CUSTODY DOCUMENTATION

Client: Amec Foster Wheeler	Contact: Wolfgang Calicchio	Project Name: SAEP Tidal Flats FS	Page: 4 of 4
Report to: Wolfgang Calicchio	Address: 511 Congress St. Suite 200	Project Number: 3616176064	
Invoice to: Wolfgang Calicchio	Address: Portland, ME 04101	Project Manager: Rod Pendleton	
Voice: 207-828-3466	Fax: 207-772-4762	Email: wolfgang.calicchio@amecfw.com	P.O. No: F013900937 Quote No:
Protocol: RCRA SDWA NPDES Other			

Lab Number (assigned by lab)	Your Field ID: (must agree with container)	Date Sampled	Time Sample d	Sampled By	Grab or Com- posite	Container Size (ml.)	Container Type (P/G/T)	Field Preser-	Matrix S=Solid W=Water	Filter N=Not Needed F=Done in Field	Analyses Requested/ Special Instructions:
-147	SDPCB1160001	10/21/2017	1506	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-148	SDPCB1160102	10/21/2017	1523	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-149	SDPCB1170001	10/21/2017	1507	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-150	SDPCB1170102	10/21/2017	1515	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-151	SDPCB2090001	10/21/2017	1538	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
206 of 206 -152	SDPCB2090102	10/21/2017	1543	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-153	SDPCB2080001	10/21/2017	1559	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-154	SDPCB2080102	10/21/2017	1606	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-155	SDPCB2070001	10/21/2017	1635	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-156	SDPCB2070102	10/21/2017	1652	KMC	C	16 oz.	G	6 C	S	N	Total PCB Homologs 680 modified **
-157											Total PCB Homologs 680 modified **

Relinquished By: <i>Larina Casey/AFW</i>	Date: <i>10/21/2017</i>	Time: <i>1930</i>	Received By: <i>VINSON BROWN</i>	Date: <i>10/27/17</i>	Time: <i>1930</i>
Relinquished By: <i>[Signature]</i>	Date: <i>10/23/17</i>	Time: <i>1400</i>	Received at Lab By: <i>[Signature]</i>	Date: <i>10/24/17</i>	Time: <i>0900</i>

Comments: ** Hold/Freeze these samples until further instruction

COC Doc No:

Sample Delivery Group No:	Page	of	0
---------------------------	------	----	---

Addendum - Final Sediment Remediation Endpoints Report
Tidal Flats and Outfall 008
Stratford Army Engine Plant, Stratford, Connecticut

APPENDIX C

DATA VALIDATION REPORT 2017 OCTOBER DELINEATION SAMPLE PROGRAM

**DATA VALIDATION REPORT
2017 OCTOBER DELINEATION SAMPLE PROGRAM**

For

TIDAL FLATS FEASIBILITY STUDY
STRATFORD ARMY ENGINE PLANT (SAEP)
STRATFORD, CONNECTICUT

Contract No.: W912WJ-15-D-003
Task Order No.: 002

Prepared for:



**New England District
U.S. Army Corps of Engineers
696 Virginia Road
Concord MA 01742-2751**

March 22, 2018

DATA VALIDATION REPORT 2017 OCTOBER DELINEATION SAMPLE PROGRAM

For

**TIDAL FLATS FEASIBILITY STUDY
STRATFORD ARMY ENGINE PLANT (SAEP)
STRATFORD, CONNECTICUT**

**Contract No.: W912WJ-15-D-003
Task Order No.: 002**

Prepared for:



**New England District
U.S. Army Corps of Engineers
696 Virginia Road
Concord MA 01742-2751**

March 22, 2018

**Rod Pendleton
Associate Project Manager**

**Wolfgang Calicchio
Senior Project Chemist**

TABLE OF CONTENTS

1.0	INTRODUCTION	3
2.0	PCB HOMOLOGS	4
2.1	Laboratory Control Sample	4
2.2	Matrix Spikes	4
2.3	Field Duplicate	5
2.4	Laboratory Duplicate	6
3.0	MERCURY	6
4.0	REFERENCES	7

TABLES

Table 1	Sample Summary
Table 2	Validated Sample Results
Table 3	Data Validation Action Summary

ACRONYMS AND ABBREVIATION

ASTM	American Society for Testing and Materials
DOD	Department of Defense
EDD	Electronic Data Deliverable
FS	Feasibility Study
J	estimated value
LOD	Limit of Detection
LOQ	Limit of Quantitation
LCS	Laboratory Control Sample
MDL	Method Detection Limit
mg/kg	milligrams per kilogram
mg/l	milligrams per liter
MS	Matrix Spike
MSD	Matrix Spike Duplicate
µg/kg	micrograms per kilogram
µg/l	micrograms per liter
PCB	Polychlorinated Bi-Phenyls
QAPP	Quality Assurance Project Plan
QC	Quality Control
QSM	Quality Systems Manual
RPD	Relative Percent Difference
SDG	Sample Delivery Group
SIM	Selected Ion Monitoring
SPLP	Synthetic Precipitation Leaching Procedure
TOC	Total Organic Carbon
U	not detected
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound

1.0 INTRODUCTION

Sediment samples were collected in the tidal flats at the Stratford Army Engine Plant (SAEP or Site) in Stratford, Connecticut in support of the feasibility study. Samples were collected in October 2017. The samples were analyzed by EnviroSystems in Hampton, New Hampshire. The samples were analyzed by the following U.S. Environmental Protection Agency (USEPA) and American Society for Testing and Materials (ASTM) International methods:

Laboratory	Parameter	Analytical Method	Validation Level
EnviroSystems	PCB Homologs	USEPA 8270 SIM/680 Modified	Stage 2A
EnviroSystems	Mercury	USEPA 245.7	Stage 2A
EnviroSystems	Total Solids	USEPA 160.3	Stage 1

A summary of samples included in this data validation report is presented in Table 1. The analytical data packages were reviewed in accordance with the general specifications for feasibility study (FS) data in the final SAEP Quality Assurance Project Plan (QAPP) [Amec Foster Wheeler Foster Wheeler, 2018].

The data were validated manually by the Amec Foster Wheeler project chemist following the USEPA Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use procedures (USEPA, 2009). Quality control (QC) limits established in the QAPP were used during data validation. A summary of validated sample results is presented in Table 2. Sediment samples are reported in micrograms per kilograms ($\mu\text{g}/\text{kg}$) and milligrams per kilogram (mg/kg). Elutriate and surface water results are reported in micrograms per liter ($\mu\text{g}/\text{l}$) and milligrams per liter (mg/l). A summary of data validation actions is presented in Table 3. Table 3 includes results for samples that have been qualified (data validation has resulted in revisions to the laboratory result) and any results with validation codes that have been applied by the project chemist. Table 3 includes final results and validation qualifiers and validation reason codes that define the actions.

In accordance with general data reporting procedures in the Department of Defense (DOD) Quality Systems Manual (QSM) [DOD, 2017], the laboratory reported results using a combination of three detection limits including the limit of quantitation (LOQ), limit of detection (LOD), and the method detection limit (MDL). Results for compounds that are not detected in samples are reported as U qualified results at the LOD. The laboratory reports positive detections above the MDL. Values between the MDL and the LOQ are qualified as estimated (J) by the laboratory.

2.0 PCB HOMOLOGs

Samples were analyzed for PCB Homologs by modified USEPA Method 8270 Selected Ion Monitoring (SIM)/680 Modified. A description of validation actions are presented in the following subsection. Data were evaluated based on the following parameters:

- * Data Completeness
 - * Holding Times and Preservation
 - * Blanks
 - Laboratory Control Sample (LCS/LCSD)
 - Matrix Spikes (MS/MSD)
 - Field Duplicate
 - Laboratory Duplicate
 - * Surrogate Recovery
 - * Detection Limits
 - * Sample Result Verification/Electronic Evaluation Verification (EDD)
- * = indicates that criteria were met for this parameter

Except for the validation actions noted below, sample results are interpreted to be usable as reported by the laboratory. A summary of final results is presented on Table 2. A summary of data validation actions is presented on Table 3.

2.1 Laboratory Control Sample

A summary of laboratory control sample actions is presented in Table 3 with results being assigned a validation qualifier reason code of LCS-L.

SDG 29853

In the LCS/LCSD analyzed January 9, 2018, the LCSD percent recovery of monochlorobiphenyl (30) was less than the lower QC limit of 40. The reporting limit for monochlorobiphenyl and the result for total PCB in associated sample SDPCB1060001 was qualified estimated (J/UJ).

2.2 Matrix Spikes

A summary of matrix sample actions is presented in Table 3 with results being assigned a validation qualifier reason code of MS-H and MS-L.

SDG 29853

Sample SDPCB0050001 was submitted for MS/MSD analysis. The MS and/or MSD percent recoveries of monochlorobiphenyl (0 and 0) and trichlorobiphenyl (141) were outside of the QC limits of 40 to 140. The result for monochlorobiphenyl in sample SDPCB0050001 was non-detect and was rejected (R). The result for trichlorobiphenyl and total PCBs in sample SDPCB0050001 were qualified estimated (J).

Sample SDPCB2050001 was submitted for MS/MSD analysis. MS and/or MSD percent recoveries for most of the analytes were zero. With the exception of monochlorobiphenyl, the unspiked sample concentrations were greater than five times the spiking concentration, no action required. The reporting limit for monochlorobiphenyl and the result for total PCBs in sample SDPCB0050001 were qualified estimated (J/UJ).

Sample SDPCB1060001 was submitted for MS/MSD analysis. The MS and/or MSD percent recoveries of monochlorobiphenyl (20), tetrachlorobiphenyl (37), hexachlorobiphenyl (167 and 167), and total PCBs (37) were outside of the QC limits of 40 to 140. The reporting limit for monochlorobiphenyl and the result for tetrachlorobiphenyl, hexachlorobiphenyl, and total PCBs in sample SDPCB1060001 were qualified estimated (J/UJ).

2.3 Field Duplicate

A summary of field duplicate sample actions is presented in Table 3 with results being assigned a validation qualifier reason code of FD.

SDG 29853

Sample SDPCB0040102 was submitted for duplicate analysis. The duplicate RPD of dichlorobiphenyl (64), tetrachlorobiphenyl (59), and trichlorobiphenyl (59) exceeded the QC limit of 50. The result for dichlorobiphenyl, tetrachlorobiphenyl, trichlorobiphenyl, and total PCBs in associated samples SDPCB0040102 and SDPCB0040102DP was qualified estimated (J).

Sample SDPCB0060102 was submitted for duplicate analysis. The duplicate RPD of heptachlorobiphenyl (60) and octachlorobiphenyl (62) exceeded the QC limit of 50. The result for heptachlorobiphenyl, octachlorobiphenyl, and total PCBs in associated samples SDPCB0060102 and SDPCB0060102DP was qualified estimated (J).

Sample SDPCB0070001 was submitted for duplicate analysis. The duplicate RPD of dichlorobiphenyl (64), heptachlorobiphenyl (87), nonachlorobiphenyl (68), octachlorobiphenyl (55), total PCBs (77), pentachlorobiphenyl (88), tetrachlorobiphenyl (73), and trichlorobiphenyl (87) exceeded the QC limit of 50. The result for dichlorobiphenyl, heptachlorobiphenyl, nonachlorobiphenyl, octachlorobiphenyl, total PCBs, pentachlorobiphenyl, tetrachlorobiphenyl, and trichlorobiphenyl in associated samples SDPCB0070001 and SDPCB0070001DP was qualified estimated (J).

Sample SDPCB1020102 was submitted for duplicate analysis. The duplicate RPD of dichlorobiphenyl (57) and tetrachlorobiphenyl (54) exceeded the QC limit of 50. The result for dichlorobiphenyl, and tetrachlorobiphenyl in associated samples SDPCB1020102 and SDPCB1020102DP was qualified estimated (J).

Sample SDPCB1080001 was submitted for duplicate analysis. The duplicate RPD of dichlorobiphenyl (68) exceeded the QC limit of 50. The result for dichlorobiphenyl in associated samples SDPCB1080001 and SDPCB1080001DP was qualified estimated (J).

Sample SDPCB3000405 was submitted for duplicate analysis. The duplicate RPD of total PCBs (113), pentachlorobiphenyl (123), tetrachlorobiphenyl (100), and trichlorobiphenyl (117) exceeded the QC limit of 50. The result for total PCBs, pentachlorobiphenyl, tetrachlorobiphenyl, and trichlorobiphenyl in associated samples SDPCB3000405 and SDPCB3000405DP was qualified estimated (J).

Sample SDPCB3030405 was submitted for duplicate analysis. The duplicate RPD of total PCBs (155), pentachlorobiphenyl (146), and tetrachlorobiphenyl (143) exceeded the QC limit of 50. The result for total PCBs, pentachlorobiphenyl, and tetrachlorobiphenyl in associated samples SDPCB3030405 and SDPCB3030405DP was qualified estimated (J).

Sample SDPCB3040405 was submitted for duplicate analysis. The duplicate RPD of heptachlorobiphenyl (123), nonachlorobiphenyl (72), and total PCBs (186) exceeded the QC limit of 50. The result and reporting limits for heptachlorobiphenyl, nonachlorobiphenyl and total PCBs in associated samples SDPCB3040405 and SDPCB3040405 were qualified estimated (J/UJ).

2.4 Laboratory Duplicate

A summary of laboratory duplicate sample actions is presented in Table 3 with results being assigned a validation qualifier reason code of LD.

SDG 29853

Sample SDPCB3040506 was selected by the laboratory for duplicate analysis. The RPD between the sample and duplicate analysis for tetrachlorobiphenyl (34) exceeded the laboratory QC limit of 30. The result for tetrachlorobiphenyl in sample SDPCB3040506 was qualified estimated (J).

3.0 MERCURY

Samples were analyzed for mercury by USEPA Method 245.7. A description of validation actions are presented in the following subsection. Data were evaluated based on the following parameters:

- * Data Completeness
 - * Holding Times and Preservation
 - * Blanks
 - * Laboratory Control Sample (LCS)
 - * Matrix Spikes (MS/MSD)
 - * Field Duplicate
 - * Laboratory Duplicate
 - * Detection Limits
 - * Sample Result Verification/Electronic Evaluation Verification (EDD)
- * = indicates that criteria were met for this parameter

Results are usable as reported by the laboratory. A summary of final results is presented on Table 2.

4.0 REFERENCES

Amec Foster Wheeler, 2018. "Final Stratford Army Engine Plant Tidal Flats Feasibility Study Quality Assurance Project Plan"; Revision 1; Stratford Army Engine Plant Site; 550 Main Street; Stratford, CT; January 10, 2018.

Department of Defense (DOD), 2017. "Quality Systems Manual for Environmental Laboratories"; Department of Defense, Department of Energy (DOE) Consolidated; Version 5.1; January 3, 2017.

USEPA, 2009. "USEPA Guidance for Labelling Externally Validated Laboratory Analytical Data for Superfund Use"; Office of Solid Waste and Emergency Response; OSWER No. 9200.1-85, EPA 540-R-08-005, January 13, 2009.

Data validation was completed by project chemist:

- Wolfgang Calicchio

TABLES

Table 1 - Sample Summary
Data Validation Report
October 2017 Delineation Sampling
Startford Army Engine Plant Tidal Flats Feasibility Study
Stratford, Connecticut

SDG	Location ID	Lab Sample ID	Field Sample ID	Sample Date	Method Class		EPA 160.3 Total Solids	EPA 245.7 Mercury	8270 SIM/EPA 680 Mod. PCB Homologs	SW 846 8082/EPA 680 Modified PCB Homologs
					Analysis Method	Media				
29853	QC	29853-106	RB01	10/21/2017	EB	BW		1		11
29853	QC	29853-113	RB02	10/21/2017	EB	BW		1		11
29853	SD-PCB-001	29853-001	SDPCB0010001	10/18/2017	FS	SOIL	1		11	
29853	SD-PCB-001	29853-002	SDPCB0010102	10/18/2017	FS	SOIL	1		11	
29853	SD-PCB-002	29853-003	SDPCB0020001	10/18/2017	FS	SOIL	1		11	
29853	SD-PCB-002	29853-004	SDPCB0020102	10/18/2017	FS	SOIL	1		11	
29853	SD-PCB-003	29853-005	SDPCB0030001	10/18/2017	FS	SOIL	1		11	
29853	SD-PCB-003	29853-006	SDPCB0030102	10/18/2017	FS	SOIL	1		11	
29853	SD-PCB-004	29853-067	SDPCB0040001	10/20/2018	FS	SOIL	1		11	
29853	SD-PCB-004	29853-068	SDPCB0040102	10/20/2018	FS	SOIL	1		11	
29853	SD-PCB-004	29853-069	SDPCB0040102DP	10/20/2018	FD	SOIL	1		11	
29853	SD-PCB-005	29853-074	SDPCB0050001	10/20/2018	FS	SOIL	1		11	
29853	SD-PCB-005	29853-077	SDPCB0050102	10/20/2018	FS	SOIL	1		11	
29853	SD-PCB-006	29853-078	SDPCB0060001	10/20/2018	FS	SOIL	1		11	
29853	SD-PCB-006	29853-079	SDPCB0060102	10/20/2018	FS	SOIL	1		11	
29853	SD-PCB-006	29853-080	SDPCB0060102DP	10/20/2018	FD	SOIL	1		11	
29853	SD-PCB-007	29853-086	SDPCB0070001	10/20/2018	FS	SOIL	1		11	
29853	SD-PCB-007	29853-087	SDPCB0070001DP	10/20/2018	FD	SOIL	1		11	
29853	SD-PCB-007	29853-088	SDPCB0070102	10/20/2018	FS	SOIL	1		11	
29853	SD-PCB-008	29853-103	SDPCB0080001	10/21/2017	FS	SOIL	1		11	
29853	SD-PCB-008	29853-104	SDPCB0080001DP	10/21/2017	FD	SOIL	1		11	
29853	SD-PCB-008	29853-105	SDPCB0080102	10/21/2017	FS	SOIL	1		11	
29853	SD-PCB-101	29853-007	SDPCB1010001	10/18/2017	FS	SOIL	1		11	
29853	SD-PCB-101	29853-008	SDPCB1010102	10/18/2017	FS	SOIL	1		11	
29853	SD-PCB-102	29853-009	SDPCB1020001	10/18/2017	FS	SOIL	1		11	
29853	SD-PCB-102	29853-010	SDPCB1020102	10/18/2017	FS	SOIL	1		11	
29853	SD-PCB-102	29853-011	SDPCB1020102DP	10/18/2017	FD	SOIL	1		11	
29853	SD-PCB-103	29853-012	SDPCB1030001	10/18/2017	FS	SOIL	1		11	
29853	SD-PCB-103	29853-013	SDPCB1030102	10/18/2017	FS	SOIL	1		11	
29853	SD-PCB-104	29853-014	SDPCB1040001	10/18/2017	FS	SOIL	1		11	
29853	SD-PCB-104	29853-015	SDPCB1040102	10/18/2017	FS	SOIL	1		11	
29853	SD-PCB-105	29853-016	SDPCB1050001	10/18/2017	FS	SOIL	1		11	
29853	SD-PCB-105	29853-017	SDPCB1050102	10/18/2017	FS	SOIL	1		11	
29853	SD-PCB-106	29853-018	SDPCB1060001	10/18/2017	FS	SOIL	1		11	
29853	SD-PCB-106	29853-021	SDPCB1060102	10/18/2017	FS	SOIL	1		11	
29853	SD-PCB-107	29853-044	SDPCB1070001	10/19/2017	FS	SOIL	1		11	
29853	SD-PCB-107	29853-045	SDPCB1070102	10/19/2017	FS	SOIL	1		11	
29853	SD-PCB-108	29853-054	SDPCB1080001	10/20/2017	FS	SOIL	1		11	
29853	SD-PCB-108	29853-055	SDPCB1080001DP	10/20/2017	FD	SOIL	1		11	
29853	SD-PCB-108	29853-056	SDPCB1080102	10/20/2017	FS	SOIL	1		11	
29853	SD-PCB-109	29853-057	SDPCB1090001	10/20/2017	FS	SOIL	1		11	
29853	SD-PCB-109	29853-058	SDPCB1090102	10/20/2017	FS	SOIL	1		11	
29853	SD-PCB-201	29853-046	SDPCB2010001	10/20/2017	FS	SOIL	1		11	
29853	SD-PCB-201	29853-047	SDPCB2010102	10/20/2017	FS	SOIL	1		11	

Table 1 - Sample Summary
Data Validation Report
October 2017 Delineation Sampling
Startford Army Engine Plant Tidal Flats Feasibility Study
Stratford, Connecticut

SDG	Location ID	Lab Sample ID	Field Sample ID	Sample Date	Method Class		EPA 160.3	EPA 245.7	8270 SIM/EPA 680 Mod.	SW 846 8082/EPA 680 Modified
					Analysis Method	Media	Total Solids	Mercury	PCB Homologs	PCB Homologs
29853	SD-PCB-201	29853-048	SDPCB2010405	10/20/2017	FS	SOIL	1	1	11	
29853	SD-PCB-201	29853-051	SDPCB2010506	10/20/2017	FS	SOIL	1	1	11	
29853	SD-PCB-201	29853-052	SDPCB2010607	10/20/2017	FS	SOIL	1	1	11	
29853	SD-PCB-201	29853-053	SDPCB2010708	10/20/2017	FS	SOIL	1	1	11	
29853	SD-PCB-202	29853-111	SDPCB2020001	10/21/2017	FS	SOIL	1		11	
29853	SD-PCB-202	29853-112	SDPCB2020102	10/21/2017	FS	SOIL	1		11	
29853	SD-PCB-203	29853-107	SDPCB2030001	10/21/2017	FS	SOIL	1		11	
29853	SD-PCB-203	29853-108	SDPCB2030102	10/21/2017	FS	SOIL	1		11	
29853	SD-PCB-204	29853-109	SDPCB2040001	10/21/2017	FS	SOIL	1		11	
29853	SD-PCB-204	29853-110	SDPCB2040102	10/21/2017	FS	SOIL	1		11	
29853	SD-PCB-205	29853-023	SDPCB2050001	10/19/2017	FS	SOIL	1		11	
29853	SD-PCB-205	29853-024	SDPCB2050102	10/19/2017	FS	SOIL	1		11	
29853	SD-PCB-205	29853-025	SDPCB2050405	10/19/2017	FS	SOIL	1	1	11	
29853	SD-PCB-205	29853-026	SDPCB2050506	10/19/2017	FS	SOIL	1	1	11	
29853	SD-PCB-205	29853-028	SDPCB2050708	10/19/2017	FS	SOIL	1	1	11	
29853	SD-PCB-207	29853-027	SDPCB2050607	10/19/2017	FS	SOIL	1	1	11	
29853	SD-PCB-210	29853-059	SDPCB2100405	10/20/2017	FS	SOIL	1	1	11	
29853	SD-PCB-210	29853-060	SDPCB2100506	10/20/2017	FS	SOIL	1	1	11	
29853	SD-PCB-210	29853-061	SDPCB2100607	10/20/2017	FS	SOIL	1	1	11	
29853	SD-PCB-210	29853-062	SDPCB2100708	10/20/2017	FS	SOIL	1	1	11	
29853	SD-PCB-300	29853-096	SDPCB3000001	10/20/2017	FS	SOIL	1		11	
29853	SD-PCB-300	29853-097	SDPCB3000102	10/20/2017	FS	SOIL	1		11	
29853	SD-PCB-300	29853-098	SDPCB3000405	10/20/2017	FS	SOIL	1	1	11	
29853	SD-PCB-300	29853-099	SDPCB3000405DP	10/20/2017	FD	SOIL	1	1	11	
29853	SD-PCB-300	29853-100	SDPCB3000506	10/20/2017	FS	SOIL	1	1	11	
29853	SD-PCB-300	29853-101	SDPCB3000607	10/20/2017	FS	SOIL	1	1	11	
29853	SD-PCB-300	29853-102	SDPCB3000708	10/20/2017	FS	SOIL	1	1	11	
29853	SD-PCB-301	29853-063	SDPCB3010405	10/20/2017	FS	SOIL	1	1	11	
29853	SD-PCB-301	29853-064	SDPCB3010506	10/20/2017	FS	SOIL	1	1	11	
29853	SD-PCB-301	29853-065	SDPCB3010607	10/20/2017	FS	SOIL	1	1	11	
29853	SD-PCB-301	29853-066	SDPCB3010708	10/20/2017	FS	SOIL	1	1	11	
29853	SD-PCB-302	29853-070	SDPCB3020405	10/20/2018	FS	SOIL	1	1	11	
29853	SD-PCB-302	29853-071	SDPCB3020506	10/20/2018	FS	SOIL	1	1	11	
29853	SD-PCB-302	29853-072	SDPCB3020607	10/20/2018	FS	SOIL	1	1	11	
29853	SD-PCB-302	29853-073	SDPCB3020708	10/20/2018	FS	SOIL	1	1	11	
29853	SD-PCB-303	29853-081	SDPCB3030405	10/20/2018	FS	SOIL	1	1	11	
29853	SD-PCB-303	29853-082	SDPCB3030405DP	10/20/2018	FD	SOIL	1	1	11	
29853	SD-PCB-303	29853-083	SDPCB3030506	10/20/2018	FS	SOIL	1	1	11	
29853	SD-PCB-303	29853-084	SDPCB3030607	10/20/2018	FS	SOIL	1	1	11	
29853	SD-PCB-303	29853-085	SDPCB3030708	10/20/2018	FS	SOIL	1	1	11	
29853	SD-PCB-304	29853-089	SDPCB3040405	10/20/2017	FS	SOIL	1	1	11	
29853	SD-PCB-304	29853-090	SDPCB3040405DP	10/20/2017	FD	SOIL	1	1	11	
29853	SD-PCB-304	29853-091	SDPCB3040506	10/20/2017	FS	SOIL	1	1	11	
29853	SD-PCB-304	29853-094	SDPCB3040607	10/20/2017	FS	SOIL	1	1	11	

Table 1 - Sample Summary
Data Validation Report
October 2017 Delineation Sampling
Startford Army Engine Plant Tidal Flats Feasibility Study
Stratford, Connecticut

SDG	Location ID	Lab Sample ID	Field Sample ID	Sample Date	Method Class		EPA 160.3	EPA 245.7	8270 SIM/EPA 680 Mod.	SW 846 8082/EPA 680 Modified
					Analysis Method	Media	Total Solids	Mercury	PCB Homologs	PCB Homologs
29853	SD-PCB-304	29853-095	SDPCB3040708	10/20/2017	FS	SOIL	1	1	11	
29853	SD-PCB-400	29853-039	SDPCB4000405	10/19/2017	FS	SOIL	1	1	11	
29853	SD-PCB-400	29853-043	SDPCB4000405DP	10/19/2017	FD	SOIL	1	1	11	
29853	SD-PCB-400	29853-040	SDPCB4000506	10/19/2017	FS	SOIL	1	1	11	
29853	SD-PCB-400	29853-041	SDPCB4000607	10/19/2017	FS	SOIL	1	1	11	
29853	SD-PCB-400	29853-042	SDPCB4000708	10/19/2017	FS	SOIL	1	1	11	
29853	SD-PCB-401	29853-033	SDPCB4010405	10/19/2017	FS	SOIL	1	1	11	
29853	SD-PCB-401	29853-022	SDPCB4010405DP	10/18/2017	FD	SOIL	1	1	11	
29853	SD-PCB-401	29853-034	SDPCB4010506	10/19/2017	FS	SOIL	1	1	11	
29853	SD-PCB-401	29853-035	SDPCB4010607	10/19/2017	FS	SOIL	1	1	11	
29853	SD-PCB-401	29853-036	SDPCB4010708	10/19/2017	FS	SOIL	1	1	11	
29853	SD-PCB-402	29853-029	SDPCB4020405	10/19/2017	FS	SOIL	1	1	11	
29853	SD-PCB-402	29853-030	SDPCB4020506	10/19/2017	FS	SOIL	1	1	11	
29853	SD-PCB-402	29853-031	SDPCB4020607	10/19/2017	FS	SOIL	1	1	11	
29853	SD-PCB-402	29853-032	SDPCB4020708	10/19/2017	FS	SOIL	1	1	11	

Notes:

Number listed under method indicates the number of target analytes reported.

- BW = Blank Water
- EB = Equipment Blank
- FS = Field Sample
- FD = Field Duplicate

**Table 2 - Final Sample Results
Data Validation Report
October 2017 Delineation Sampling
Startford Army Engine Plant Tidal Flats Feasibility Study
Stratford, Connecticut**

Method	Parameter	Location ID Sample Name Sample Date Sample Type Units	QC RB01 10/21/17 EB		QC RB02 10/21/17 EB		SD-PCB-001 SDPCB0010001 10/18/17 FS		SD-PCB-001 SDPCB0010102 10/18/17 FS		SD-PCB-002 SDPCB0020001 10/18/17 FS		SD-PCB-002 SDPCB0020102 10/18/17 FS		SD-PCB-003 SDPCB0030001 10/18/17 FS		SD-PCB-003 SDPCB0030102 10/18/17 FS	
			Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
EPA 245.7	Mercury	UG/L	0.01	U	0.01	U												
SW 846 8082/EPA 680 Modified	Decachlorobiphenyl	UG/L	0.001	U	0.001	U												
SW 846 8082/EPA 680 Modified	Dichlorobiphenyl (total)	UG/L	0.003	U	0.003	U												
SW 846 8082/EPA 680 Modified	Heptachlorobiphenyl (total)	UG/L	0.004	U	0.004	U												
SW 846 8082/EPA 680 Modified	Hexachlorobiphenyl (total)	UG/L	0.004	U	0.004	U												
SW 846 8082/EPA 680 Modified	Monochlorobiphenyl (total)	UG/L	0.001	U	0.001	U												
SW 846 8082/EPA 680 Modified	Nonachlorobiphenyl (total)	UG/L	0.001	U	0.001	U												
SW 846 8082/EPA 680 Modified	Octachlorobiphenyl (total)	UG/L	0.003	U	0.003	U												
SW 846 8082/EPA 680 Modified	PCB (total)	UG/L	0.001		0.001													
SW 846 8082/EPA 680 Modified	Pentachlorobiphenyl (total)	UG/L	0.005	U	0.005	U												
SW 846 8082/EPA 680 Modified	Tetrachlorobiphenyl (total)	UG/L	0.004	U	0.004	U												
SW 846 8082/EPA 680 Modified	Trichlorobiphenyl (total)	UG/L	0.003	U	0.003	U												
160.3 600/4/79/020	Percent Solids	PERCENT					54.8		45.1		52.5		48.7		59.5		52.3	
EPA 245.7	Mercury	UG/G																
8270-SIM/680 Modified	Monochlorobiphenyl (total)	UG/KG					3 U		2 U		0.045 U		0.3 U		0.3 U		0.3 U	
8270-SIM/680 Modified	Dichlorobiphenyl (total)	UG/KG					94		44		1.3		9.4		3.9		5.7	
8270-SIM/680 Modified	Trichlorobiphenyl (total)	UG/KG					1600		610		100		40		130		17	
8270-SIM/680 Modified	Tetrachlorobiphenyl (total)	UG/KG					3300		1800		310		180		340		110	
8270-SIM/680 Modified	Pentachlorobiphenyl (total)	UG/KG					1300		990		130		200		160		130	
8270-SIM/680 Modified	Hexachlorobiphenyl (total)	UG/KG					400		440		53		180		64		100	
8270-SIM/680 Modified	Heptachlorobiphenyl (total)	UG/KG					300		420		160		140		70		160	
8270-SIM/680 Modified	Octachlorobiphenyl (total)	UG/KG					190		200		50		98		37		67	
8270-SIM/680 Modified	Nonachlorobiphenyl (total)	UG/KG					57		83		21		41		13		35	
8270-SIM/680 Modified	Decachlorobiphenyl	UG/KG					5.3		16		0.025 U		11		1.2		7.8	
8270-SIM/680 Modified	PCB (total)	UG/KG					7200		4600		820		900		810		630	

Notes:

- UG/L = microgram per liter
- UG/G = microgram per gram
- UG/KG = microgram per kilogram
- U = not detected above the reported concentration
- UJ = not detected above the reported concentration and is estimated
- J = value is estimated
- R = result is rejected

**Table 2 - Final Sample Results
Data Validation Report
October 2017 Delineation Sampling
Startford Army Engine Plant Tidal Flats Feasibility Study
Stratford, Connecticut**

Method	Parameter	Location ID Sample Name Sample Date Sample Type Units	SD-PCB-004 SDPCB0040001 10/20/18 FS		SD-PCB-004 SDPCB0040102 10/20/18 FS		SD-PCB-004 SDPCB0040102DP 10/20/18 FD		SD-PCB-005 SDPCB0050001 10/20/18 FS		SD-PCB-005 SDPCB0050102 10/20/18 FS		SD-PCB-006 SDPCB0060001 10/20/18 FS		SD-PCB-006 SDPCB0060102 10/20/18 FS		SD-PCB-006 SDPCB0060102DP 10/20/18 FD					
			Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier				
EPA 245.7	Mercury	UG/L																				
SW 846 8082/EPA 680 Modified	Decachlorobiphenyl	UG/L																				
SW 846 8082/EPA 680 Modified	Dichlorobiphenyl (total)	UG/L																				
SW 846 8082/EPA 680 Modified	Heptachlorobiphenyl (total)	UG/L																				
SW 846 8082/EPA 680 Modified	Hexachlorobiphenyl (total)	UG/L																				
SW 846 8082/EPA 680 Modified	Monochlorobiphenyl (total)	UG/L																				
SW 846 8082/EPA 680 Modified	Nonachlorobiphenyl (total)	UG/L																				
SW 846 8082/EPA 680 Modified	Octachlorobiphenyl (total)	UG/L																				
SW 846 8082/EPA 680 Modified	PCB (total)	UG/L																				
SW 846 8082/EPA 680 Modified	Pentachlorobiphenyl (total)	UG/L																				
SW 846 8082/EPA 680 Modified	Tetrachlorobiphenyl (total)	UG/L																				
SW 846 8082/EPA 680 Modified	Trichlorobiphenyl (total)	UG/L																				
160.3 600/4/79/020	Percent Solids	PERCENT	55.1		47			45.8		48.2			48.6			53.6			45.5			45.8
EPA 245.7	Mercury	UG/G																				
8270-SIM/680 Modified	Monochlorobiphenyl (total)	UG/KG		1 U		1 U			1 U		R			2 U			6 U			0.8 U		0.3 U
8270-SIM/680 Modified	Dichlorobiphenyl (total)	UG/KG		19		31 J			16 J		22			25			82			24		17
8270-SIM/680 Modified	Trichlorobiphenyl (total)	UG/KG		310		13 J			7.1 J		440 J			12.4 U			2000			42		32
8270-SIM/680 Modified	Tetrachlorobiphenyl (total)	UG/KG		730		130 J			71 J		1100			64			3800			160		130
8270-SIM/680 Modified	Pentachlorobiphenyl (total)	UG/KG		310		150			130		560			160			1300			250		190
8270-SIM/680 Modified	Hexachlorobiphenyl (total)	UG/KG		96		190			200		240			170			700			190		130
8270-SIM/680 Modified	Heptachlorobiphenyl (total)	UG/KG		73		130			140		190			130			490			150 J		81 J
8270-SIM/680 Modified	Octachlorobiphenyl (total)	UG/KG		37		61			55		130			59			240			93 J		49 J
8270-SIM/680 Modified	Nonachlorobiphenyl (total)	UG/KG		11		21			27		43			14			68			33		20
8270-SIM/680 Modified	Decachlorobiphenyl	UG/KG		1.9		5.6			4.6		5.2			4			5.1			4.4		2.8
8270-SIM/680 Modified	PCB (total)	UG/KG		1600		730			650		2700 J			620			8700			940		650

Notes:

- UG/L = microgram per liter
- UG/G = microgram per gram
- UG/KG = microgram per kilogram
- U = not detected above the reported concentration
- UJ = not detected above the reported concentration and is estimated
- J = value
- R = result

**Table 2 - Final Sample Results
Data Validation Report
October 2017 Delineation Sampling
Startford Army Engine Plant Tidal Flats Feasibility Study
Stratford, Connecticut**

Method	Parameter	Location ID Sample Name Sample Date Sample Type Units	SD-PCB-007 SDPCB0070001 10/20/18 FS		SD-PCB-007 SDPCB0070001DP 10/20/18 FD		SD-PCB-007 SDPCB0070102 10/20/18 FS		SD-PCB-008 SDPCB0080001 10/21/17 FS		SD-PCB-008 SDPCB0080001DP 10/21/17 FD		SD-PCB-008 SDPCB0080102 10/21/17 FS		SD-PCB-101 SDPCB1010001 10/18/17 FS		SD-PCB-101 SDPCB1010102 10/18/17 FS		
			Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
EPA 245.7	Mercury	UG/L																	
SW 846 8082/EPA 680 Modified	Decachlorobiphenyl	UG/L																	
SW 846 8082/EPA 680 Modified	Dichlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Heptachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Hexachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Monochlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Nonachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Octachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	PCB (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Pentachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Tetrachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Trichlorobiphenyl (total)	UG/L																	
160.3 600/4/79/020	Percent Solids	PERCENT	71.2		72.6		58.7		59.7		62.4		58.1		58.6		53.9		
EPA 245.7	Mercury	UG/G																	
8270-SIM/680 Modified	Monochlorobiphenyl (total)	UG/KG	1 U		0.2 U		0.045 U		5.7		6.7		1 U		0.045 U		0.045 U		
8270-SIM/680 Modified	Dichlorobiphenyl (total)	UG/KG	9.9 J		5.1 J		2		120		120		2.1		1.1		1.1		
8270-SIM/680 Modified	Trichlorobiphenyl (total)	UG/KG	330 J		130 J		0.12 U		1100		1100		10.3 U		40		0.12 U		
8270-SIM/680 Modified	Tetrachlorobiphenyl (total)	UG/KG	600 J		280 J		4.1		2100		2000		46		140		0.21 U		
8270-SIM/680 Modified	Pentachlorobiphenyl (total)	UG/KG	250 J		97 J		15		1400		1600		72		60		1.4		
8270-SIM/680 Modified	Hexachlorobiphenyl (total)	UG/KG	82		53		16		1800		1700		93		24		1.7		
8270-SIM/680 Modified	Heptachlorobiphenyl (total)	UG/KG	96 J		38 J		13		860		940		61		42		4.8		
8270-SIM/680 Modified	Octachlorobiphenyl (total)	UG/KG	35 J		20 J		9.6		370		430		53		32		17		
8270-SIM/680 Modified	Nonachlorobiphenyl (total)	UG/KG	13 J		6.4 J		4.8		140		150		26		20		11		
8270-SIM/680 Modified	Decachlorobiphenyl	UG/KG	0.4 U		0.65		0.87		9.6		10		4.5		12		1.8		
8270-SIM/680 Modified	PCB (total)	UG/KG	1400 J		620 J		66		7900		8100		360		370		38		

Notes:

- UG/L = microgram per liter
 - UG/G = microgram per gram
 - UG/KG = microgram per kilogram
 - U = not detected above the reported concentration
 - UJ = not detected above the reported concentration and is estimated
- J = value
R = result

**Table 2 - Final Sample Results
Data Validation Report
October 2017 Delineation Sampling
Startford Army Engine Plant Tidal Flats Feasibility Study
Stratford, Connecticut**

Method	Parameter	Location ID Sample Name Sample Date Sample Type Units	SD-PCB-102 SDPCB1020001 10/18/17 FS		SD-PCB-102 SDPCB1020102 10/18/17 FS		SD-PCB-102 SDPCB1020102DP 10/18/17 FD		SD-PCB-103 SDPCB1030001 10/18/17 FS		SD-PCB-103 SDPCB1030102 10/18/17 FS		SD-PCB-104 SDPCB1040001 10/18/17 FS		SD-PCB-104 SDPCB1040102 10/18/17 FS		SD-PCB-105 SDPCB1050001 10/18/17 FS	
			Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
EPA 245.7	Mercury	UG/L																
SW 846 8082/EPA 680 Modified	Decachlorobiphenyl	UG/L																
SW 846 8082/EPA 680 Modified	Dichlorobiphenyl (total)	UG/L																
SW 846 8082/EPA 680 Modified	Heptachlorobiphenyl (total)	UG/L																
SW 846 8082/EPA 680 Modified	Hexachlorobiphenyl (total)	UG/L																
SW 846 8082/EPA 680 Modified	Monochlorobiphenyl (total)	UG/L																
SW 846 8082/EPA 680 Modified	Nonachlorobiphenyl (total)	UG/L																
SW 846 8082/EPA 680 Modified	Octachlorobiphenyl (total)	UG/L																
SW 846 8082/EPA 680 Modified	PCB (total)	UG/L																
SW 846 8082/EPA 680 Modified	Pentachlorobiphenyl (total)	UG/L																
SW 846 8082/EPA 680 Modified	Tetrachlorobiphenyl (total)	UG/L																
SW 846 8082/EPA 680 Modified	Trichlorobiphenyl (total)	UG/L																
160.3 600/4/79/020	Percent Solids	PERCENT	58		57.5		58.3		50.9		61.7		68.7		54.3		61.5	
EPA 245.7	Mercury	UG/G																
8270-SIM/680 Modified	Monochlorobiphenyl (total)	UG/KG	0.045 U		0.045 U		0.045 U		0.045 U		0.045 U		0.045 U		0.045 U		0.045 U	
8270-SIM/680 Modified	Dichlorobiphenyl (total)	UG/KG	1.3		0.34 J		0.19 J		0.12 U		0.12 U		1.8		0.12 U		0.8	
8270-SIM/680 Modified	Trichlorobiphenyl (total)	UG/KG	83		0.12 U		0.12 U		42		13		68		0.12 U		65	
8270-SIM/680 Modified	Tetrachlorobiphenyl (total)	UG/KG	220		2.6 J		1.5 J		130		39		220		1.3		190	
8270-SIM/680 Modified	Pentachlorobiphenyl (total)	UG/KG	98		2.3		2		85		19		81		1.7		79	
8270-SIM/680 Modified	Hexachlorobiphenyl (total)	UG/KG	35		1.5		2.2		38		7		27		2.9		42	
8270-SIM/680 Modified	Heptachlorobiphenyl (total)	UG/KG	57		5.3		7.1		27		12		27		5.9		58	
8270-SIM/680 Modified	Octachlorobiphenyl (total)	UG/KG	29		10		8.9		10		2.6		15		5.8		47	
8270-SIM/680 Modified	Nonachlorobiphenyl (total)	UG/KG	12		6.2		7.1		4.4		0.4		5.9		3.9		21	
8270-SIM/680 Modified	Decachlorobiphenyl	UG/KG	4.4		4.4		5.3		0.6		0.025 U		1.5		1.4		7.9	
8270-SIM/680 Modified	PCB (total)	UG/KG	540		33		34		340		93		440		23		510	

Notes:

- UG/L = microgram per liter
 - UG/G = microgram per gram
 - UG/KG = microgram per kilogram
 - U = not detected above the reported concentration
 - UJ = not detected above the reported concentration and is estimated
- J = value
R = result

**Table 2 - Final Sample Results
Data Validation Report
October 2017 Delineation Sampling
Startford Army Engine Plant Tidal Flats Feasibility Study
Stratford, Connecticut**

Method	Parameter	Location ID Sample Name Sample Date Sample Type Units	SD-PCB-105 SDPCB1050102 10/18/17 FS		SD-PCB-106 SDPCB1060001 10/18/17 FS		SD-PCB-106 SDPCB1060102 10/18/17 FS		SD-PCB-107 SDPCB1070001 10/19/17 FS		SD-PCB-107 SDPCB1070102 10/19/17 FS		SD-PCB-108 SDPCB1080001 10/20/17 FS		SD-PCB-108 SDPCB1080001DP 10/20/17 FD		SD-PCB-108 SDPCB1080102 10/20/17 FS		
			Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
EPA 245.7	Mercury	UG/L																	
SW 846 8082/EPA 680 Modified	Decachlorobiphenyl	UG/L																	
SW 846 8082/EPA 680 Modified	Dichlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Heptachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Hexachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Monochlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Nonachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Octachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	PCB (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Pentachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Tetrachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Trichlorobiphenyl (total)	UG/L																	
160.3 600/4/79/020	Percent Solids	PERCENT	56.2		49.2		54.4		58.7		54.8		58		57.8		51		
EPA 245.7	Mercury	UG/G																	
8270-SIM/680 Modified	Monochlorobiphenyl (total)	UG/KG	0.045 U		0.045 UJ		0.045 U		0.045 U		0.045 U		0.045 U		0.045 U		0.067		
8270-SIM/680 Modified	Dichlorobiphenyl (total)	UG/KG	0.12 U		0.12 U		0.35		1.7		2.4		0.59 J		0.29 J		0.14		
8270-SIM/680 Modified	Trichlorobiphenyl (total)	UG/KG	0.46		66		19		78		61		29		22		0.38		
8270-SIM/680 Modified	Tetrachlorobiphenyl (total)	UG/KG	1.8		160 J		57		160		130		72		61		0.54		
8270-SIM/680 Modified	Pentachlorobiphenyl (total)	UG/KG	0.46		90		22		79		50		43		45		0.41		
8270-SIM/680 Modified	Hexachlorobiphenyl (total)	UG/KG	0.21 U		41 J		10		34		23		41		39		0.48		
8270-SIM/680 Modified	Heptachlorobiphenyl (total)	UG/KG	0.69		24		7.2		41		18		33		24		0.18 U		
8270-SIM/680 Modified	Octachlorobiphenyl (total)	UG/KG	0.12 U		15		2.6		27		11		11		11		0.64		
8270-SIM/680 Modified	Nonachlorobiphenyl (total)	UG/KG	0.045 U		5.1		0.045 U		4.3		4.3		4.7		5.8		0.58		
8270-SIM/680 Modified	Decachlorobiphenyl	UG/KG	0.025 U		0.76		0.025 U		2.1		0.93		1.5		1.8		0.82		
8270-SIM/680 Modified	PCB (total)	UG/KG	3.4		400 J		120		430		300		240		210		4.1		

Notes:

- UG/L = microgram per liter
- UG/G = microgram per gram
- UG/KG = microgram per kilogram
- U = not detected above the reported concentration
- UJ = not detected above the reported concentration and is estimated
- J = value
- R = result

**Table 2 - Final Sample Results
Data Validation Report
October 2017 Delineation Sampling
Startford Army Engine Plant Tidal Flats Feasibility Study
Stratford, Connecticut**

Method	Parameter	Location ID Sample Name Sample Date Sample Type Units	SD-PCB-109 SDPCB1090001 10/20/17 FS		SD-PCB-109 SDPCB1090102 10/20/17 FS		SD-PCB-201 SDPCB2010001 10/20/17 FS		SD-PCB-201 SDPCB2010102 10/20/17 FS		SD-PCB-201 SDPCB2010405 10/20/17 FS		SD-PCB-201 SDPCB2010506 10/20/17 FS		SD-PCB-201 SDPCB2010607 10/20/17 FS		SD-PCB-201 SDPCB2010708 10/20/17 FS		
			Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
EPA 245.7	Mercury	UG/L																	
SW 846 8082/EPA 680 Modified	Decachlorobiphenyl	UG/L																	
SW 846 8082/EPA 680 Modified	Dichlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Heptachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Hexachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Monochlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Nonachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Octachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	PCB (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Pentachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Tetrachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Trichlorobiphenyl (total)	UG/L																	
160.3 600/4/79/020	Percent Solids	PERCENT	54.8		53.1		70.4		57.5		59.6		60.6		53.8		52.3		
EPA 245.7	Mercury	UG/G									0.016		0.015		0.019		0.018		
8270-SIM/680 Modified	Monochlorobiphenyl (total)	UG/KG	0.045 U		0.045 U		0.4 U		0.045 U		0.045 U		0.045 U		0.045 U		0.045 U		
8270-SIM/680 Modified	Dichlorobiphenyl (total)	UG/KG	0.37		0.12 U		4.1		2.1		0.12 U		0.12 U		0.12 U		0.12 U		
8270-SIM/680 Modified	Trichlorobiphenyl (total)	UG/KG	31		0.12 U		130		0.12 U		0.49		0.09		0.18		0.95		
8270-SIM/680 Modified	Tetrachlorobiphenyl (total)	UG/KG	89		0.21 U		290		2.9		0.95		0.31		0.28		2.4		
8270-SIM/680 Modified	Pentachlorobiphenyl (total)	UG/KG	39		0.23 U		100		5.2		0.58		0.1		0.23 U		1.2		
8270-SIM/680 Modified	Hexachlorobiphenyl (total)	UG/KG	17		0.21 U		48		5.9		0.36		0.21 U		0.21 U		0.4		
8270-SIM/680 Modified	Heptachlorobiphenyl (total)	UG/KG	15		0.18 U		32		6		0.096		0.18 U		0.18 U		0.2		
8270-SIM/680 Modified	Octachlorobiphenyl (total)	UG/KG	10		0.12 U		17		6.4		0.028		0.12 U		0.12 U		0.12 U		
8270-SIM/680 Modified	Nonachlorobiphenyl (total)	UG/KG	5.1		0.045 U		6.4		5.2		0.045 U		0.045 U		0.045 U		0.045 U		
8270-SIM/680 Modified	Decachlorobiphenyl	UG/KG	1.5		0.025 U		0.68		3.6		0.046		0.025 U		0.025 U		0.025 U		
8270-SIM/680 Modified	PCB (total)	UG/KG	210		1.5 U		630		37		2.6		0.51		0.47		5.2		

Notes:

- UG/L = microgram per liter
 - UG/G = microgram per gram
 - UG/KG = microgram per kilogram
 - U = not detected above the reported concentration
 - UJ = not detected above the reported concentration and is estimated
- J = value
R = result

**Table 2 - Final Sample Results
Data Validation Report
October 2017 Delineation Sampling
Startford Army Engine Plant Tidal Flats Feasibility Study
Stratford, Connecticut**

Method	Parameter	Location ID Sample Name Sample Date Sample Type Units	SD-PCB-202 SDPCB2020001 10/21/17 FS		SD-PCB-202 SDPCB2020102 10/21/17 FS		SD-PCB-203 SDPCB2030001 10/21/17 FS		SD-PCB-203 SDPCB2030102 10/21/17 FS		SD-PCB-204 SDPCB2040001 10/21/17 FS		SD-PCB-204 SDPCB2040102 10/21/17 FS		SD-PCB-205 SDPCB2050001 10/19/17 FS		SD-PCB-205 SDPCB2050102 10/19/17 FS		
			Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
EPA 245.7	Mercury	UG/L																	
SW 846 8082/EPA 680 Modified	Decachlorobiphenyl	UG/L																	
SW 846 8082/EPA 680 Modified	Dichlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Heptachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Hexachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Monochlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Nonachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Octachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	PCB (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Pentachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Tetrachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Trichlorobiphenyl (total)	UG/L																	
160.3 600/4/79/020	Percent Solids	PERCENT	63.2		53		56.4		49.9		72.5		63		65.2		69.2		
EPA 245.7	Mercury	UG/G																	
8270-SIM/680 Modified	Monochlorobiphenyl (total)	UG/KG	0.045 U		0.1		3 U		0.045 U		6.7		0.045 U		2 UJ		0.045 U		
8270-SIM/680 Modified	Dichlorobiphenyl (total)	UG/KG	1.6		2.8		25		1.2		260		1.7		400		3.1		
8270-SIM/680 Modified	Trichlorobiphenyl (total)	UG/KG	74		2.6		350		7		8900		33		2600		9.4		
8270-SIM/680 Modified	Tetrachlorobiphenyl (total)	UG/KG	190		7.1		550		16		18000		68		4500		24		
8270-SIM/680 Modified	Pentachlorobiphenyl (total)	UG/KG	74		7.1		170		6.1		5700		25		2400		22		
8270-SIM/680 Modified	Hexachlorobiphenyl (total)	UG/KG	20		4.5		35		4.5		1300		11		750		12		
8270-SIM/680 Modified	Heptachlorobiphenyl (total)	UG/KG	13		7.1		18		4.7		760		10		400		7.6		
8270-SIM/680 Modified	Octachlorobiphenyl (total)	UG/KG	7.1		6.4		2.4		6.3		360		10		150		5.3		
8270-SIM/680 Modified	Nonachlorobiphenyl (total)	UG/KG	3.3		4		3 U		4.6		110		7.3		34		1.8		
8270-SIM/680 Modified	Decachlorobiphenyl	UG/KG	1.6		2.8		0.8 U		3.4		4		0.025 U		1.9		0.62		
8270-SIM/680 Modified	PCB (total)	UG/KG	380		44		1100		54		36000		170		11000 J		86		

Notes:

- UG/L = microgram per liter
- UG/G = microgram per gram
- UG/KG = microgram per kilogram
- U = not detected above the reported concentration
- UJ = not detected above the reported concentration and is estimated
- J = value
- R = result

**Table 2 - Final Sample Results
Data Validation Report
October 2017 Delineation Sampling
Startford Army Engine Plant Tidal Flats Feasibility Study
Stratford, Connecticut**

Method	Parameter	Location ID Sample Name Sample Date Sample Type Units	SD-PCB-205 SDPCB2050405 10/19/17 FS		SD-PCB-205 SDPCB2050506 10/19/17 FS		SD-PCB-205 SDPCB2050708 10/19/17 FS		SD-PCB-207 SDPCB2050607 10/19/17 FS		SD-PCB-210 SDPCB2100405 10/20/17 FS		SD-PCB-210 SDPCB2100506 10/20/17 FS		SD-PCB-210 SDPCB2100607 10/20/17 FS		SD-PCB-210 SDPCB2100708 10/20/17 FS		
			Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result
EPA 245.7	Mercury	UG/L																	
SW 846 8082/EPA 680 Modified	Decachlorobiphenyl	UG/L																	
SW 846 8082/EPA 680 Modified	Dichlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Heptachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Hexachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Monochlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Nonachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Octachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	PCB (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Pentachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Tetrachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Trichlorobiphenyl (total)	UG/L																	
160.3 600/4/79/020	Percent Solids	PERCENT	60.8		61.3		52		56.9		61.3		56.5		53.6		51.3		
EPA 245.7	Mercury	UG/G	0.021		0.016		0.021		0.019		0.017		0.019		0.019		0.017		
8270-SIM/680 Modified	Monochlorobiphenyl (total)	UG/KG	0.35		0.045 U		0.045 U		0.03		0.045 U		0.045 U		0.045 U		0.045 U		
8270-SIM/680 Modified	Dichlorobiphenyl (total)	UG/KG	0.12 U		0.12 U		0.12 U		0.12 U		0.12 U		0.12 U		0.12 U		0.12 U		
8270-SIM/680 Modified	Trichlorobiphenyl (total)	UG/KG	0.064		1.2		0.56		0.26		0.47		0.23		0.12 U		0.12 U		
8270-SIM/680 Modified	Tetrachlorobiphenyl (total)	UG/KG	1.5		2.1		1.2		0.37		1.2		0.91		0.21 U		0.21 U		
8270-SIM/680 Modified	Pentachlorobiphenyl (total)	UG/KG	1.1		1.1		0.53		0.16		0.41		0.31		0.23 U		0.23 U		
8270-SIM/680 Modified	Hexachlorobiphenyl (total)	UG/KG	0.31		0.68		0.11		0.21 U		0.21 U		0.21 U		0.21 U		0.21 U		
8270-SIM/680 Modified	Heptachlorobiphenyl (total)	UG/KG	0.81		0.22		0.18 U		0.18 U		0.067		0.18 U		0.18 U		0.18 U		
8270-SIM/680 Modified	Octachlorobiphenyl (total)	UG/KG	0.19		0.12 U		0.12 U		0.12 U		0.021		0.12 U		0.12 U		0.12 U		
8270-SIM/680 Modified	Nonachlorobiphenyl (total)	UG/KG	0.88		0.045 U		0.045 U		0.045 U		0.045 U		0.029		0.045 U		0.045 U		
8270-SIM/680 Modified	Decachlorobiphenyl	UG/KG	0.22		0.025 U		0.025 U		0.025 U		0.045		0.025 U		0.025 U		0.025 U		
8270-SIM/680 Modified	PCB (total)	UG/KG	5.4		5.3		2.4		0.81		2.3		1.5		1.5 U		1.5 U		

Notes:

- UG/L = microgram per liter
 - UG/G = microgram per gram
 - UG/KG = microgram per kilogram
 - U = not detected above the reported concentration
 - UJ = not detected above the reported concentration and is estimated
- J = value
R = result

**Table 2 - Final Sample Results
Data Validation Report
October 2017 Delineation Sampling
Startford Army Engine Plant Tidal Flats Feasibility Study
Stratford, Connecticut**

Method	Parameter	Location ID Sample Name Sample Date Sample Type Units	SD-PCB-300 SDPCB3000405 10/20/17 FS		SD-PCB-300 SDPCB3000405DP 10/20/17 FD		SD-PCB-300 SDPCB3000001 10/20/17 FS		SD-PCB-300 SDPCB3000102 10/20/17 FS		SD-PCB-300 SDPCB3000506 10/20/17 FS		SD-PCB-300 SDPCB3000607 10/20/17 FS		SD-PCB-300 SDPCB3000708 10/20/17 FS		SD-PCB-301 SDPCB3010405 10/20/17 FS		
			Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
EPA 245.7	Mercury	UG/L																	
SW 846 8082/EPA 680 Modified	Decachlorobiphenyl	UG/L																	
SW 846 8082/EPA 680 Modified	Dichlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Heptachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Hexachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Monochlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Nonachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Octachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	PCB (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Pentachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Tetrachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Trichlorobiphenyl (total)	UG/L																	
160.3 600/4/79/020	Percent Solids	PERCENT	61.8		60.9		54.3		51.3		61.4		56.5		52.8		61.2		
EPA 245.7	Mercury	UG/G	0.021		0.018				0.013		0.017		0.016		0.014				
8270-SIM/680 Modified	Monochlorobiphenyl (total)	UG/KG	0.045 U		0.045 U		0.045 U		0.3 U		0.045 U		0.045 U		0.045 U		0.045 U		
8270-SIM/680 Modified	Dichlorobiphenyl (total)	UG/KG	0.12 U		0.12 U		0.91		1 U		0.12 U		0.12 U		0.12 U		0.12 U		
8270-SIM/680 Modified	Trichlorobiphenyl (total)	UG/KG	0.2 J		0.76 J		82		3.4		0.46		0.12 U		0.12 U		0.12 U		
8270-SIM/680 Modified	Tetrachlorobiphenyl (total)	UG/KG	0.6 J		1.8 J		220		9.3		0.88		0.21 U		0.21 U		0.21 U		
8270-SIM/680 Modified	Pentachlorobiphenyl (total)	UG/KG	0.2 J		0.84 J		96		4.6		0.37		0.23 U		0.23 U		0.23 U		
8270-SIM/680 Modified	Hexachlorobiphenyl (total)	UG/KG	0.21 U		0.13		32		1.6		0.21 U		0.21 U		0.21 U		0.21 U		
8270-SIM/680 Modified	Heptachlorobiphenyl (total)	UG/KG	0.18 U		0.1		28		0.097		0.14		0.18 U		0.18 U		0.18 U		
8270-SIM/680 Modified	Octachlorobiphenyl (total)	UG/KG	0.12 U		0.12 U		14		1.6		0.12 U		0.12 U		0.12 U		0.059		
8270-SIM/680 Modified	Nonachlorobiphenyl (total)	UG/KG	0.045 U		0.045 U		4.1		0.86		0.045 U		0.045 U		0.045 U		0.045 U		
8270-SIM/680 Modified	Decachlorobiphenyl	UG/KG	0.025 U		0.025 U		0.42		0.61		0.025 U		0.025 U		0.025 U		0.025 U		
8270-SIM/680 Modified	PCB (total)	UG/KG	1 J		3.6 J		480		22		1.9		1.5 U		1.5 U		1.5 U		

Notes:

- UG/L = microgram per liter
- UG/G = microgram per gram
- UG/KG = microgram per kilogram
- U = not detected above the reported concentration
- UJ = not detected above the reported concentration and is estimated
- J = value
- R = result

**Table 2 - Final Sample Results
Data Validation Report
October 2017 Delineation Sampling
Startford Army Engine Plant Tidal Flats Feasibility Study
Stratford, Connecticut**

Method	Parameter	Location ID Sample Name Sample Date Sample Type Units	SD-PCB-301 SDPCB3010506 10/20/17 FS		SD-PCB-301 SDPCB3010607 10/20/17 FS		SD-PCB-301 SDPCB3010708 10/20/17 FS		SD-PCB-302 SDPCB3020405 10/20/18 FS		SD-PCB-302 SDPCB3020506 10/20/18 FS		SD-PCB-302 SDPCB3020607 10/20/18 FS		SD-PCB-302 SDPCB3020708 10/20/18 FS		SD-PCB-303 SDPCB3030405 10/20/18 FS		
			Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
EPA 245.7	Mercury	UG/L																	
SW 846 8082/EPA 680 Modified	Decachlorobiphenyl	UG/L																	
SW 846 8082/EPA 680 Modified	Dichlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Heptachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Hexachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Monochlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Nonachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Octachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	PCB (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Pentachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Tetrachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Trichlorobiphenyl (total)	UG/L																	
160.3 600/4/79/020	Percent Solids	PERCENT	57.5		50.9		51.2		62.3		56.5		49.2		52		61.1		
EPA 245.7	Mercury	UG/G	0.016		0.02		0.019		0.015		0.018		0.02		0.017		0.014		
8270-SIM/680 Modified	Monochlorobiphenyl (total)	UG/KG	0.045 U		0.045 U		0.045 U		0.045 U		0.045 U		0.045 U		0.045 U		0.045 U		
8270-SIM/680 Modified	Dichlorobiphenyl (total)	UG/KG	0.12 U		0.12 U		0.12 U		0.12 U		0.12 U		0.12 U		0.12 U		0.12 U		
8270-SIM/680 Modified	Trichlorobiphenyl (total)	UG/KG	0.12 U		0.12 U		0.12 U		0.3		0.12 U		0.12 U		0.12 U		0.17		
8270-SIM/680 Modified	Tetrachlorobiphenyl (total)	UG/KG	0.21 U		0.21 U		0.21 U		0.066		0.21 U		0.21 U		0.21 U		0.39 J		
8270-SIM/680 Modified	Pentachlorobiphenyl (total)	UG/KG	0.23 U		0.23 U		0.23 U		0.34		0.23 U		0.23 U		0.23 U		0.21 J		
8270-SIM/680 Modified	Hexachlorobiphenyl (total)	UG/KG	0.21 U		0.21 U		0.21 U		0.0084		0.21 U		0.21 U		0.21 U		0.21 U		
8270-SIM/680 Modified	Heptachlorobiphenyl (total)	UG/KG	0.18 U		0.18 U		0.18 U		0.74		0.18 U		0.18 U		0.18 U		0.18 U		
8270-SIM/680 Modified	Octachlorobiphenyl (total)	UG/KG	0.12 U		0.035		0.12 U		0.12 U		0.12 U		0.12 U		0.12 U		0.12 U		
8270-SIM/680 Modified	Nonachlorobiphenyl (total)	UG/KG	0.045 U		0.045 U		0.045 U		0.028		0.045 U		0.045 U		0.045 U		0.045 U		
8270-SIM/680 Modified	Decachlorobiphenyl	UG/KG	0.025 U		0.037		0.025 U		0.025 U		0.025 U		0.025 U		0.025 U		0.025 U		
8270-SIM/680 Modified	PCB (total)	UG/KG	1.5 U		1.5 U		1.5 U		1.5		1.5 U		1.5 U		1.5 U		0.77 J		

Notes:

- UG/L = microgram per liter
- UG/G = microgram per gram
- UG/KG = microgram per kilogram
- U = not detected above the reported concentration
- UJ = not detected above the reported concentration and is estimated
- J = value
- R = result

**Table 2 - Final Sample Results
Data Validation Report
October 2017 Delineation Sampling
Startford Army Engine Plant Tidal Flats Feasibility Study
Stratford, Connecticut**

Method	Parameter	Location ID Sample Name Sample Date Sample Type Units	SD-PCB-303 SDPCB3030405DP		SD-PCB-303 SDPCB3030506		SD-PCB-303 SDPCB3030607		SD-PCB-303 SDPCB3030708		SD-PCB-304 SDPCB3040405		SD-PCB-304 SDPCB3040405DP		SD-PCB-304 SDPCB3040506		SD-PCB-304 SDPCB3040607	
			Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
EPA 245.7	Mercury	UG/L																
SW 846 8082/EPA 680 Modified	Decachlorobiphenyl	UG/L																
SW 846 8082/EPA 680 Modified	Dichlorobiphenyl (total)	UG/L																
SW 846 8082/EPA 680 Modified	Heptachlorobiphenyl (total)	UG/L																
SW 846 8082/EPA 680 Modified	Hexachlorobiphenyl (total)	UG/L																
SW 846 8082/EPA 680 Modified	Monochlorobiphenyl (total)	UG/L																
SW 846 8082/EPA 680 Modified	Nonachlorobiphenyl (total)	UG/L																
SW 846 8082/EPA 680 Modified	Octachlorobiphenyl (total)	UG/L																
SW 846 8082/EPA 680 Modified	PCB (total)	UG/L																
SW 846 8082/EPA 680 Modified	Pentachlorobiphenyl (total)	UG/L																
SW 846 8082/EPA 680 Modified	Tetrachlorobiphenyl (total)	UG/L																
SW 846 8082/EPA 680 Modified	Trichlorobiphenyl (total)	UG/L																
160.3 600/4/79/020	Percent Solids	PERCENT	61.9		58.8		52.3		53.3		62		61.9		61.3		57.6	
EPA 245.7	Mercury	UG/G	0.013		0.016		0.018		0.015		0.013		0.015		0.014		0.016	
8270-SIM/680 Modified	Monochlorobiphenyl (total)	UG/KG	0.045 U		0.045 U		0.045 U		0.045 U		0.045 U		0.045 U		0.045 U		0.045 U	
8270-SIM/680 Modified	Dichlorobiphenyl (total)	UG/KG	0.12 U		0.12 U		0.12 U		0.12 U		0.12 U		0.12 U		0.12 U		0.12 U	
8270-SIM/680 Modified	Trichlorobiphenyl (total)	UG/KG	0.12 U		0.12 U		0.12 U		0.29		0.036		0.034		0.2		0.63	
8270-SIM/680 Modified	Tetrachlorobiphenyl (total)	UG/KG	0.065 J		0.21 U		0.21 U		0.74		0.21 U		0.025		0.24 J		1.1	
8270-SIM/680 Modified	Pentachlorobiphenyl (total)	UG/KG	0.033 J		0.23 U		0.23 U		0.33		0.23 U		0.23 U		0.15		0.33	
8270-SIM/680 Modified	Hexachlorobiphenyl (total)	UG/KG	0.21 U		0.21 U		0.21 U		0.21 U		0.21 U		0.21 U		0.0082		0.21 U	
8270-SIM/680 Modified	Heptachlorobiphenyl (total)	UG/KG	0.18 U		0.18 U		0.18 U		0.18 U		0.18 UJ		0.75 J		0.18 U		0.18 U	
8270-SIM/680 Modified	Octachlorobiphenyl (total)	UG/KG	0.12 U		0.12 U		0.12 U		0.12 U		0.12 U		0.053		0.12 U		0.12 U	
8270-SIM/680 Modified	Nonachlorobiphenyl (total)	UG/KG	0.045 U		0.045 U		0.045 U		0.045 U		0.045 UJ		0.096 J		0.045 U		0.045 U	
8270-SIM/680 Modified	Decachlorobiphenyl	UG/KG	0.025 U		0.025 U		0.025 U		0.025 U		0.025 U		0.025 U		0.025 U		0.025 U	
8270-SIM/680 Modified	PCB (total)	UG/KG	0.098 J		1.5 U		1.5 U		1.4		0.036 J		0.96 J		0.6		2.1	

Notes:

- UG/L = microgram per liter
- UG/G = microgram per gram
- UG/KG = microgram per kilogram
- U = not detected above the reported concentration
- UJ = not detected above the reported concentration and is estimated
- J = value
- R = result

**Table 2 - Final Sample Results
Data Validation Report
October 2017 Delineation Sampling
Startford Army Engine Plant Tidal Flats Feasibility Study
Stratford, Connecticut**

Method	Parameter	Location ID Sample Name Sample Date Sample Type Units	SD-PCB-304 SDPCB3040708 10/20/17 FS		SD-PCB-400 SDPCB4000405 10/19/17 FS		SD-PCB-400 SDPCB4000405DP 10/19/17 FD		SD-PCB-400 SDPCB4000506 10/19/17 FS		SD-PCB-400 SDPCB4000607 10/19/17 FS		SD-PCB-400 SDPCB4000708 10/19/17 FS		SD-PCB-401 SDPCB4010405DP 10/18/17 FD		SD-PCB-401 SDPCB4010405 10/19/17 FS		
			Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
EPA 245.7	Mercury	UG/L																	
SW 846 8082/EPA 680 Modified	Decachlorobiphenyl	UG/L																	
SW 846 8082/EPA 680 Modified	Dichlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Heptachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Hexachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Monochlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Nonachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Octachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	PCB (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Pentachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Tetrachlorobiphenyl (total)	UG/L																	
SW 846 8082/EPA 680 Modified	Trichlorobiphenyl (total)	UG/L																	
160.3 600/4/79/020	Percent Solids	PERCENT	52.6		58.2		58.3		56.9		54.1		55.4		58.5		59.1		
EPA 245.7	Mercury	UG/G	0.017		0.016		0.018		0.018		0.018		0.017		0.017		0.02		
8270-SIM/680 Modified	Monochlorobiphenyl (total)	UG/KG	0.045 U		0.045 U		0.045 U		0.045 U		0.045 U		0.045 U		0.045 U		0.045 U		
8270-SIM/680 Modified	Dichlorobiphenyl (total)	UG/KG	0.12 U		0.12 U		0.12 U		0.12 U		0.12 U		0.12 U		0.12 U		0.12 U		
8270-SIM/680 Modified	Trichlorobiphenyl (total)	UG/KG	0.26		0.12 U		0.061		0.25		0.12 U		0.029		0.12 U		0.13		
8270-SIM/680 Modified	Tetrachlorobiphenyl (total)	UG/KG	0.7		0.13		0.14		0.14		0.21 U		0.21 U		0.21 U		0.17		
8270-SIM/680 Modified	Pentachlorobiphenyl (total)	UG/KG	0.19		0.23 U		0.23 U		0.23 U		0.23 U		0.23 U		0.23 U		0.23 U		
8270-SIM/680 Modified	Hexachlorobiphenyl (total)	UG/KG	0.21 U		0.009		0.21 U		0.21 U		0.21 U		0.21 U		0.21 U		0.018		
8270-SIM/680 Modified	Heptachlorobiphenyl (total)	UG/KG	0.18 U		0.18 U		0.18 U		0.18 U		0.18 U		0.46		0.18 U		0.18 U		
8270-SIM/680 Modified	Octachlorobiphenyl (total)	UG/KG	0.12 U		0.12 U		0.12 U		0.12 U		0.12 U		0.087		0.12 U		0.12 U		
8270-SIM/680 Modified	Nonachlorobiphenyl (total)	UG/KG	0.045 U		0.045 U		0.045 U		0.045 U		0.045 U		1.8		0.045 U		0.045 U		
8270-SIM/680 Modified	Decachlorobiphenyl	UG/KG	0.025 U		0.025 U		0.025 U		0.025 U		0.025 U		0.025 U		0.025 U		0.025 U		
8270-SIM/680 Modified	PCB (total)	UG/KG	1.1		0.14		0.2		0.39		1.5 U		2.4		1.5 U		0.32		

Notes:

- UG/L = microgram per liter
 - UG/G = microgram per gram
 - UG/KG = microgram per kilogram
 - U = not detected above the reported concentration
 - UJ = not detected above the reported concentration and is estimated
- J = value
R = result

**Table 2 - Final Sample Results
Data Validation Report
October 2017 Delineation Sampling
Startford Army Engine Plant Tidal Flats Feasibility Study
Stratford, Connecticut**

Method	Parameter	Location ID Sample Name Sample Date Sample Type Units	SD-PCB-401 SDPCB4010506 10/19/17 FS		SD-PCB-401 SDPCB4010607 10/19/17 FS		SD-PCB-401 SDPCB4010708 10/19/17 FS		SD-PCB-402 SDPCB4020405 10/19/17 FS		SD-PCB-402 SDPCB4020506 10/19/17 FS		SD-PCB-402 SDPCB4020607 10/19/17 FS		SD-PCB-402 SDPCB4020708 10/19/17 FS		
			Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
EPA 245.7	Mercury	UG/L															
SW 846 8082/EPA 680 Modified	Decachlorobiphenyl	UG/L															
SW 846 8082/EPA 680 Modified	Dichlorobiphenyl (total)	UG/L															
SW 846 8082/EPA 680 Modified	Heptachlorobiphenyl (total)	UG/L															
SW 846 8082/EPA 680 Modified	Hexachlorobiphenyl (total)	UG/L															
SW 846 8082/EPA 680 Modified	Monochlorobiphenyl (total)	UG/L															
SW 846 8082/EPA 680 Modified	Nonachlorobiphenyl (total)	UG/L															
SW 846 8082/EPA 680 Modified	Octachlorobiphenyl (total)	UG/L															
SW 846 8082/EPA 680 Modified	PCB (total)	UG/L															
SW 846 8082/EPA 680 Modified	Pentachlorobiphenyl (total)	UG/L															
SW 846 8082/EPA 680 Modified	Tetrachlorobiphenyl (total)	UG/L															
SW 846 8082/EPA 680 Modified	Trichlorobiphenyl (total)	UG/L															
160.3 600/4/79/020	Percent Solids	PERCENT	55.4		51.2		52.4		59		55.5		52.3		53.4		
EPA 245.7	Mercury	UG/G	0.019		0.019		0.019		0.017		0.02		0.021		0.019		
8270-SIM/680 Modified	Monochlorobiphenyl (total)	UG/KG	0.045 U		0.045 U		0.045 U		0.045 U		0.1 U		0.045 U		0.045 U		
8270-SIM/680 Modified	Dichlorobiphenyl (total)	UG/KG	0.12 U		0.12 U		0.12 U		0.12 U		0.5 U		0.12 U		0.12 U		
8270-SIM/680 Modified	Trichlorobiphenyl (total)	UG/KG	0.13		0.043		0.12 U		0.3		1 U		0.33		0.058		
8270-SIM/680 Modified	Tetrachlorobiphenyl (total)	UG/KG	0.098		0.21 U		0.21 U		0.91		0.04 U		0.27		0.22		
8270-SIM/680 Modified	Pentachlorobiphenyl (total)	UG/KG	0.23 U		0.27		0.23 U		0.43		2 U		0.089		0.04		
8270-SIM/680 Modified	Hexachlorobiphenyl (total)	UG/KG	0.21 U		0.21 U		0.21 U		0.15		2 U		0.21 U		0.092		
8270-SIM/680 Modified	Heptachlorobiphenyl (total)	UG/KG	0.18 U		0.18 U		0.18 U		0.18 U		1 U		0.18 U		0.42		
8270-SIM/680 Modified	Octachlorobiphenyl (total)	UG/KG	0.12 U		0.12 U		0.12 U		0.38		0.5 U		0.12 U		0.12 U		
8270-SIM/680 Modified	Nonachlorobiphenyl (total)	UG/KG	0.045 U		0.045 U		0.045 U		0.045 U		0.1 U		0.045 U		0.42		
8270-SIM/680 Modified	Decachlorobiphenyl	UG/KG	0.025 U		0.025 U		0.025 U		0.025 U		0.05 U		0.025 U		0.025 U		
8270-SIM/680 Modified	PCB (total)	UG/KG	0.22		0.32		1.5 U		2.2		0.5 U		0.69		1.2		

Notes:

- UG/L = microgram per liter
- UG/G = microgram per gram
- UG/KG = microgram per kilogram
- U = not detected above the reported concentration
- UJ = not detected above the reported concentration and is estimated
- J = value
- R = result

Table 3 - Validation Actions Summary
Data Validation Report
October 2017 Delineation Sampling
Startford Army Engine Plant Tidal Flats Feasibility Study
Stratford, Connecticut

SDG	Analysis Method	Lab Sample ID	Field Sample ID	Parameter Name	Lab Result	Lab Qual	Final Result	Final Qual	Val Reason Code	Result Units
29853	8270-SIM	29853-018	SDPCB1060001	Monochlorobiphenyl (total)	0.045	U	0.045	UJ	LCS-L, MS-L	UG/KG
29853	8270-SIM	29853-018	SDPCB1060001	PCB (total)	400	J	400	J	LCS-L, MS-L	UG/KG
29853	8270-SIM	29853-074	SDPCB0050001	Monochlorobiphenyl (total)	0.3	U		R	MS-L	UG/KG
29853	8270-SIM	29853-074	SDPCB0050001	PCB (total)	2700	J	2,700	J	MS-H	UG/KG
29853	8270-SIM	29853-074	SDPCB0050001	Trichlorobiphenyl (total)	440	J	440	J	MS-H, MS-L	UG/KG
29853	8270-SIM	29853-018	SDPCB1060001	Hexachlorobiphenyl (total)	41	J	41	J	MS-H	UG/KG
29853	8270-SIM	29853-018	SDPCB1060001	Tetrachlorobiphenyl (total)	160	J	160	J	MS-L	UG/KG
29853	8270-SIM	29853-023	SDPCB2050001	Monochlorobiphenyl (total)	2	U	2	UJ	MS-L	UG/KG
29853	8270-SIM	29853-023	SDPCB2050001	PCB (total)	11000	J	11,000	J	MS-L	UG/KG
29853	8270-SIM	29853-068	SDPCB0040102	Dichlorobiphenyl (total)	31	J	31	J	FD	UG/KG
29853	8270-SIM	29853-068	SDPCB0040102	Tetrachlorobiphenyl (total)	130	J	130	J	FD	UG/KG
29853	8270-SIM	29853-068	SDPCB0040102	Trichlorobiphenyl (total)	13	J	13	J	FD	UG/KG
29853	8270-SIM	29853-069	SDPCB0040102DP	Dichlorobiphenyl (total)	16	J	16	J	FD	UG/KG
29853	8270-SIM	29853-069	SDPCB0040102DP	Tetrachlorobiphenyl (total)	71	J	71	J	FD	UG/KG
29853	8270-SIM	29853-069	SDPCB0040102DP	Trichlorobiphenyl (total)	7.1	J	7.1	J	FD	UG/KG
29853	8270-SIM	29853-079	SDPCB0060102	Heptachlorobiphenyl (total)	150	J	150	J	FD	UG/KG
29853	8270-SIM	29853-079	SDPCB0060102	Octachlorobiphenyl (total)	93	J	93	J	FD	UG/KG
29853	8270-SIM	29853-080	SDPCB0060102DP	Heptachlorobiphenyl (total)	81	J	81	J	FD	UG/KG
29853	8270-SIM	29853-080	SDPCB0060102DP	Octachlorobiphenyl (total)	49	J	49	J	FD	UG/KG
29853	8270-SIM	29853-086	SDPCB0070001	Dichlorobiphenyl (total)	9.9	J	9.9	J	FD	UG/KG
29853	8270-SIM	29853-086	SDPCB0070001	Heptachlorobiphenyl (total)	96	J	96	J	FD	UG/KG
29853	8270-SIM	29853-086	SDPCB0070001	Nonachlorobiphenyl (total)	13	J	13	J	FD	UG/KG
29853	8270-SIM	29853-086	SDPCB0070001	Octachlorobiphenyl (total)	35	J	35	J	FD	UG/KG
29853	8270-SIM	29853-086	SDPCB0070001	PCB (total)	1400	J	1,400	J	FD	UG/KG
29853	8270-SIM	29853-086	SDPCB0070001	Pentachlorobiphenyl (total)	250	J	250	J	FD	UG/KG
29853	8270-SIM	29853-086	SDPCB0070001	Tetrachlorobiphenyl (total)	600	J	600	J	FD	UG/KG
29853	8270-SIM	29853-086	SDPCB0070001	Trichlorobiphenyl (total)	330	J	330	J	FD	UG/KG
29853	8270-SIM	29853-087	SDPCB0070001DP	Dichlorobiphenyl (total)	5.1	J	5.1	J	FD	UG/KG
29853	8270-SIM	29853-087	SDPCB0070001DP	Heptachlorobiphenyl (total)	38	J	38	J	FD	UG/KG
29853	8270-SIM	29853-087	SDPCB0070001DP	Nonachlorobiphenyl (total)	6.4	J	6.4	J	FD	UG/KG
29853	8270-SIM	29853-087	SDPCB0070001DP	Octachlorobiphenyl (total)	20	J	20	J	FD	UG/KG
29853	8270-SIM	29853-087	SDPCB0070001DP	PCB (total)	620	J	620	J	FD	UG/KG
29853	8270-SIM	29853-087	SDPCB0070001DP	Pentachlorobiphenyl (total)	97	J	97	J	FD	UG/KG
29853	8270-SIM	29853-087	SDPCB0070001DP	Tetrachlorobiphenyl (total)	280	J	280	J	FD	UG/KG
29853	8270-SIM	29853-087	SDPCB0070001DP	Trichlorobiphenyl (total)	130	J	130	J	FD	UG/KG
29853	8270-SIM	29853-010	SDPCB1020102	Dichlorobiphenyl (total)	0.34	J	0.34	J	FD	UG/KG
29853	8270-SIM	29853-010	SDPCB1020102	Tetrachlorobiphenyl (total)	2.6	J	2.6	J	FD	UG/KG
29853	8270-SIM	29853-011	SDPCB1020102DP	Dichlorobiphenyl (total)	0.19	J	0.19	J	FD	UG/KG
29853	8270-SIM	29853-011	SDPCB1020102DP	Tetrachlorobiphenyl (total)	1.5	J	1.5	J	FD	UG/KG
29853	8270-SIM	29853-054	SDPCB1080001	Dichlorobiphenyl (total)	0.59	J	0.59	J	FD	UG/KG
29853	8270-SIM	29853-055	SDPCB1080001DP	Dichlorobiphenyl (total)	0.29	J	0.29	J	FD	UG/KG
29853	8270-SIM	29853-098	SDPCB3000405	PCB (total)	1	J	1	J	FD	UG/KG
29853	8270-SIM	29853-098	SDPCB3000405	Pentachlorobiphenyl (total)	0.2	J	0.2	J	FD	UG/KG
29853	8270-SIM	29853-098	SDPCB3000405	Tetrachlorobiphenyl (total)	0.6	J	0.6	J	FD	UG/KG
29853	8270-SIM	29853-098	SDPCB3000405	Trichlorobiphenyl (total)	0.2	J	0.2	J	FD	UG/KG
29853	8270-SIM	29853-099	SDPCB3000405DP	PCB (total)	3.6	J	3.6	J	FD	UG/KG
29853	8270-SIM	29853-099	SDPCB3000405DP	Pentachlorobiphenyl (total)	0.84	J	0.84	J	FD	UG/KG
29853	8270-SIM	29853-099	SDPCB3000405DP	Tetrachlorobiphenyl (total)	1.8	J	1.8	J	FD	UG/KG
29853	8270-SIM	29853-099	SDPCB3000405DP	Trichlorobiphenyl (total)	0.76	J	0.76	J	FD	UG/KG
29853	8270-SIM	29853-081	SDPCB3030405	PCB (total)	0.77	J	0.77	J	FD	UG/KG
29853	8270-SIM	29853-081	SDPCB3030405	Pentachlorobiphenyl (total)	0.21	J	0.21	J	FD	UG/KG
29853	8270-SIM	29853-081	SDPCB3030405	Tetrachlorobiphenyl (total)	0.39	J	0.39	J	FD	UG/KG
29853	8270-SIM	29853-082	SDPCB3030405DP	PCB (total)	0.098	J	0.098	J	FD	UG/KG
29853	8270-SIM	29853-082	SDPCB3030405DP	Pentachlorobiphenyl (total)	0.033	J	0.033	J	FD	UG/KG
29853	8270-SIM	29853-082	SDPCB3030405DP	Tetrachlorobiphenyl (total)	0.065	J	0.065	J	FD	UG/KG
29853	8270-SIM	29853-089	SDPCB3040405	Heptachlorobiphenyl (total)	0.18	U	0.18	UJ	FD	UG/KG
29853	8270-SIM	29853-089	SDPCB3040405	Nonachlorobiphenyl (total)	0.045	U	0.045	UJ	FD	UG/KG
29853	8270-SIM	29853-089	SDPCB3040405	PCB (total)	0.036	J	0.036	J	FD	UG/KG
29853	8270-SIM	29853-090	SDPCB3040405DP	Heptachlorobiphenyl (total)	0.75	J	0.75	J	FD	UG/KG
29853	8270-SIM	29853-090	SDPCB3040405DP	Nonachlorobiphenyl (total)	0.096	J	0.096	J	FD	UG/KG
29853	8270-SIM	29853-090	SDPCB3040405DP	PCB (total)	0.96	J	0.96	J	FD	UG/KG
29853	8270-SIM	29853-091	SDPCB3040506	Tetrachlorobiphenyl (total)	0.24	J	0.24	J	LD	UG/KG

Units:

UG/KG = microgram per kilogram

Validation Reason Codes:

LCS-L = LCS recovery low
 FD = Field duplicate limit exceeded
 LD = Laboratory duplicate limit exceeded
 MS-H = Matrix spike recovery high
 MS-L = Matrix spike recovery low

Validation Qualifier:

U = not detected above the reported concentration
 UJ = not detected above the reported concentration and is estimated
 J = value is estimated
 R = result is rejected

Addendum - Final Sediment Remediation Endpoints Report
Tidal Flats and Outfall 008
Stratford Army Engine Plant, Stratford, Connecticut

APPENDIX D

2017 SEDIMENT ANALYTICAL RESULTS

loc_name	X_coord	Y_coord	field_sample_id	media	qc_code	top_depth	bottom_depth	eld_sample_date	analysis_method	casno	param_name	ppm_result	final_qualifier	ppm_uom	report_hit_flag
SD-PCB-001	898119.6073	624348.1243	SDPCB0010001	SOIL	FS	0	0	18-Oct-17	160.3	HLA0046	Percent Solids	54.8		PERCENT	Y
SD-PCB-001	898119.6073	624348.1243	SDPCB0010001	SOIL	FS	0	0	18-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0053		MG/KG	Y
SD-PCB-001	898119.6073	624348.1243	SDPCB0010001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.094		MG/KG	Y
SD-PCB-001	898119.6073	624348.1243	SDPCB0010001	SOIL	FS	0	0	18-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.3		MG/KG	Y
SD-PCB-001	898119.6073	624348.1243	SDPCB0010001	SOIL	FS	0	0	18-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.4		MG/KG	Y
SD-PCB-001	898119.6073	624348.1243	SDPCB0010001	SOIL	FS	0	0	18-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.003	U	MG/KG	N
SD-PCB-001	898119.6073	624348.1243	SDPCB0010001	SOIL	FS	0	0	18-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.057		MG/KG	Y
SD-PCB-001	898119.6073	624348.1243	SDPCB0010001	SOIL	FS	0	0	18-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.19		MG/KG	Y
SD-PCB-001	898119.6073	624348.1243	SDPCB0010001	SOIL	FS	0	0	18-Oct-17	8270-SIM	1336-36-3	PCB (total)	7.2		MG/KG	Y
SD-PCB-001	898119.6073	624348.1243	SDPCB0010001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	1.3		MG/KG	Y
SD-PCB-001	898119.6073	624348.1243	SDPCB0010001	SOIL	FS	0	0	18-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	3.3		MG/KG	Y
SD-PCB-001	898119.6073	624348.1243	SDPCB0010001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	1.6		MG/KG	Y
SD-PCB-001	898119.6073	624348.1243	SDPCB0010102	SOIL	FS	0	0	18-Oct-17	160.3	HLA0046	Percent Solids	45.1		PERCENT	Y
SD-PCB-001	898119.6073	624348.1243	SDPCB0010102	SOIL	FS	0	0	18-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.016		MG/KG	Y
SD-PCB-001	898119.6073	624348.1243	SDPCB0010102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.044		MG/KG	Y
SD-PCB-001	898119.6073	624348.1243	SDPCB0010102	SOIL	FS	0	0	18-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.42		MG/KG	Y
SD-PCB-001	898119.6073	624348.1243	SDPCB0010102	SOIL	FS	0	0	18-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.44		MG/KG	Y
SD-PCB-001	898119.6073	624348.1243	SDPCB0010102	SOIL	FS	0	0	18-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.002	U	MG/KG	N
SD-PCB-001	898119.6073	624348.1243	SDPCB0010102	SOIL	FS	0	0	18-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.083		MG/KG	Y
SD-PCB-001	898119.6073	624348.1243	SDPCB0010102	SOIL	FS	0	0	18-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.2		MG/KG	Y
SD-PCB-001	898119.6073	624348.1243	SDPCB0010102	SOIL	FS	0	0	18-Oct-17	8270-SIM	1336-36-3	PCB (total)	4.6		MG/KG	Y
SD-PCB-001	898119.6073	624348.1243	SDPCB0010102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.99		MG/KG	Y
SD-PCB-001	898119.6073	624348.1243	SDPCB0010102	SOIL	FS	0	0	18-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	1.8		MG/KG	Y
SD-PCB-001	898119.6073	624348.1243	SDPCB0010102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.61		MG/KG	Y
SD-PCB-002	898169.5386	624329.0839	SDPCB0020001	SOIL	FS	0	0	18-Oct-17	160.3	HLA0046	Percent Solids	52.5		PERCENT	Y
SD-PCB-002	898169.5386	624329.0839	SDPCB0020001	SOIL	FS	0	0	18-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.000025	U	MG/KG	N
SD-PCB-002	898169.5386	624329.0839	SDPCB0020001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.0013		MG/KG	Y
SD-PCB-002	898169.5386	624329.0839	SDPCB0020001	SOIL	FS	0	0	18-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.16		MG/KG	Y
SD-PCB-002	898169.5386	624329.0839	SDPCB0020001	SOIL	FS	0	0	18-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.053		MG/KG	Y
SD-PCB-002	898169.5386	624329.0839	SDPCB0020001	SOIL	FS	0	0	18-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-002	898169.5386	624329.0839	SDPCB0020001	SOIL	FS	0	0	18-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.021		MG/KG	Y
SD-PCB-002	898169.5386	624329.0839	SDPCB0020001	SOIL	FS	0	0	18-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.05		MG/KG	Y
SD-PCB-002	898169.5386	624329.0839	SDPCB0020001	SOIL	FS	0	0	18-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.82		MG/KG	Y
SD-PCB-002	898169.5386	624329.0839	SDPCB0020001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.13		MG/KG	Y
SD-PCB-002	898169.5386	624329.0839	SDPCB0020001	SOIL	FS	0	0	18-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.31		MG/KG	Y
SD-PCB-002	898169.5386	624329.0839	SDPCB0020001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.1		MG/KG	Y
SD-PCB-002	898169.5386	624329.0839	SDPCB0020102	SOIL	FS	0	0	18-Oct-17	160.3	HLA0046	Percent Solids	48.7		PERCENT	Y
SD-PCB-002	898169.5386	624329.0839	SDPCB0020102	SOIL	FS	0	0	18-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.011		MG/KG	Y
SD-PCB-002	898169.5386	624329.0839	SDPCB0020102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.0094		MG/KG	Y
SD-PCB-002	898169.5386	624329.0839	SDPCB0020102	SOIL	FS	0	0	18-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.14		MG/KG	Y
SD-PCB-002	898169.5386	624329.0839	SDPCB0020102	SOIL	FS	0	0	18-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.18		MG/KG	Y
SD-PCB-002	898169.5386	624329.0839	SDPCB0020102	SOIL	FS	0	0	18-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.0003	U	MG/KG	N
SD-PCB-002	898169.5386	624329.0839	SDPCB0020102	SOIL	FS	0	0	18-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.041		MG/KG	Y
SD-PCB-002	898169.5386	624329.0839	SDPCB0020102	SOIL	FS	0	0	18-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.098		MG/KG	Y
SD-PCB-002	898169.5386	624329.0839	SDPCB0020102	SOIL	FS	0	0	18-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.9		MG/KG	Y
SD-PCB-002	898169.5386	624329.0839	SDPCB0020102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.2		MG/KG	Y
SD-PCB-002	898169.5386	624329.0839	SDPCB0020102	SOIL	FS	0	0	18-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.18		MG/KG	Y
SD-PCB-002	898169.5386	624329.0839	SDPCB0020102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.04		MG/KG	Y
SD-PCB-003	898205.6813	624304.0322	SDPCB0030001	SOIL	FS	0	0	18-Oct-17	160.3	HLA0046	Percent Solids	59.5		PERCENT	Y
SD-PCB-003	898205.6813	624304.0322	SDPCB0030001	SOIL	FS	0	0	18-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0012		MG/KG	Y
SD-PCB-003	898205.6813	624304.0322	SDPCB0030001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.0039		MG/KG	Y
SD-PCB-003	898205.6813	624304.0322	SDPCB0030001	SOIL	FS	0	0	18-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.07		MG/KG	Y
SD-PCB-003	898205.6813	624304.0322	SDPCB0030001	SOIL	FS	0	0	18-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.064		MG/KG	Y
SD-PCB-003	898205.6813	624304.0322	SDPCB0030001	SOIL	FS	0	0	18-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.0003	U	MG/KG	N
SD-PCB-003	898205.6813	624304.0322	SDPCB0030001	SOIL	FS	0	0	18-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.013		MG/KG	Y
SD-PCB-003	898205.6813	624304.0322	SDPCB0030001	SOIL	FS	0	0	18-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.037		MG/KG	Y
SD-PCB-003	898205.6813	624304.0322	SDPCB0030001	SOIL	FS	0	0	18-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.81		MG/KG	Y
SD-PCB-003	898205.6813	624304.0322	SDPCB0030001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.16		MG/KG	Y
SD-PCB-003	898205.6813	624304.0322	SDPCB0030001	SOIL	FS	0	0	18-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.34		MG/KG	Y
SD-PCB-003	898205.6813	624304.0322	SDPCB0030001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.13		MG/KG	Y
SD-PCB-003	898205.6813	624304.0322	SDPCB0030102	SOIL	FS	0	0	18-Oct-17	160.3	HLA0046	Percent Solids	52.3		PERCENT	Y
SD-PCB-003	898205.6813	624304.0322	SDPCB0030102	SOIL	FS	0	0	18-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0078		MG/KG	Y
SD-PCB-003	898205.6813	624304.0322	SDPCB0030102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.0057		MG/KG	Y
SD-PCB-003	898205.6813	624304.0322	SDPCB0030102	SOIL	FS	0	0	18-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.16		MG/KG	Y

loc_name	X_coord	Y_coord	field_sample_id	media	qc_code	top_depth	bottom_depth	eld_sample_date	analysis_method	casno	param_name	ppm_result	final_qualifier	ppm_uom	report_hit_flag
SD-PCB-003	898205.6813	624304.0322	SDPCB0030102	SOIL	FS	0	0	18-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.1		MG/KG	Y
SD-PCB-003	898205.6813	624304.0322	SDPCB0030102	SOIL	FS	0	0	18-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.0003	U	MG/KG	N
SD-PCB-003	898205.6813	624304.0322	SDPCB0030102	SOIL	FS	0	0	18-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.035		MG/KG	Y
SD-PCB-003	898205.6813	624304.0322	SDPCB0030102	SOIL	FS	0	0	18-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.067		MG/KG	Y
SD-PCB-003	898205.6813	624304.0322	SDPCB0030102	SOIL	FS	0	0	18-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.63		MG/KG	Y
SD-PCB-003	898205.6813	624304.0322	SDPCB0030102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.13		MG/KG	Y
SD-PCB-003	898205.6813	624304.0322	SDPCB0030102	SOIL	FS	0	0	18-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.11		MG/KG	Y
SD-PCB-003	898205.6813	624304.0322	SDPCB0030102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.017		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040001	SOIL	FS	0	0	20-Oct-18	160.3	HLA0046	Percent Solids	55.1		PERCENT	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040001	SOIL	FS	0	0	20-Oct-18	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0019		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040001	SOIL	FS	0	0	20-Oct-18	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.019		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040001	SOIL	FS	0	0	20-Oct-18	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.073		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040001	SOIL	FS	0	0	20-Oct-18	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.096		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040001	SOIL	FS	0	0	20-Oct-18	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.001	U	MG/KG	N
SD-PCB-004	898100.6109	624305.6952	SDPCB0040001	SOIL	FS	0	0	20-Oct-18	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.011		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040001	SOIL	FS	0	0	20-Oct-18	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.037		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040001	SOIL	FS	0	0	20-Oct-18	8270-SIM	1336-36-3	PCB (total)	1.6		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040001	SOIL	FS	0	0	20-Oct-18	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.31		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040001	SOIL	FS	0	0	20-Oct-18	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.73		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040001	SOIL	FS	0	0	20-Oct-18	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.31		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040102	SOIL	FS	0	0	20-Oct-18	160.3	HLA0046	Percent Solids	47		PERCENT	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040102DP	SOIL	FD	0	0	20-Oct-18	160.3	HLA0046	Percent Solids	45.8		PERCENT	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040102DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0046		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040102	SOIL	FS	0	0	20-Oct-18	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0056		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040102	SOIL	FS	0	0	20-Oct-18	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.031	J	MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040102DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.016	J	MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040102DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.14		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040102	SOIL	FS	0	0	20-Oct-18	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.13		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040102	SOIL	FS	0	0	20-Oct-18	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.19		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040102DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.2		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040102DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.001	U	MG/KG	N
SD-PCB-004	898100.6109	624305.6952	SDPCB0040102	SOIL	FS	0	0	20-Oct-18	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.001	U	MG/KG	N
SD-PCB-004	898100.6109	624305.6952	SDPCB0040102	SOIL	FS	0	0	20-Oct-18	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.021		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040102DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.027		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040102DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.055		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040102	SOIL	FS	0	0	20-Oct-18	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.061		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040102	SOIL	FS	0	0	20-Oct-18	8270-SIM	1336-36-3	PCB (total)	0.73		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040102DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	1336-36-3	PCB (total)	0.65		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040102DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.13		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040102	SOIL	FS	0	0	20-Oct-18	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.15		MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040102	SOIL	FS	0	0	20-Oct-18	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.13	J	MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040102DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.071	J	MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040102DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.0071	J	MG/KG	Y
SD-PCB-004	898100.6109	624305.6952	SDPCB0040102	SOIL	FS	0	0	20-Oct-18	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.013	J	MG/KG	Y
SD-PCB-005	898149.1555	624283.6257	SDPCB0050001	SOIL	FS	0	0	20-Oct-18	160.3	HLA0046	Percent Solids	48.2		PERCENT	Y
SD-PCB-005	898149.1555	624283.6257	SDPCB0050001	SOIL	FS	0	0	20-Oct-18	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0052		MG/KG	Y
SD-PCB-005	898149.1555	624283.6257	SDPCB0050001	SOIL	FS	0	0	20-Oct-18	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.022		MG/KG	Y
SD-PCB-005	898149.1555	624283.6257	SDPCB0050001	SOIL	FS	0	0	20-Oct-18	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.19		MG/KG	Y
SD-PCB-005	898149.1555	624283.6257	SDPCB0050001	SOIL	FS	0	0	20-Oct-18	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.24		MG/KG	Y
SD-PCB-005	898149.1555	624283.6257	SDPCB0050001	SOIL	FS	0	0	20-Oct-18	8270-SIM	27323-18-8	Monochlorobiphenyl (total)		R	MG/KG	N
SD-PCB-005	898149.1555	624283.6257	SDPCB0050001	SOIL	FS	0	0	20-Oct-18	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.043		MG/KG	Y
SD-PCB-005	898149.1555	624283.6257	SDPCB0050001	SOIL	FS	0	0	20-Oct-18	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.13		MG/KG	Y
SD-PCB-005	898149.1555	624283.6257	SDPCB0050001	SOIL	FS	0	0	20-Oct-18	8270-SIM	1336-36-3	PCB (total)	2.7	J	MG/KG	Y
SD-PCB-005	898149.1555	624283.6257	SDPCB0050001	SOIL	FS	0	0	20-Oct-18	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.56		MG/KG	Y
SD-PCB-005	898149.1555	624283.6257	SDPCB0050001	SOIL	FS	0	0	20-Oct-18	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	1.1		MG/KG	Y
SD-PCB-005	898149.1555	624283.6257	SDPCB0050001	SOIL	FS	0	0	20-Oct-18	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.44	J	MG/KG	Y
SD-PCB-005	898149.1555	624283.6257	SDPCB0050102	SOIL	FS	0	0	20-Oct-18	160.3	HLA0046	Percent Solids	48.6		PERCENT	Y
SD-PCB-005	898149.1555	624283.6257	SDPCB0050102	SOIL	FS	0	0	20-Oct-18	8270-SIM	2051-24-3	Decachlorobiphenyl	0.004		MG/KG	Y
SD-PCB-005	898149.1555	624283.6257	SDPCB0050102	SOIL	FS	0	0	20-Oct-18	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.025		MG/KG	Y
SD-PCB-005	898149.1555	624283.6257	SDPCB0050102	SOIL	FS	0	0	20-Oct-18	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.13		MG/KG	Y
SD-PCB-005	898149.1555	624283.6257	SDPCB0050102	SOIL	FS	0	0	20-Oct-18	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.17		MG/KG	Y
SD-PCB-005	898149.1555	624283.6257	SDPCB0050102	SOIL	FS	0	0	20-Oct-18	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.002	U	MG/KG	N
SD-PCB-005	898149.1555	624283.6257	SDPCB0050102	SOIL	FS	0	0	20-Oct-18	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.014		MG/KG	Y
SD-PCB-005	898149.1555	624283.6257	SDPCB0050102	SOIL	FS	0	0	20-Oct-18	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.059		MG/KG	Y

loc_name	X_coord	Y_coord	field_sample_id	media	qc_code	top_depth	bottom_depth	eld_sample_date	analysis_method	casno	param_name	ppm_result	final_qualifier	ppm_uom	report_hit_flag
SD-PCB-005	898149.1555	624283.6257	SDPCB0050102	SOIL	FS	0	0	20-Oct-18	8270-SIM	1336-36-3	PCB (total)	0.62		MG/KG	Y
SD-PCB-005	898149.1555	624283.6257	SDPCB0050102	SOIL	FS	0	0	20-Oct-18	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.16		MG/KG	Y
SD-PCB-005	898149.1555	624283.6257	SDPCB0050102	SOIL	FS	0	0	20-Oct-18	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.064		MG/KG	Y
SD-PCB-005	898149.1555	624283.6257	SDPCB0050102	SOIL	FS	0	0	20-Oct-18	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.0124	U	MG/KG	N
SD-PCB-006	898196.3598	624270.0624	SDPCB0060001	SOIL	FS	0	0	20-Oct-18	160.3	HLA0046	Percent Solids	53.6		PERCENT	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060001	SOIL	FS	0	0	20-Oct-18	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0051		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060001	SOIL	FS	0	0	20-Oct-18	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.082		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060001	SOIL	FS	0	0	20-Oct-18	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.49		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060001	SOIL	FS	0	0	20-Oct-18	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.7		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060001	SOIL	FS	0	0	20-Oct-18	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.006	U	MG/KG	N
SD-PCB-006	898196.3598	624270.0624	SDPCB0060001	SOIL	FS	0	0	20-Oct-18	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.068		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060001	SOIL	FS	0	0	20-Oct-18	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.24		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060001	SOIL	FS	0	0	20-Oct-18	8270-SIM	1336-36-3	PCB (total)	8.7		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060001	SOIL	FS	0	0	20-Oct-18	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	1.3		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060001	SOIL	FS	0	0	20-Oct-18	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	3.8		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060001	SOIL	FS	0	0	20-Oct-18	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	2		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060102	SOIL	FS	0	0	20-Oct-18	160.3	HLA0046	Percent Solids	45.5		PERCENT	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060102DP	SOIL	FD	0	0	20-Oct-18	160.3	HLA0046	Percent Solids	45.8		PERCENT	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060102DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0028		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060102	SOIL	FS	0	0	20-Oct-18	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0044		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060102	SOIL	FS	0	0	20-Oct-18	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.024		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060102DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.017		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060102	SOIL	FS	0	0	20-Oct-18	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.15	J	MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060102DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.081	J	MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060102DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.13		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060102	SOIL	FS	0	0	20-Oct-18	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.19		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060102	SOIL	FS	0	0	20-Oct-18	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.0008	U	MG/KG	N
SD-PCB-006	898196.3598	624270.0624	SDPCB0060102DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.0003	U	MG/KG	N
SD-PCB-006	898196.3598	624270.0624	SDPCB0060102DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.02		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060102	SOIL	FS	0	0	20-Oct-18	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.033		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060102	SOIL	FS	0	0	20-Oct-18	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.093	J	MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060102DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.049	J	MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060102DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	1336-36-3	PCB (total)	0.65		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060102	SOIL	FS	0	0	20-Oct-18	8270-SIM	1336-36-3	PCB (total)	0.94		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060102	SOIL	FS	0	0	20-Oct-18	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.25		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060102DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.19		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060102DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.13		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060102	SOIL	FS	0	0	20-Oct-18	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.16		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060102	SOIL	FS	0	0	20-Oct-18	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.042		MG/KG	Y
SD-PCB-006	898196.3598	624270.0624	SDPCB0060102DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.032		MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070001	SOIL	FS	0	0	20-Oct-18	160.3	HLA0046	Percent Solids	71.2		PERCENT	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070001DP	SOIL	FD	0	0	20-Oct-18	160.3	HLA0046	Percent Solids	72.6		PERCENT	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070001DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	2051-24-3	Decachlorobiphenyl	0.00065		MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070001	SOIL	FS	0	0	20-Oct-18	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0004	U	MG/KG	N
SD-PCB-007	898079.7393	624253.5605	SDPCB0070001DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.0051	J	MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070001	SOIL	FS	0	0	20-Oct-18	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.0099	J	MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070001	SOIL	FS	0	0	20-Oct-18	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.096	J	MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070001DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.038	J	MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070001DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.053		MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070001	SOIL	FS	0	0	20-Oct-18	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.082		MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070001	SOIL	FS	0	0	20-Oct-18	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.001	U	MG/KG	N
SD-PCB-007	898079.7393	624253.5605	SDPCB0070001DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.0002	U	MG/KG	N
SD-PCB-007	898079.7393	624253.5605	SDPCB0070001	SOIL	FS	0	0	20-Oct-18	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.013	J	MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070001DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0064	J	MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070001DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.02	J	MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070001	SOIL	FS	0	0	20-Oct-18	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.035	J	MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070001DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	1336-36-3	PCB (total)	0.62	J	MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070001	SOIL	FS	0	0	20-Oct-18	8270-SIM	1336-36-3	PCB (total)	1.4	J	MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070001	SOIL	FS	0	0	20-Oct-18	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.25	J	MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070001DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.097	J	MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070001	SOIL	FS	0	0	20-Oct-18	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.6	J	MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070001DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.28	J	MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070001DP	SOIL	FD	0	0	20-Oct-18	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.13	J	MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070001	SOIL	FS	0	0	20-Oct-18	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.33	J	MG/KG	Y

loc_name	X_coord	Y_coord	field_sample_id	media	qc_code	top_depth	bottom_depth	eld_sample_date	analysis_method	casno	param_name	ppm_result	final_qualifier	ppm_uom	report_hit_flag
SD-PCB-007	898079.7393	624253.5605	SDPCB0070102	SOIL	FS	0	0	20-Oct-18	160.3	HLA0046	Percent Solids	58.7		PERCENT	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070102	SOIL	FS	0	0	20-Oct-18	8270-SIM	2051-24-3	Decachlorobiphenyl	0.00087		MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070102	SOIL	FS	0	0	20-Oct-18	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.002		MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070102	SOIL	FS	0	0	20-Oct-18	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.013		MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070102	SOIL	FS	0	0	20-Oct-18	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.016		MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070102	SOIL	FS	0	0	20-Oct-18	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-007	898079.7393	624253.5605	SDPCB0070102	SOIL	FS	0	0	20-Oct-18	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0048		MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070102	SOIL	FS	0	0	20-Oct-18	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.0096		MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070102	SOIL	FS	0	0	20-Oct-18	8270-SIM	1336-36-3	PCB (total)	0.066		MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070102	SOIL	FS	0	0	20-Oct-18	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.015		MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070102	SOIL	FS	0	0	20-Oct-18	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0041		MG/KG	Y
SD-PCB-007	898079.7393	624253.5605	SDPCB0070102	SOIL	FS	0	0	20-Oct-18	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.00012	U	MG/KG	N
SD-PCB-008	898101.1116	624207.9231	SDPCB0080001	SOIL	FS	0	0	21-Oct-17	160.3	HLA0046	Percent Solids	59.7		PERCENT	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080001DP	SOIL	FD	0	0	21-Oct-17	160.3	HLA0046	Percent Solids	62.4		PERCENT	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080001DP	SOIL	FD	0	0	21-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.01		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080001	SOIL	FS	0	0	21-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0096		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080001	SOIL	FS	0	0	21-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.12		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080001DP	SOIL	FD	0	0	21-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.12		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080001DP	SOIL	FD	0	0	21-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.94		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080001	SOIL	FS	0	0	21-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.86		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080001DP	SOIL	FD	0	0	21-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	1.7		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080001	SOIL	FS	0	0	21-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	1.8		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080001DP	SOIL	FD	0	0	21-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.0067		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080001	SOIL	FS	0	0	21-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.0057		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080001	SOIL	FS	0	0	21-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.14		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080001DP	SOIL	FD	0	0	21-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.15		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080001DP	SOIL	FD	0	0	21-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.43		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080001	SOIL	FS	0	0	21-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.37		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080001DP	SOIL	FD	0	0	21-Oct-17	8270-SIM	1336-36-3	PCB (total)	8.1		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080001	SOIL	FS	0	0	21-Oct-17	8270-SIM	1336-36-3	PCB (total)	7.9		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080001	SOIL	FS	0	0	21-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	1.4		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080001DP	SOIL	FD	0	0	21-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	1.6		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080001DP	SOIL	FD	0	0	21-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	2		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080001	SOIL	FS	0	0	21-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	2.1		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080001	SOIL	FS	0	0	21-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	1.1		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080001DP	SOIL	FD	0	0	21-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	1.1		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080102	SOIL	FS	0	0	21-Oct-17	160.3	HLA0046	Percent Solids	58.1		PERCENT	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080102	SOIL	FS	0	0	21-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0045		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080102	SOIL	FS	0	0	21-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.0021		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080102	SOIL	FS	0	0	21-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.061		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080102	SOIL	FS	0	0	21-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.093		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080102	SOIL	FS	0	0	21-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.001	U	MG/KG	N
SD-PCB-008	898101.1116	624207.9231	SDPCB0080102	SOIL	FS	0	0	21-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.026		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080102	SOIL	FS	0	0	21-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.053		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080102	SOIL	FS	0	0	21-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.36		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080102	SOIL	FS	0	0	21-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.072		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080102	SOIL	FS	0	0	21-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.046		MG/KG	Y
SD-PCB-008	898101.1116	624207.9231	SDPCB0080102	SOIL	FS	0	0	21-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.0103	U	MG/KG	N
SD-PCB-101	897293.9521	623986.7014	SDPCB1010001	SOIL	FS	0	0	18-Oct-17	160.3	HLA0046	Percent Solids	58.6		PERCENT	Y
SD-PCB-101	897293.9521	623986.7014	SDPCB1010001	SOIL	FS	0	0	18-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.012		MG/KG	Y
SD-PCB-101	897293.9521	623986.7014	SDPCB1010001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.0011		MG/KG	Y
SD-PCB-101	897293.9521	623986.7014	SDPCB1010001	SOIL	FS	0	0	18-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.042		MG/KG	Y
SD-PCB-101	897293.9521	623986.7014	SDPCB1010001	SOIL	FS	0	0	18-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.024		MG/KG	Y
SD-PCB-101	897293.9521	623986.7014	SDPCB1010001	SOIL	FS	0	0	18-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-101	897293.9521	623986.7014	SDPCB1010001	SOIL	FS	0	0	18-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.02		MG/KG	Y
SD-PCB-101	897293.9521	623986.7014	SDPCB1010001	SOIL	FS	0	0	18-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.032		MG/KG	Y
SD-PCB-101	897293.9521	623986.7014	SDPCB1010001	SOIL	FS	0	0	18-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.37		MG/KG	Y
SD-PCB-101	897293.9521	623986.7014	SDPCB1010001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.06		MG/KG	Y
SD-PCB-101	897293.9521	623986.7014	SDPCB1010001	SOIL	FS	0	0	18-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.14		MG/KG	Y
SD-PCB-101	897293.9521	623986.7014	SDPCB1010001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.04		MG/KG	Y
SD-PCB-101	897293.9521	623986.7014	SDPCB1010102	SOIL	FS	0	0	18-Oct-17	160.3	HLA0046	Percent Solids	53.9		PERCENT	Y
SD-PCB-101	897293.9521	623986.7014	SDPCB1010102	SOIL	FS	0	0	18-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0018		MG/KG	Y
SD-PCB-101	897293.9521	623986.7014	SDPCB1010102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.0011		MG/KG	Y
SD-PCB-101	897293.9521	623986.7014	SDPCB1010102	SOIL	FS	0	0	18-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0048		MG/KG	Y

loc_name	X_coord	Y_coord	field_sample_id	media	qc_code	top_depth	bottom_depth	eld_sample_date	analysis_method	casno	param_name	ppm_result	final_qualifier	ppm_uom	report_hit_flag
SD-PCB-101	897293.9521	623986.7014	SDPCB1010102	SOIL	FS	0	0	18-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0017		MG/KG	Y
SD-PCB-101	897293.9521	623986.7014	SDPCB1010102	SOIL	FS	0	0	18-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-101	897293.9521	623986.7014	SDPCB1010102	SOIL	FS	0	0	18-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.011		MG/KG	Y
SD-PCB-101	897293.9521	623986.7014	SDPCB1010102	SOIL	FS	0	0	18-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.017		MG/KG	Y
SD-PCB-101	897293.9521	623986.7014	SDPCB1010102	SOIL	FS	0	0	18-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.038		MG/KG	Y
SD-PCB-101	897293.9521	623986.7014	SDPCB1010102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0014		MG/KG	Y
SD-PCB-101	897293.9521	623986.7014	SDPCB1010102	SOIL	FS	0	0	18-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.00021	U	MG/KG	N
SD-PCB-101	897293.9521	623986.7014	SDPCB1010102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.00012	U	MG/KG	N
SD-PCB-102	897349.3871	623966.4223	SDPCB1020001	SOIL	FS	0	0	18-Oct-17	160.3	HLA0046	Percent Solids	58		PERCENT	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020001	SOIL	FS	0	0	18-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0044		MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.0013		MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020001	SOIL	FS	0	0	18-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.057		MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020001	SOIL	FS	0	0	18-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.035		MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020001	SOIL	FS	0	0	18-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-102	897349.3871	623966.4223	SDPCB1020001	SOIL	FS	0	0	18-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.012		MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020001	SOIL	FS	0	0	18-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.029		MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020001	SOIL	FS	0	0	18-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.54		MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.098		MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020001	SOIL	FS	0	0	18-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.22		MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.083		MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020102	SOIL	FS	0	0	18-Oct-17	160.3	HLA0046	Percent Solids	57.5		PERCENT	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020102DP	SOIL	FD	0	0	18-Oct-17	160.3	HLA0046	Percent Solids	58.3		PERCENT	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020102DP	SOIL	FD	0	0	18-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0053		MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020102	SOIL	FS	0	0	18-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0044		MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.00034	J	MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020102DP	SOIL	FD	0	0	18-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.00019	J	MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020102DP	SOIL	FD	0	0	18-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0071		MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020102	SOIL	FS	0	0	18-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0053		MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020102	SOIL	FS	0	0	18-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0015		MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020102DP	SOIL	FD	0	0	18-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0022		MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020102DP	SOIL	FD	0	0	18-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-102	897349.3871	623966.4223	SDPCB1020102	SOIL	FS	0	0	18-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-102	897349.3871	623966.4223	SDPCB1020102	SOIL	FS	0	0	18-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0062		MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020102DP	SOIL	FD	0	0	18-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0071		MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020102DP	SOIL	FD	0	0	18-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.0089		MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020102	SOIL	FS	0	0	18-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.01		MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020102	SOIL	FS	0	0	18-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.033		MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020102DP	SOIL	FD	0	0	18-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.034		MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020102DP	SOIL	FD	0	0	18-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.002		MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0023		MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020102	SOIL	FS	0	0	18-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0026	J	MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020102DP	SOIL	FD	0	0	18-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0015	J	MG/KG	Y
SD-PCB-102	897349.3871	623966.4223	SDPCB1020102DP	SOIL	FD	0	0	18-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.00012	U	MG/KG	N
SD-PCB-102	897349.3871	623966.4223	SDPCB1020102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.00012	U	MG/KG	N
SD-PCB-103	897381.8673	623943.8118	SDPCB1030001	SOIL	FS	0	0	18-Oct-17	160.3	HLA0046	Percent Solids	50.9		PERCENT	Y
SD-PCB-103	897381.8673	623943.8118	SDPCB1030001	SOIL	FS	0	0	18-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0006		MG/KG	Y
SD-PCB-103	897381.8673	623943.8118	SDPCB1030001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.00012	U	MG/KG	N
SD-PCB-103	897381.8673	623943.8118	SDPCB1030001	SOIL	FS	0	0	18-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.027		MG/KG	Y
SD-PCB-103	897381.8673	623943.8118	SDPCB1030001	SOIL	FS	0	0	18-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.038		MG/KG	Y
SD-PCB-103	897381.8673	623943.8118	SDPCB1030001	SOIL	FS	0	0	18-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-103	897381.8673	623943.8118	SDPCB1030001	SOIL	FS	0	0	18-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0044		MG/KG	Y
SD-PCB-103	897381.8673	623943.8118	SDPCB1030001	SOIL	FS	0	0	18-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.01		MG/KG	Y
SD-PCB-103	897381.8673	623943.8118	SDPCB1030001	SOIL	FS	0	0	18-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.34		MG/KG	Y
SD-PCB-103	897381.8673	623943.8118	SDPCB1030001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.085		MG/KG	Y
SD-PCB-103	897381.8673	623943.8118	SDPCB1030001	SOIL	FS	0	0	18-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.13		MG/KG	Y
SD-PCB-103	897381.8673	623943.8118	SDPCB1030001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.042		MG/KG	Y
SD-PCB-103	897381.8673	623943.8118	SDPCB1030102	SOIL	FS	0	0	18-Oct-17	160.3	HLA0046	Percent Solids	61.7		PERCENT	Y
SD-PCB-103	897381.8673	623943.8118	SDPCB1030102	SOIL	FS	0	0	18-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.000025	U	MG/KG	N
SD-PCB-103	897381.8673	623943.8118	SDPCB1030102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.00012	U	MG/KG	N
SD-PCB-103	897381.8673	623943.8118	SDPCB1030102	SOIL	FS	0	0	18-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.012		MG/KG	Y
SD-PCB-103	897381.8673	623943.8118	SDPCB1030102	SOIL	FS	0	0	18-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.007		MG/KG	Y
SD-PCB-103	897381.8673	623943.8118	SDPCB1030102	SOIL	FS	0	0	18-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-103	897381.8673	623943.8118	SDPCB1030102	SOIL	FS	0	0	18-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0004		MG/KG	Y
SD-PCB-103	897381.8673	623943.8118	SDPCB1030102	SOIL	FS	0	0	18-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.0026		MG/KG	Y

loc_name	X_coord	Y_coord	field_sample_id	media	qc_code	top_depth	bottom_depth	eld_sample_date	analysis_method	casno	param_name	ppm_result	final_qualifier	ppm_uom	report_hit_flag
SD-PCB-103	897381.8673	623943.8118	SDPCB1030102	SOIL	FS	0	0	18-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.093		MG/KG	Y
SD-PCB-103	897381.8673	623943.8118	SDPCB1030102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.019		MG/KG	Y
SD-PCB-103	897381.8673	623943.8118	SDPCB1030102	SOIL	FS	0	0	18-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.039		MG/KG	Y
SD-PCB-103	897381.8673	623943.8118	SDPCB1030102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.013		MG/KG	Y
SD-PCB-104	897267.5985	623940.6612	SDPCB1040001	SOIL	FS	0	0	18-Oct-17	160.3	HLA0046	Percent Solids	68.7		PERCENT	Y
SD-PCB-104	897267.5985	623940.6612	SDPCB1040001	SOIL	FS	0	0	18-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0015		MG/KG	Y
SD-PCB-104	897267.5985	623940.6612	SDPCB1040001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.0018		MG/KG	Y
SD-PCB-104	897267.5985	623940.6612	SDPCB1040001	SOIL	FS	0	0	18-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.027		MG/KG	Y
SD-PCB-104	897267.5985	623940.6612	SDPCB1040001	SOIL	FS	0	0	18-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.027		MG/KG	Y
SD-PCB-104	897267.5985	623940.6612	SDPCB1040001	SOIL	FS	0	0	18-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-104	897267.5985	623940.6612	SDPCB1040001	SOIL	FS	0	0	18-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0059		MG/KG	Y
SD-PCB-104	897267.5985	623940.6612	SDPCB1040001	SOIL	FS	0	0	18-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.015		MG/KG	Y
SD-PCB-104	897267.5985	623940.6612	SDPCB1040001	SOIL	FS	0	0	18-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.44		MG/KG	Y
SD-PCB-104	897267.5985	623940.6612	SDPCB1040001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.081		MG/KG	Y
SD-PCB-104	897267.5985	623940.6612	SDPCB1040001	SOIL	FS	0	0	18-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.22		MG/KG	Y
SD-PCB-104	897267.5985	623940.6612	SDPCB1040001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.068		MG/KG	Y
SD-PCB-104	897267.5985	623940.6612	SDPCB1040102	SOIL	FS	0	0	18-Oct-17	160.3	HLA0046	Percent Solids	54.3		PERCENT	Y
SD-PCB-104	897267.5985	623940.6612	SDPCB1040102	SOIL	FS	0	0	18-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0014		MG/KG	Y
SD-PCB-104	897267.5985	623940.6612	SDPCB1040102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.00012	U	MG/KG	N
SD-PCB-104	897267.5985	623940.6612	SDPCB1040102	SOIL	FS	0	0	18-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0059		MG/KG	Y
SD-PCB-104	897267.5985	623940.6612	SDPCB1040102	SOIL	FS	0	0	18-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0029		MG/KG	Y
SD-PCB-104	897267.5985	623940.6612	SDPCB1040102	SOIL	FS	0	0	18-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-104	897267.5985	623940.6612	SDPCB1040102	SOIL	FS	0	0	18-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0039		MG/KG	Y
SD-PCB-104	897267.5985	623940.6612	SDPCB1040102	SOIL	FS	0	0	18-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.0058		MG/KG	Y
SD-PCB-104	897267.5985	623940.6612	SDPCB1040102	SOIL	FS	0	0	18-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.023		MG/KG	Y
SD-PCB-104	897267.5985	623940.6612	SDPCB1040102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0017		MG/KG	Y
SD-PCB-104	897267.5985	623940.6612	SDPCB1040102	SOIL	FS	0	0	18-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0013		MG/KG	Y
SD-PCB-104	897267.5985	623940.6612	SDPCB1040102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.00012	U	MG/KG	N
SD-PCB-105	897316.6132	623921.0182	SDPCB1050001	SOIL	FS	0	0	18-Oct-17	160.3	HLA0046	Percent Solids	61.5		PERCENT	Y
SD-PCB-105	897316.6132	623921.0182	SDPCB1050001	SOIL	FS	0	0	18-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0079		MG/KG	Y
SD-PCB-105	897316.6132	623921.0182	SDPCB1050001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.0008		MG/KG	Y
SD-PCB-105	897316.6132	623921.0182	SDPCB1050001	SOIL	FS	0	0	18-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.058		MG/KG	Y
SD-PCB-105	897316.6132	623921.0182	SDPCB1050001	SOIL	FS	0	0	18-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.042		MG/KG	Y
SD-PCB-105	897316.6132	623921.0182	SDPCB1050001	SOIL	FS	0	0	18-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-105	897316.6132	623921.0182	SDPCB1050001	SOIL	FS	0	0	18-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.021		MG/KG	Y
SD-PCB-105	897316.6132	623921.0182	SDPCB1050001	SOIL	FS	0	0	18-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.047		MG/KG	Y
SD-PCB-105	897316.6132	623921.0182	SDPCB1050001	SOIL	FS	0	0	18-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.51		MG/KG	Y
SD-PCB-105	897316.6132	623921.0182	SDPCB1050001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.079		MG/KG	Y
SD-PCB-105	897316.6132	623921.0182	SDPCB1050001	SOIL	FS	0	0	18-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.19		MG/KG	Y
SD-PCB-105	897316.6132	623921.0182	SDPCB1050001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.065		MG/KG	Y
SD-PCB-105	897316.6132	623921.0182	SDPCB1050102	SOIL	FS	0	0	18-Oct-17	160.3	HLA0046	Percent Solids	56.2		PERCENT	Y
SD-PCB-105	897316.6132	623921.0182	SDPCB1050102	SOIL	FS	0	0	18-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.000025	U	MG/KG	N
SD-PCB-105	897316.6132	623921.0182	SDPCB1050102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.00012	U	MG/KG	N
SD-PCB-105	897316.6132	623921.0182	SDPCB1050102	SOIL	FS	0	0	18-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.00069		MG/KG	Y
SD-PCB-105	897316.6132	623921.0182	SDPCB1050102	SOIL	FS	0	0	18-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.00021	U	MG/KG	N
SD-PCB-105	897316.6132	623921.0182	SDPCB1050102	SOIL	FS	0	0	18-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-105	897316.6132	623921.0182	SDPCB1050102	SOIL	FS	0	0	18-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-105	897316.6132	623921.0182	SDPCB1050102	SOIL	FS	0	0	18-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.00012	U	MG/KG	N
SD-PCB-105	897316.6132	623921.0182	SDPCB1050102	SOIL	FS	0	0	18-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.0034		MG/KG	Y
SD-PCB-105	897316.6132	623921.0182	SDPCB1050102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.00046		MG/KG	Y
SD-PCB-105	897316.6132	623921.0182	SDPCB1050102	SOIL	FS	0	0	18-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0018		MG/KG	Y
SD-PCB-105	897316.6132	623921.0182	SDPCB1050102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.00046		MG/KG	Y
SD-PCB-106	897361.0045	623894.1075	SDPCB1060001	SOIL	FS	0	0	18-Oct-17	160.3	HLA0046	Percent Solids	49.2		PERCENT	Y
SD-PCB-106	897361.0045	623894.1075	SDPCB1060001	SOIL	FS	0	0	18-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.00076		MG/KG	Y
SD-PCB-106	897361.0045	623894.1075	SDPCB1060001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.00012	U	MG/KG	N
SD-PCB-106	897361.0045	623894.1075	SDPCB1060001	SOIL	FS	0	0	18-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.024		MG/KG	Y
SD-PCB-106	897361.0045	623894.1075	SDPCB1060001	SOIL	FS	0	0	18-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.041	J	MG/KG	Y
SD-PCB-106	897361.0045	623894.1075	SDPCB1060001	SOIL	FS	0	0	18-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	UJ	MG/KG	N
SD-PCB-106	897361.0045	623894.1075	SDPCB1060001	SOIL	FS	0	0	18-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0051		MG/KG	Y
SD-PCB-106	897361.0045	623894.1075	SDPCB1060001	SOIL	FS	0	0	18-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.015		MG/KG	Y
SD-PCB-106	897361.0045	623894.1075	SDPCB1060001	SOIL	FS	0	0	18-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.4	J	MG/KG	Y
SD-PCB-106	897361.0045	623894.1075	SDPCB1060001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.09		MG/KG	Y
SD-PCB-106	897361.0045	623894.1075	SDPCB1060001	SOIL	FS	0	0	18-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.16	J	MG/KG	Y
SD-PCB-106	897361.0045	623894.1075	SDPCB1060001	SOIL	FS	0	0	18-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.066		MG/KG	Y

loc_name	X_coord	Y_coord	field_sample_id	media	qc_code	top_depth	bottom_depth	eld_sample_date	analysis_method	casno	param_name	ppm_result	final_qualifier	ppm_uom	report_hit_flag
SD-PCB-106	897361.0045	623894.1075	SDPCB1060102	SOIL	FS	0	0	18-Oct-17	160.3	HLA0046	Percent Solids	54.4		PERCENT	Y
SD-PCB-106	897361.0045	623894.1075	SDPCB1060102	SOIL	FS	0	0	18-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.00025	U	MG/KG	N
SD-PCB-106	897361.0045	623894.1075	SDPCB1060102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.00035		MG/KG	Y
SD-PCB-106	897361.0045	623894.1075	SDPCB1060102	SOIL	FS	0	0	18-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0072		MG/KG	Y
SD-PCB-106	897361.0045	623894.1075	SDPCB1060102	SOIL	FS	0	0	18-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.01		MG/KG	Y
SD-PCB-106	897361.0045	623894.1075	SDPCB1060102	SOIL	FS	0	0	18-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-106	897361.0045	623894.1075	SDPCB1060102	SOIL	FS	0	0	18-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-106	897361.0045	623894.1075	SDPCB1060102	SOIL	FS	0	0	18-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.0026		MG/KG	Y
SD-PCB-106	897361.0045	623894.1075	SDPCB1060102	SOIL	FS	0	0	18-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.12		MG/KG	Y
SD-PCB-106	897361.0045	623894.1075	SDPCB1060102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.022		MG/KG	Y
SD-PCB-106	897361.0045	623894.1075	SDPCB1060102	SOIL	FS	0	0	18-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.057		MG/KG	Y
SD-PCB-106	897361.0045	623894.1075	SDPCB1060102	SOIL	FS	0	0	18-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.019		MG/KG	Y
SD-PCB-107	897248.1432	623898.2384	SDPCB1070001	SOIL	FS	0	0	19-Oct-17	160.3	HLA0046	Percent Solids	58.7		PERCENT	Y
SD-PCB-107	897248.1432	623898.2384	SDPCB1070001	SOIL	FS	0	0	19-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0021		MG/KG	Y
SD-PCB-107	897248.1432	623898.2384	SDPCB1070001	SOIL	FS	0	0	19-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.0017		MG/KG	Y
SD-PCB-107	897248.1432	623898.2384	SDPCB1070001	SOIL	FS	0	0	19-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.041		MG/KG	Y
SD-PCB-107	897248.1432	623898.2384	SDPCB1070001	SOIL	FS	0	0	19-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.034		MG/KG	Y
SD-PCB-107	897248.1432	623898.2384	SDPCB1070001	SOIL	FS	0	0	19-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-107	897248.1432	623898.2384	SDPCB1070001	SOIL	FS	0	0	19-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0043		MG/KG	Y
SD-PCB-107	897248.1432	623898.2384	SDPCB1070001	SOIL	FS	0	0	19-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.027		MG/KG	Y
SD-PCB-107	897248.1432	623898.2384	SDPCB1070001	SOIL	FS	0	0	19-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.43		MG/KG	Y
SD-PCB-107	897248.1432	623898.2384	SDPCB1070001	SOIL	FS	0	0	19-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.079		MG/KG	Y
SD-PCB-107	897248.1432	623898.2384	SDPCB1070001	SOIL	FS	0	0	19-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.16		MG/KG	Y
SD-PCB-107	897248.1432	623898.2384	SDPCB1070001	SOIL	FS	0	0	19-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.078		MG/KG	Y
SD-PCB-107	897248.1432	623898.2384	SDPCB1070102	SOIL	FS	0	0	19-Oct-17	160.3	HLA0046	Percent Solids	54.8		PERCENT	Y
SD-PCB-107	897248.1432	623898.2384	SDPCB1070102	SOIL	FS	0	0	19-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.00093		MG/KG	Y
SD-PCB-107	897248.1432	623898.2384	SDPCB1070102	SOIL	FS	0	0	19-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.0024		MG/KG	Y
SD-PCB-107	897248.1432	623898.2384	SDPCB1070102	SOIL	FS	0	0	19-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.018		MG/KG	Y
SD-PCB-107	897248.1432	623898.2384	SDPCB1070102	SOIL	FS	0	0	19-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.023		MG/KG	Y
SD-PCB-107	897248.1432	623898.2384	SDPCB1070102	SOIL	FS	0	0	19-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-107	897248.1432	623898.2384	SDPCB1070102	SOIL	FS	0	0	19-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0043		MG/KG	Y
SD-PCB-107	897248.1432	623898.2384	SDPCB1070102	SOIL	FS	0	0	19-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.011		MG/KG	Y
SD-PCB-107	897248.1432	623898.2384	SDPCB1070102	SOIL	FS	0	0	19-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.3		MG/KG	Y
SD-PCB-107	897248.1432	623898.2384	SDPCB1070102	SOIL	FS	0	0	19-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.05		MG/KG	Y
SD-PCB-107	897248.1432	623898.2384	SDPCB1070102	SOIL	FS	0	0	19-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.13		MG/KG	Y
SD-PCB-107	897248.1432	623898.2384	SDPCB1070102	SOIL	FS	0	0	19-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.061		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080001	SOIL	FS	0	0	20-Oct-17	160.3	HLA0046	Percent Solids	58		PERCENT	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080001DP	SOIL	FD	0	0	20-Oct-17	160.3	HLA0046	Percent Solids	57.8		PERCENT	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080001DP	SOIL	FD	0	0	20-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0018		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080001	SOIL	FS	0	0	20-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0015		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080001	SOIL	FS	0	0	20-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.00059	J	MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080001DP	SOIL	FD	0	0	20-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.00029	J	MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080001	SOIL	FS	0	0	20-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.033		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080001DP	SOIL	FD	0	0	20-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.024		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080001	SOIL	FS	0	0	20-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.041		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080001DP	SOIL	FD	0	0	20-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.039		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080001DP	SOIL	FD	0	0	20-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-108	897299.4068	623868.2594	SDPCB1080001	SOIL	FS	0	0	20-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-108	897299.4068	623868.2594	SDPCB1080001	SOIL	FS	0	0	20-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0047		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080001DP	SOIL	FD	0	0	20-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0058		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080001DP	SOIL	FD	0	0	20-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.011		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080001	SOIL	FS	0	0	20-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.011		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080001DP	SOIL	FD	0	0	20-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.21		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080001	SOIL	FS	0	0	20-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.24		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080001DP	SOIL	FD	0	0	20-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.045		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080001	SOIL	FS	0	0	20-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.043		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080001	SOIL	FS	0	0	20-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.072		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080001DP	SOIL	FD	0	0	20-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.061		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080001DP	SOIL	FD	0	0	20-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.022		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080001	SOIL	FS	0	0	20-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.029		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080102	SOIL	FS	0	0	20-Oct-17	160.3	HLA0046	Percent Solids	51		PERCENT	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080102	SOIL	FS	0	0	20-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.00082		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080102	SOIL	FS	0	0	20-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.00014		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080102	SOIL	FS	0	0	20-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.00018	U	MG/KG	N

loc_name	X_coord	Y_coord	field_sample_id	media	qc_code	top_depth	bottom_depth	eld_sample_date	analysis_method	casno	param_name	ppm_result	final_qualifier	ppm_uom	report_hit_flag
SD-PCB-108	897299.4068	623868.2594	SDPCB1080102	SOIL	FS	0	0	20-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.00048		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080102	SOIL	FS	0	0	20-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000067		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080102	SOIL	FS	0	0	20-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.00058		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080102	SOIL	FS	0	0	20-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.00064		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080102	SOIL	FS	0	0	20-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.0041		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080102	SOIL	FS	0	0	20-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.00041		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080102	SOIL	FS	0	0	20-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.00054		MG/KG	Y
SD-PCB-108	897299.4068	623868.2594	SDPCB1080102	SOIL	FS	0	0	20-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.00038		MG/KG	Y
SD-PCB-109	897339.7237	623853.5108	SDPCB1090001	SOIL	FS	0	0	20-Oct-17	160.3	HLA0046	Percent Solids	54.8		PERCENT	Y
SD-PCB-109	897339.7237	623853.5108	SDPCB1090001	SOIL	FS	0	0	20-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0015		MG/KG	Y
SD-PCB-109	897339.7237	623853.5108	SDPCB1090001	SOIL	FS	0	0	20-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.00037		MG/KG	Y
SD-PCB-109	897339.7237	623853.5108	SDPCB1090001	SOIL	FS	0	0	20-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.015		MG/KG	Y
SD-PCB-109	897339.7237	623853.5108	SDPCB1090001	SOIL	FS	0	0	20-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.017		MG/KG	Y
SD-PCB-109	897339.7237	623853.5108	SDPCB1090001	SOIL	FS	0	0	20-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-109	897339.7237	623853.5108	SDPCB1090001	SOIL	FS	0	0	20-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0051		MG/KG	Y
SD-PCB-109	897339.7237	623853.5108	SDPCB1090001	SOIL	FS	0	0	20-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.01		MG/KG	Y
SD-PCB-109	897339.7237	623853.5108	SDPCB1090001	SOIL	FS	0	0	20-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.21		MG/KG	Y
SD-PCB-109	897339.7237	623853.5108	SDPCB1090001	SOIL	FS	0	0	20-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.039		MG/KG	Y
SD-PCB-109	897339.7237	623853.5108	SDPCB1090001	SOIL	FS	0	0	20-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.089		MG/KG	Y
SD-PCB-109	897339.7237	623853.5108	SDPCB1090001	SOIL	FS	0	0	20-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.031		MG/KG	Y
SD-PCB-109	897339.7237	623853.5108	SDPCB1090102	SOIL	FS	0	0	20-Oct-17	160.3	HLA0046	Percent Solids	53.1		PERCENT	Y
SD-PCB-109	897339.7237	623853.5108	SDPCB1090102	SOIL	FS	0	0	20-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.000025	U	MG/KG	N
SD-PCB-109	897339.7237	623853.5108	SDPCB1090102	SOIL	FS	0	0	20-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.00012	U	MG/KG	N
SD-PCB-109	897339.7237	623853.5108	SDPCB1090102	SOIL	FS	0	0	20-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.00018	U	MG/KG	N
SD-PCB-109	897339.7237	623853.5108	SDPCB1090102	SOIL	FS	0	0	20-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.00021	U	MG/KG	N
SD-PCB-109	897339.7237	623853.5108	SDPCB1090102	SOIL	FS	0	0	20-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-109	897339.7237	623853.5108	SDPCB1090102	SOIL	FS	0	0	20-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-109	897339.7237	623853.5108	SDPCB1090102	SOIL	FS	0	0	20-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.00012	U	MG/KG	N
SD-PCB-109	897339.7237	623853.5108	SDPCB1090102	SOIL	FS	0	0	20-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.0015	U	MG/KG	N
SD-PCB-109	897339.7237	623853.5108	SDPCB1090102	SOIL	FS	0	0	20-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.00023	U	MG/KG	N
SD-PCB-109	897339.7237	623853.5108	SDPCB1090102	SOIL	FS	0	0	20-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.00021	U	MG/KG	N
SD-PCB-109	897339.7237	623853.5108	SDPCB1090102	SOIL	FS	0	0	20-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.00012	U	MG/KG	N
SD-PCB-201	897092.3935	623852.7575	SDPCB2010001	SOIL	FS	0	0	20-Oct-17	160.3	HLA0046	Percent Solids	70.4		PERCENT	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010001	SOIL	FS	0	0	20-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.00068		MG/KG	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010001	SOIL	FS	0	0	20-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.0041		MG/KG	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010001	SOIL	FS	0	0	20-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.032		MG/KG	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010001	SOIL	FS	0	0	20-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.048		MG/KG	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010001	SOIL	FS	0	0	20-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.00004	U	MG/KG	N
SD-PCB-201	897092.3935	623852.7575	SDPCB2010001	SOIL	FS	0	0	20-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0064		MG/KG	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010001	SOIL	FS	0	0	20-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.017		MG/KG	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010001	SOIL	FS	0	0	20-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.63		MG/KG	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010001	SOIL	FS	0	0	20-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.1		MG/KG	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010001	SOIL	FS	0	0	20-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.29		MG/KG	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010001	SOIL	FS	0	0	20-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.13		MG/KG	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010102	SOIL	FS	0	0	20-Oct-17	160.3	HLA0046	Percent Solids	57.5		PERCENT	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010102	SOIL	FS	0	0	20-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0036		MG/KG	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010102	SOIL	FS	0	0	20-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.0021		MG/KG	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010102	SOIL	FS	0	0	20-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.006		MG/KG	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010102	SOIL	FS	0	0	20-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0059		MG/KG	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010102	SOIL	FS	0	0	20-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-201	897092.3935	623852.7575	SDPCB2010102	SOIL	FS	0	0	20-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0052		MG/KG	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010102	SOIL	FS	0	0	20-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.0064		MG/KG	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010102	SOIL	FS	0	0	20-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.037		MG/KG	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010102	SOIL	FS	0	0	20-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0052		MG/KG	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010102	SOIL	FS	0	0	20-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0029		MG/KG	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010102	SOIL	FS	0	0	20-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.00012	U	MG/KG	N
SD-PCB-201	897092.3935	623852.7575	SDPCB2010405	SOIL	FS	0	0	20-Oct-17	160.3	HLA0046	Percent Solids	59.6		PERCENT	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010405	SOIL	FS	0	0	20-Oct-17	245.7	7439-97-6	Mercury	0.016		MG/KG	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010405	SOIL	FS	0	0	20-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.000046		MG/KG	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010405	SOIL	FS	0	0	20-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.00012	U	MG/KG	N
SD-PCB-201	897092.3935	623852.7575	SDPCB2010405	SOIL	FS	0	0	20-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.000096		MG/KG	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010405	SOIL	FS	0	0	20-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.00036		MG/KG	Y
SD-PCB-201	897092.3935	623852.7575	SDPCB2010405	SOIL	FS	0	0	20-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-201	897092.3935	623852.7575	SDPCB2010405	SOIL	FS	0	0	20-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.000045	U	MG/KG	N

loc_name	X_coord	Y_coord	field_sample_id	media	qc_code	top_depth	bottom_depth	eld_sample_date	analysis_method	casno	param_name	ppm_result	final_qualifier	ppm_uom	report_hit_flag
SD-PCB-202	897138.6158	623824.017	SDPCB2020102	SOIL	FS	0	0	21-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.044		MG/KG	Y
SD-PCB-202	897138.6158	623824.017	SDPCB2020102	SOIL	FS	0	0	21-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0071		MG/KG	Y
SD-PCB-202	897138.6158	623824.017	SDPCB2020102	SOIL	FS	0	0	21-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.0071		MG/KG	Y
SD-PCB-202	897138.6158	623824.017	SDPCB2020102	SOIL	FS	0	0	21-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.0026		MG/KG	Y
SD-PCB-203	897183.9582	623804.3859	SDPCB2030001	SOIL	FS	0	0	21-Oct-17	160.3	HLA0046	Percent Solids	56.4		PERCENT	Y
SD-PCB-203	897183.9582	623804.3859	SDPCB2030001	SOIL	FS	0	0	21-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0008	U	MG/KG	N
SD-PCB-203	897183.9582	623804.3859	SDPCB2030001	SOIL	FS	0	0	21-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.025		MG/KG	Y
SD-PCB-203	897183.9582	623804.3859	SDPCB2030001	SOIL	FS	0	0	21-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.018		MG/KG	Y
SD-PCB-203	897183.9582	623804.3859	SDPCB2030001	SOIL	FS	0	0	21-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.035		MG/KG	Y
SD-PCB-203	897183.9582	623804.3859	SDPCB2030001	SOIL	FS	0	0	21-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.003	U	MG/KG	N
SD-PCB-203	897183.9582	623804.3859	SDPCB2030001	SOIL	FS	0	0	21-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.003	U	MG/KG	N
SD-PCB-203	897183.9582	623804.3859	SDPCB2030001	SOIL	FS	0	0	21-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.0024		MG/KG	Y
SD-PCB-203	897183.9582	623804.3859	SDPCB2030001	SOIL	FS	0	0	21-Oct-17	8270-SIM	1336-36-3	PCB (total)	1.1		MG/KG	Y
SD-PCB-203	897183.9582	623804.3859	SDPCB2030001	SOIL	FS	0	0	21-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.17		MG/KG	Y
SD-PCB-203	897183.9582	623804.3859	SDPCB2030001	SOIL	FS	0	0	21-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.55		MG/KG	Y
SD-PCB-203	897183.9582	623804.3859	SDPCB2030001	SOIL	FS	0	0	21-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.35		MG/KG	Y
SD-PCB-203	897183.9582	623804.3859	SDPCB2030102	SOIL	FS	0	0	21-Oct-17	160.3	HLA0046	Percent Solids	49.9		PERCENT	Y
SD-PCB-203	897183.9582	623804.3859	SDPCB2030102	SOIL	FS	0	0	21-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0034		MG/KG	Y
SD-PCB-203	897183.9582	623804.3859	SDPCB2030102	SOIL	FS	0	0	21-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.0012		MG/KG	Y
SD-PCB-203	897183.9582	623804.3859	SDPCB2030102	SOIL	FS	0	0	21-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.0047		MG/KG	Y
SD-PCB-203	897183.9582	623804.3859	SDPCB2030102	SOIL	FS	0	0	21-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.0045		MG/KG	Y
SD-PCB-203	897183.9582	623804.3859	SDPCB2030102	SOIL	FS	0	0	21-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-203	897183.9582	623804.3859	SDPCB2030102	SOIL	FS	0	0	21-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0046		MG/KG	Y
SD-PCB-203	897183.9582	623804.3859	SDPCB2030102	SOIL	FS	0	0	21-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.0063		MG/KG	Y
SD-PCB-203	897183.9582	623804.3859	SDPCB2030102	SOIL	FS	0	0	21-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.054		MG/KG	Y
SD-PCB-203	897183.9582	623804.3859	SDPCB2030102	SOIL	FS	0	0	21-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.0061		MG/KG	Y
SD-PCB-203	897183.9582	623804.3859	SDPCB2030102	SOIL	FS	0	0	21-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.016		MG/KG	Y
SD-PCB-203	897183.9582	623804.3859	SDPCB2030102	SOIL	FS	0	0	21-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.007		MG/KG	Y
SD-PCB-204	897086.2517	623811.4908	SDPCB2040001	SOIL	FS	0	0	21-Oct-17	160.3	HLA0046	Percent Solids	72.5		PERCENT	Y
SD-PCB-204	897086.2517	623811.4908	SDPCB2040001	SOIL	FS	0	0	21-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.004		MG/KG	Y
SD-PCB-204	897086.2517	623811.4908	SDPCB2040001	SOIL	FS	0	0	21-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.26		MG/KG	Y
SD-PCB-204	897086.2517	623811.4908	SDPCB2040001	SOIL	FS	0	0	21-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.76		MG/KG	Y
SD-PCB-204	897086.2517	623811.4908	SDPCB2040001	SOIL	FS	0	0	21-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	1.3		MG/KG	Y
SD-PCB-204	897086.2517	623811.4908	SDPCB2040001	SOIL	FS	0	0	21-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.0067		MG/KG	Y
SD-PCB-204	897086.2517	623811.4908	SDPCB2040001	SOIL	FS	0	0	21-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.11		MG/KG	Y
SD-PCB-204	897086.2517	623811.4908	SDPCB2040001	SOIL	FS	0	0	21-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.36		MG/KG	Y
SD-PCB-204	897086.2517	623811.4908	SDPCB2040001	SOIL	FS	0	0	21-Oct-17	8270-SIM	1336-36-3	PCB (total)	36		MG/KG	Y
SD-PCB-204	897086.2517	623811.4908	SDPCB2040001	SOIL	FS	0	0	21-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	5.7		MG/KG	Y
SD-PCB-204	897086.2517	623811.4908	SDPCB2040001	SOIL	FS	0	0	21-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	18		MG/KG	Y
SD-PCB-204	897086.2517	623811.4908	SDPCB2040001	SOIL	FS	0	0	21-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	8.9		MG/KG	Y
SD-PCB-204	897086.2517	623811.4908	SDPCB2040102	SOIL	FS	0	0	21-Oct-17	160.3	HLA0046	Percent Solids	63		PERCENT	Y
SD-PCB-204	897086.2517	623811.4908	SDPCB2040102	SOIL	FS	0	0	21-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.000025	U	MG/KG	N
SD-PCB-204	897086.2517	623811.4908	SDPCB2040102	SOIL	FS	0	0	21-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.0017		MG/KG	Y
SD-PCB-204	897086.2517	623811.4908	SDPCB2040102	SOIL	FS	0	0	21-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.01		MG/KG	Y
SD-PCB-204	897086.2517	623811.4908	SDPCB2040102	SOIL	FS	0	0	21-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.011		MG/KG	Y
SD-PCB-204	897086.2517	623811.4908	SDPCB2040102	SOIL	FS	0	0	21-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-204	897086.2517	623811.4908	SDPCB2040102	SOIL	FS	0	0	21-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0073		MG/KG	Y
SD-PCB-204	897086.2517	623811.4908	SDPCB2040102	SOIL	FS	0	0	21-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.01		MG/KG	Y
SD-PCB-204	897086.2517	623811.4908	SDPCB2040102	SOIL	FS	0	0	21-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.17		MG/KG	Y
SD-PCB-204	897086.2517	623811.4908	SDPCB2040102	SOIL	FS	0	0	21-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.025		MG/KG	Y
SD-PCB-204	897086.2517	623811.4908	SDPCB2040102	SOIL	FS	0	0	21-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.068		MG/KG	Y
SD-PCB-204	897086.2517	623811.4908	SDPCB2040102	SOIL	FS	0	0	21-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.033		MG/KG	Y
SD-PCB-205	897117.3317	623783.4203	SDPCB2050001	SOIL	FS	0	0	19-Oct-17	160.3	HLA0046	Percent Solids	65.2		PERCENT	Y
SD-PCB-205	897117.3317	623783.4203	SDPCB2050001	SOIL	FS	0	0	19-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.0019		MG/KG	Y
SD-PCB-205	897117.3317	623783.4203	SDPCB2050001	SOIL	FS	0	0	19-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.4		MG/KG	Y
SD-PCB-205	897117.3317	623783.4203	SDPCB2050001	SOIL	FS	0	0	19-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.4		MG/KG	Y
SD-PCB-205	897117.3317	623783.4203	SDPCB2050001	SOIL	FS	0	0	19-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.75		MG/KG	Y
SD-PCB-205	897117.3317	623783.4203	SDPCB2050001	SOIL	FS	0	0	19-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.002	UJ	MG/KG	N
SD-PCB-205	897117.3317	623783.4203	SDPCB2050001	SOIL	FS	0	0	19-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.034		MG/KG	Y
SD-PCB-205	897117.3317	623783.4203	SDPCB2050001	SOIL	FS	0	0	19-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.15		MG/KG	Y
SD-PCB-205	897117.3317	623783.4203	SDPCB2050001	SOIL	FS	0	0	19-Oct-17	8270-SIM	1336-36-3	PCB (total)	11	J	MG/KG	Y
SD-PCB-205	897117.3317	623783.4203	SDPCB2050001	SOIL	FS	0	0	19-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	2.4		MG/KG	Y
SD-PCB-205	897117.3317	623783.4203	SDPCB2050001	SOIL	FS	0	0	19-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	4.5		MG/KG	Y
SD-PCB-205	897117.3317	623783.4203	SDPCB2050001	SOIL	FS	0	0	19-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	2.6		MG/KG	Y

loc_name	X_coord	Y_coord	field_sample_id	media	qc_code	top_depth	bottom_depth	eld_sample_date	analysis_method	casno	param_name	ppm_result	final_qualifier	ppm_uom	report_hit_flag
SD-PCB-402	896669.5607	624118.1464	SDPCB4020405	SOIL	FS	0	0	19-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-402	896669.5607	624118.1464	SDPCB4020405	SOIL	FS	0	0	19-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.00038		MG/KG	Y
SD-PCB-402	896669.5607	624118.1464	SDPCB4020405	SOIL	FS	0	0	19-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.00022		MG/KG	Y
SD-PCB-402	896669.5607	624118.1464	SDPCB4020405	SOIL	FS	0	0	19-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.00043		MG/KG	Y
SD-PCB-402	896669.5607	624118.1464	SDPCB4020405	SOIL	FS	0	0	19-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.00091		MG/KG	Y
SD-PCB-402	896669.5607	624118.1464	SDPCB4020405	SOIL	FS	0	0	19-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.00003		MG/KG	Y
SD-PCB-402	896669.5607	624118.1464	SDPCB4020506	SOIL	FS	0	0	19-Oct-17	160.3	HLA0046	Percent Solids	55.5		PERCENT	Y
SD-PCB-402	896669.5607	624118.1464	SDPCB4020506	SOIL	FS	0	0	19-Oct-17	245.7	7439-97-6	Mercury	0.02		MG/KG	Y
SD-PCB-402	896669.5607	624118.1464	SDPCB4020506	SOIL	FS	0	0	19-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.00005	U	MG/KG	N
SD-PCB-402	896669.5607	624118.1464	SDPCB4020506	SOIL	FS	0	0	19-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.00005	U	MG/KG	N
SD-PCB-402	896669.5607	624118.1464	SDPCB4020506	SOIL	FS	0	0	19-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.001	U	MG/KG	N
SD-PCB-402	896669.5607	624118.1464	SDPCB4020506	SOIL	FS	0	0	19-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.002	U	MG/KG	N
SD-PCB-402	896669.5607	624118.1464	SDPCB4020506	SOIL	FS	0	0	19-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.0001	U	MG/KG	N
SD-PCB-402	896669.5607	624118.1464	SDPCB4020506	SOIL	FS	0	0	19-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.0001	U	MG/KG	N
SD-PCB-402	896669.5607	624118.1464	SDPCB4020506	SOIL	FS	0	0	19-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.0005	U	MG/KG	N
SD-PCB-402	896669.5607	624118.1464	SDPCB4020506	SOIL	FS	0	0	19-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.0005	U	MG/KG	N
SD-PCB-402	896669.5607	624118.1464	SDPCB4020506	SOIL	FS	0	0	19-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.002	U	MG/KG	N
SD-PCB-402	896669.5607	624118.1464	SDPCB4020506	SOIL	FS	0	0	19-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.00004	U	MG/KG	N
SD-PCB-402	896669.5607	624118.1464	SDPCB4020506	SOIL	FS	0	0	19-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.001	U	MG/KG	N
SD-PCB-402	896669.5607	624118.1464	SDPCB4020607	SOIL	FS	0	0	19-Oct-17	160.3	HLA0046	Percent Solids	52.3		PERCENT	Y
SD-PCB-402	896669.5607	624118.1464	SDPCB4020607	SOIL	FS	0	0	19-Oct-17	245.7	7439-97-6	Mercury	0.021		MG/KG	Y
SD-PCB-402	896669.5607	624118.1464	SDPCB4020607	SOIL	FS	0	0	19-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.00025	U	MG/KG	N
SD-PCB-402	896669.5607	624118.1464	SDPCB4020607	SOIL	FS	0	0	19-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.00012	U	MG/KG	N
SD-PCB-402	896669.5607	624118.1464	SDPCB4020607	SOIL	FS	0	0	19-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.00018	U	MG/KG	N
SD-PCB-402	896669.5607	624118.1464	SDPCB4020607	SOIL	FS	0	0	19-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.00021	U	MG/KG	N
SD-PCB-402	896669.5607	624118.1464	SDPCB4020607	SOIL	FS	0	0	19-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-402	896669.5607	624118.1464	SDPCB4020607	SOIL	FS	0	0	19-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-402	896669.5607	624118.1464	SDPCB4020607	SOIL	FS	0	0	19-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.00012	U	MG/KG	N
SD-PCB-402	896669.5607	624118.1464	SDPCB4020607	SOIL	FS	0	0	19-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.00069		MG/KG	Y
SD-PCB-402	896669.5607	624118.1464	SDPCB4020607	SOIL	FS	0	0	19-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.000089		MG/KG	Y
SD-PCB-402	896669.5607	624118.1464	SDPCB4020607	SOIL	FS	0	0	19-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.00027		MG/KG	Y
SD-PCB-402	896669.5607	624118.1464	SDPCB4020607	SOIL	FS	0	0	19-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.00033		MG/KG	Y
SD-PCB-402	896669.5607	624118.1464	SDPCB4020708	SOIL	FS	0	0	19-Oct-17	160.3	HLA0046	Percent Solids	53.4		PERCENT	Y
SD-PCB-402	896669.5607	624118.1464	SDPCB4020708	SOIL	FS	0	0	19-Oct-17	245.7	7439-97-6	Mercury	0.019		MG/KG	Y
SD-PCB-402	896669.5607	624118.1464	SDPCB4020708	SOIL	FS	0	0	19-Oct-17	8270-SIM	2051-24-3	Decachlorobiphenyl	0.000025	U	MG/KG	N
SD-PCB-402	896669.5607	624118.1464	SDPCB4020708	SOIL	FS	0	0	19-Oct-17	8270-SIM	25512-42-9	Dichlorobiphenyl (total)	0.00012	U	MG/KG	N
SD-PCB-402	896669.5607	624118.1464	SDPCB4020708	SOIL	FS	0	0	19-Oct-17	8270-SIM	28655-71-2	Heptachlorobiphenyl (total)	0.00042		MG/KG	Y
SD-PCB-402	896669.5607	624118.1464	SDPCB4020708	SOIL	FS	0	0	19-Oct-17	8270-SIM	26601-64-9	Hexachlorobiphenyl (total)	0.000092		MG/KG	Y
SD-PCB-402	896669.5607	624118.1464	SDPCB4020708	SOIL	FS	0	0	19-Oct-17	8270-SIM	27323-18-8	Monochlorobiphenyl (total)	0.000045	U	MG/KG	N
SD-PCB-402	896669.5607	624118.1464	SDPCB4020708	SOIL	FS	0	0	19-Oct-17	8270-SIM	53742-07-7	Nonachlorobiphenyl (total)	0.00042		MG/KG	Y
SD-PCB-402	896669.5607	624118.1464	SDPCB4020708	SOIL	FS	0	0	19-Oct-17	8270-SIM	55722-26-4	Octachlorobiphenyl (total)	0.00012	U	MG/KG	N
SD-PCB-402	896669.5607	624118.1464	SDPCB4020708	SOIL	FS	0	0	19-Oct-17	8270-SIM	1336-36-3	PCB (total)	0.0012		MG/KG	Y
SD-PCB-402	896669.5607	624118.1464	SDPCB4020708	SOIL	FS	0	0	19-Oct-17	8270-SIM	25429-29-2	Pentachlorobiphenyl (total)	0.00004		MG/KG	Y
SD-PCB-402	896669.5607	624118.1464	SDPCB4020708	SOIL	FS	0	0	19-Oct-17	8270-SIM	26914-33-0	Tetrachlorobiphenyl (total)	0.00022		MG/KG	Y
SD-PCB-402	896669.5607	624118.1464	SDPCB4020708	SOIL	FS	0	0	19-Oct-17	8270-SIM	25323-68-6	Trichlorobiphenyl (total)	0.000058		MG/KG	Y
QC			RB01	BW	EB	0	0	21-Oct-17	245.7	7439-97-6	Mercury	0.00001	U	MG/L	N
QC			RB01	BW	EB	0	0	21-Oct-17	SW 846	2051-24-3	Decachlorobiphenyl	0.000001	U	MG/L	N
QC			RB01	BW	EB	0	0	21-Oct-17	SW 846	25512-42-9	Dichlorobiphenyl (total)	0.000003	U	MG/L	N
QC			RB01	BW	EB	0	0	21-Oct-17	SW 846	28655-71-2	Heptachlorobiphenyl (total)	0.000004	U	MG/L	N
QC			RB01	BW	EB	0	0	21-Oct-17	SW 846	26601-64-9	Hexachlorobiphenyl (total)	0.000004	U	MG/L	N
QC			RB01	BW	EB	0	0	21-Oct-17	SW 846	27323-18-8	Monochlorobiphenyl (total)	0.000001	U	MG/L	N
QC			RB01	BW	EB	0	0	21-Oct-17	SW 846	53742-07-7	Nonachlorobiphenyl (total)	0.000001	U	MG/L	N
QC			RB01	BW	EB	0	0	21-Oct-17	SW 846	55722-26-4	Octachlorobiphenyl (total)	0.000003	U	MG/L	N
QC			RB01	BW	EB	0	0	21-Oct-17	SW 846	1336-36-3	PCB (total)	0.000001		MG/L	Y
QC			RB01	BW	EB	0	0	21-Oct-17	SW 846	25429-29-2	Pentachlorobiphenyl (total)	0.000005	U	MG/L	N
QC			RB01	BW	EB	0	0	21-Oct-17	SW 846	26914-33-0	Tetrachlorobiphenyl (total)	0.000004	U	MG/L	N
QC			RB01	BW	EB	0	0	21-Oct-17	SW 846	25323-68-6	Trichlorobiphenyl (total)	0.000003	U	MG/L	N
QC			RB02	BW	EB	0	0	21-Oct-17	245.7	7439-97-6	Mercury	0.00001	U	MG/L	N
QC			RB02	BW	EB	0	0	21-Oct-17	SW 846	2051-24-3	Decachlorobiphenyl	0.000001	U	MG/L	N
QC			RB02	BW	EB	0	0	21-Oct-17	SW 846	25512-42-9	Dichlorobiphenyl (total)	0.000003	U	MG/L	N
QC			RB02	BW	EB	0	0	21-Oct-17	SW 846	28655-71-2	Heptachlorobiphenyl (total)	0.000004	U	MG/L	N
QC			RB02	BW	EB	0	0	21-Oct-17	SW 846	26601-64-9	Hexachlorobiphenyl (total)	0.000004	U	MG/L	N
QC			RB02	BW	EB	0	0	21-Oct-17	SW 846	27323-18-8	Monochlorobiphenyl (total)	0.000001	U	MG/L	N
QC			RB02	BW	EB	0	0	21-Oct-17	SW 846	53742-07-7	Nonachlorobiphenyl (total)	0.000001	U	MG/L	N

loc_name	X_coord	Y_coord	field_sample_id	media	qc_code	top_depth	bottom_depth	field_sample_date	analysis_method	casno	param_name	ppm_result	final_qualifier	ppm_uom	report_hit_flag
QC			RB02	BW	EB	0	0	21-Oct-17	SW 846	55722-26-4	Octachlorobiphenyl (total)	0.000003	U	MG/L	N
QC			RB02	BW	EB	0	0	21-Oct-17	SW 846	1336-36-3	PCB (total)	0.000001		MG/L	Y
QC			RB02	BW	EB	0	0	21-Oct-17	SW 846	25429-29-2	Pentachlorobiphenyl (total)	0.000005	U	MG/L	N
QC			RB02	BW	EB	0	0	21-Oct-17	SW 846	26914-33-0	Tetrachlorobiphenyl (total)	0.000004	U	MG/L	N
QC			RB02	BW	EB	0	0	21-Oct-17	SW 846	25323-68-6	Trichlorobiphenyl (total)	0.000003	U	MG/L	N



United States Army Corps of Engineers, New England District
Stratford Army Engine Plant, Stratford, CT
DRAFT FINAL Focused Feasibility Study

APPENDIX A-3

Potential Pre-Design Sediment Investigations

**Potential Pre-Design Sediment Investigations
Stratford Army Engine Plant Focused Feasibility Study**

As indicated in the FFS, the investigations conducted in the Tidal Flats have adequately characterized the contamination in sediments exceeding PRGs and requiring remediation. However, there remains the possibility of residual contamination exceeding background concentrations at depths greater than 4 feet bgs in the Tidal Flats from historic activities at SAEP, as well as former industrial processes along Housatonic River. Future exposure to the potential presence of detectable contamination at depths below 4 feet is not anticipated; however, the Army proposes some limited pre-design sediment characterization in those areas where ERM-Q > 0.5 in the 3-4 foot, bgs interval to evaluate those areas to a depth of 6 feet bgs.

Figure A.3-1 presents the seven areas of the proposed 3-4 ft, bgs excavation interval, as well as the ERM-Q values for samples collected in the 3-4 ft, bgs depth interval. Each of the seven areas presented on Figure A.3-1 have concentrations of contaminants of potential concern exceeding preliminary remedial goals (PRGs). The ERM-Q values (and/or mercury and PCB concentrations) exceed the remedial goal of 0.5 in six of the seven excavation areas (B-1, B-7, E-7, H-1, H-5, L-3), and mercury exceeds the remedial goal of 0.4 ppm in excavation area E-0. Table A.3-1 presents the maximum detected concentration of potential contaminants of concern for each of the seven areas for the depth intervals 3-4, 4-5, and 5-6 feet bgs. Red highlighting of values in the table indicates that a value/concentration exceeds its' respective PRG. Yellow highlighting indicates a potential data gap for that excavation area, depth interval, and analyte.

As shown in Table A.3-1, there is analytical data for the 4-5 and/or 5-6 ft bgs intervals in excavation areas B-1, E-0, and H-1. The potential driver for additional sediment data collection at excavation E-0 is a mercury concentration of 1.9 ppm in the 3-4 ft, bgs depth interval, but maximum concentrations of mercury less than the PRG of 0.4 ppm in 4-5 and 5-6 ft, bgs samples from the E-0 area preclude the need for any additional investigations (Table A.3-1). The remaining six excavation areas are lacking vertical delineation of potential contaminants, and the proposed depth intervals and analytes for additional sampling are presented in Table A.3-1 with yellow highlighting. Figure A.3-1 presents potential locations for sediment core collection to delineate potential metals (ERM-Qs), total PCBs and mercury for the 4-5 and 5-6 ft, bgs depth intervals beneath excavation areas B-1, B-7, E-7, H-1, H-5, and L-3. No investigations of sediment at depths greater than 6 feet, bgs will be conducted by the Army.

The proposed investigations will be conducted prior to the completion of the Design. The Design will specify any additional excavation required as a result of additional contamination detected above PRGs in the 4-6 ft, bgs depth interval. The Army will not conduct any sediment excavation to depths greater than 6 feet, bgs in the Tidal Flats.

TABLE A.3-1

TIDAL FLATS 3-4 FEET BGS DEPTH INTERVAL CONTAMINANT CONCENTRATIONS AND POTENTIAL DATA GAPS IN THE 4-6 FEET BGS DEPTH INTERVAL

3-4' bgs Excavation Area	3-4 FT, BGS SAMPLE INTERVAL			4-5 FT, BGS SAMPLE INTERVAL				5-6 FT, BGS SAMPLE INTERVAL			
	ERM-Q Maximum Value	Total PCBs Maximum Detected Conc. (ppm)	Mercury Maximum Detected Conc. (ppm)	Existing Analytical Data	ERM-Q Maximum Value	Total PCBs Maximum Detected Conc. (ppm)	Mercury Maximum Detected Conc. (ppm)	Existing Analytical Data	ERM-Q Maximum Value	Total PCBs Maximum Detected Conc. (ppm)	Mercury Maximum Detected Conc. (ppm)
B-1	0.77	ND	0.28	Hg, PCBs	-	0.022	0.02	Metals, Hg, PCBs	0.11	0.03	0.06
B-7	0.63	ND	0.98	NA	-	-	-	NA	-	-	-
E-0	0.11	ND	1.9	Hg, PCBs	-	0.0015	0.021	Metals, Hg, PCBs	0.12	0.0019	0.016
E-7	2.14	0.53	8.17	NA	-	-	-	NA	-	-	-
H-1	1.64	1.65	1.76	NA	-	-	-	Metals, Hg, PCBs	0.27	ND	0.23
H-5	0.97	0.15	0.94	NA	-	-	-	NA	-	-	-
L-3	1.02	0.54	2.0	NA	-	-	-	NA	-	-	-

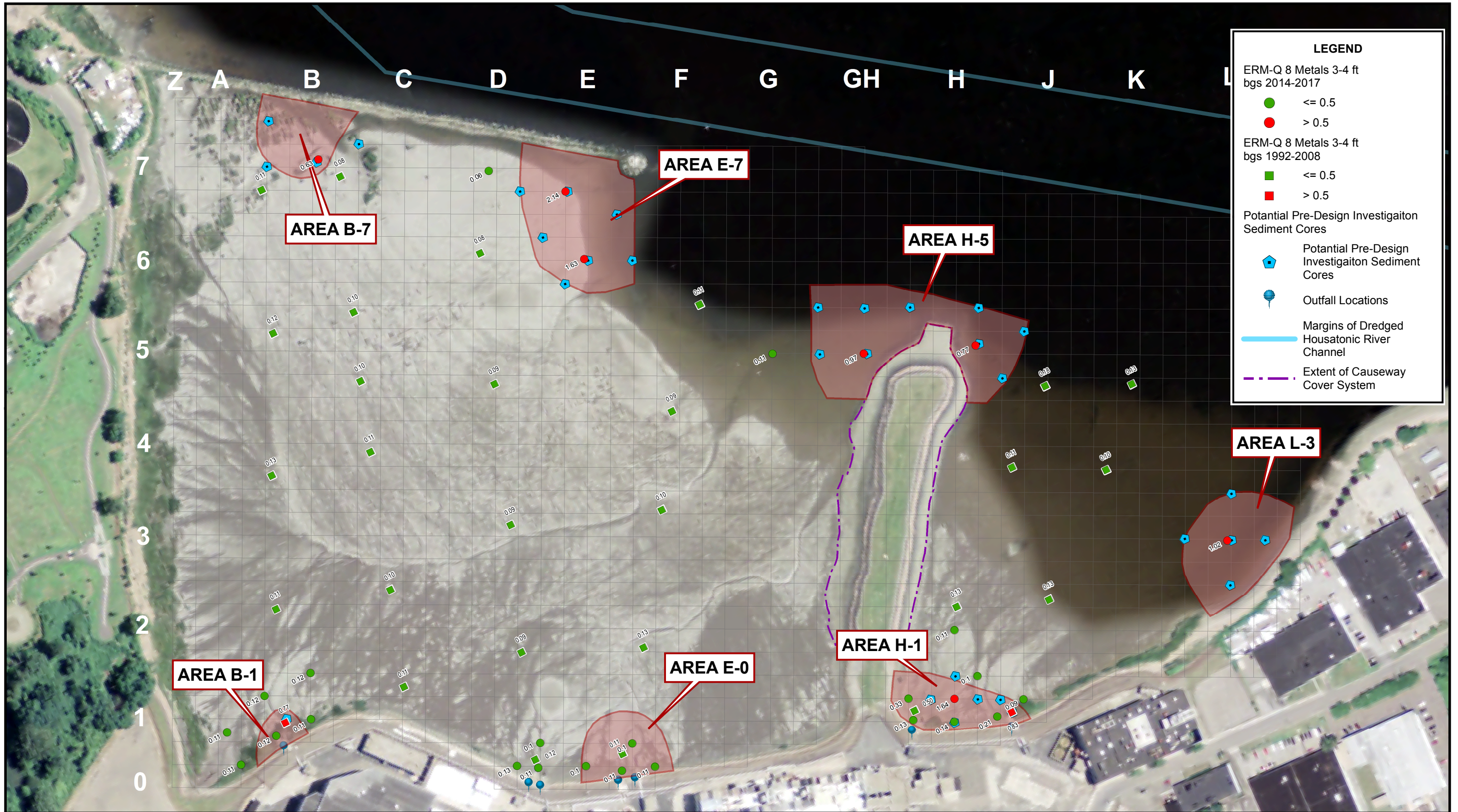
Notes: PRGs for sediment as defined in the Focused Feasibility Study for the Tidal Flats Sediments are: ERM-Q 0.5, Total PCBs 0.2 ppm, Mercury 0.4 ppm

NA - not applicable (no data available)

ND - not detected at a concentration greater than the reporting limit

Red highlighting indicates value or concentration exceeding PRG

Yellow highlighting indicates potential additional analyses required



LEGEND

ERM-Q 8 Metals 3-4 ft bgs 2014-2017

- ≤ 0.5
- > 0.5

ERM-Q 8 Metals 3-4 ft bgs 1992-2008

- ≤ 0.5
- > 0.5

Potential Pre-Design Investigaiton Sediment Cores

- ⬠ Potential Pre-Design Investigaiton Sediment Cores
- ⊙ Outfall Locations
- Margins of Dredged Housatonic River Channel
- - - Extent of Causeway Cover System



2014 Aerial Imagery
USDA National Agriculture
Imagery Program

0 100 200 400
Feet

N

Prepared/Date: ICD 09/21/2018 Checked/Date: DRP 09/21/2018

Figure A.3-1
Locations of Potential Pre-Design Investigation Sediment Cores
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut



United States Army Corps of Engineers, New England District
Stratford Army Engine Plant, Stratford, CT
DRAFT FINAL Focused Feasibility Study

APPENDIX A-4

Evaluation of 2006 through 2015 LiDAR Elevation Data – Tidal Flats

Objectives:

- 1) Evaluate impact of Hurricane Sandy (October 2012) on the elevation of Tidal Flats sediments (i.e., was there any impact to sediment surface, and if so, how much?)
- 2) Evaluate sedimentation rates for the Tidal Flats (as available LiDAR data allow)

LiDAR Data Sets:

LiDAR data sets for selected years spanning 2006 through 2015 for the Stratford, Connecticut area are available from the following websites:

http://cteco.uconn.edu/data/lidar/info_lidar.htm (2006, 2012, 2015)

https://coast.noaa.gov/htdata/lidar1_z/

Wood selected the following LiDAR data sets from the websites for evaluation of Tidal Flats historical sediment elevations:

CT Coast 2006

December 2006

Area 187 sq mi

Acquired By FEMA

Projection CT State Plane NAD83 feet, NAVD88 feet

Coast 2012

November 14 to December 16, 2012

Area 116 sq mi

Acquired By US Army Corps of Engineers

Projection Geographic, NAD83 meters, NAVD88 meters

Note: survey conducted shortly after passage of Hurricane Sandy

2015 USACE NAE Topobathy Lidar DEM: Connecticut

June 5, 2015 through June 13, 2015

Acquired By US Army Corps of Engineers

Projection NAD83 meters, NAVD88, using the GEOID12B grids provided by the National Geodetic Survey

A preliminary review of available LiDAR datasets was performed to evaluate feasibility of performing differential LiDAR analysis for the project site. Publicly available datasets have been acquired by various state and Federal agencies during the time span of 2006-2016. The time range of these data encompass the occurrence of Hurricane Sandy (2012) and therefore may be used to evaluate the topographic geomorphic effects of the 2012 Hurricane Sandy event on the site vicinity. Due to variations in tidal cycles during acquisition of some of these data, there is intrinsic variability in the lateral extent of the tidal flat areas scanned by the LiDAR.

The CT Coast (2006) data set includes mudflat elevation data that was acquired during semi-low tide conditions and includes what appear to be sand-bar depositional features at the end of the Causeway. Subsequent to, and as a result of, Hurricane Sandy, USACE collected the Coast 2012 "Post-Sandy" LiDAR dataset. This data was collected to evaluate effects of Hurricane Sandy on the coastal region; however, flight paths yielded only partial coverage of this study area in Stratford CT. This dataset does provide

APPENDIX A-4

Evaluation of 2006 through 2015 LiDAR Elevation Data – Tidal Flats Stratford Army Engine Plant Focused Feasibility Study

September 21, 2018

sufficient coverage for differential LiDAR analysis and so was used with limitations and the caveat that it only represents a percentage of the Tidal Flats area. In 2015, USACE (NAE) acquired a green-LiDAR topobathymetric scan of the study area. A derivative digital elevation model (DEM) surface of this 2015 dataset (NAE) was used as the base for comparison. It included all areas considered intertidal and has the most consistent returns and ground classifications of the three LiDAR data sets used in this evaluation.

Data Processing:

LiDAR data points within the area of the Tidal Flats were extracted for each of the three data sets referenced above. The point clouds, containing irregularly-space points were compared against elevation values within the 2015 DEM. Comparisons of the data sets to evaluate elevation differences over three time periods were made:

- 2006 - 2012 Elevation Differences (2006 to immediately after Sandy)
- 2012 - 2015 Elevation Differences (immediately following Sandy to 2015)
- 2006 - 2015 Elevation Differences (pre-Sandy to 2015)

Histograms representing the difference in elevations for each of the comparative data sets were generated and are presented in the attached Figures 1 through 3. Note that negative values in the histograms represent an increase in sediment elevation, while positive values represent a decrease in elevation.

Preliminary Observations:

The following table presents a summary of statistics for the three elevation data set comparisons (2006 - 2012 (post-Sandy), 2012 (post-Sandy) - 2015, and 2006 – 2015), with negative values indicating an increase in sediment elevation:

Data Set Comparison	Number of Elevation Measurement Points in Comparison	Largest Single Point Sediment Elevation Increase (feet)	Largest Single Point Sediment Elevation Decrease (feet)	Mean Sediment Elevation Differential (feet)	Estimated Mean Sedimentation Rate (ft/yr)
2006 - 2012 (post-Sandy)	105,631	-1.00	1.00	-0.14	-0.02
2012 (post-Sandy) - 2015	130,831	-2.02	2.40	-0.22	-0.07
2006 - 2015	198,537	-3.87	4.75	-0.39	-0.04

Note: Negative values represent an increase in sediment elevation

2006-2012 (post-Sandy): See attached Figure 1. The histogram presented in Figure 1 indicates that of the >105,000 elevation measuring points that the LiDAR data sets have in common, the majority exhibit an increase in elevation of 0.1 to 0.2 feet (mean = 0.14 feet) over this 6-year period, inclusive of the Hurricane Sandy event. Approximately 17.5% of the measurement points indicate a decrease in sediment elevation, primarily located along the Dike/shoreline east of the Causeway. The mean sedimentation rate for the Tidal Flats area covered in this data comparison is 0.02 ft/yr.

2012 (post-Sandy) - 2015: See attached Figure 2. The histogram presented in Figure 2 indicates that of the >130,000 elevation measuring points that the LiDAR data sets have in common, the majority exhibit an increase in elevation of 0.2 to 0.3 feet (mean = 0.22 feet) over this 3-year period following the Hurricane Sandy event. Only a very small percentage (< 1%) of the measurement points indicate a decrease in sediment elevation, primarily located on the southern side of the breakwater bordering the Housatonic River, as well as along the Dike/shoreline east of the Causeway. The mean sedimentation rate for the Tidal Flats area covered in this data comparison is 0.07 ft/yr.

2006-2015: See attached Figure 3. The histogram presented in Figure 3 indicates that of the >195,000 elevation measuring points that the LiDAR data sets have in common, the majority exhibit an increase in elevation of 0.4 to 0.5 feet over this 9-year period encompassing the Sandy event in October 2012. Only a very small percentage (< 1%) of the measurement points indicate a decrease in sediment elevation. The mean sedimentation rate for the Tidal Flats area covered in this data comparison is 0.04 ft/yr.

Preliminary Conclusions:

- Over the six-year time period between 2006 and 2012, the mean sediment elevation of the Tidal Flats increased by 0.14 feet. Using a non-Sandy influenced estimation of sedimentation rate between 2012 and 2015 of 0.07 ft/yr, and extrapolating over the 2006-2012 period of six years, yields a theoretical sediment accumulation of 0.42 feet. Subtracting the measured mean sediment elevation difference of 0.14 between 2006 and 2012 (post-Sandy) from the theoretical estimate of 0.42 feet, results in an estimated mean elevation difference of 0.28 feet, which could be theorized as the mean decrease in elevation resulting from Hurricane Sandy.
- The three data set comparisons indicate an increase in sediment elevation over their respective time periods, with only a very low percentage (<1%) of the measurement points indicating a decrease in sediment elevation.
- Evaluation of LiDAR data by Wood indicates that between 2006 and 2015, the elevation of the Tidal Flats sediments generally increased, with a mean increase of 0.39 feet over the 9-year period inclusive of Hurricane Sandy. As Hurricane Sandy likely impacted the calculated sedimentation rate estimated for the time periods 2006-2012 (0.02 ft/yr) and 2006-2015 (0.04 ft/yr), the timeframe between 2012 (post-Sandy) and 2015 is expected to reflect the most reasonable average sedimentation rate which is 0.07 ft/yr.
- Using a sedimentation rate of 0.07 ft/yr, it is estimated that it would take roughly 14 years for a 1-foot thickness of new sediment to accumulate on the Tidal Flats. However, this does not take into account that if the Tidal Flats were excavated and backfilled to 1 foot below existing grade, the non-equilibrium condition generated by leaving the last 1-foot unfilled would likely increase the rate of sedimentation. Increases in sedimentation rates have been documented at other sediment excavation sites where excavations have not been completely backfilled to grade (<http://www.nae.usace.army.mil/Portals/74/docs/DAMOS/TechReports/186.pdf>).

FIGURES

Figure 1. Tidal Flats Elevation Change from 2006 to 2012

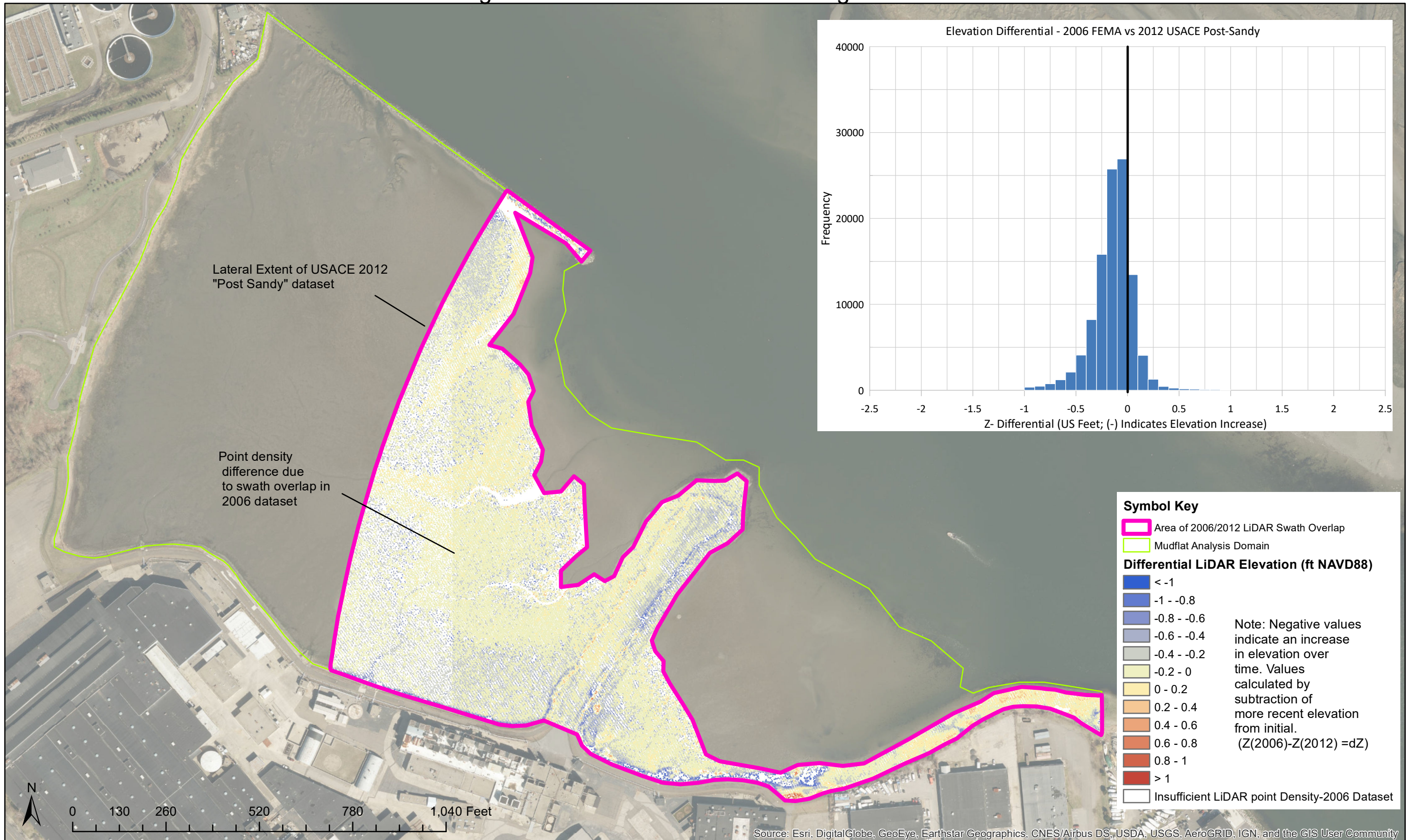


Figure 2. Tidal Flats Elevation Change from 2012 to 2015

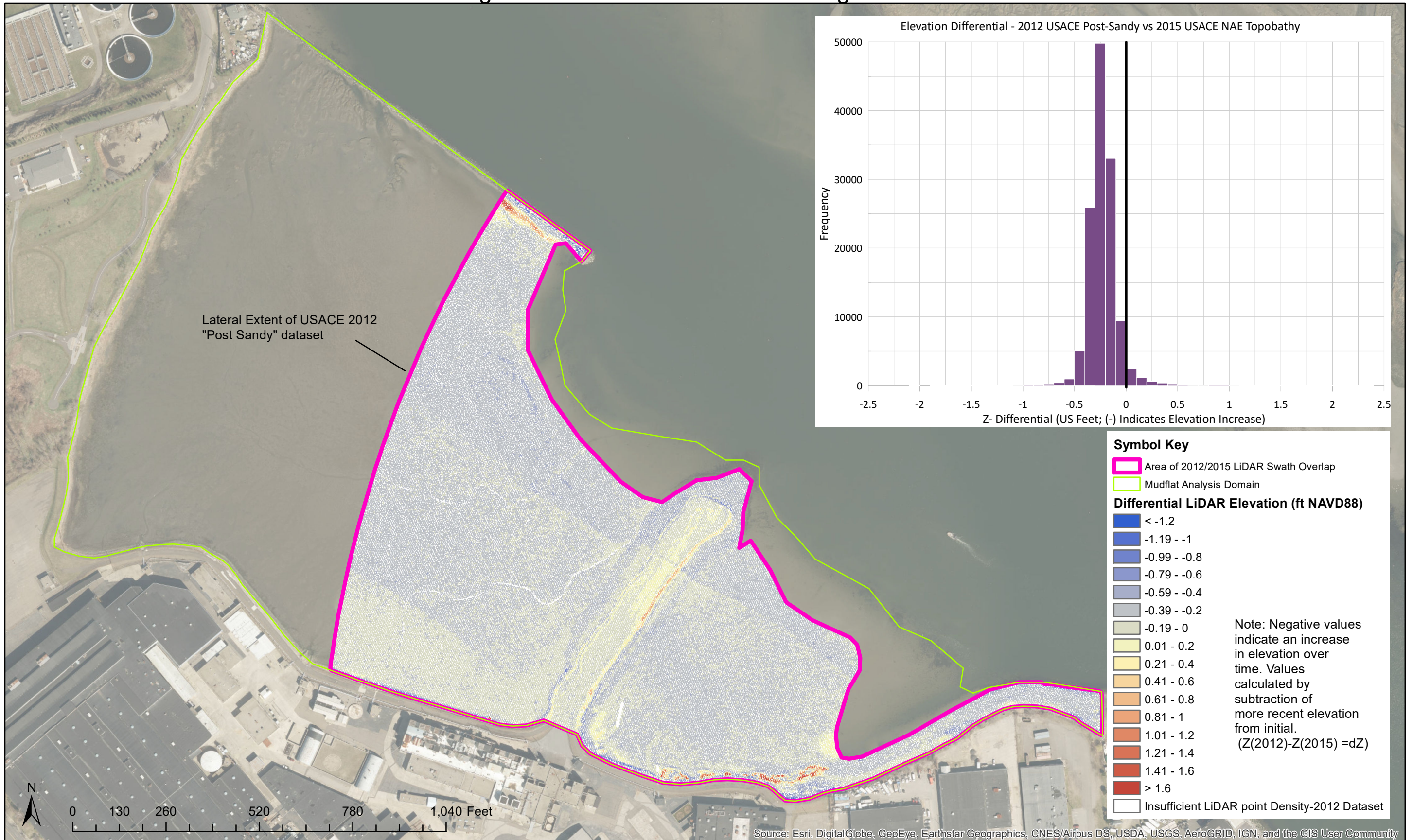
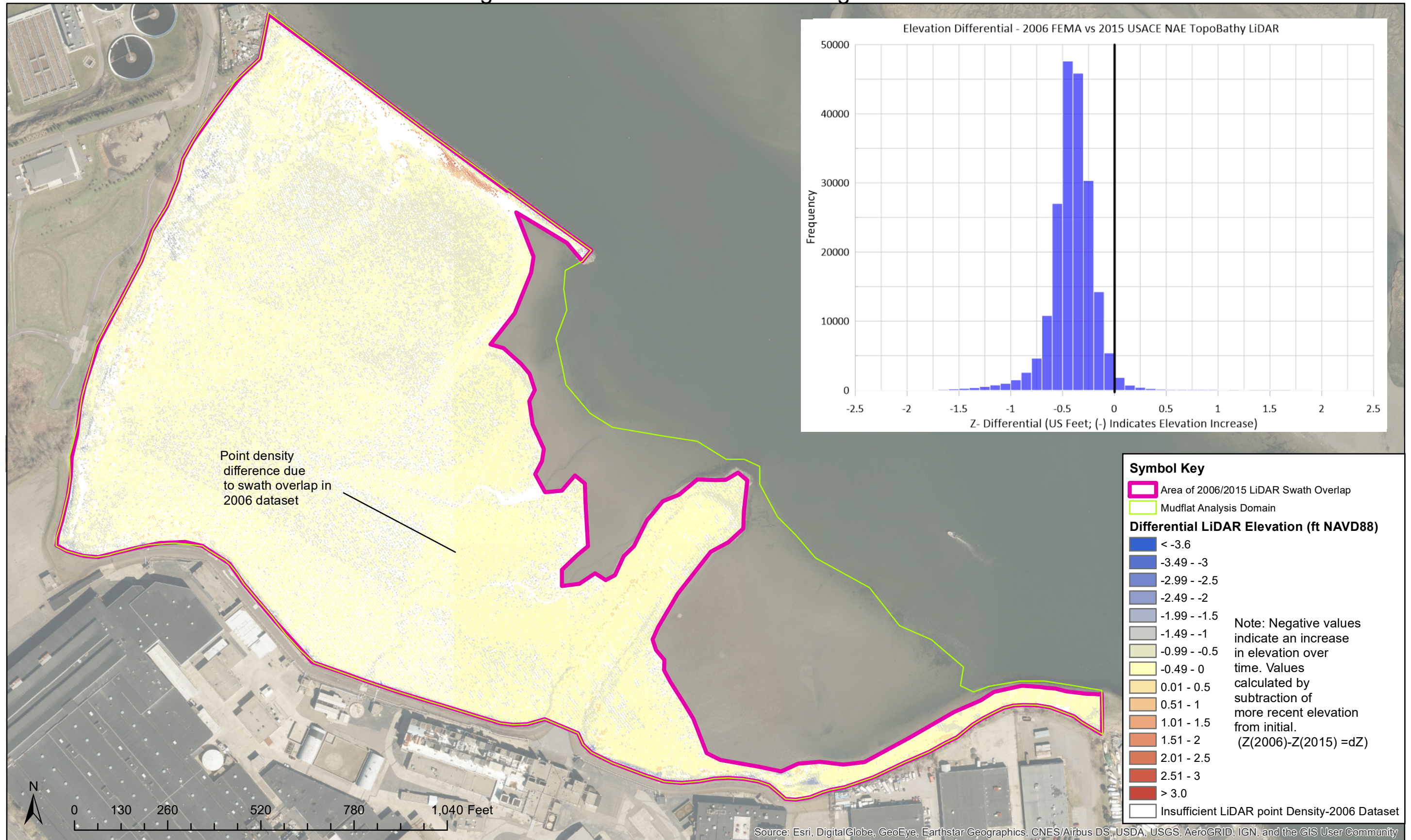
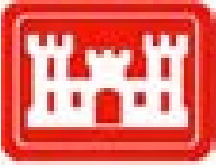


Figure 3. Tidal Flats Elevation Change from 2006 to 2015



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



United States Army Corps of Engineers, New England District
Stratford Army Engine Plant, Stratford, CT
DRAFT FINAL Focused Feasibility Study

APPENDIX B

CT DEEP Natural Diversity Data Base Response



Connecticut Department of

**ENERGY &
ENVIRONMENTAL
PROTECTION**

April 23, 2018

Donald Roderick Pendleton
AMEC Foster Wheeler Environment & Infrastructure, INC
511 Congress ST- Suite 200
Portland, ME 04101
ROD.PENDLETON@WOODPLC.COM

NDDB DETERMINATION NUMBER.: 201804649

Project: Remediation of tidal flats by dredging and transfer of property for redevelopment under Stewardship Permit for Stratford Army Engine Plant (SAEP), 550 Main Street in Stratford

I have reviewed Natural Diversity Data Base (NDDB) maps and files regarding this project. I do not anticipate negative impacts to State-listed species (RCSA Sec. 26-306) resulting from your proposed activity at the site. This determination is good for 2 years. Please re-submit an NDDB Request for Review if the scope of work changes or if work has not begun on this project by April 23, 2020.

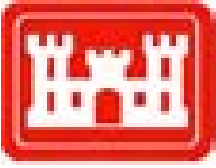
Natural Diversity Data Base information includes all information regarding critical biological resources available to us at the time of the request. This information is a compilation of data collected over the years by the Department of Energy and Environmental Protection's Natural History Survey and cooperating units of DEEP, private conservation groups and the scientific community. This information is not necessarily the result of comprehensive or site-specific field investigations. Consultations with the Data Base should not be substitutes for on-site surveys required for environmental assessments. Current research projects and new contributors continue to identify additional populations of species and locations of habitats of concern, as well as, enhance existing data. Such new information is incorporated into the Data Base as it becomes available. The result of this review does not preclude the possibility that listed species may be encountered on site and that additional action may be necessary to remain in compliance with certain state permits.

Please contact me if you have further questions at shannon.kearney@ct.gov . Thank you for consulting the Natural Diversity Data Base.

Sincerely,

/s/ Shannon B. Kearney
Wildlife Biologist

CC: Peter Sysmanski (United States Army)



United States Army Corps of Engineers, New England District
Stratford Army Engine Plant, Stratford, CT
DRAFT FINAL Focused Feasibility Study

APPENDIX C

Treatability Testing Evaluation

Appendix C

Treatability Testing Summary Report

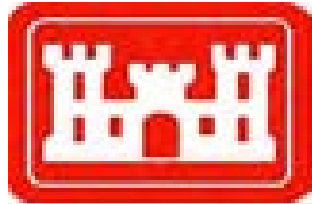
for

Stratford Army Engine Plant
Stratford, Connecticut

Contract No.: W912WJ-15-D-003
Task Order No.: 002

June 2018

Prepared for:



New England District
U.S. Army Corps of Engineers
696 Virginia Road
Concord, MA 01742-2751

Prepared by:



Amec Foster Wheeler Environment & Infrastructure, Inc.
511 Congress Street
Portland, Maine 04101



TABLE OF CONTENTS

1.0 SEDIMENT AND SURFACE WATER SAMPLING FOR TREATABILITY TESTING AND ENGINEERING PARAMETERS.....1-1

1.1 Surface Water Sample Collection.....1-1

1.2 Modified Elutriate, Geotechnical, Waste Characterization, and Treatability Testing ...1-1

2.0 ELUTRIATE RESULTS2-1

2.1 Area 1 Elutriate Results.....2-1

2.2 Area 6 Elutriate Results2-1

2.3 Area 8 Elutriate Results.....2-2

2.4 Conclusions2-2

3.0 GEOTECHNICAL ANALYSES3-1

3.1 Area 1 Geotechnical3-1

3.2 Area 4 Geotechnical3-1

3.3 Area 6 Geotechnical3-1

3.4 Area 8 Geotechnical3-2

3.5 Site Wide Geotechnical3-2

3.6 Treatability Composite Geotechnical3-2

4.0 RAW SEDIMENT SPLP.....4-1

5.0 WASTE CHARACTERIZATION ANALYSIS.....5-1

6.0 TREATABILITY SAMPLES.....6-1

7.0 KEMRON DEWATERING, SOLIDIFICATION, AND WATER TREATMENT TREATABILITY STUDY.....7-1

7.1 Dewatering Tests.....7-1

7.1.1 Mechanical Dewatering7-2

7.1.2 Geotube Dewatering7-2

7.1.3 Water Treatment7-2

7.2 Gravity Dewatering7-3

7.3 Solidification7-3

7.3.1 Strength Testing.....7-4

7.3.2 Leachability Testing.....7-5

8.0 TIPPING POINT TREATABILITY STUDY.....8-1

9.0 REFERENCES.....9-1

ATTACHMENTS

- Attachment A – Field Data Reports
- Attachment B – Lab Data - EnviroSystems, Inc.
- Attachment C – Kemron Treatability Study Report
- Attachment D – Rutgers Center for Advanced Infrastructure and Transportation Solidification Report



1.0 SEDIMENT AND SURFACE WATER SAMPLING FOR TREATABILITY TESTING AND ENGINEERING PARAMETERS

Sediment sample collection was completed for purposes of evaluating the required treatment for sediment for on-site consolidation, off-site disposal, and for dewatering fluids generated during sediment processing. Sediment samples were collected from areas with historically higher concentrations of PCBs, metals, and mercury, and from hydrodynamically diverse areas of the site (shallow vs. deep water, near shore vs. near river, near outfalls, and opposites sides of the causeway) to ensure collection of sediments from potentially differing depositional environments (e.g., representation of variability in sediment grain size and contaminant distribution). These areas were selected to ensure that sediments that are potentially more difficult to dewater were tested, so that dewatering and water treatment performance would be adequately assessed. In addition, areas were selected to provide vertical representation of sediment characteristics for the proposed dredge prism.

Samples were collected from 4 areas. **Table C-1** summarizes the sampling locations, rationale, and analyses run on the samples.

1.1 Surface Water Sample Collection

Surface water samples were collected prior to any sediment disturbance. A total of five surface water samples were collected according to the following:

- ▶ **Area 1.** 55 gallons collected for treatability study makeup water (SW-01-001-0001) and 10 gallons collected for modified elutriate study makeup water (SW-01-002-0001);
- ▶ **Area 6.** Ten gallons collected for modified elutriate study makeup water (SW-06-001-0001); and
- ▶ **Area 8.** Ten gallons collected for modified elutriate study makeup water (SW-08-001-0001).

1.2 Modified Elutriate, Geotechnical, Waste Characterization, and Treatability Testing

Figure C-1 presents the locations of sediment samples collected for treatability studies and other engineering evaluations. Two sampling events were conducted: the first in early August 2017 and the second in October 2017. The first event was conducted per the FSP sampling rationale. The second event in October 2017 was conducted to provide additional geotechnical data from across the entire site. The locations for the October 2017 event are labeled in a light green with the series SDT-501 through SDT 510.

The treatability and engineering parameter sample locations are shown in purple as Areas 1, 4, 6, and 8 on **Figure C-1** (August 2017 sampling event). Generally, the cores were all collected within pre-selected areas identified by the purple areas. For each Area, each core collected is identified in green with an exploration ID (e.g., SDT-01-008, “sediment”, “Area 01”, “location 008”). In addition, for each area, there is a callout box that identifies the full sample code with the

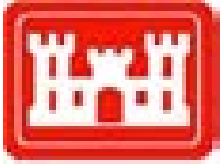


parameters selected for analyses. These parameters include: modified elutriate (noted as “elutriate,” total PCBs/Metals, geotechnical (parameters include bulk and dry density, specific gravity, Atterberg limits, and moisture content), TOC and grain size/hydrometer, SPLP PCBs/Metals, hazardous waste parameters, TPH, treatability testing, and percent solids). The depth of each core is indicated per the color coding:

- ▶ Area 1, 4 ft;
- ▶ Area 4, 2 ft;
- ▶ Area 6, 4 ft; and
- ▶ Area 8, 2 ft.

A sample collection matrix for August 2017 sampling event is presented in **Table C-1** (same as Table 4-3 from the FSP). The actual sampling included the collection of 74 sediment cores and five gallons of sediments by hand shovel according to the following:

- ▶ **Area 1.** Nineteen cores advanced to four feet below sediment surface (bss) from Area 1- SDT-01-001 through SDT-01-019 designated for analysis as follows:
 - ▶ SDT-01-001 through SDT-01-017 comprising the composites for Area 1 treatability testing and modified elutriate analysis;
 - ▶ SDT-01-018 for SPLP PCBs and Metals for the intervals 0 to 2 ft and 2 to 4 ft; and
 - ▶ SDT-01-019 for geotechnical and TOC/grain size for the 0 to 1ft, 1 to 2 ft and 2 to 4 ft intervals.
- ▶ **Area 4.** 24 sediment cores advanced to two feet bss from Area 4 – SDT-04-020 through SDT-04-041 and SDT-04-050,051 designated for analyses as follows:
 - ▶ SDT-04-020 through SDT-04-041 and five gallons of sediment collected from 0 to 2 ft bss using a hand shovel, comprising the composite for Area 4 treatability testing; and
 - ▶ SDT-04-050 for SPLP PCBs and metals for the interval 0 to 2 ft bss; and
 - ▶ SDT-04-051 for geotechnical, TOC, and grain size for the 0 to 1 ft and 1 to 2 ft intervals.
- ▶ **Area 6.** Four sediment cores advanced to four ft bss from Area 6 – SDT-06-052 through SDT-06-055, designated for analyses as follows:
 - ▶ SDT-06-052 and SDT-06-053 comprising the composites for Area 6 modified elutriate analysis;
 - ▶ SDT-06-054 for SPLP PCBs and metals for the interval 0-4 ft bss; and
 - ▶ SDT-06-055 for geotechnical, TOC, and grain size for the 0 to 1 ft, 1 to 2 ft, and 2 to 4 ft intervals.



- ▶ **Area 8.** 26 sediment cores advanced to two feet bss from Area 8 – SDT-08-056 through SDT-08-081, designated for analyses as follows:
 - ▶ SDT-08-056 through -079 comprising the composites for Area 8 modified elutriate analysis and treatability testing;
 - ▶ SDT-08-080 for SPLP PCBs and metals for the interval 0-2 ft bss; and
 - ▶ SDT-08-081 for geotechnical, TOC, and grain size for the 0 to 1 ft, and 1 to 2 ft bss intervals.

Table C-1 also notes where there were slight differences between the analyses run compared with the analyses planned in the FSP.

During the October 2017 event, ten cores were collected, composited over the entirely interval collected, and submitted for geotechnical parameters (grain size/hydrometer, bulk and dry density, Atterberg limits, moisture content, and specific gravity). The borings and intervals sampled included the following:

- ▶ SDT-501, 0 to 3 ft bss;
- ▶ SDT-502, 0 to 1 ft bss;
- ▶ SDT-503, 0 to 2 ft bss;
- ▶ SDT-504, 0 to 1 ft bss;
- ▶ SDT-505, 0 to 2 ft bss;
- ▶ SDT-506, 0 to 1 ft bss;
- ▶ SDT-507, 0 to 4 ft bss;
- ▶ SDT-508, 0 to 1 ft bss;
- ▶ SDT-509, 0 to 2 ft bss; and
- ▶ SDT-510, 0 to 1 ft bss;

All cores were collected using Piston-Vibracore® drilling/sampling methods.

Table C-2 summarizes the analyses performed on all of the sample IDs. Attachment A includes the field data collection form for the sediment and surface water sampling events.



2.0 ELUTRIATE RESULTS

Modified elutriate analyses were run on 3 samples collected from Areas 1, 6, and 8. These areas were selected for elutriates because they represented relatively high concentrations of site contaminants, particularly PCBs and were considered representative of a variety of hydrodynamic conditions across the site. The modified elutriate analysis, as described in the Inland Testing Manual (USACE 2003), was selected because it is designed to simulate water quality when hydraulically dredged materials are placed in a CDF, allowed to settle, and decant water flows over a weir for further treatment or return to the water body. This is a reasonable representation of water quality generated from dewatering of dredged sediments.

Tables C-3 through **C-5** summarize the modified elutriate analyses, including the parent surface water and sediment used to make the elutriates. **Attachment C** includes the lab data reports for all analyses run.

2.1 Area 1 Elutriate Results

Area 1. At Area 1, which is just off the tip of the causeway, copper exceeded the state acute water quality criterion of 4.8 µg/L, at concentrations ranging from 12.8 to 13.3 µg/L in the three unfiltered replicates. Copper did not exceed the SB criterion in the filtered samples. All other metals did not exceed their respective criteria.

For PCBs, a number of exceedances of the state criterion of 0.03 µg/L PCBs in both the total and centrifuged samples were detected. In uncentrifuged samples, tri-, tetra-, penta-, and hexachlorobiphenyl exceeded the criterion in all three replicates, ranging in concentration from 0.038 to 0.51 µg/L, while heptachlorobiphenyl exceeded the criterion in only one replicate at 0.037 µg/L. Total PCBs exceeded the criterion at concentrations ranging from 0.82 to 0.95 µg/L.

Centrate analyzed for PCBs also exceeded the SB criterion of 0.03 for all congeners quantitated except for chlorobiphenyl and decachlorobiphenyl. Concentrations ranged from 0.094 to 6.5 µg/L for the exceedances in di- through decachlorobiphenyl congeners. Total PCBs ranges from 0.15 to 12 µg/L.

2.2 Area 6 Elutriate Results

Area 6. At Area 6, which is nearshore east of the causeway, copper in the unfiltered elutriate exceeded State saltwater acute water quality standard of 4.8 µg/L (Class SB) with results of the three replicates ranging from 34.4 to 37.1 µg/L. All filtered results for metals passed the Class SB standards. However, it is important to note that the surface water collected from the site also exceeds the state SB standard at a concentration of 5.2 µg/L.

PCB analysis shows exceedance of the state acute value of 0.03 µg/L for tetrachlorobiphenyl at 0.04 to 0.046 in uncentrifuged samples. No individual PCB congeners exceed the state SB criterion in the centrifuged samples. However, all total PCB results are noted as undetected at 0.11U, which is above the criterion.



2.3 Area 8 Elutriate Results

Area 8. At Area 8, which is a relatively nearshore area west of the causeway and near Outfalls 002, 003, 004, and 007, there were no metals exceedances in either the total of filtered elutriate water samples. Copper in surface water collected as makeup water for the elutriates exceeded the standard of 4.8 µg/L at a concentration of 18.8 µg/L.

PCBs in the uncentrifuged samples exceeded the standard of 0.03 µg/L only slightly for one congener, tetrachlorobiphenyl, at concentrations of 0.033 µg/L in two out of three replicates. There were no detections in centrate exceeding the standard; however, total PCBs had an elevated detection limit of 0.11 µg/L in all replicates including the raw makeup surface water sample.

2.4 Conclusions

Comparison to water quality standards (State Acute SB) for the elutriate samples analyzed from the three areas of the site shows the following:

- Area 1 - PCBs in both total and dissolved fractions and copper only in the total fraction exceeded water quality standards;
- Area 6 - Both PCBs and copper exceeded water quality standards in the total fraction; however, neither exceeded in the dissolved fraction; and
- Area 8 – Only PCBs exceeded water quality standards in the total fraction.

In conclusion, to ensure that the water treatment system can treat all site contaminants and meet likely water quality standards, both particle filtration and carbon adsorption may be needed to treat dewatering fluids generated from sediments dredged from the site. Additional dewatering technology specific evaluations were conducted to further evaluate these concerns.



3.0 GEOTECHNICAL ANALYSES

Geotechnical analysis was completed on 15 samples collected in the August 2017 event, of which 5 were composites (from 4 areas of the site and the master treatability composite sample) and 10 were from discrete intervals collected from cores advanced at four areas of the site. The analyses included bulk and dry density, moisture content, specific gravity, Atterberg limits, grains size/hydrometer, TOC, and % solids.

In a second mobilization in October 2017, ten additional samples were collected from locations across the entire site. These samples were collected each from an individual borings advanced to the proposed depth of dredging (either 1, 2, 3, or 4 ft bss) and composite from zero to the depth of the recovered core. These samples were analyzed for the same geotechnical parameters as the samples collected in August 2017.

The purpose of these samples was to support the dredge feasibility analysis and determine variability across the site and with depth.

Table C-6 summarizes the geotechnical results and **Table C-7** summarizes organic carbon results and additional percent solids results.

3.1 Area 1 Geotechnical

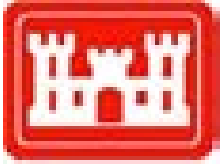
Discrete samples from Area 1 range in silt content from 55% to 78%, while clay ranges from 16.7% to 22.6%. Sand ranges from 5.2 to 21.8%. Samples are classified as silt with sand or silt (all MH). Liquid limits (LL) ranged from 73 to 113, plastic limit (PL) ranged from 36 to 46, and the plasticity index (PI) ranged from 37 to 42 (**Table C-6**). In situ percent solids range from 41.9% to 49.4% (see **Table C-7**). Organic carbon ranges from 1.9 to 3.5%. Percent solids range from 41.9 to 49.4%.

3.2 Area 4 Geotechnical

Discrete samples from Area 4 range in silt content from 56 to 71.7% silt and 14.5 to 18.6% clay. Sand ranges from 9.7 to 29.5%. Descriptions include silt with sand and silt (all MH). LL ranged from 54 to 90, PL ranged from 35 to 48, and the PI ranged from 19 to 42 (**Table C-6**). Organic carbon ranges from 2.0 to 2.3%. Percent solids range from 52.3 to 56.2% (**Table C-7**).

3.3 Area 6 Geotechnical

For Area 6, discrete samples range in silt content from 29.1 to 67.7%, with clay ranging from 7.5 to 27.8%, and sand ranging from 4.5 to 62.8%. Descriptions include silt with sand, sand/sandy silt, clay with sand, and silt (MH, SM/ML, and CH). This area shows considerable variability in the sand and clay contents. LL ranged from 42 to 102, PL ranged from 30 to 45, and the PI ranged from 12 to 57 (**Table C-6**). Percent solids range from 46.5 to 65.6% and organic carbon ranges from 1.3 to 3.7% (**Table C-7**).



3.4 Area 8 Geotechnical

At Area 8, discrete samples range in silt content from 59.9% to 71.2% and clay content ranges from 17.6 to 21.8%. Sand content ranges from 11.2 to 18.3% and descriptions include silt with sand, silt, and sandy silt (all MH). LL ranged from 64 to 68, PL ranged from 34 to 43, and the PI ranged from 29 to 30 (**Table C-6**). Percent solids range from 52.4 to 58.3% and organic carbon ranges from 1.7 to 2.4% (**Table C-7**).

3.5 Site Wide Geotechnical

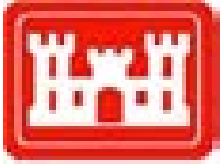
For the site wide samples collected from a range of areas and depths across the entire site (the "500 series of samples), silt content ranges from 17 to 66% and clay content ranges from 4 to 20%. Sand content ranges from 16.5 to 71.9% and descriptions include silt, silt with sand, sandy silt, and silty sand (MH, SM, and SM/ML). One sample was non-plastic. For plastic samples, LL ranged from 36 to 82, PL ranged from 33 to 41, and the PI ranged from 3 to 41 (**Table C-6**). Percent solids range from 50.4 to 75.9% and organic carbon ranges from 0.3 to 1.98% (**Table C-7**).

Bulk (wet) densities range from 81.5 to 112.5 pounds per cubic foot (pcf) and dry density ranges from 34.8 to 85.4 pcf. Specific gravity ranges from 2.5 to 2.68 (**Table C-6**).

3.6 Treatability Composite Geotechnical

For the master composite sample used for treatability testing, 59.9% was silt and clay, with 38.4% sand, and 1.7% gravel, with a description of sandy silt (MH). The LL was 72 (site range 36 to 113, average 71), PL was 43 (site range 30 to 46, average 39), and the PI was 29 (site range 3 to 67, average 33). Bulk (wet) density was 90.3 pcf (site average 95 pcf) and dry density was 50.1 pcf (site average 54.3). Specific gravity was 2.61 (site average 2.61). Percent solids was 55.5% (55.4% site wide average).

Results for the master composite sample (SDT-XX-COMP-001), blended together from the three composite samples collected from Areas 1, 4, and 8, show that it is a good average representation of overall geotechnical conditions at the site when compared against recent data collected across the site.



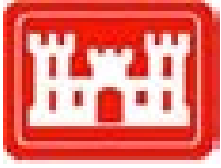
4.0 RAW SEDIMENT SPLP

A total of 5 discrete samples (composited over specific depth intervals) from 4 different areas of the site were collected and analyzed for SPLP metals and PCBs (see **Table C-8**). In addition, 4 composite samples were analyzed for SPLP metals and PCBs (one from each of three areas and the fourth being a composite of the first three). In addition, one of the samples, SDT-04-050-0002 was analyzed for total and SPLP VOCs due to the suspected presence of VOCs in this sample.

The purpose of these samples was to compare raw sediment SPLP results against state of CT GWB standards to assess potential for leaching to groundwater, to determine if sediment can be placed on-site for re-use as fill. In addition, the discrete and composite samples provide both a worst case and typical blended cases of dredged sediment.

The results show no exceedances of either metals or PCBs (individual congeners or total PCBs) of the GW B standards. Only mercury, in one sample (SDT-06-054-0004), was at the state limit of 20 µg/L.

These results show that untreated sediment meet state GW B standards for leachability to groundwater and can be placed on the site and re-used beneficially as fill material for future development needs.



5.0 WASTE CHARACTERIZATION ANALYSIS

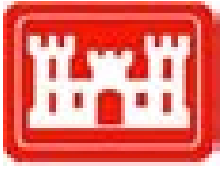
Table C-9 presents the results of waste characterization analyses and **Table C-10** presents the SPLP VOC results. Hazardous waste parameters were analyzed for the three composite samples of sediments used for treatability testing. Each of these samples were analyzed for total VOCs, PCBs, TAL metals, ignitability, corrosivity, reactivity, and TCLP VOCs and metals. In addition, these samples were also analyzed for TPH due to the suspected presence of petroleum in the samples based on odor and sheen observed. The purpose of these samples was to determine whether or not dredged material would be characterized as hazardous waste for off-site disposal purposes.

Additionally, the treatability master composite sample, blended from the three individual composites, was analyzed for PCBs, metals, and TCLP metals to verify RCRA status and concentrations of site contaminants for purposes of treatability testing.

Results show that the samples are not considered hazardous waste by any of the characteristics (ignitability, corrosivity, reactivity, and toxicity [TCLP metals and VOCs]). PCB results show low levels less than one mg/kg, verifying that the material can be placed on site and beneficially reused based on PCB concentration.

TPH concentrations present in the Area 1 composite may be a concern for on-site placement due to the result of 3,560 mg/kg slightly exceeding the state industrial/commercial direct exposure standard of 2,500 mg/kg. Additional characterization and/or development of alternative direct exposure criteria in accordance with CT RSRS 22a-133k-2 (a) may be needed to determine the applicability of placement of this limited volume of sediments on-site for beneficial re-use.

All total metals concentrations are well below applicable industrial/commercial direct exposure criteria with the exception arsenic, which ranged in concentration from approximately 5 to 8 mg/kg as compared with the standard of 10 mg/kg.



6.0 TREATABILITY SAMPLES

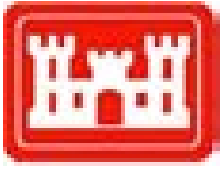
A total of 40 gallons of sediment were collected August 2-3, 2017 from areas 1, 4 and 8 of the site and placed in 5 gallon buckets. A total of 15 gallons from Area 1, 15 gallons from Area 4, and 10 gallons from Area 8 were collected. At Area 1, all samples were collected via coring to a depth of 4 ft. Recovered sediment was placed in five gallon pails. Similarly, at Area 4, 10 gallons of sediment were collected via coring to a depth of 2 feet, and an additional 5 gallons were collected using a shovel. This volume was added at the end of the field program to ensure sufficient volume was collected for the planned treatability testing. At Area 8, samples were collected via coring to a depth of 2 ft. These samples were labeled SDT-01-COMP-001, SDT-04-COMP-001, and SDT-08-COMP-001. Each of these samples were analyzed for PCB congeners, site metals, geotechnical parameters, TOC, grain size/hydrometer, SPLP PCBs and metals, hazardous waste characteristics, and percent solids. Additionally TPH was analyzed on the samples collected from Areas 1, 4, and 8 due to the suspected presence of weather fuel. **Table C-11** summarizes the results for each of these samples.

In addition, 55 gallons of surface water were collected prior to any sediment disturbance at Area 1 and placed in 5-gallon buckets. This sample was labeled SW-01-001-0001. The surface water was collected for use in generating sediment slurries to simulate dredged material to undergo various dewatering and subsequent solidification and water treatment tests.

The samples were delivered via truck to Mineral Processing Services (MPS), a treatability testing laboratory in South Portland, ME on August 6, 2017. The samples were stored in a warehouse at ambient conditions. On August 21, 2017, an Amec Foster Wheeler technician went to MPS to work with MPS staff to thoroughly composite each bucket set and subsample the well mixed composite. **Table C-1** lists the parameters analyzed. Following compositing and sampling, the entire 40 gallons of sediment was composited into a single sample, which was then also subsampled for analysis as indicated in **Tables C-1** and **C-2** (sample ID: SDT-XX-COMP-001). This fully mixed composite sample was then analyzed for various treatability tests.

A single 5-gallon bucket of this fully mixed composite was shipped to Weeks Geotechnical Laboratory at Rutgers University in Piscataway, NJ on August 23, 2017. This sample underwent solidification testing simulating the process of pneumatic flow tube mixing (PFTM) that is being evaluated as part of the remedial alternative for conveyance, solidification, and placement of processed sediments. This process is also known as "Tipping Point."

For the remainder of the treatability tests, the initial plan was to perform the testing at MPS's laboratory. However, due to scheduling issues, Amec Foster Wheeler procured a replacement lab to perform the work. Kemron of Atlanta, GA was selected to do the work. The samples were picked up from MPS in South Portland and driven to Kemron's lab in Atlanta, arriving on 6 October 2017.



7.0 KEMRON DEWATERING, SOLIDIFICATION, AND WATER TREATMENT TREATABILITY STUDY

Kemron began the treatability work on October 6, 2017. A detailed treatability report by Kemron is included in **Attachment C**. This section includes a summary of the work and relevant conclusions with respect to assumptions used in the FFS.

Treatability Testing was performed to accomplish the following:

- ▶ Characterize raw waste physical characteristics
- ▶ Determine effective polymers needed for dewatering
- ▶ Assess dewatering behavior for the following technologies
 - ▣ Gravity dewatering
 - ▣ Mechanical Dewatering
 - Belt Filter Press
 - Recessed Chamber Filter Press
 - Centrifuge
 - Hi-G screening
 - ▣ Geotube filter bag dewatering
- ▶ Assess Solidification Additives
 - ▣ Portland Cement and Calciment to be evaluated
 - ▣ Evaluate performance for gravity dewatered sediments and mechanically dewatered sediments
 - ▣ Assess performance for on-site reuse and off-site disposal options (strength and no free liquids)
- ▶ Assess water treatment technologies to meet discharge standards

Kemron outsourced polymer testing (see Appendix C to Attachment C) to determine the effectiveness of several polymers at forming floc to aid in the dewatering of sediments and performed the remainder of the tests in their laboratory. Where chemistry was required, samples were shipped to EnviroSystems, Inc. of Hampton, NH for analysis.

7.1 Dewatering Tests

Several dewatering tests were completed including gravity dewatering, mechanical dewatering (belt press, recessed chamber, and centrifugation), and Geotube dewatering. The Derrick Hi-G mechanical dewatering tests that were planned could not proceed because Derrick declined to accept material from the site based on the PCB concentrations. This portion of the treatability study was not performed. Treatability samples were then tested for the other dewatering methods.



7.1.1 Mechanical Dewatering

All three mechanical dewatering technologies produced acceptable dewatered sediment cake that passed the paint filter test. Based on initial test runs using polymer treated water (“Solve 137” by WaterSolve, an organic, cationic flocculant), the belt filter performed best, producing cake percent solids of 53%, as compared with 43% for the filter press and 42% for the centrifuge. For this reason, the belt filter was selected as a representative technology for use in the FFS as an appropriate dewatering technology. Filter cake generated from the belt press testing was analyzed for SPLP PCBs and metals and dewatering fluids were analyzed for PCBs and metals. Furthermore, this technology was used for subsequent evaluations involving water treatment and solidification testing. **Table C-12** presents the analytical results of the dewatering tests for the belt press.

However, it is important to note that additional follow-up tests were run for the recessed chamber filter press using non-polymer treated water at 100 psi and 125 psi and polymer treated water at 125 psi. The initial test was performed on polymer treated water at 100 psi. Results show that non-polymer treated water performed better, producing cake solids of approximately 66% for both pressures.

7.1.2 Geotube Dewatering

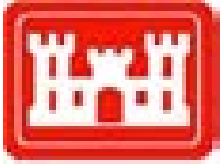
Geotube dewatering yielded a percent solids of 49%, passing paint filter after 24 hours of draining. This technology was considered as viable for further evaluation in the treatability testing and FFS. Dewatering fluids from the Geotube testing were evaluated pre- and post-filtration for metals and PCBs. Filter cake generated from the Geotube testing was analyzed for SPLP PCBs and metals and dewatering fluids were analyzed for PCBs and metals. **Table C-12** presents the analytical results of the dewatering tests for the Geotube fabric.

7.1.3 Water Treatment

Based on results of filtered and unfiltered samples from the belt press and Geotube simulations, both filtered (0.45 μ) and unfiltered results show exceedance for copper (4.8 μ g/L State Acute SB standard) for both technologies. Zinc exceeded the state criterion of 90 μ g/L at a concentration of 107 μ g/L in only the belt filter filtered sampled. In both simulations, a modest decrease in copper occurred when comparing unfiltered to filtered.

Regarding PCBs results, no exceedances were detected in fluids generated from Geotube dewatering. However, for the belt press, both the filtered and unfiltered samples exceeded the PCB criterion of 0.03 μ g/L for tri-, tetra-, and pentachlorobiphenyl, and total PCBs. The filtered samples showed a slight reduction in PCBs concentrations relative the unfiltered results.

These results suggest that both particulate filtration and carbon adsorption will be required for PCB and metals treatment for water generated from the belt press. Based on these results, additional water treatment tests were performed using dewatering fluids generated from the belt press simulations to determine if a finer filter size and carbon adsorption would further reduce PCBs and copper in water to be discharged.



Two additional series of tests were performed. The first test involved filtering the water at the 0.1 μ size. This was performed to determine if filtration alone would be sufficient.

In addition, carbon adsorption tests were performed on the 0.1 μ filtered water using four additive ratios of carbon to water (10g, 20g, 40g, and 80 g activated carbon per liter of water). A Calgon carbon product known as F-400 was selected for the treatability tests based upon its very high volume of micropores and ability to treat metallic ions (Hanzlik 2004). Each of these test runs was analyzed for PCBs and metals. The results are summarized in **Table C-13**.

Results show only copper exceeded CT SB surface water standards in the control sample (0.1 μ filtered and run through the same test procedure as filtered water mixed with carbon) and the baseline sample (filtered from belt press, but not run through control procedures). There were no exceedances for either PCBs or site metals in any of the other samples.

These results suggest that filtration at the 0.1 μ size is sufficient to remove particulate adsorbed PCBs, given that 0.45 μ filtration shows PCBs present in the filtered and unfiltered samples. Regarding copper, which was present in control samples at concentrations exceeding SB standards, carbon treated water reduced copper concentrations to undetectable levels (below SB standards). Filtration alone was not sufficient to reduce copper concentrations.

The second series of tests involved the same carbon addition rates; however, these tests were performed on unfiltered water to determine if PCBs could be treated without the additional filtration step at 0.1 μ . Metals were not analyzed for these tests. The results are summarized in **Table C-14**. There were no detections of PCBs in the carbon treated water or in the control samples, suggesting that filtration is not necessary to treat PCBs.

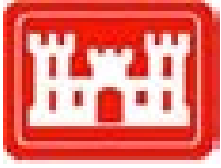
Therefore, to ensure both PCBs and copper are treated, it is recommended that water treatment include both carbon adsorption and filtration. Furthermore, a carbon product known to treat metallic ions may be effective for treatment of copper at the SAEP. Additionally, it is recommended that discussions with CT DEEP and other appropriate agencies be conducted to establish appropriate discharge criteria for discharge back to the Housatonic River, accounting for possible dilution. This may reduce the scope of treatment required.

7.2 Gravity Dewatering

For gravity dewatering, to simulate water added during mechanical dredging, approximately 15% by wet weight water was added to the sediment and mixed prior to gravity dewatering. The gravity test was run for 72 hrs at which time it was determined that the material would not pass the paint filter test. An additional test was run allowing the material to drain for 5 days. The material did not pass at 5 days. Therefore, it was concluded that the material is unlikely to drain freely in a reasonable period of time.

7.3 Solidification

To assess the potential for sediment re-use on-site and sediment solidification required for off-site disposal, a series of solidification tests were performed. Gravity dewatered sediments and filter cake from the belt press evaluations were used in these tests. Two additives were selected



for use: Portland cement and Calciment, which is a commercially available conditioning product that includes both Portland cement and lime as ingredients. It has been assumed that sediment beneficially reused onsite will likely require a minimum compressive strength; therefore, tests including the addition of Portland cement are intended to assess strength development. Solidified dewatered sediments were subjected to physical (strength) and chemical (TCLP and SPLP) testing.

7.3.1 Strength Testing

Belt press filter cakes were mixed with 3%, 6%, and 8% PC. Results after 28 days of curing showed strength development of 8.8, 108.3, and 91.3 psi, respectively, as measured using the UCS test. The results show that both the 6% and 8% mixtures will likely be sufficient for on-site beneficial re-use of sediments, given that typical specifications for strength are typically within the 25 to 100 psi for on-site use of materials, depending on the intended use, which is currently unknown.

Similarly, gravity drained sediments were tested with PC at 2%, 4%, and 5%. Results after 28 days show strength development of 5.5, 61.0, and 90.0 psi as measured using the UCS test. The results show that both the 4% and 5% mixtures will likely be sufficient for on-site use.

Although paint filter tests were not performed on the samples, solidified samples treated with PC were observed to not release any free liquids and are considered passing results.

In summary, a PC addition rate of 4% or greater will likely meet on-site reuse strength requirements. Therefore, as an assumption for this FFS given the uncertainty in the future use requirements of the site, a percentage addition rate of 6% has been selected and used for cost estimating purposes when evaluating sediments to be strengthened.

Calciment was also evaluated for off-site disposal or on-site reuse not requiring more than minimal strength. Calciment is considered generally less expensive than PC. Belt press filter cakes were mixed with 3%, 6%, and 8% Calciment. At 3%, the material does not stand up on its own and a UCS could not be performed at 8 or 28 days. For the 6% and 8% mixtures, UCS results at 28 days were 31.5 and 33.8 psi, respectively, indicating minimal strength gain, and likely acceptable for off-site disposal requirements (no free liquids).

Similarly, Calciment was added to gravity-drained sediments at ratios of 2%, 4%, and 5%. At 2%, the material does not stand up on its own and a UCS could not be performed at 8 or 28 days. In addition, the material exhibited the tendency to release free liquids, and would likely fail the paint filter. For the 4% and 5% mixtures, UCS results at 28 days were 11.5 and 18.5 psi, respectively, indicating minimal strength gain, and likely acceptable for off-site disposal requirements (no free liquids).

In summary, a minimum percentage of 4% Calciment addition is likely sufficient to condition gravity-dewatered sediments to meet paint filter requirements for off-site disposal or on-site reuse with minimal strength.



7.3.2 Leachability Testing

All solidified sediment samples were tested via the SPLP method for PCBs and site metals and via the TCLP for metals. Results are summarized in **Tables C-15** and **C-16** and show all samples passed on-site beneficial reuse criteria (**Table C-15**, SPLP results, comparison to CT pollutant mobility criteria, industrial GB criteria) and off-site RCRA characteristic testing (**Table C-16**, TCLP metals toxicity criteria). Therefore, all ratios of both additives tested would be acceptable for on-site beneficial re-use or off-site disposal. Finally, because raw sediment also passed the TCLP and SPLP standards, additives are not necessary strictly for purposed of chemical disposal criteria.



8.0 TIPPING POINT TREATABILITY STUDY

Tipping Point Resources Group, LLC has developed a proprietary mixing technology known as pneumatic flow tube mixing (PFTM) to provide an innovative technique for conveying, mixing, and placing on land solidified dredged sediments. Sediments are dredged mechanically and placed in a hopper. The material is then fed into a pneumatic conveyance pipeline and conveyed via the injection of air. The sediments moves in “plugs” with air between the plugs reducing friction, allowing efficient movement of the material. Portland cement (or other additives) can be introduced into the flow to produce a processed sediment that can be placed directly on land or into transport containers such as hopper barges. The cement is introduced as a slurry and is well mixed due to the turbulence caused by the pneumatic pumping.

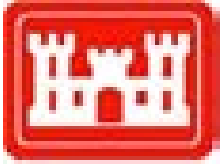
This process has been used extensively in Japan to create entire new islands of high strength material for development purposes. Its use in the U.S. has been limited but is currently in the permitting process (e.g., New Haven terminal).

TPRG using a specific proprietary mixing process in bench-scale tests to assess the potential applicability of the technology and its effectiveness. The process could potentially be used to mechanical dredge sediments, convey them and simultaneously mix Portland cement into the sediments, and then place treated sediments on land as fill for beneficial reuse by the future developer.

A five-gallon bucket of sediment (an aliquot of sample SDT-XX-COMP-01) was sent to Rutgers and the material was initially characterized for physical properties (Attachment D). A range of Portland cement addition rates was then used to test the TPRG process. Cement addition rates of 6%, 8%, 12%, and 14% were tested. The purpose of these varying percentages was to develop a strength curve over a wide range of percentages given the concern over the required strength (as measured by unconfined compressive strength [UCS]) for future development activities. Results are presented in **Attachment D**.

In summary, results show excellent strength development even at the lowest cement addition ratio. The UCS results ranged from 81 to 170 psi after 28 days of curing, which is the same curing time used for the solidified samples developed by Kemron to simulate “traditional” solidification techniques. This compares favorably to typical strengths required of in situ stabilized soils or sediments that range anywhere from 25 to 100 psi as measured using the UCS test. However, even though the ultimate future use of the site is unknown, these results show that site sediments can be adequately strengthened.

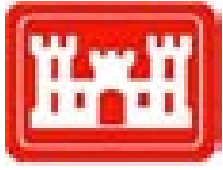
To determine the leachability characteristics, both SPLP PCBs and site metals and TCLP metals were analyzed for each of the mixtures following 28 days of curing. The results were compared to state GWB leachability criteria (as measured by the SPLP) and RCRA toxicity characteristics values for metals. The results are presented in **Table C-17** for TCLP and **Table C-18** for SPLP and show acceptable leachability of the treated material, confirming that the material is suitable for on-site reuse as fill material or off-site disposal as non-RCRA waste at all of the tested percentages. The SPLP results were compared against CT RSRs Pollutant Mobility Criteria, which specify numerical concentration criteria as measured by the SPLP test for soils placed on land. The numerical values are less stringent (in general) for industrial zoned areas (GWB) such



United States Army Corps of Engineers, New England District
Stratford Army Engine Plant, Stratford, CT
Treatability Testing Summary Report

as the Site (see <https://eregulations.ct.gov/eRegsPortal/Browse/RCSA/%7BEAD3787B-7651-4803-8239-CCD2B569E8A0%7D>).

In addition, the UCS results also show that acceptable results (71 psi) can be achieved at 6% Portland cement addition, and that therefore, a possibly lower percentage of Portland cement may be sufficient for future site use. Additional assessment of this percentage would need to be done during the design phase.



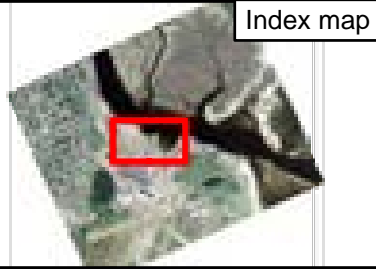
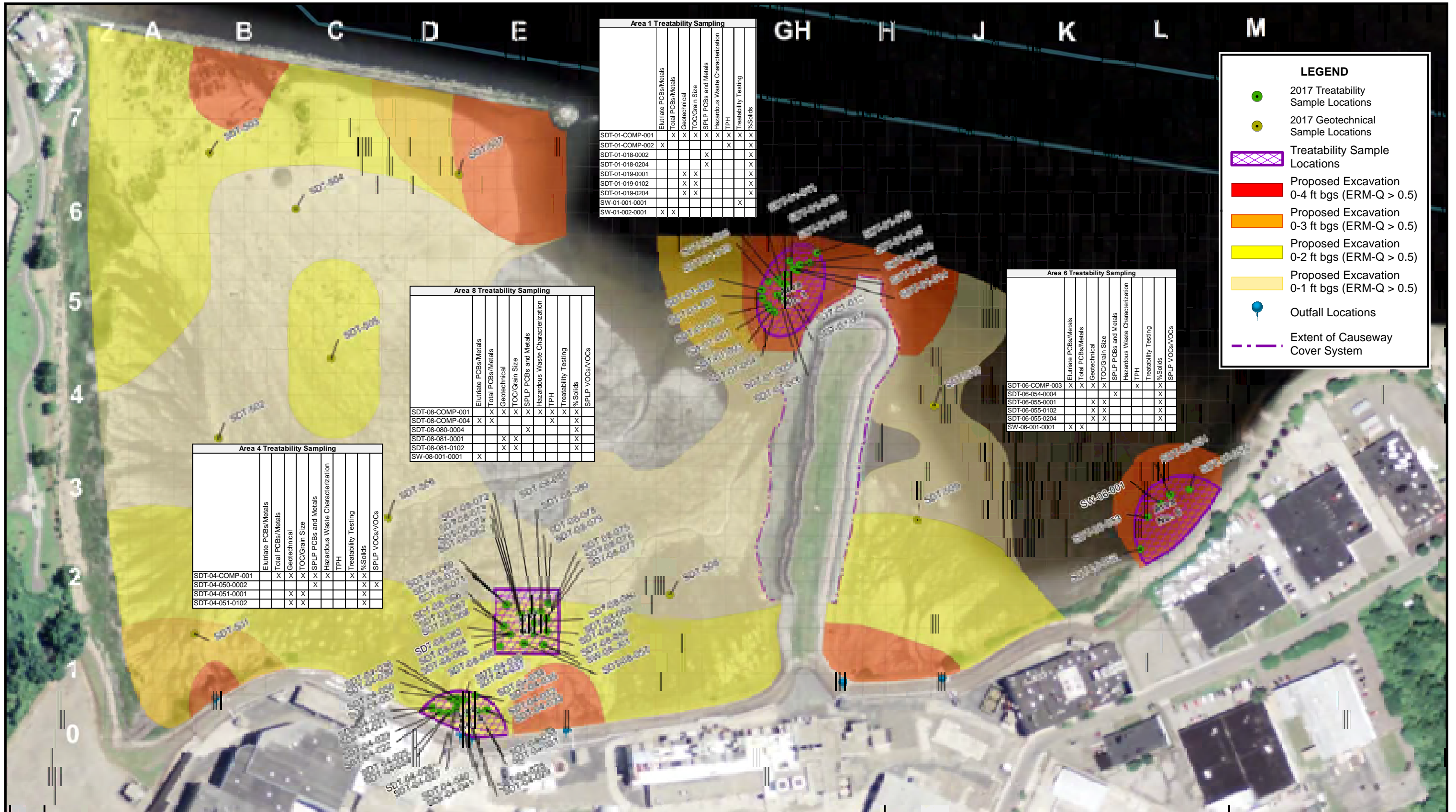
United States Army Corps of Engineers, New England District
Stratford Army Engine Plant, Stratford, CT
Treatability Testing Summary Report

9.0 REFERENCES

Hanzlik 2004. P. Hanzlik, J. Jehlicka, Z. Weishauptova, and O. Sebek, Adsorption of Copper, Cadmium, and Silver from Aqueous Solutions onto Natural Carbonaceous Materials, *Plant, Soil, and Environment*, 50, 2004 (6): 257-264.

USACE 2003. Evaluation of Dredged Material Proposed for Disposal at Island, Nearshore, or Upland Confined Disposal Facilities – Testing Manual. ERDC/EL TR-03-1. January 2003.

FIGURES



2014 Aerial Imagery
USDA National Agriculture
Imagery Program

0 100 200 Feet

Prepared/Date: BRP 07/18/17 Checked/Date: TD 07/18/17

Figure C-1
Locations of 2017 Treatability and Geotechnical Samples
Tidal Flats

Stratford Army Engine Plant
Stratford, Connecticut

TABLES

**TABLE C-1
Sediment Treatability Sample Matrix
Draft Focused Feasibility Study
Stratford Army Engine Plan**

Area	Proposed Location ID	Proposed Sample ID	Discrete/Composite	Number of Cores to Composite	Core Number	Depth Interval (ft)	Notes	Number of Samples Per Analysis							Rationale for Selection of Sampling Location			
								Treatability ²	Off-Site Waste Disposal ⁷	PCBs/ Metals/Hg	Elutriate ⁴	% Solids	SPLP ³	Geo-technical ⁵	Elevated PCB Conc.	Elevated Metals Conc.	Elevated Hg Conc.	Representative Area/Hydrodynamic Conditions
01	SDT-01-001 through SDT-01-015	SDT01COMP001	Treatability Composite ¹	15	1 through 15	0-4	15 gal of 45 gal total. Surface water to be collected. See Note 7.		1					1	X	X	X	West side of Causeway; deeper water
	SDT-01-016,017	SDT01COMP002	Composite	2	16 and 17	0-4	3-gallon sediment volume needed, 10 gal SW needed			1	1							
	SDT-01-018	SDT010180002	Discrete	NA	18	0-2					1	1						
		SDT010180204	Discrete	NA		2-4					1	1						
	SDT-01-019	SDT010190001	Discrete	NA	19	0-1							1					
SDT010190102		Discrete	NA	1-2								1						
SDT010190204		Discrete	NA	2-4								1						
04	SDT-04-020 through SDT-04-041	SDT04COMP001	Treatability Composite ¹	30	20-41	0-2	10 gal of 45 gal total		1	1			1	X	X		Near outfalls; shallow water	
	SDT-04-050	SDT040500002	Discrete	NA	50	0-2				1	1							
	SDT-04-051	SDT040510001	Discrete	NA	51	0-1							1					
		SDT040510102	Discrete	NA		1-2							1					
06	SDT-06-052,053	SDT06COMP003	Composite	2	52-53	0-4	3-gallon sediment volume needed, 10 gal SW needed			1	1		1		X		East side of Causeway; shallow water	
	SDT-06-054	SDT060540004	Discrete	NA	54	0-4				1	1							
	SDT-06-055	SDT060550001	Discrete	NA	55	0-1							1					
		SDT060550102	Discrete	NA		1-2							1					
		SDT060550204	Discrete	NA		2-4							1					
08	SDT-08-056 through SDT-08-075	SDT08COMP001	Treatability Composite ¹	20	56-75	0-2	10 gal of 45 gal total		1				1	X	X		Near outfalls; shallow water	
	SDT-08-076 through SDT-08-079	SDT08COMP004	Composite	4	76-79	0-2	3-gallon sediment volume needed, 10 gal SW needed			1	1							
	SDT-08-80	SDT080800004	Discrete	NA	80	0-2				1	1							
	SDT-08-081	SDT080810001	Discrete	NA	81	0-1							1					
		SDT080810102	Discrete	NA		1-2							1					
01, 04, 08	SDT-06-044 thru SDT-06-049	SDT-XX-COMP-001	Treatability Composite ¹	40 gallons	NA	NA	Composite Area 1, Area 4, and Area 8 into one composite	1	1	1		1	1	X	X	X	All the Above	
Total Samples:								1	4	5	3	6	5	15				

- Notes:**
Refer to Figure 4-3 for treatability testing areas 1, 4, 6, and 8.
- All treatability cores were composited together initially for each area and then together to create a single sample volume of 40 gallons to be submitted for treatability analyses and off-site waste disposal characterization parameters. Prior to combining cores from different areas, samples from each area's subcomposite were collected for geotechnical and waste characterization analysis to assess variability across the site. Five gallons of sediment were collected at Area 4 in addition to the 10 gallons collected via coring.
 - Analyses specified in text and FSP. Analytical procedures are specified in the project QAPP.
 - Synthetic Precipitation Leaching Procedure parameters include PCBs (homologs) and metals (arsenic (As), cadmium (Cd), chromium (Cr), copper (Cu), lead (Pb), nickel (Ni), silver (Ag), zinc (Zn), mercury (Hg) only)
 - Elutriate analysis is aqueous and includes PCBs (Homologs) and metals (As, Cd, Cr, Cu, Pb, Ni, Ag, Zn, Hg only). In addition, analysis was performed on sediment and surface water pre-elutriate prep.
 - Geotechnical parameters include Atterberg limits, TOC, grain size, percent solids/moisture content, water content, bulk and dry density, specific gravity of solids.
 - 55 gallons of surface water collected at this location prior to coring, to be used for performing bench tests. Expressed water from dewatering tests used for water treatment tests.
 - Off-site waste parameters include total PCBs, TAL metals, ignitability, corrosivity, reactivity, total petroleum hydrocarbons, VOCs and TCLP metals. Four analyses run vs. one in the FSP.
 - Total petroleum hydrocarbons were added to SDT-01-COMP-001, SDT-06-COMP-003, SDT-08-COMP-001, and SDT-08-COMP-001 due to the suspected presence of fuel related contamination based on visual and olfactory evidence. In addition, SPLP VOCs and total VOCs were added to sample SDT-04-050-0002 based upon olfactory evidence.

**TABLE C-2
Treatability Study Sampling
Stratford Army Engine Plant**

Sample Name	Date Sampled	Matrix	Elutriate PCBs/Metals		Total PCBs/Metals		Geotechnical		TOC/Grain Size		SPLP PCBs and Metals		Hazardous Waste Characterization		TPH		Treatability Testing		%Solids		SPLP VOCs/VOCs	
SDT-01-COMP-001	8/22/2017	SED		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SDT-01-COMP-002	8/3/2017	SED	X												X						X	
SDT-01-018-0002	8/3/2017	SED									X										X	
SDT-01-018-0204	8/3/2017	SED									X										X	
SDT-01-019-0001	8/3/2017	SED					X	X													X	
SDT-01-019-0102	8/3/2017	SED					X	X													X	
SDT-01-019-0204	8/3/2017	SED					X	X													X	
SDT-04-COMP-001	8/22/2017	SED		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SDT-04-050-0002	8/3/2017	SED									X										X	X
SDT-04-051-0001	8/3/2017	SED					X	X													X	
SDT-04-051-0102	8/3/2017	SED					X	X													X	
SDT-06-COMP-003	8/4/2017	SED	X	X	X	X									X						X	
SDT-06-054-0004	8/4/2017	SED									X										X	
SDT-06-055-0001	8/4/2017	SED					X	X													X	
SDT-06-055-0102	8/4/2017	SED					X	X													X	
SDT-06-055-0204	8/4/2017	SED					X	X													X	
SDT-08-COMP-001	8/22/2017	SED		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SDT-08-COMP-004	8/3/2017	SED	X	X											X						X	
SDT-08-080-0004	8/3/2017	SED									X										X	
SDT-08-081-0001	8/3/2017	SED					X	X													X	
SDT-08-081-0102	8/3/2017	SED					X	X													X	
SDT-XX-COMP-001	8/22/2017	SED		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SDT-501-0003	10/19/2017	SED					X	X													X	
SDT-502-0001	10/19/2017	SED					X	X													X	
SDT-503-0002	10/19/2017	SED					X	X													X	
SDT-504-0001	10/19/2017	SED					X	X													X	
SDT-505-0002	10/19/2017	SED					X	X													X	
SDT-506-0001	10/19/2017	SED					X	X													X	
SDT-507-0004	10/19/2017	SED					X	X													X	
SDT-508-0001	10/19/2017	SED					X	X													X	
SDT-509-0002	10/19/2017	SED					X	X													X	
SDT-510-0001	10/19/2017	SED					X	X													X	
SW-08-001-0001	8/3/2017	SW	X	X																		
SW-06-001-0001	8/2/2017	SW	X	X																		
SW-01-001-0001	8/2/2017	SW																			X	
SW-01-002-0001	8/2/2017	SW	X	X																		

Notes:

1. Hazardous waste parameters include TCLP metals, ignitability, corrosivity, reactivity, TAL metals, PCBs.
2. Geotechnical parameters include moisture content, bulk and dry density, specific gravity, and atterberg limits
3. Elutriate analysis is the modified elutriate. Analysis include total site metals and PCBs, filtered metals, and PCBs centrate.
4. Grain size includes hydrometer analysis.
5. Treatability testing is described in the text of Appendix A and in the report from Kemron in Attachment B.
6. TPH and SPLP/Total VOCs were run on selected samples based on the presence of odors detected during sampling and lab preparations.
7. SDT-XX-COMP-001 was composited from 3 samples (SDT-01-COMP-001, SDT-04-COMP-001, and SDT-08-COMP-001) to create a single composite (45 gallons) for treatability testing.

TCLP = Toxicity Characteristic Leaching Procedure
TAL = Target Analyte List
PCB = polychlorinated biphenyls
TPH = total petroleum hydrocarbons
SPLP = synthetic precipitation leaching procedure

TABLE C-3
Preliminary - Comparison of Elutriate Results to Connecticut Surface Water Standards
Modified Elutriate Analyses - AREA 1
Stratford Army Engine Plant

AREA 1																					
Method Group	Parameter	Units	State Chronic SB	SDT-01-COMP-002												SW-01-002-0001		SDT-01-COMP-002			
				Matrix: ELT 8/11/2017												Matrix: WATER		Matrix: SED			
				Elutriate Dissolved						Elutriate						8/2/2017		8/11/2017			
				Rep 1		Rep 2		Rep 3		Rep 1		Rep 2		Rep 3		RESULT	QUAL	RESULT	QUAL	RESULT	QUAL
		RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL		
Metals	Arsenic, total	ug/L	36	2		1.9		1.9		2.3		2.2		2.3		1.4		10500			
	Cadmium, total		8.8	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	5570			
	Chromium, total		50	1.5		1.4		1.5		8		7.9		8		1	U	722000			
	Copper, total		3.1	0.6		0.5	U	0.5	U	13		12.8		13.3		3.3		1230000			
	Lead, total		8.1	0.2	U	0.2	U	0.2	U	1.6		1.6		1.6		0.4		144000	J5		
	Mercury, total		0.94	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	1330			
	Nickel, total		8.2	7.6		7.2		7.3		8.2		8.3		8.4		1	U	135000	J5		
	Silver, total		1.9*	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	13500			
	Zinc, total		81	7.9		3.9		7.1		7.8		7.4		7.5		5.9		622000			
	Petroleum Hydrocarbons		--	500	U	500	U	840	O	500	U	500	U	500	U	500	U	--	--	--	--
	PCBs		chlorobiphenyl	ug/L	0.03	0.003	U	0.003	U	0.003	U	0.0032	U	0.0032	U	0.0032	U	0.003	U	7.6	U
decachlorobiphenyl		0.03	0.001		U	0.001		0.006		0.0011	U	0.0011	U	0.0011	U	0.001	U	5.0			
dichlorobiphenyl		0.03	0.005		U	0.001		0.001	U	0.019		0.014		0.014		0.014	U	95			
heptachlorobiphenyl		0.03	0.008		U	0.01		0.003	U	0.025		0.023		0.037		0.028	U	610			
hexachlorobiphenyl		0.03	0.009		U	0.001	U	0.04		0.038		0.04		0.055		0.048	U	790			
nonachlorobiphenyl		0.03	0.003		U	0.012		0.008		0.0035		0.0032	U	0.0052		0.003	U	61			
octachlorobiphenyl		0.03	0.005		U	0.046		0.003	U	0.0061		0.01		0.011		0.014	U	230			
pentachlorobiphenyl		0.03	0.025			0.04		0.18		0.12		0.12		0.15		0.053	U	1800			
tetrachlorobiphenyl		0.03	0.094			0.01		0.044		0.51		0.41		0.48		0.048	U	6400			
trichlorobiphenyl		0.03	0.026			0.014		0.011		0.2		0.19		0.2		0.028	U	2100			
Total PCBs		0.03	0.15			0.14		0.299		0.92		0.82		0.95		0.11	U	12000			
Solids	Total Solids	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	%	46.1		
	Silt	SDT-01-019-0001														8/3/2017	%	55.0			
	Clay	SDT-01-019-0102															%	22.6			
	Silt	SDT-01-019-0102															%	64.9			
	Clay	SDT-01-019-0102															%	19.0			
	Silt	SDT-01-019-0204															%	78.1			
	Clay	SDT-01-019-0204															%	16.7			
	Silt and Clay	SDT-01-COMP-001															8/22/2017	%	58.9		

Notes:

Samples Analyzed by EnviroSystems, Inc. Report Number 29543

Indicates exceedance of State Chronic SB

* = State Acute SB

ug/L = micrograms per liter

ug/kg (dry wt) = micrograms per kilogram (dry weight), 1000 Kg Water = 1 Liter

U = Undetected

O = Estimated, chromatogram was not typical of commercial petroleum products. Value reported may be considered a maximum.

J5 = MS %R below limit

State Chronic SB = State of CT Water Quality Criteria for Aquatic Life, Saltwater Chronic Values, Class SB

Percent Solids Method: 160.3 EPA 600/4/79/020

Water Matrix Metals Method: EPA 200.8 or 245.7

SED Metals Method: SW846 3rd Ed. 6020 or EPA 245.7

PCBs = polychlorinated biphenyls

PCB in Water Method: 846 8082/EPA 680 Modified; PCB in SED Method: EPA 8270 SIM modified

TABLE C-4
Preliminary - Comparison of Elutriate Results to Connecticut Surface Water Standards
Modified Elutriate Analyses - AREA 6
Stratford Army Engine Plant

AREA 6																				
Method Group	Parameter	Units	State Chronic SB	SDT-06-COMP-003 Matrix: ELT 8/11/2017												SW-06-001-0001 Matrix: WATER 8/2/2017		Units	SDT-06-COMP-003 Matrix: SED 8/11/2017	
				Elutriate Dissolved						Elutriate						RESULT	QUAL		RESULT	QUAL
				Rep 1		Rep 2		Rep 3		Rep 1		Rep 2		Rep 3						
				RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL					
Metals	Arsenic, total	ug/L	36	4		4.1		4.2		4.7		4.8		4.7		1.5		9670		
	Cadmium, total		8.8	0.2	U	0.2	U	0.2	U	0.2		0.3		0.3		0.2	U	5530		
	Chromium, total		50	2.2		2.2		2.2		44.3		47.2		45.3		2.1		1050000		
	Copper, total		3.1	0.5		0.5	U	0.5	U	34.4		37.1		35.2		5.2		1140000		
	Lead, total		8.1	0.2	U	0.2	U	0.2	U	3.2		3.4		3.2		1.3		124000		
	Mercury, total		0.94	0.01	U	0.01	U	0.01	U	0.011		0.009	J	0.009	J	0.01	U	1490		
	Nickel, total		8.2	12.2		12.1		12.5		15.4		15.5		15.5		2.2		90000		
	Silver, total		1.9*	0.2	U	0.2	U	0.2	U	0.3		0.4		0.3		0.2	U	9980		
	Zinc, total		81	7.2		19.7		3.6		15.8		16.4		16.7		8.2		653000		
	Petroleum Hydrocarbons		--	1700	O	540	O,J17	2100	O	500	U	500	U	500	U	--	--	--	--	
	PCBs		chlorobiphenyl	ug/L	0.03	0.0033	U	0.0033	U	0.0033	U	0.0032	U	0.0032	U	0.0032	U	0.004	U	0.1
decachlorobiphenyl		0.03	0.0011		U	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.001	U	0.05	U	
dichlorobiphenyl		0.03	0.0079		U	0.0078	U	0.0078	U	0.0077	U	0.0077	U	0.0077	U	0.014	U	0.36	U	
heptachlorobiphenyl		0.03	0.013		U	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U	0.028	U	2.5		
hexachlorobiphenyl		0.03	0.014		U	0.014	U	0.014	U	0.014	U	0.013	U	0.014	U	0.049	U	4.2		
nonachlorobiphenyl		0.03	0.0033		U	0.0033	U	0.0033	U	0.0032	U	0.0032	U	0.0032	U	0.004	U	0.1	U	
octachlorobiphenyl		0.03	0.0053		U	0.0052	U	0.0052	U	0.0052	U	0.0051	U	0.0052	U	0.014	U	1.7		
pentachlorobiphenyl		0.03	0.015		U	0.015	U	0.015	U	0.021		0.018		0.019		0.054	U	7		
tetrachlorobiphenyl		0.03	0.014		U	0.0079		0.015		0.046		0.046		0.04		0.049	U	15		
trichlorobiphenyl		0.03	0.0079		U	0.0029		0.0045		0.016		0.015		0.013		0.028	U	5.2		
Total PCBs		0.03	0.11		U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.12	U	36		
Carbon	Organic Carbon Rep 1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.7	J5	
	Organic Carbon Rep 2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.6		
Solids	Solids	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	52.2		
	Silt	SDT-06-055-0001												8/4/2017	%	29.1				
	Clay	SDT-06-055-0102													%	7.5				
	Silt	SDT-06-055-0102													%	57.0				
	Clay	SDT-06-055-0102													%	19.7				
	Silt	SDT-06-055-0204													%	67.7				
	Clay	SDT-06-055-0204													%	27.8				

Notes:

Indicates exceedance of State Chronic SB

* = State Acute SB

Samples Analyzed by EnviroSystems, Inc. Report Number 29543

ug/L = micrograms per liter

ug/kg (dry wt) = micrograms per kilogram (dry weight), 1000 Kg Water = 1 Liter

U = Undetected

J = Sample value greater than limit of detection but less than limit of quantitation

O = Estimated, chromatogram was not typical of commercial petroleum products. Value reported may be considered a maximum.

J5 = MS %R below limit

J17 = SUR %R below limit

State Chronic SB = State of CT Water Quality Criteria for Aquatic Life, Saltwater Chronic Values, Class SB

Percent Solids Method: 160.3 EPA 600/4/79/020

Organic Carbon Rep 1 & 2 Method: SW846 9060

Water Matrix Metals Method: EPA 200.8 or 245.7

SED Metals Method: SW846 3rd Ed. 6020 or EPA 245.7

PCBs = polychlorinated biphenyls

PCB in Water Method: 846 8082/EPA 680 Modified; PCB in SED Method: EPA 8270 SIM modified

TABLE C-5
Preliminary - Comparison of Elutriate Results to Connecticut Surface Water Standards
Modified Elutriate Analyses - AREA 8
Stratford Army Engine Plant

AREA 8																				
Method Group	Parameter	Units	State Chronic SB	SDT-08-COMP-004 Matrix: ELT 8/3/2017												SW-08-001-0001 Matrix: WATER 8/3/2017		Units	SDT-08-COMP-004 Matrix: SED 8/3/2017	
				Elutriate Dissolved						Elutriate						RESULT	QUAL		RESULT	QUAL
				Rep 1		Rep 2		Rep 3		Rep 1		Rep 2		Rep 3						
				RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL					
Metals	Arsenic, total	ug/L	36	7.3		7.6		7.3		8.4		8.3		8.4		1.9		4410		
	Cadmium, total		8.8	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	240		
	Chromium, total		50	1	U	1	U	1	U	2.1		2		1.8		9.3		26400		
	Copper, total		3.1	0.5	U	0.5	U	0.5	U	3.4		3.3		3.2		18.8		20600		
	Lead, total		8.1	0.2	U	0.2		0.2	U	1.1		1.1		1.1		4.7		8530		
	Mercury, total		0.94	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.014		36	R1	
	Nickel, total		8.2	1	U	1	U	1	U	1		1	U	1	U	4.4		19600		
	Silver, total		1.9*	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	460		
	Zinc, total		81	13.4		12.7		10.1		7.6		7.2		7.3		16.6		60900		
	Petroleum Hydrocarbons		--	500	U	500	U	500	U	500	U	500	U	500	U	--	--	--	--	
PCBs	chlorobiphenyl	ug/L	0.03	0.0032	U	0.0032	U	0.0033	U	0.0034	U	0.0033	U	0.0033	U	0.0033	U	0.1	U	
	decachlorobiphenyl		0.03	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.001	U	0.05	U	
	dichlorobiphenyl		0.03	0.0077	U	0.0077	U	0.0078	U	0.0081	U	0.008	U	0.0078	U	0.0079	U	0.36	U	
	heptachlorobiphenyl		0.03	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U	3.8		
	hexachlorobiphenyl		0.03	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	4.9		
	nonachlorobiphenyl		0.03	0.0032	U	0.0032	U	0.0033	U	0.0034	U	0.0033	U	0.0033	U	0.0033	U	0.1	U	
	octachlorobiphenyl		0.03	0.0052	U	0.0052	U	0.0052	U	0.0054	U	0.0053	U	0.0052	U	0.0053	U	1.7		
	pentachlorobiphenyl		0.03	0.014		0.0025	U	0.0025	U	0.016	U	0.015	U	0.015	U	0.003	U	8		
	tetrachlorobiphenyl		0.03	0.029		0.012		0.011		0.018		0.033		0.033		0.0023	U	17		
	trichlorobiphenyl		0.03	0.0077	U	0.0077	U	0.0078	U	0.0081	U	0.008	U	0.0081	U	0.0079	U	5.3		
	Total PCBs		0.03	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	41		
Solids	Solids	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	%	56.3	
	Silt	SDT-08-081-0001														8/3/2017	%	59.9		
	Clay	SDT-08-081-0001															%	21.8		
	Silt	SDT-08-081-0102															%	71.2		
	Clay	SDT-08-081-0102															%	17.6		
	Silt and Clay	SDT-08-COMP-001															%	65.0		
Silt and Clay	SDT-08-COMP-001														%		65.0			

Notes:

Indicates exceedance of State Chronic SB

* = State Acute SB

Samples Analyzed by EnviroSystems, Inc. Report Number 29543

ug/L = micrograms per liter

ug/kg (dry wt) = micrograms per kilogram (dry weight), 1000 Kg Water = 1 Liter

U = Undetected

R1 = Sample over recommended holding time.

State Chronic SB = State of CT Water Quality Criteria for Aquatic Life, Saltwater Chronic Values, Class SB

GW GB = CT Groundwater Quality Class GB Protection Standards

Percent Solids Method: 160.3 EPA 600/4/79/020

Water Matrix Metals Method: EPA 200.8 or 245.7

SED Metals Method: SW846 3rd Ed. 6020 or EPA 245.7

PCBs = polychlorinated biphenyls

PCB in Water Method: 846 8082/EPA 680 Modified

PCB in SED Method: EPA 8270 SIM modified

TABLE C-6
Preliminary - Summary of Geotechnical Laboratory Testing Data
Stratford Army Engine Plant

Lab SDG	Lab Sample ID	Date Collected	Sample Name	D 2487 / D 2488		D 2216	D 7263	D 7263	D 854	D 422				D 4318			
				United Soil Classification System Description	USCS Symbol	Moisture Content (%)	Total Unit Weight (Yt) (pcf)	Dry Unit Weight (Yd) (pcf)	Specific Gravity	Particle-Size Analysis				Atterberg Limits			
										Gravel (%)	Sand (%)	Silt (%)	Clay (%)	LL Wet Prep.	PL	PI	LI
29543	013	8/4/2017	SDT-06-COMP-003	Dark gray silt with sand	MH	120.8	82.3	37.3	-	0.0	21.8	61.2	17.0	90	42	48	1.6
	014			Black silt	-	-	-	-	2.60	-	-	-	-	-	-	-	-
	026	8/3/2017	SDT-01-019-0001	Dark gray silt with sand	MH	124.1	85.9	38.3	-	0.6	21.8	55.0	22.6	83	41	42	2.0
	027			Black silt	-	-	-	-	2.56	-	-	-	-	-	-	-	-
	028		SDT-01-019-0102	Dark gray silt with sand	MH	134.2	81.5	34.8	-	0.0	16.1	64.9	19.0	105	43	62	1.5
	029			Black silt	-	-	-	-	2.55	-	-	-	-	-	-	-	-
	030		SDT-01-019-0204	Dark gray silt	MH	125.9	84.2	37.3	-	0.0	5.2	78.1	16.7	113	46	67	1.2
	031			Black silt	-	-	-	-	2.50	-	-	-	-	-	-	-	-
	032		SDT-04-051-0001	Brown silt with sand	MH	75.2	94.7	54.1	-	0.0	29.5	56.0	14.5	54	35	19	2.1
	033			Dark gray silt	-	-	-	-	2.63	-	-	-	-	-	-	-	-
	034		SDT-04-051-0102	Brown silt	MH	83.4	92.2	50.3	-	0.0	9.7	71.7	18.6	90	48	42	0.8
	035			Dark gray sandy silt	-	-	-	-	2.61	-	-	-	-	-	-	-	-
	036	8/4/2017	SDT-06-055-0001	Dark gray silty fine to medium sand / sandy silt	SM/ML	48.0	106.3	71.9	-	0.6	62.8	29.1	7.5	42	30	12	1.5
	037			Dark gray sandy silt	-	-	-	-	2.62	-	-	-	-	-	-	-	-
	038		SDT-06-055-0102	Dark gray clay with sand	CH	76.5	93.8	53.1	-	0.0	23.3	57.0	19.7	71	31	40	1.1
	039			Black silt	-	-	-	-	2.61	-	-	-	-	-	-	-	-
	040		SDT-06-055-0204	Brown silt	MH	115.7	86.0	39.9	-	0.0	4.5	67.7	27.8	102	45	57	1.2
	041			Black silt	-	-	-	-	2.52	-	-	-	-	-	-	-	-
042	8/3/2017	SDT-08-081-0001	Brown silt with sand	MH	79.0	93.7	52.3	-	0.0	18.3	59.9	21.8	64	34	30	1.5	
043			Dark gray silt	-	-	-	-	2.63	-	-	-	-	-	-	-	-	
044		SDT-08-081-0102	Brown silt	MH	77.1	91.1	51.5	-	0.0	11.2	71.2	17.6	72	43	29	1.2	
045			Dark gray sandy silt	-	-	-	-	2.63	-	-	-	-	-	-	-	-	
29607	011	8/22/2017	SDT-01-COMP-001	Wet, very dark gray sandy silt	MH	88.24	88.5	47.0	-	0.0	35.3	46.7	18.0	73	36	37	1.4
	014			Moist, very dark gray silt	-	-	-	-	2.58	-	-	-	-	-	-	-	-
	012		SDT-04-COMP-001	wet, dark brown silt with sand	MH	75.65	95.5	54.4	-	0.0	31.9	50.6	17.5	70	39	31	1.2
	015			Moist, grayish brown silt	-	-	-	-	2.61	-	-	-	-	-	-	-	-
	013		SDT-08-COMP-001	Moist, brown sandy silt	MH	66.42	97.6	58.7	-	0.0	24.2	58.8	17.0	68	39	29	0.9
	016			Moist, brown silt	-	-	-	-	2.62	-	-	-	-	-	-	-	-
017	SDT-XX-COMP-001	wet, dark brown sandy silt	MH	80.32	90.3	50.1	-	0.0	33.1	46.9	20.0	72	43	29	1.3		
018		Moist, grayish brown silt	-	-	-	-	2.61	-	-	-	-	-	-	-	-		
29882	001	10/19/2017	SDT-501-0003	Dark gray silt with sand	MH	98.4	92.6	46.7	2.62	0.0	16.5	66	18	82	41	41	1.4
	002		SDT-502-0001	Dark gray silt with sand	MH	89.5	92.0	48.6	2.62	0.0	23.1	57	20	78	39	39	1.3
	003		SDT-503-0002	Dark gray sandy silt	MH	72.8	96.7	56.0	2.67	0.0	38.4	47	15	60	33	27	1.5
	004		SDT-504-0001	Dark gray sandy silt	MH	61.8	100.8	62.3	2.64	0.0	43.3	44	13	51	35	16	1.7
	005		SDT-505-0002	Dark gray silt with sand	MH	59.9	101.4	63.4	2.63	0.0	28.6	58	13	54	36	18	1.3
	006		SDT-506-0001	Dark gray silt with sand	MH	71.0	96.4	56.4	2.65	0.0	26.1	60	14	64	37	27	1.3
	007		SDT-507-0004	Dark gray silty sand	SM	31.8	112.5	85.4	2.63	6.7	71.9	17	4	Non-Plastic			
	008		SDT-508-0001	Dark gray silt with sand	MH	66.3	101.8	61.2	2.64	1.2	29.5	58	11	59	39	20	1.4
	009		SDT-509-0002	Dark gray silt with sand	MH	53.9	104.8	68.1	2.68	0.0	25.7	62	12	55	39	16	0.9
	010		SDT-510-0001	Dark gray silty sand / sandy silt	SM/ML	40.4	111.6	79.5	2.68	1.2	53.0	40	6	36	33	3	2.5

Note: For samples collected on 8/22/17 and 10/19/17, results are incomplete. Hydrometer results have not yet been provided by the laboratory.

Samples were analyzed by GeoTesting: Projects 29543, 29607, and 29882

Clay and Silt results were interpolated from lab data. ASTM clay size particles are 0.005 mm or smaller and silt sized particles are 0.075 mm to 0.005 mm.

pcf = pounds per cubic foot

LL = liquid Limit; PL = plastic limit; PI = plasticity index; LI = liquidity index

USCS = United Soil Classification System; MH = silt of high plasticity; elastic silt; CH = clay of high plasticity; fat clay; SM = silty sand; ML = silt.

TABLE C-7
Preliminary - Summary of Percent Solids and Organic Carbon
Discrete and Composite Sediment Samples
Stratford Army Engine Plant

Media	Lab SDG	Sample Name	Sample Date	Percent Solids (%)		Organic Carbon Rep 1 (%)		Organic Carbon Rep 2 (%)	
				RESULT	QUAL	RESULT	QUAL	RESULT	QUAL
SED	29543	SDT-01-018-0002	8/3/2017	49.4		NA		NA	
		SDT-01-018-0204		45.3		NA		NA	
		SDT-01-019-0001		43.1		1.9		1.7	J2,J4
		SDT-01-019-0102		45.9		3.5		3.5	J2,J4
		SDT-01-019-0204		41.9		2		2	J2,J4
		SDT-01-COMP-002		46.1		NA		NA	
		SDT-04-050-0002		54.3		NA		NA	
		SDT-04-051-0001		56.2		2.0		2.3	J2,J4
		SDT-04-051-0102	52.3		2.3		2.3	J2,J4	
		SDT-06-054-0004	46.8	8/4/2017	NA		NA		
		SDT-06-055-0001	65.6		1.4		1.3	J2,J4	
		SDT-06-055-0102	53.5		2.5		2.3	J2,J4	
		SDT-06-055-0204	46.5		3.7	J5	3.7	J5,J8	
		SDT-06-COMP-003	52.2	8/4/2017	2.7	J5	2.6	J5,J2,J4	
		SDT-08-080-0002	54.4	8/3/2017	NA		NA		
		SDT-08-081-0001	52.4		2		2.4		
SDT-08-081-0102	58.3	1.7			1.7				
SDT-08-COMP-004	56.3	NA			NA				
SED	29882	SDT-501-0003	10/19/2017	50.4		1.93	J5,J7	1.68	J5,J7
		SDT-502-0001		52.8		1.98		1.59	
		SDT-503-0002		57.9		1.68		1.6	
		SDT-504-0001		61.8		1.33		0.78	
		SDT-505-0002		62.5		1.36		1.35	
		SDT-506-0001		58.5		0.73		1.48	
		SDT-507-0004		75.9		0.94		1.27	
		SDT-508-0001		60.1		1.55	J5,J7	1.15	J5, J7
		SDT-509-0002		65.0		0.89		0.75	
		SDT-510-0001		71.3		0.52		0.3	U
SED	29607	SDT-01-COMP-001	8/22/2017	52.4		3.2	J5	3.3	J5
		SDT-04-COMP-001		58.5		1.8		2.6	
		SDT-08-COMP-001		56.2		2.1		2	
		SDT-XX-COMP-001		55.9		2.8		2.6	

Notes:

Samples were analyzed by EnviroSystems, Inc., Report Numbers 29543 and 29882

U = Undetected

J2 = LCS %R below limit

J4 = LCS/LCSD %RPD above limit

J5 = MS %R below limit

J7 = Estimate. MSD %RPD above limit

J8 = Duplicate RPD above limit

Percent Solids Analytical Method (29543): 160.3 EPA 600/4/79/020

Percent Solids Analytical Method (29882): ASTM D2216 (Moisture Content) converted to Percent Solids with the equation %Solids = Dry Density (pcf) / Bulk Density (pcf)

Organic Carbon Rep 1 & 2 Analytical Method: SW846 9060

TABLE C-8
Preliminary - Comparison of SPLP Results to Connecticut Groundwater Standards
Stratford Army Engine Plant

Method Group	Parameter	GW GB SPLP	Unit	Matrix: SPLP									
				SDT-01-018-0002		SDT-01-018-0204		SDT-04-050-0002		SDT-06-054-0004		SDT-08-080-0002	
				8/3/2017		8/3/2017		8/3/2017		8/3/2017		8/3/2017	
				RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL
Metals	Arsenic, total	500	ug/L	4.9		1.9		1.2		3.2		1.2	
	Cadmium, total	50		0.4		0.3		1		0.5		0.2	U
	Chromium, total	500		136	J8,J7	73		29		219		3.1	
	Copper, total	13000		61	J8	73		44		58		4.1	
	Lead, total	150		9.3	J8	3.9		2.9		5.6		1	
	Mercury, total	20		9.6		16		4.6		20		2.3	
	Nickel, total	1000		0.5		0.6		0.2	U	0.6		0.2	U
	Silver, total	360		54	J8	35		48		28		13	
	Zinc, total	50000		38		29		48		31		10	U
PCBs	chlorobiphenyl	5	ug/L	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U
	decachlorobiphenyl	5		0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
	dichlorobiphenyl	5		0.015	U	0.015	U	0.021		0.015	U	0.015	U
	heptachlorobiphenyl	5		0.015	U	0.015	U	0.015	U	0.015	U	0.015	U
	hexachlorobiphenyl	5		0.017	U	0.017	U	0.017	U	0.017	U	0.017	U
	nonachlorobiphenyl	5		0.006	U	0.006	U	0.006	U	0.006	U	0.006	U
	octachlorobiphenyl	5		0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
	pentachlorobiphenyl	5		0.045		0.047		0.03		0.016		0.014	U
	tetrachlorobiphenyl	5		0.13		0.13		0.14		0.045		0.032	
	trichlorobiphenyl	5		0.11		0.073		0.13		0.051		0.017	
	Total PCBs	5		0.31		0.28		0.34		0.21	U	0.2	U

Notes:

Samples were analyzed by EnviroSystems, Inc. Report. No 29543
 GW GB = CT Groundwater Quality GB Protection Standards, No exceedances
 ug/L = micrograms per liter
 SPLP = synthtetic precipitation leaching procedure
 U = Undetected
 J7 = MSD %RR above limit
 J8 = Duplicate %RR above limit
 PCBs = polychlorinated biphenyls

TABLE C-8
Preliminary - Comparison of SPLP Results to Connecticut Groundwater Standards
Stratford Army Engine Plant

Method Group	Parameter	GW GB SPLP	Unit	Matrix: SPLP							
				SDT-01-COMP-001		SDT-04-COMP-001		SDT-08-COMP-001		SDT-XX-COMP-001	
				8/22/2017		8/22/2017		8/22/2017		8/22/2017	
				RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL
Metals	Arsenic, total	500	ug/L	4.6		1.7		2		2.8	
	Cadmium, total	50		0.3	U	0.3		0.3	U	0.4	
	Chromium, total	500		55		19		14		49	
	Copper, total	13000		120		31		29		120	
	Lead, total	150		9.8		1.9		1.8		6.3	
	Mercury, total	20		0.049		0.032		0.021		0.048	
	Nickel, total	1000		2.9		2.2		1.8		3.8	
	Silver, total	360		0.4		0.3	U	0.3	U	0.6	
	Zinc, total	50000		42		22		17		34	
PCBs	chlorobiphenyl	5	ug/L	0.002	U	0.0020	U	0.002	U	0.002	U
	decachlorobiphenyl	5		0.007	U	0.0330	U	0.007	U	0.018	
	dichlorobiphenyl	5		0.01	U	0.2100	U	0.01	U	0.600	
	heptachlorobiphenyl	5		0.02		0.3400		0.02		1.100	
	hexachlorobiphenyl	5		0.03	U	0.0960	U	0.03	U	0.360	
	nonachlorobiphenyl	5		0.0047		0.0940		0.0012		0.100	
	octachlorobiphenyl	5		0.0017		0.0780		0.0011		0.062	
	pentachlorobiphenyl	5		0.007	U	0.0036	U	0.007	U	0.034	
	tetrachlorobiphenyl	5		0.002	U	0.0022	U	0.002	U	0.012	
	trichlorobiphenyl	5		0.0013		0.0009		0.00057		0.002	
	Total PCBs	5		0.008		0.86		0.003		2.3	

Notes:

Samples were analyzed by EnviroSystems, Inc. Report. No 29543
 GW GB = CT Groundwater Quality GB Protection Standards, No exceedances
 ug/L = micrograms per liter
 SPLP = synthetic precipitation leaching procedure
 U = Undetected
 J7 = MSD %RR above limit
 J8 = Duplicate %RR above limit
 PCBs = polychlorinated biphenyls

TABLE C-9
Preliminary - Composite Sediment Sample Waste Characterization Results
Stratford Army Engine Plant

Method Group	Chemical Name	Unit	Matrix: SED							
			SDT-01-COMP-001		SDT-04-COMP-001		SDT-08-COMP-001		SDT-XX-COMP-001	
			8/22/2017		8/22/2017		8/22/2017		8/22/2017	
			RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL
VOCs	1,1,1,2-tetrachloroethane	ug/L	3.2	U	3	U	2.8	U	NA	
	1,1,1-trichloroethane		3.2	U	3	U	2.8	U	NA	
	1,1,2,2-tetrachloroethane		3.2	U	3	U	2.8	U	NA	
	1,1,2-trichloroethane		3.2	U	3	U	2.8	U	NA	
	1,1-dichloroethane		3.2	U	3	U	2.8	U	NA	
	1,1-dichloroethene		3.2	U	3	U	2.8	U	NA	
	1,1-dichloropropene		3.2	U	3	U	2.8	U	NA	
	1,2,3-trichlorobenzene		3.2	U	3	U	2.8	U	NA	
	1,2,3-trichloropropane		3.2	U	3	U	2.8	U	NA	
	1,2,4-trichlorobenzene		3.2	U	3	U	2.8	U	NA	
	1,2,4-trimethylbenzene		3.2	U	3	U	2.8	U	NA	
	1,2-dibromo-3-chloropropane		3.2	U	3	U	2.8	U	NA	
	1,2-dibromoethane		3.2	U	3	U	2.8	U	NA	
	1,2-dichlorobenzene		3.2	U	3	U	2.8	U	NA	
	1,2-dichloroethane		3.2	U	3	U	2.8	U	NA	
	1,2-dichloropropane		3.2	U	3	U	2.8	U	NA	
	1,3,5-trimethylbenzene		3.2	U	3	U	2.8	U	NA	
	1,3-dichlorobenzene		3.2	U	3	U	2.8	U	NA	
	1,3-dichloropropane		3.2	U	3	U	2.8	U	NA	
	1,4-dichlorobenzene		3.2	U	3	U	2.8	U	NA	
	2,2-dichloropropane		3.2	U	3	U	2.8	U	NA	
	2-chlorotoluene		3.2	U	3	U	2.8	U	NA	
	4-chlorotoluene		3.2	U	3	U	2.8	U	NA	
	4-isopropyltoluene		3.2	U	3	U	2.8	U	NA	
	benzene		3.2	U	3	U	2.8	U	NA	
	bromobenzene		3.2	U	3	U	2.8	U	NA	
	bromochloromethane		3.2	U	3	U	2.8	U	NA	
	bromodichloromethane		3.2	U	3	U	2.8	U	NA	
	bromoform		3.2	U	3	U	2.8	U	NA	
	bromomethane		3.2	U	3	U	2.8	U	NA	
	carbon tetrachloride		3.2	U	3	U	2.8	U	NA	
	chlorobenzene		3.2	U	3	U	2.8	U	NA	
	chloroethane		3.2	U	3	U	2.8	U	NA	
	chloroform		3.2	U	3	U	2.8	U	NA	
	chloromethane		3.2	U	3	U	2.8	U	NA	
	cis-1,2-dichloroethene		3.2	U	3	U	2.8	U	NA	
	cis-1,3-dichloropropene		3.2	U	3	U	2.8	U	NA	
	dibromochloromethane		3.2	U	3	U	2.8	U	NA	
	dibromomethane		3.2	U	3	U	2.8	U	NA	
	dichlorodifluoromethane		3.2	U	3	U	2.8	U	NA	
	ethylbenzene		3.2	U	3	U	2.8	U	NA	
	hexachlorobutadiene		6.4	U	5.9	U	5.7	U	NA	
	isopropylbenzene		3.2	U	3	U	2.8	U	NA	
	m- and p-xylene		3.2	U	3	U	2.8	U	NA	
	methyl-t-butyl ether		6.4	U	5.9	U	5.7	U	NA	
methylene chloride	3.2	U	3	U	2.8	U	NA			
n-butylbenzene	3.2	U	3	U	2.8	U	NA			
n-propylbenzene	3.2	U	3	U	2.8	U	NA			
naphthalene	3.2	U	3	U	2.8	U	NA			
o-xylene	3.2	U	3	U	2.8	U	NA			
sec-butylbenzene	3.2	U	3	U	2.8	U	NA			
styrene	3.2	U	3	U	2.8	U	NA			
tert-butylbenzene	3.2	U	3	U	2.8	U	NA			
tetrachloroethene	3.2	U	3	U	2.8	U	NA			
toluene	3.2	U	3	U	2.8	U	NA			
trans-1,2-dichloroethene	3.2	U	3	U	2.8	U	NA			
trans-1,3-dichloropropene	3.2	U	3	U	2.8	U	NA			
trichloroethene	3.2	U	3	U	2.8	U	NA			
trichlorofluoromethane	3.2	U	3	U	2.8	U	NA			

TABLE C-9
Preliminary - Composite Sediment Sample Waste Characterization Results
Stratford Army Engine Plant

Method Group	Chemical Name	Unit	Matrix: SED							
			SDT-01-COMP-001		SDT-04-COMP-001		SDT-08-COMP-001		SDT-XX-COMP-001	
			8/22/2017		8/22/2017		8/22/2017		8/22/2017	
			RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL
PCBs	chlorobiphenyl	ug/kg	0.3	U	0.3	U	0.3	U	0.3	U
	decachlorobiphenyl		1.0	U	1	U	1	U	1	U
	dichlorobiphenyl		2.0	U	2	U	2	U	2	U
	heptachlorobiphenyl		16.0		20.0		15		29	
	hexachlorobiphenyl		5.0	U	5.0	U	5	U	5	U
	nonachlorobiphenyl		15.0		3.7		2.1		7.7	
	octachlorobiphenyl		7.9		5.2		2.8		11	
	pentachlorobiphenyl		1.0	U	1.0	U	1	U	1	U
	tetrachlorobiphenyl		0.3	U	0.3	U	0.3	U	0.3	U
	trichlorobiphenyl		8.7		1.2		0.42		1.7	
Total PCBs	47		31		21		49			
Metals	Arsenic, total	mg/kg	7.7		5.65		4.79		6.99	
	Cadmium, total		3.52		2.95		1.27		4.07	
	Chromium, total		425		155		104		409	
	Copper, total		1110		172		192		835	
	Lead, total		108	J6,J7	48.9		22.5		98.7	
	Mercury, total		1.39		0.23		0.26		1.07	
	Nickel, total		64.4		118		22.1		95.1	
	Silver, total		6.19		1.04		0.48		6.12	
Zinc, total	591		159		134		525			
TCLP VOCs ¹	1,2-dichloroethane	mg/L	0.16	U	0.15	U	0.14	U	NA	
	1,1-dichloroethene		0.16	U	0.15	U	0.14	U	NA	
	1,4-dichlorobenzene		0.16	U	0.15	U	0.14	U	NA	
	benzene		0.16	U	0.15	U	0.14	U	NA	
	carbon tetrachloride		0.16	U	0.15	U	0.14	U	NA	
	chlorobenzene		0.16	U	0.15	U	0.14	U	NA	
	chloroform		0.16	U	0.15	U	0.14	U	NA	
	methyl ethyl ketone		0.32	U	0.3	U	0.29	U	NA	
	tetrachloroethene		0.16	U	0.15	U	0.14	U	NA	
	trichloroethene		0.16	U	0.15	U	0.14	U	NA	
vinyl chloride	0.16	U	0.15	U	0.14	U	NA			
TCLP Metals	Arsenic, total	mg/L	0.039		0.0083		0.01		0.041	
	Barium, total		0.087		0.063		0.046		0.089	
	Cadmium, total		0.004		0.059		0.028		0.0013	
	Chromium, total		0.045		0.025		0.012		0.059	
	Lead, total		0.037		0.039		0.032		0.024	
	Mercury, total		0.00001	U	0.00001	U	0.000011		0.00001	U
	Selenium, total		0.004	U	0.004	U	0.004	U	0.004	U
Silver, total	0.001	U	0.001	U	0.001	U	0.001	U		
General Chemistry	TPH	mg/kg	3560		1260		1060		NA	
	Ignitability		NI		NI		NI		NA	
	reactive cyanide	mg/kg	10	U	10	U	10	U	NA	
	reactive sulfide	mg/kg	10	U	10	U	10	U	NA	
	% Solids	%	53.1		57.3		58.2		58.2	
	% Solids (2)	%	54.7		58.0		61.9		NA	
	% Solids (3)	%	57.5		61.9		57		NA	
	pH	SU	7.2		6.0		6.7		NA	

Notes:

1. Total analysis performed and maximum value for TCLP leachate was reported using the 20x rule as per Federal Register, Vol 55, No 61, June 29,1990 extraction was not necessary. No exceedances of regulatory limits

All samples Analyzed by EnviroSystems, Inc. Report Numb TPH = Total Petroleum Hydrocarbons

ug/L = micrograms per liter

SU = Standard Units

mg/L = milligrams per liter

TCLP = Toxicity Characteristic Leaching Procedure

mg/Kg= milligrams per kilogram

VOCs = Volatile Organic Compounds

SPLP = synthtetic precipitate leaching procedures

J6 = MS %R above limit

U = Undetected

J7 = MSD %RR above limit

NI = Not Ignitable

NA = Not Analyzed

Table C-10
Preliminary - SPLP VOC Results
Stratford Army Engine Plant

Class	Parameter	Unit	Matrix: SPLP	
			SDT-04-050-0002 (SPLP)	
			8/3/2017	
			RESULT	QUAL
VOCs	1,1,1,2-tetrachloroethane	ug/L	2	U
	1,1,1-trichloroethane		2	U
	1,1,2,2-tetrachloroethane		2	U
	1,1,2-trichloroethane		2	U
	1,1-dichloroethane		2	U
	1,1-dichloroethene		2	U
	1,1-dichloropropene		2	U
	1,2,3-trichlorobenzene		2	U
	1,2,3-trichloropropane		2	U
	1,2,4-trichlorobenzene		2	U
	1,2,4-trimethylbenzene		2	U
	1,2-dibromo-3-chloropropane		2	U
	1,2-dibromoethane		2	U
	1,2-dichlorobenzene		2	U
	1,2-dichloroethane		2	U
	1,2-dichloropropane		2	U
	1,3,5-trimethylbenzene		2	U
	1,3-dichlorobenzene		2	U
	1,3-dichloropropane		2	U
	1,4-dichlorobenzene		2	U
	2,2-dichloropropane		2	U
	2-chlorotoluene		2	U
	4-chlorotoluene		2	U
	4-isopropyltoluene		2	U
	benzene		2	U
	bromobenzene		2	U
	bromochloromethane		2	U
	bromodichloromethane		2	U
	bromoform		2	U
	bromomethane		2	U
	carbon tetrachloride		2	U
	chlorobenzene		2	U
	chloroethane		2	U
	chloroform		2	U
	chloromethane		2	U
	cis-1,2-dichloroethene		2	U
	cis-1,3-dichloropropene		2	U
	dibromochloromethane		2	U
	dibromomethane		2	U
	dichlorodifluoromethane		2	U
	ethylbenzene		2	U
	hexachlorobutadiene		4	U
isopropylbenzene	2	U		
m- and p-xylene	2	U		
methyl-t-butyl ether	4	U		
methylene chloride	2	U		
n-butylbenzene	2	U		
n-propylbenzene	2	U		
naphthalene	2	U		
o-xylene	2	U		
sec-butylbenzene	2	U		
styrene	2	U		
tert-butylbenzene	2	U		
tetrachloroethene	2	U		
toluene	2	U		
trans-1,2-dichloroethene	2	U		
trans-1,3-dichloropropene	2	U		
trichloroethene	2	U		
trichlorofluoromethane	2	U		

Notes:

Samples were analyzed by EnviroSystems, Inc. Report. No 29543
ug/L = micrograms per liter
SPLP = synthetic precipitation leaching procedure
U = Undetected
VOCs = Volatile Organic Compounds

TABLE C-11
Summary of Composite Sediment Treatability Results
Stratford Army Engine Plant

Method Group	Chemical Name	Unit	SDT-XX-COMP-001		SDT-01-COMP-001		SDT-04-COMP-001		SDT-08-COMP-001	
			8/22/2017		8/22/2017		8/22/2017		8/22/2017	
			RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL
General Chemistry	TPH	mg/kg	NA		3560		1260		1060	
	Ignitability		NA		NI		NI		NI	
	reactive cyanide	mg/kg	NA		10	U	10	U	10	U
	reactive sulfide	mg/kg	NA		10	U	10	U	10	U
	% Solids	%	NA		53.1		57.3		58.2	
	pH	SU	NA		7.2		6		6.7	
Geotechnical	Moisture Content	%	80.32		88.24		75.65		66.42	
	Total Unit Weight (Yt)	pcf	90.25		88.5		95.5		97.6	
	Dry Unit Weight (Yd)	pcf	50.05		47.0		54.4		58.7	
	Specific Gravity	---	2.61		2.58		2.61		2.62	
	Gravel	%	1.7		0.3		0.6		0.2	
	Sand	%	38.4		40.8		29.0		34.8	
	Silt and Clay	%	59.9		58.9		70.4		65.0	
	Liquid Limit Wet Prep.	---	72		73		70		68	
	Plastic Limit	---	43		36		39		39	
	Plasticity Index	---	29		37		31		29	
Liquidity Index	---	1.3		1.4		1.2		0.9		

Notes:

Samples were analyzed by GeoTesting and EnviroSystems: Projects 29543, 29607, and 29882

Geotechnical results are incomplete. Hydrometer results have not yet been provided by the laboratory.

pcf = pounds per cubic foot

ug/L = micrograms per liter

mg/L = milligrams per liter

mg/kg= milligrams per kilogram

SPLP = synthtetic precipitation leaching procedure

U = Undetected

NI = Not Ignitable

VOCs = volatile organic compounds

NA = Not Analyzed

SU = standard units

TPH = total petroleum hydrocarbons

TABLE C-12
Comparison of Belt Press and Geotube Filtrates and Sediment Cakes to Connecticut Surface Water and Groundwater Standards
Dewatering Treatability Testing
Stratford Army Engine Plant

Method Group	Parameter	Units	State Chronic SB	Matrix: WATER								GW GB	SPLP Extract					
				Belt Filter Total		Belt Filter Filtered		Geotube Total		Geotube Filtered			Belt Filter Cake		Geotube Solids		SPLP Blank	
				SDT-DF-BFT-0001		SDT-DF-BFF-0002		SDT-DF-GTT-0001		SDT-DF-GTF-0002			SDT-BF-COMP-001		SDT-GT-COMP-001		SDT-BLANK-001	
				11/21/2017		11/22/2017		11/23/2017		11/24/2017			11/21/2017		11/21/2017		11/21/2017	
				RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	
Metals	Arsenic, total	ug/L	36	2.4		2.9		4.5		4.1		500	1	U	2	U	1	U
	Cadmium, total		8.8	0.4		0.3		2		1.9		50	6.7		0.6		0.2	U
	Chromium, total		50	8.6		0.4		0.4	U	0.4	U	500	2.3		3.6		1	U
	Copper, total		3.1	25.3		18.3		28.8		27.9		13000	22		8.8		0.5	U
	Lead, total		8.1	3.6		0.6		0.2	U	0.2	U	150	0.3		0.5	U	0.2	U
	Mercury, total		0.94	0.008	J	0.010		0.01	U	0.01	U	20	0.05	U	0.05	U	0.05	U
	Nickel, total		8.2	11.8		12		5.3		4.6		1000	21.0		3.3		1	U
	Silver, total		1.9*	0.2	U	0.2	U	0.2	U	0.2	U	360	0.2	U	0.5	U	0.2	U
	Zinc, total		81	89		107		86.2		82.5		50000	450		40.0		2	U
PCBs	chlorobiphenyl	ug/L	0.03	0.0020		0.0020		0.0020		0.002		5	0.002	U	0.002	U	0.0020	U
	decachlorobiphenyl		0.03	0.0005	U	0.0005	U	0.0005	U	0.0005	U	5	0.0005	U	0.0079	U	0.0005	U
	dichlorobiphenyl		0.03	0.0120		0.0095		0.0060		0.006		5	0.0060	U	0.0060	U	0.0060	U
	heptachlorobiphenyl		0.03	0.0037		0.0027	U	0.0100		0.01		5	0.0200	U	0.0200	U	0.0200	U
	hexachlorobiphenyl		0.03	0.0050		0.0003	U	0.0003	U	0.02		5	0.0200	U	0.0200	U	0.0200	U
	nonachlorobiphenyl		0.03	0.0004	U	0.0072		0.0020		0.002		5	0.0020	U	0.0360	U	0.0004	U
	octachlorobiphenyl		0.03	0.0060		0.0007	U	0.0060		0.006		5	0.0100	U	0.0025	U	0.0100	U
	pentachlorobiphenyl		0.03	0.0680		0.0430		0.0016	U	0.0005	U	5	0.0200	U	0.0170	U	0.0200	U
	tetrachlorobiphenyl		0.03	0.3600		0.2900		0.0110		0.0042	U	5	0.0200	U	0.0170	U	0.0200	U
	trichlorobiphenyl		0.03	0.3000		0.2300		0.0078		0.0032		5	0.0100	U	0.0100	U	0.0100	U
	Total PCBs		0.03	0.7500		0.5800		0.0200		0.008		5	0.0480	U	4.3000	U	0.0850	U

Notes:

Indicates exceedance of State Chronic SB

* = State Acute SB

All samples were generated by Kemron in Atlanta, GA and shipped to EnviroSystems, Inc. in Hampton, NH for chemical analyses: Report Number 30025

ug/L = micrograms per liter

U = Undetected

J = Sample value greater than limit of detection but less than limit of quantitation

State Chronic SB = State of CT Water Quality Criteria for Aquatic Life, Saltwater Chronic Values, Class SB, http://www.ct.gov/deep/lib/deep/water/water_quality_standards/wqs_final_adopted_2_25_11.pdf
http://cteco.uconn.edu/maps/town/wtrqualcl/WtrQualCl_Stratford.pdf

GW GB = CT Groundwater Quality Class GB Protection Standards; <https://eregulations.ct.gov/eRegsPortal/Browse/RCSA/%7BEAD3787B-7651-4803-8239-CCD2B569E8A0%7D> June 27, 2013.

Filtered samples were generated by pumping dewatering fluids through a 0.45 micron filter.

SPLP = synthetic precipitation leaching procedure

PCBs = polychlorinated biphenyls

DF = dewatering fluid

BFT = belt filter total

BFF = felt filter total

GTT = geotube total

GTF = geotube filtered

TABLE C-13
Water Treatment - Belt Press 0.1µ Filtered and Carbon Adsorption
Stratford Army Engine Plant

Method Group	Parameter	Units	State Chronic SB	SW-01-001		SW-01-001		SW-01-001		SW-01-001		SW-01-001		SW-01-001	
				SW-DF-BFF-0.1UM		SW-DF-BFF-0.1UM CTR		SW-DF-BFF-0.1UM 10C		SW-DF-BFF-0.1UM 20C		SW-DF-BFF-0.1UM 40C		SW-DF-BFF-0.1UM 80C	
				03/08/18		03/07/18		03/07/18		03/07/18		03/07/18		03/07/18	
				RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	Result	Qual
Metals	Arsenic, total	ug/L	36	1.83	J	1.69	J	6.16		9.94		5.95		1.21	J
	Cadmium, total		8.8	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	1	U
	Chromium, total		50	1.23	J	2.74		1.71	J	3.96		1.65	J	1.72	J
	Copper, total		3.1	9.97		15.2		1.92	U	1.92	U	1.92	U	5	U
	Lead, total		8.1	1.72	U	1.72	U	1.72	U	1.72	U	1.72	U	5	U
	Mercury, total		0.94	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.2	U
	Nickel, total		8.2	2.78	U	4.04	J	4.17	J	4.61	J	2.78	U	10	U
	Silver, total		1.9*	0.98	U	0.81	U	0.81	U	0.81	U	0.98	J	2	U
	Zinc, total		81	17.0	U	17.0	U	17.0	U	17.0	U	17.0	U	50.0	U
PCBs	Decachlorobiphenyl	ug/L	0.03	0.000515	U	0.00061	U	0.000633	U	0.000633	U	0.000676	U	0.000667	U
	Dichlorobiphenyl		0.03	0.000515	U	0.00061	U	0.000633	U	0.000633	U	0.000676	U	0.000667	U
	Heptachlorobiphenyl		0.03	0.000515	U	0.00061	U	0.000633	U	0.000633	U	0.000676	U	0.000667	U
	Hexachlorobiphenyl		0.03	0.000515	U	0.00061	U	0.000633	U	0.000633	U	0.000676	U	0.000667	U
	Monochlorobiphenyl		0.03	0.000515	U	0.00061	U	0.000633	U	0.000633	U	0.000676	U	0.000667	U
	Nonachlorobiphenyl		0.03	0.000515	U	0.00061	U	0.000633	U	0.000633	U	0.000676	U	0.000667	U
	Octachlorobiphenyl		0.03	0.000515	U	0.00061	U	0.000633	U	0.000633	U	0.000676	U	0.000667	U
	Pentachlorobiphenyl		0.03	0.000515	U	0.00061	U	0.000633	U	0.000633	U	0.000676	U	0.000667	U
	Tetrachlorobiphenyl		0.03	0.000515	U	0.00061	U	0.000633	U	0.000633	U	0.000676	U	0.000667	U
	Trichlorobiphenyl		0.03	0.0014	B	0.00061	U	0.000633	U	0.000633	U	0.00127	B	0.00192	B
	Total PCBs		0.03	0.0014	B	0.00061	U	0.000633	U	0.000633	U	0.00127	B	0.00192	B

Notes:

Indicates exceedance of State Acute SB

* = State Acute SB

Samples analyzed by Alpha Analytical Lab Number L1808172

ug/L = micrograms per liter

U = Undetected

J = Sample value greater than limit of detection but less than limit of quantitation

State Chronic SB = State of CT Water Quality Criteria for Aquatic Life, Saltwater Chronic Values, Class SB,

http://www.ct.gov/deep/lib/deep/water/water_quality_standards/wqs_final_adopted_2_25_11.pdf

http://cteco.uconn.edu/maps/town/wtrqualcl/WtrQualCl_Stratford.pdf

B = The analyte was detected above the reporting limit in the associated method blank

PCBs = polychlorinated biphenyls

µ = micron

BFF = belt filter filtered

DF = dewatering fluid

20 C = carbon ratio of 20 g carbon to 1 liter water

CTR = control

TABLE C-14
Water Treatment - Unfiltered Belt Press and Carbon Adsorption
Stratford Army Engine Plant

Method Group	Parameter	Units	State Chronic SB	SW-01-001		SW-01-001		SW-01-001		SW-01-001		SW-01-001	
				SW-DF-BFT-CTR		SW-DF-BFT-10C		SW-DF-BFT-20C		SW-DF-BFT-40C		SW-DF-BFT-80C	
				03/08/18		03/08/18		03/08/18		03/08/18		03/08/18	
				RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL
PCBs	Decachlorobiphenyl	ug/L	0.03	0.000521	U	0.00052	U	0.000521	U	0.000532	U	0.000562	U
	Dichlorobiphenyl		0.03	0.000521	U	0.00052	U	0.000521	U	0.000532	U	0.000562	U
	Heptachlorobiphenyl		0.03	0.000521	U	0.00052	U	0.000521	U	0.000532	U	0.000562	U
	Hexachlorobiphenyl		0.03	0.000521	U	0.00052	U	0.000521	U	0.000532	U	0.000562	U
	Monochlorobiphenyl		0.03	0.000521	U	0.00052	U	0.000521	U	0.000532	U	0.000562	U
	Nonachlorobiphenyl		0.03	0.000521	U	0.00052	U	0.000521	U	0.000532	U	0.000562	U
	Octachlorobiphenyl		0.03	0.000521	U	0.00052	U	0.000521	U	0.000532	U	0.000562	U
	Pentachlorobiphenyl		0.03	0.000521	U	0.00052	U	0.000521	U	0.000532	U	0.000562	U
	Tetrachlorobiphenyl		0.03	0.000521	U	0.00052	U	0.000521	U	0.000532	U	0.000562	U
	Trichlorobiphenyl		0.03	0.000521	U	0.00052	U	0.000521	U	0.000532	U	0.000562	U
Total PCBs	0.03	0.000521	U	0.00052	U	0.000521	U	0.000532	U	0.000562	U		

Notes:

Indicates exceedance of State Acute SB

Samples analyzed by Alpha Analytical Lab Number L1808172

ug/L = micrograms per liter

U = Undetected

J = Sample value greater than limit of detection but less than limit of quantitation

State Chronic SB = State of CT Water Quality Criteria for Aquatic Life, Saltwater Chronic Values, Class SB,

B = The analyte was detected above the reporting limit in the associated method blank

SPLP = synthetic precipitation leaching procedure

NA = Not Analyzed

PCBs = polychlorinated biphenyls

BFT = belt filter total

20 C = carbon ratio of 20 g carbon to 1 liter water

CTR = control

TABLE C-15
Solidfied Belt Press and Gravity Drained Sediments - SPLP Results
Stratford Army Engine Plant

Method Group	Parameter	Units	GW GB	SPLP Extract											
				DEW-SED-Belt Press		DEW-SED-Belt Press		DEW-SED-Belt Press		DEW-SED-Belt Press		DEW-SED-Belt Press		DEW-SED-Belt Press	
				SDT-DS-BFT-PC03		SDT-DS-BFT-PC06		SDT-DS-BFT-PC08		SDT-DS-BFT-CC03		SDT-DS-BFT-CC06		SDT-DS-BFT-CC08	
				2/27/2018		2/27/2018		2/27/2018		2/27/2018		2/27/2018		2/27/2018	
				RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL
Metals	Arsenic, total	mg/L	0.5	0.0090		0.0046	J	0.003	J	0.011		0.006		0.006	
	Cadmium, total		0.05	0.001	U	0.001	U	0.001	U	0.001	U	0.001	U	0.001	U
	Chromium, total		0.5	0.020		0.046		0.086		0.021		0.054		0.053	
	Copper, total		13	0.460		0.432		0.638		0.175		0.860		0.824	
	Lead, total		0.15	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
	Mercury, total		0.02	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
	Nickel, total		1	0.018	J	0.028		0.053		0.011	J	0.039		0.043	
	Silver, total		0.36	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
	Zinc, total		50	0.034	U	0.034	U	0.034	U	0.034	U	0.034	U	0.034	U
PCBs	Decachlorobiphenyl	ug/L	5	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U
	Dichlorobiphenyl		5	0.0166		0.0259		0.0278		0.022		0.0233		0.0249	
	Heptachlorobiphenyl		5	0.0005	U	0.0005	U	0.0005	U	0.00262		0.0005	U	0.0005	U
	Hexachlorobiphenyl		5	0.0005	U	0.0005	U	0.00191		0.00538		0.0015		0.00129	
	Monochlorobiphenyl		5	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U
	Nonachlorobiphenyl		5	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U
	Octachlorobiphenyl		5	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U
	Pentachlorobiphenyl		5	0.0005	U	0.00729		0.00821		0.0153		0.00724		0.00744	
	Tetrachlorobiphenyl		5	0.0444		0.0982		0.0948		0.120		0.0812		0.0787	
	Trichlorobiphenyl		5	0.0354		0.0992		0.104		0.0839		0.0928		0.0843	
	Total PCBs		5	0.0964		0.231		0.237		0.249		0.206		0.197	

Notes:

Samples analyzed by Alpha Analytical Lab Number L1806872
J = Sample value greater than limit of detection but less than limit of quantitation
U = Undetected
mg/L = milligrams per liter
ug/L = micrograms per liter
GW GB = CT Groundwater Quality GB Protection Standards, No exceedances.
PCBs = polychlorinated biphenyls
DS = dewatered sediment
BFT = belt filter
PC03 = Portland cement 3%
CC03 = calciment 3%
SPLP = synthetic precipitation leaching procedure
GVT = gravity drained

TABLE C-15
Solidified Belt Press and Gravity Drained Sediments - SPLP Results
Stratford Army Engine Plant

Method Group	Parameter	Units	GW GB	SPLP Extract											
				DEW-SED-Gravity		DEW-SED-Gravity		DEW-SED-Gravity		DEW-SED-Gravity		DEW-SED-Gravity		DEW-SED-Gravity	
				SDT-DS-GVT-PC02		SDT-DS-GVT-PC04		SDT-DS-GVT-PC05		SDT-DS-GVT-CC02		SDT-DS-GVT-CC04		SDT-DS-GVT-CC05	
				2/27/2018		2/27/2018		2/27/2018		2/27/2018		2/27/2018		2/27/2018	
				RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL
Metals	Arsenic, total	mg/L	0.5	0.013		0.005		0.003	J	0.016		0.011		0.0090	
	Cadmium, total		0.05	0.001	U	0.001	U	0.001	U	0.001	U	0.001	U	0.001	U
	Chromium, total		0.5	0.011		0.029		0.058		0.018		0.022		0.026	
	Copper, total		13	0.159		0.277		0.357		0.087		0.258		0.345	
	Lead, total		0.15	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
	Mercury, total		0.02	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
	Nickel, total		1	0.006	U	0.015	J	0.031		0.006	U	0.010	J	0.015	J
	Silver, total		0.36	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
	Zinc, total		50	0.034	U	0.034	U	0.034	U	0.034	U	0.185		0.034	U
PCBs	Decachlorobiphenyl	ug/L	5	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U
	Dichlorobiphenyl		5	0.0270		0.0252		0.0285		0.0239		0.0240		0.0272	
	Heptachlorobiphenyl		5	0.00148		0.0005	U	0.0005	U	0.00317		0.00176		0.00103	
	Hexachlorobiphenyl		5	0.00442		0.00151		0.00198		0.00568		0.00292		0.00275	
	Monochlorobiphenyl		5	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U
	Nonachlorobiphenyl		5	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U
	Octachlorobiphenyl		5	0.0005	U	0.0005	U	0.0005	U	0.00371		0.0005	U	0.0005	U
	Pentachlorobiphenyl		5	0.0158		0.00890		0.0119		0.0233		0.0138		0.0114	
	Tetrachlorobiphenyl		5	0.118		0.0844		0.108		0.159		0.115		0.118	
	Trichlorobiphenyl		5	0.166		0.123		0.144		0.102		0.103		0.102	
	Total PCBs		5	0.333		0.243		0.294		0.321		0.260		0.262	

Notes:

Samples analyzed by Alpha Analytical Lab Number L1806872
J = Sample value greater than limit of detection but less than limit of quantitation
U = Undetected
mg/L = milligrams per liter
ug/L = micrograms per liter
GW GB = CT Groundwater Quality GB Protection Standards, No exceedances.
PCBs = polychlorinated biphenyls
DS = dewatered sediment
BFT = belt filter
PC03 = Portland cement 3%
CC03 = calciment 3%
SPLP = synthetic precipitation leaching procedure
GVT = gravity drained

TABLE C-16
Solidified Belt Press and Gravity Drained Sediments - TCLP Results
Stratford Army Engine Plant

Parameter	Units	TCLP	TCLP Extract											
			DEW-SED-Belt Press		DEW-SED-Belt Press		DEW-SED-Belt Press		DEW-SED-Belt Press		DEW-SED-Belt Press		DEW-SED-Belt Press	
			SDT-DS-BFT-PC03		SDT-DS-BFT-PC06		SDT-DS-BFT-PC08		SDT-DS-BFT-CC03		SDT-DS-BFT-CC06		SDT-DS-BFT-CC08	
			2/27/2018		2/27/2018		2/27/2018		2/27/2018		2/27/2018		2/27/2018	
			RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL
Arsenic, total	mg/L	5	0.019	U	0.042	J	0.045	J	0.019	U	0.019	U	0.019	U
Barium, total		100	0.178	J	0.139	J	0.116	J	0.089	J	0.115	J	0.092	J
Cadmium, total		1	0.054	J	0.010	U	0.010	U	0.043	J	0.010	U	0.010	U
Chromium, total		5	0.147	J	0.021	U	0.024	J	0.073	J	0.04	J	0.033	J
Lead, total		5	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U
Mercury, total		0.2	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Selenium, total		1	0.035	U	0.035	J	0.037	J	0.035	U	0.035	U	0.035	U
Silver, total		5	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U

Parameter	Units	TCLP	TCLP Extract											
			DEW-SED-Gravity Drain		DEW-SED-Gravity Drain		DEW-SED-Gravity Drain		DEW-SED-Gravity Drain		DEW-SED-Gravity Drain		DEW-SED-Gravity Drain	
			SDT-DS-GVT-PC02		SDT-DS-GVT-PC04		SDT-DS-GVT-PC05		SDT-DS-GVT-CC02		SDT-DS-GVT-CC04		SDT-DS-GVT-CC05	
			2/27/2018		2/27/2018		2/27/2018		2/27/2018		2/27/2018		2/27/2018	
			RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL
Arsenic, total	mg/L	5	0.019	U	0.033	J	0.019	U	0.022	J	0.019	U	0.019	U
Barium, total		100	0.146	J	0.157	J	0.134	J	0.080	J	0.093	J	0.105	J
Cadmium, total		1	0.042	J	0.010	U	0.010	U	0.026	J	0.026	J	0.019	J
Chromium, total		5	0.144	J	0.111	J	0.021	U	0.068	J	0.103	J	0.139	J
Lead, total		5	0.045	J	0.027	U	0.027	U	0.027	U	0.028	J	0.053	J
Mercury, total		0.2	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Selenium, total		1	0.035	U	0.035	U	0.035	U	0.035	U	0.035	U	0.035	U
Silver, total		5	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U

Notes:

Samples analyzed by Alpha Analytical Lab Number L1806872

mg/L = milligrams per liter

TCLP = toxicity characteristic leaching procedure, EPA Method 1311/RCRA Toxicity Characteristic Standards

J = Sample value greater than limit of detection but less than limit of quantitation

U = Undetected

BFT = belt filter

PC03 = Portland cement 3%

CC03 = calciment 3%

GVT = gravity drained

TABLE C-17
Comparison of TCLP Results to Connecticut Goundwater Standards
Stabilized Samples - Tipping Point Process
Stratford Army Engine Plant

Parameter	Units	TCLP	GW GB	TCLP Extract									
				SDT-XX-COMP-PC06		SDT-XX-COMP-PC08		SDT-XX-COMP-PC12		SDT-XX-COMP-PC14		TCLP Blank M-2038	
				9/29/2017		9/29/2017		9/29/2017		9/29/2017		9/29/2017	
				RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL
Arsenic, total	mg/L	5	0.5	0.014		0.0054		0.0029		0.0022		0.002	U
Barium, total		100	10	0.097		0.086		0.111		0.147		0.0054	
Cadmium, total		1	0.05	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U
Chromium, total		5	0.5	0.0093		0.021		0.034		0.038		0.002	U
Lead, total		5	0.15	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0006	
Mercury, total		0.2	0.02	0.00005	R1 U	0.00005	R1 U	0.00005	R1 U	0.00005	R1 U	0.00005	R1 U
Selenium, total		1	0.5	0.002	U	0.002	U	0.0023		0.002	U	0.002	U
Silver, total		5	0.36	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U

Notes:

Samples analyzed by EnviroSystems, Inc., Report Number 29852

PC06 = 6% Portland cement addition; PC08 = 8%; PC12 = 12%; PC14 = 14%

mg/L = milligrams per liter

TCLP = toxicity characteristic leaching procedure, EPA Method 1311/RCRA Toxicity Characteristic Standards, No exceedances.

GW GB = CT Groundwater Quality GB Protection Standards, No exceedances

R1 = Sample extracted out of hold time

U = Undetected

TABLE C-18
Comparison of SPLP Results to Connecticut Groundwater Standards
Stabilized Samples - Tipping Point Process
Stratford Army Engine Plant

Method Group	Parameter	Units	GW GB	SPLP Extract									
				SDT-XX-COMP-PC06		SDT-XX-COMP-PC08		SDT-XX-COMP-PC12		SDT-XX-COMP-PC14		SPLP Blank M-2037	
				9/29/2017		9/29/2017		9/29/2017		9/29/2017		9/29/2017	
				RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL	RESULT	QUAL
Metals	Arsenic, total	mg/L	0.5	0.0022		0.0016		0.0013		0.0013		0.001	U
	Cadmium, total		0.05	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
	Chromium, total		0.5	0.0053		0.015		0.0013		0.031	J8	0.001	U
	Copper, total		13	0.087		0.118		0.105		0.319	J8	0.0009	
	Lead, total		0.15	0.0002	U	0.0002	U	0.0002	U	0.0005		0.0002	U
	Mercury, total		0.02	0.00005	R1 U	0.00005	R1 U	0.00005	R1 U	0.00005	R1 U	0.00005	U
	Nickel, total		1	0.056		0.076		0.082		0.091		0.0016	
	Silver, total		0.36	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
	Zinc, total		50	0.012		0.0053		0.0036		0.0042		0.0071	
PCBs	chlorobiphenyl	ug/L	5	0.001	U	0.001	U	0.001	U	0.001	U	0.0009	U
	decachlorobiphenyl		5	0.001	U	0.001	U	0.001	U	0.001	U	0.0005	U
	dichlorobiphenyl		5	0.007		0.007		0.007		0.005		0.0024	U
	heptachlorobiphenyl		5	0.004	U	0.004	U	0.004	U	0.004	U	0.0036	U
	hexachlorobiphenyl		5	0.004	U	0.004	U	0.004	U	0.004	U	0.0042	U
	nonachlorobiphenyl		5	0.001	U	0.001	U	0.001	U	0.001	U	0.0009	U
	octachlorobiphenyl		5	0.002	U	0.002	U	0.002	U	0.002	U	0.0024	U
	pentachlorobiphenyl		5	0.005	U	0.005	U	0.005	U	0.005	U	0.0046	U
	tetrachlorobiphenyl		5	0.024		0.023		0.021		0.017		0.0042	U
	trichlorobiphenyl		5	0.042		0.031		0.042		0.033		0.0024	U
	Total PCBs		5	0.077		0.061		0.070		0.056		0.03	U

Notes:

Samples analyzed by EnviroSystems, Inc., Report Number 29852
U = Undetected
R1 = Sample extracted out of hold time
J8 = Duplicate %RR above limit
PC06 = 6% Portland cement addition; PC08 = 8%; PC12 = 12%; PC14 = 14%
mg/L = milligrams per liter
ug/L = micrograms per liter
SPLP = synthetic precipitation leaching procedure, EPA Method 1312
GW GB = CT Groundwater Quality Class GB Protection Standards, No exceedances.
PCBs = polychlorinated biphenyls

ATTACHMENT A
Field Data Reports



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3616176064 Logger: A. Clark
 Sub: TG+B WD: — Crew: Mark Avakian
 Date: 9/2/17 Time: 1300 Vessel: Coring Cardina

Coordinates: Easting _____ Northing _____

Sampling Station: SDT-01-001

Weather/Conditions: mostly cloudy, breeze, 75°F Traffic: light Water Temp: _____

Measured Water Depth (ft): <u>3.90'</u>	Coring Notes: <u>vibracore</u>
Core Liner tube length (ft): <u>4.5'</u>	
Core Penetration (ft): <u>4.5'</u> Core Recovery (ft): <u>4.5'</u>	
Calculated Percent Recovery: <u>4.5/4.5 = 100</u>	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-01-COMP-001	0-2.5' black silty clay w/ some shells. organic odor	
1-2'		2.5-2.7' dark gray silt, mica.	
2-4'		2.7-4.5' black silty clay w/ some shells. organic odor.	
4-5'			
5-8'		bottom of core	
6-7'			
7-8'			

Number of containers:	<u>0</u>	<u>0</u>	<u>0</u>	<u>3</u>	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type <u>spiral</u> Capacity

Live Organisms present	<u>Y</u> <u>(N)</u>	Comments <u>Composite samples, 5 gal bucket</u>
Oil-Like Present	<u>Y</u> <u>(N)</u>	
Odor Present	<u>Y</u> <u>(N)</u>	
Debris Present	<u>Y</u> <u>(N)</u>	
Photo Numbers	<u>1-5</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3616176064 Logger: A. Clark
 Sub: TG+B WO: - Crew: Mark MacLean
 Date: 8/2/17 Time: 1420 Vessel: Coring Caisson

Coordinates: Easting _____ Northing _____
 Sampling Station: SDT-01-002

Weather/Conditions: cloudy Traffic: none Water Temp: _____
 Measured Water Depth (ft): 2.6
 Core Liner tube length (ft): 5.0 Coring Notes: vibracore
 Core Penetration (ft): 4.0 Core Recovery (%): 4.0
 Calculated Percent Recovery: 100%

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-01-CORR-002	0-1.9' black marine silt w/ few small shells.	
1-2'		organic odor	
3-4'		1.9-2.6 dk gray, laminated silt & clay	
4-5'		2.6-4 black marine silt, woody debris 4' - bottom of core	
5-6'			
6-7'			
7-8'			

Number of containers: _____ Equipment: 5 gal bucket
 Type of container: 40 ml VOA Amber Jar Plastic bag other Sampler Type: bucket
 Capacity: _____

Live Organisms present: Y (N)
 Oil-Like Present: Y (N)
 Odor Present: (N) - ORS
 Debris Present: Y (N)
 Photo Numbers: 6-8
 Comments: _____



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3616176064 Logger: A Clark
 Sub: TGT WO: Crew: Mark Buckler
 Date: 8/21/17 Time: 1440 Vessel: Coring Corolla

Coordinates: Easting _____ Northing _____

Sampling Station: SPT-01-004

Weather/Conditions: cloudy, 80°F Traffic Light _____ Water Temp: _____

Measured Water Depth (ft)	<u>2.3'</u>	Coring Notes: <u>W/brackish vibracore</u>
Core Liner tube length (ft)	<u>5'</u>	
Core Penetration (ft)	<u>4.5'</u>	
Core Recovery (ft)	<u>4.5'</u>	
Calculated Percent Recovery:	<u>100%</u>	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	<u>SPT-01-CAMP-001</u>	0-2.3' dk brown/bk. micaceous silty silt w/ oily sheen.	
1-2'		2.3-2.8' dk gray mica rich silty-sand	
2-4'		2.8-4' black silty fine sand w/ some woody debris.	
4-5'		4.0 - bottom of core	
5-6'			
6-7'			
7-8'			

Number of containers:	—	—	—	<u>5 gal</u>	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type Capacity

Live Organisms present <u>Y</u> <u>(N)</u> Oil-Like Present <u>(Y)</u> <u>N</u> Odor Present <u>Y</u> <u>(N)</u> Debris Present <u>Y</u> <u>(N)</u>	Comments
Photo Numbers: <u>N-20</u>	



Stratford Army Engine Plant - Feasibility Study

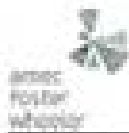
SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616376064	Logger: A. Clark
Sub: T0+B	WO:	Crew: Mark Prohaska
Date: 8/2/17	Time: 1430	Vessel: Coring Coaxial
Coordinates: Easting	Northing	
Sampling Station: SDT-01-005		
Weather/Conditions: cloudy, 78°F		Traffic: none
Measured Water Depth (ft): 2.5		Coring Notes: VIBALCONE A
Core Liner tube length (ft): 5.0		
Core Penetration (ft): 4.0	Core Recovery (ft): 4.0	
Calculated Percent Recovery: 100%		

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-DI-CAMP-001	0-2.5 dk brown/bk marine silt w/ some oily sheen, many shells	
1-2'		2.5-2.9 dk gray marine silt, uniform + laminated	
3-4'		2.9-4.0 black marine silt w/ some woody debris	
4-5'		4.0 - bottom of core	
5-6'			
6-7'			
7-8'			

Number of containers:	—	—	—	5 gal	other	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag			Sampler Type: VIBALCONE Capacity: —

Live Organisms present: Y N Oil-Like Present: Y N Odor Present: Y N Debris Present: Y N	Comments
Photo Numbers <div style="text-align: center; font-size: 1.5em;">21-25</div>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: <u>A. Clark</u>
Sub: <u>T6 + B</u>	WO:	Crew: <u>Mark Puckett</u>
Date: <u>8/2/17</u>	Time: <u>1500</u>	Vessel: <u>Coring Crane</u>

Coordinates: Easting _____ Northing _____

Sampling Station: SDT-01-006

Weather/Conditions: cloudy, 71°F Traffic: none Water Temp: _____

Measured Water Depth (ft): <u>2.5'</u>	Coring Notes:
Core Liner tube length (ft): <u>5.0'</u>	
Core Penetration (ft): <u>4.0'</u> Core Recovery (ft): <u>4.0'</u>	
Calculated Percent Recovery: <u>100%</u>	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-01-COMP-001	0-2.4' black marine silt w/ oily sheen throughout.	
1-2'		Coast sand lenses w/ shells @ 0.6-0.7.	
2-3'		2.4 - 2.9: dk gray mica rich silt, hard	
3-4'		2.9 - 4.0: black marine silt	
4-5'		Few shells.	
5-6'		4.0: bottom of cal	
6-7'			
7-8'			

Number of containers:	-	-	5 gal / other	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	Sampler Type: _____ Capacity: _____

Live Organisms present: <u>X</u> <u>(N)</u> Oil-Like Present: <u>Y</u> <u>(N)</u> Odor Present: <u>Y</u> <u>(N)</u> Debris Present: <u>Y</u> <u>(N)</u>	Comments <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> Photo Numbers <u>24-30</u> </div>
--	---



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: <u>A. Clark</u>
Sub: <u>TG1B</u>	WD:	Crew: <u>Mark Anderson</u>
Date: <u>8/2/17</u>	Time: <u>1517</u>	Vessel: <u>Coring Corolla</u>
Coordinates: Easting	Northing	
Sampling Station: <u>SPT-01-003</u>		
Weather/Conditions: <u>cloudy, 76°F</u>		Traffic: <u>none</u>
Measured Water Depth (ft): <u>2.3</u>		Coring Notes:
Core Liner tube length (ft): <u>5.0</u>		
Core Penetration (ft): <u>4.0</u>	Core Recovery (ft): <u>4.0</u>	
Calculated Percent Recovery: <u>100%</u>		

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	<u>SPT-01-com-P-001</u>	<u>0-4' : black marine silts</u>	<u>w/ few shells throughout.</u>
1-2'			
3-4'		<u>4.0 bottom of core</u>	
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers:	—	—	—	<u>5</u>	<u>500</u>	Equipment
Type of container:	<u>40 ml VOA</u>	<u>Amber Jar</u>	<u>Plastic bag</u>	<u>offer</u>		Sampler Type Capacity

Live Organisms present <u>Y</u> Oil-Like Present <u>Y</u> Odor Present <u>Y</u> Debris Present <u>Y</u>	Comments
Photo Numbers <u>30-35</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3616176064 Logger: A. Clerk
 Sub: TG + B WO: - Crew: Mark A.
 Date: 8/2/17 Time: 1530 Vessel: Coring Cochine

Coordinates: Easting _____ Northing _____

Sampling Station: SDT-01-008

Weather/Conditions: rain, 76°F Traffic: none Water Temp: _____

Measured Water Depth (ft): <u>2.9 to 2.5'</u>	Coring Notes:
Core Liner tube length (ft): <u>5.0</u>	
Core Penetration (ft): <u>4.0'</u> Core Recovery (ft): <u>4.0'</u>	
Calculated Percent Recovery: <u>100%</u>	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1	SDT-01-100P-001	0-2	
1-2		0-1.1' black marine silts w/ some shells + slight oily sheen, odor	
3-4		1.1-1.2: dk gray silts	
4-5		1.2-2.6: black marine silts w/ more prominent oily sheen throughout, odor	
5-6		2.6-3.0: dk brownish/gray silty sands, laminated	
6-7		3.0-4.0: black marine silts	
7-8		no oily sheen or shells	

Number of containers:	-	-	-	5 gal	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type <u>diaphragm</u> Capacity

Life Organisms present <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N Oil-Like Present <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N Odor Present <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N Debris Present <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	Comments Photo Numbers <u>36-40</u>
--	---



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3616176064 Logger: A. Clerk
 Sub: T01B WO: - Crew: Mark A.
 Date: 8/2/17 Time: 1540 Vessel: Coring Cardine

Coordinates: Easting _____ Northing _____
 Sampling Station: SOT-01-009

Weather/Conditions: W.P., 76°F Traffic: none Water Temp: _____
 Measured Water Depth (ft): 2.9 feet
 Core Liner tube length (ft): 5.0
 Core Penetration (ft): 4.0 Core Recovery (ft): 4.0
 Calculated Percent Recovery: 100%

Coring Notes:

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SOT-01-Comp-001	0-4' black silty w/ oily sheen throughout.	
1-2'		odor, waxy debris at 1.1-1.3'	
3-4'			
4-5'		4.0' end of boring.	
5-6'			
6-7'			
7-8'			

Number of containers: _____
 Type of container: 40 ml VOA Amber Jar Plastic bag Seal other _____
 Equipment: _____
 Sampler Type: _____
 Capacity: _____

Live Organisms present: Y
 Oil-Like Present: N
 Odor Present: N
 Debris Present: Y

Photo Numbers: 41-45

Comments: _____



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3616176064 Logger: R. Ciesla
 Sub: TG+B WO: - Crew: Mark A
 Date: 8/3/12 Time: 1507 Vessel: coring corvair

Coordinates: Easting _____ Northing _____

Sampling Station: ~~SDT-04-46~~ SDT-01-010

Weather/Conditions: swamp, 76°F Tides: Light Water Temp: _____

Measured Water Depth (ft): <u>30</u>	Coring Notes:
Core Liner tube length (ft): <u>5</u>	
Core Penetration (ft): <u>4'</u> Core Recovery (ft): <u>4'</u>	
Calculated Percent Recovery: <u>100%</u>	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-01-010	0-2.1': black silt w/ some vegetation, slight fork debris	
1-2'		Oily sheen	
2-3'		2.1-2.3: med gray fine sands, uniform	
3-4'		2.3-3.7: black silt w/ some shells	
4-5'		3.7-4.0: quartz-rich gray med-grained sands	
5-6'		4: bottom of core	
6-7'			
7-8'			

Number of containers:	<u>-</u>	<u>-</u>	<u>-</u>	<u>55L bucket</u>	Equipment
Type of container:	<u>40 ml VOA</u>	<u>Amber Jar</u>	<u>Plastic bag</u>	<u>other</u>	Sampler Type <u>V. D.M.</u> Capacity _____

Live Organisms present: <u>Y (N)</u> Oil-Like Present: <u>Y (N)</u> Odor Present: <u>Y (N)</u> Debris Present: <u>Y (N)</u>	Comments
Photo Numbers <u>143 + 146</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: <u>A. Clark</u>
Sub: <u>TG+B</u>	WO:	Crew: <u>Mark A.</u>
Date: <u>8/3/17</u>	Time: <u>1511</u>	Vessel: <u>Cooring coring</u>
Coordinates: Easting	Northing	
Sampling Station: <u>SDE-01-47</u> <u>SDT-01-011</u>		
Weather/Conditions: <u>sunny, Fla Y</u>		Traffic: <u>light</u>
Measured Water Depth (ft): <u>2.9'</u>		Coring Notes:
Core Liner tube length (ft): <u>5'</u>		
Core Penetration (ft): <u>4'</u>	Core Recovery (ft): <u>4'</u>	
Calculated Percent Recovery: <u>100%</u>		

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-01-Camp-001	0-4' blackish-brown	
1-2'		marine silts w/ few	
2-3'		vegetation + small	
3-4'		shells only seen from	
4-5'		0-1.5' Fecal odor	
5-6'		wire @ 4'; gray sand	
6-7'		lensing @ 3.32'	
7-8'		4' bottom of core	

Number of containers:	—	—	—	5 gal bucket	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type <u>KLDA</u> Capacity —

Live Organisms present <u>Y (N)</u> Oil-Like Present <u>(Y) N</u> Odor Present <u>(N) N</u> Debris Present <u>Y (N)</u>	Comments
Photo Numbers <u>47-150</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3515175064 Logger: H. Clark
 Sub: T6+B WO: Crew: Mark A.
 Date: 8/3/17 Time: 1515 Vessel: CRUIS COOLING

Coordinates: Easting Northing

Sampling Station: SDT-01-47 SDT-01-012

Weather/Conditions: Sunny, 76°F Traffic: light Water Temp:

Measured Water Depth (ft): 7.9' Coring Notes:

Core Liner tube length (ft): 5'

Core Penetration (ft): 4' Core Recovery (ft): 4'

Calculated Percent Recovery: 100%

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-01-Comp-001	0-0.7- black marine silts, org odor	
1-2'		0.7-1.0- coarse gray mica- rich sand.	
3-4'		1.0-4.0 blackish brown silts w/ few shells.	
4-5'		gray med.-grained sand	
5-6'		bedrock @ 2.3', 2.6' + 3.1'	
6-7'		4.0 bottom of core	
7-8'			

Number of containers: — — — 55 gal bucket Equipment

Type of container: 40 ml VOA Amber Jar Plastic bag other Sampler Type vibrs Capacity

Like Organisms present: <u>Y (N)</u> Oil-Like Present: <u>Y (N)</u> Odor Present: <u>Y (N)</u> Debris Present: <u>Y (N)</u>	Comments Photo Numbers <u>151-154</u>
--	--



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3616176064 Logger: A. Clark
 Sub: TG+B WO: - Crew: Mark A
 Date: 8/3/17 Time: 1518 Vessel: CO/115 C/40416

Coordinates: Easting _____ Northing _____

Sampling Station: SDT-01-09 SDT-01-013

Weather/Conditions: Windy, 76°F Traffic Light Water Temp: _____

Measured Water Depth (ft): 3.0 Coring Notes: _____
 Core Liner tube length (ft): 5'
 Core Penetration (ft): 4' Core Recovery (ft): 4'
 Calculated Percent Recovery: 100%

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-01-014	0-4': black marine silts	
1-2'		w/ few shells throughout.	
3-4'		Chy shell from 0-1'	
4-5'		gray sand lensing + 2.5'	
4-5'		4 - bottom of cores	
5-6'			
6-7'			
7-8'			

Number of containers: -

Type of container: 40 ml VOA Amber Jar Plastic bag Soil other

Equipment: Sampler Type V. 1022 Capacity -

Live Organisms present: Y (N)
 Oil-Like Present: N
 Odor Present: N
 Debris Present: N

Photo Numbers: 155-158

Comments: SDT-01-014 + SDT-01-015 will not be completed



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3616176064 Logger: A. Clark
 Sub: TG+B WO: Crew: Mark A
 Date: 8/3/12 Time: 1545 Vessel: coring corolline

Coordinates: Easting _____ Northing _____
 Sampling Station: SDT-01-016

Weather/Conditions: Sunny, 76°F Traffic: light Water Temp: _____

Measured Water Depth (ft): 2.8 Coring Notes: _____
 Core Liner tube length (ft): 5'
 Core Penetration (ft): 4.5 Core Recovery (ft): 4.5
 Calculated Percent Recovery: 100%

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-01-COMP-000	0-9.5': black marine silt w/	
1-2'		few veg. + shells	
3-4'		through out, odor	
4-5'		+ oily sheen prominent	
5-6'		through 0-3.5' of	
6-7'		coring	
7-8'		4.5': bottom of core	
8-9'			

Number of containers: _____ Equipment: _____
 Type of container: 40 ml VOA Amber Jar Plastic bag 5 gal bucket Sampler Type: V. Birk
 Capacity: _____

Live Organisms present: Y(N)
 Oil-Like Present: (N)
 Odor Present: (N)
 Debris Present: Y(N)
 Photo Numbers: 19-162
 Comments: _____



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3510176064	Logger: <i>A. Clark</i>	
Sub: <i>T6+B</i>	WD:	Crew: <i>MILK A</i>	
Date: <i>8/3/17</i>	Time: <i>1548</i>	Vessel: <i>Eding Cardine</i>	
Coordinates: Easting	Northing		
Sampling Station: <i>SDT-01-017</i>			
Weather/Conditions: <i>Sunny, 76°F</i>	Tide: <i>High</i>	Water Temp:	
Measured Water Depth (ft): <i>2.8</i>	Coring Notes:		
Core Liner tube length (ft): <i>5'</i>			
Core Penetration (ft): <i>4'</i>			Core Recovery (ft): <i>4'</i>
Calculated Percent Recovery: <i>100%</i>			

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	<i>SDT-01-COMP-002</i>	<i>0-4' : black marine silt + w/ few veg + shells. Oily sheen + odor from 0-2.5' Coarse sand lens from 3.3-3.5'</i>	
1-2'			
2-3'			
3-4'			
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers:	<i>-</i>	<i>-</i>	<i>-</i>	<i>5 gal</i> <i>bucket</i>	Equipment
Type of container:	<i>40 ml VOA</i>	<i>Amber Jar</i>	<i>Plastic bag</i>	<i>other</i>	Sampler Type: <i>V.O.A.</i> Capacity: <i>-</i>

Live Organisms present	<i>Y</i> <i>N</i> <i>N</i> <i>N</i>	Comments
Oil-Like Present		
Odor Present		
Debris Present		
Photo Numbers	<i>1103-1166</i>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3615175054	Logger: <i>A. Sisk</i>	
Sub: <i>TG+D</i>	WD:	Crew: <i>Mark A</i>	
Date: <i>8/3/17</i>	Time: <i>1352</i>	Vessel: <i>coring machine</i>	
Coordinates: Easting	Northing		
Sampling Station: <i>SDT-01-018</i>			
Weather/Conditions: <i>sunny, 77°F</i>		Traffic: <i>light</i>	
Measured Water Depth (ft): <i>3.2</i>	Coring Notes:		
Core Liner tube length (ft): <i>5'</i>			
Core Penetration (ft): <i>4'</i>			Core Recovery (ft): <i>4'</i>
Calculated Percent Recovery: <i>100%</i>			

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	<i>*</i>	<i>0-4' black marine silts</i>	
1-2'		<i>w/ oily sheen & odor</i>	
		<i>And 0-2' wood</i>	
		<i>fragments @ 3.3'</i>	
3-4'		<i>4' bottom of core</i>	
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers:	<i>2</i>	<i>—</i>	<i>—</i>	Equipment
Type of container:	40 ml WOA	Amber Jar	Plastic bag	Sampler Type: <i>V.P.M.</i>
			other	Capacity: <i>—</i>

Live Organisms present: <i>Y</i> <input checked="" type="checkbox"/> <i>N</i> <input type="checkbox"/> Oil-Like Present: <i>Y</i> <input checked="" type="checkbox"/> <i>N</i> <input type="checkbox"/> Odor Present: <i>Y</i> <input checked="" type="checkbox"/> <i>N</i> <input type="checkbox"/> Debris Present: <i>Y</i> <input checked="" type="checkbox"/> <i>N</i> <input type="checkbox"/>	Comments <i>* SDT-01-018-0002 for SPLP met/PCBs</i> <i>SDT-01-018-0204 for SPLP met/PCBs</i>
Photo Numbers	
<i>167-170</i>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3626176064 Logger: A Clark
 Sub: TG+B WO: - Crew: Mark A.
 Date: 8/3/17 Time: 1603 Vessel: coaring coccolite

Coordinates: Easting _____ Northing _____

Sampling Station: SDT-01-019

Weather/Conditions: sunny, 76°F Traffic: light Water Temp: _____

Measured Water Depth (ft): 3.0' Coring Notes: _____
 Core Liner tube length (ft): 5'
 Core Penetration (ft): 4' Core Recovery (ft): 4'
 Calculated Percent Recovery: 100%

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	<u>+</u>	<u>0-4' marine black silts</u>	
1-2'		<u>wl. few shells. Oily</u>	
2-3'		<u>slurp 0-2.5' +</u>	
3-4'		<u>odor. Few shells</u>	
4-5'		<u>throughout.</u>	
5-6'		<u>4 - bottom of core</u>	
6-7'			
7-8'			

Number of containers: _____ Equipment: _____
 Type of container: 40 ml VOA Amber Jar Plastic bag other Sampler Type: V. B. 200
 Capacity: _____

Live Organisms present: <u>Y</u> Oil-Like Present: <u>N</u> Odor Present: <u>N</u> Debris Present: <u>Y</u>	Comments <u>SDT-01-019-0001 for TOL, Geo, SpG 1605</u> <u>11 -0102 " 1610</u> <u>11 -0204 " 1615</u>
Photo Numbers <u>171-174</u>	



Stratford Army Engine Plant - Feasibility Study
SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant

Project No.: 3616176064

Logger: A CLARK

Sub: T62 B

WO: _____

Crew: MARK A

Date: 8/03/17

Time: 130

Vessel: CORONA CAROLINA

Coordinates: Easting _____

Northing _____

Sampling Station: SPT-04-20

Weather/Conditions: SUNNY 73°F

Traffic: NONE

Water Temp: _____

Measured Water Depth (ft): 3.5

Core Liner tube length (ft): 3'

Coring Notes:

Core Penetration (ft): 2'

Core Recovery (ft): 2'

Calculated Percent Recovery: 100%

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SPT-04-ramp-001	0-0.2 - black silt	
1-2'		0.2-0.4 gray med gravel sands - quartz rich - strong odor	
2-4'		0.4-0.6 - black silt	
		0.6-1.0 - med gray lam. sands uniform	
4-5'		1.0-1.5 black silt uniform	
5-6'		1.5-2.0 med brown silt, some bioturbation	
6-7'		2. bottom of core	
7-8'			

Number of containers:				5 GAL BUCKET	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type: WATER
					Capacity: _____

Live Organisms present	Y
Oil-Like Present	Y
Odor Present	Y
Debris Present	Y

Photo Numbers
95 + 96

Comments



Stratford Army Engine Plant - Feasibility Study
SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3616376064 Logger: H. Clark
 Sub: F&B WO: _____ Crew: Mark A
 Date: 08/03/17 Time: 1057 Vessel: CORING CAROLINA

Coordinates: Easting _____ Northing _____

Sampling Station: SOT-04-021

Weather/Conditions: SUNNY 78°F Traffic: NONE Water Temp: _____

Measured Water Depth (ft): 3.5'
 Core Liner tube length (ft): 3'
 Core Penetration (ft): 2' Core Recovery (ft): 2'
 Calculated Percent Recovery: 100%

Coring Notes: _____

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SOT-04-CORP-001	0-0.4 - black marine silts,	
1-2'		Some mays (Aul) odor	
2-3'		0.4 - 0.6 gray coarse	
3-4'		with iron sands	
4-5'		0.6 - 1.1 gray fine sands,	
5-6'		lay red	
6-7'		1.1 - 1.6 - black silts, some	
7-8'		veg	
		1.6 - 2 - brown silts, some	
		veg	
		2.0 - bottom of core	

Number of containers:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5 GAL BUCKET other	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag		Sampler Type <u>VIBRA</u> Capacity

Live Organisms present	<u>Y</u> <u>(N)</u>
Oil-Like Present	<u>Y</u> <u>(N)</u>
Odor Present	<u>Y</u> <u>(N)</u>
Debris Present	<u>Y</u> <u>(N)</u>

Comments

Photo Numbers
97 + 98



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3616170064 Logger: A. CLARK
 Sub: T440 WO: — Crew: MARK A
 Date: 05/05/17 Time: 1102 Vessel: CRIPPER CARGO 183A

Coordinates: Easting _____ Northing _____

Sampling Station: T44-04-02

Weather/Conditions: SUNNY @ 73°F Traffic: ABSE Water Temp: —

Measured Water Depth (ft): <u>39'</u>	Coring Notes:
Cone Liner tube length (ft): <u>7'</u>	
Cone Penetration (ft): <u>2'</u> Core Recovery (ft): <u>2'</u>	
Calculated Percent Recovery: <u>100%</u>	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-04-COMP-001	0-2' : black silts w/ fuel odor. red to fine mica-rich gray sand lining	
1-2'			
2-3'		0.7', 1.1-1.3'	
4-5'		2. bottom of core	
5-6'			
6-7'			
7-8'			

Number of containers: <u>✓</u>	<u>—</u>	<u>—</u>	<u>—</u>	5 4oz. BOTTLES	Equipment
Type of container: <u>40 ml VOA</u>	<u>Amber Jar</u>	<u>Plastic bag</u>	<u>other</u>	<u>other</u>	Sampler Type: <u>VOEA</u> Capacity: _____

Live Organisms present Y (N) Oil-Like Present Y (N) Odor Present Y (N) Debris Present Y (N)	Comments
Photo Numbers <u>99 + 100</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3616176064 Logger: A CLARK
 Sub: T6/B WO: — Crew: MARK A
 Date: 08/03/17 Time: 1105 Vessel: COXING LAROLINA
 Coordinates: Easting _____ Northing _____

Sampling Station: SDT-01-023

Weather/Conditions: sunny 73°F Traffic: None Water Temp: —

Measured Water Depth (ft): 3.9'
 Core Liner tube length (ft): 3'
 Core Penetration (ft): 2' Core Recovery (ft): 2'
 Calculated Percent Recovery: 100%

Coring Notes:

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'		0-0.5 - black silts w/ fuel odor & shells.	
1-2'		0.5-0.9 brown silts, uniform	
2-3'		0.9-1.0 gray-med sands	
3-4'		1.0-1.3 brown silts, uniform	
4-5'		1.3-2.0 black silts, some shells.	
5-6'		2 - bottom of core.	
6-7'			
7-8'			

SDT-01-023-001

Number of containers:	✓						Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	5 GAL	OTHER	other	Sampler Type <u>VIBRA</u> Capacity

Live Organisms present Y (N) Oil-Like Present Y (N) Odor Present Y (N) Debris Present Y (N)	<p style="text-align: center; font-weight: bold;">Comments</p>
Photo Numbers <u>101 + 102</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3516176064
 Sub: TC1 + B Date: 8/3/17 Time:
 Logger: A Clark
 Crew: Mark A
 Vessel: Coring Caster

Coordinates: Easting _____ Northing _____

Sampling Station: 3DT-04-025

Weather/Conditions: Sunny, 75°F Traffic: none Water Temp: _____

Measured Water Depth (ft): 3.9' Core Liner tube length (ft): 3' Core Penetration (ft): 2' Core Recovery (ft): 2' Calculated Percent Recovery: 100%

Coring Notes:

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	3DT-04-TEMP-001	0-0.9 black silt-s, some vegetation, odor	
1-2'		0.9-1.0 - silty fine sands	
2-3'		1.0-1.9 - black silt-s, some shells + veg.	
3-4'		1.9-2.0 - brown silts w/ bioturb.	
4-5'		2.0 - bottom of core	
5-6'			
6-7'			
7-8'			

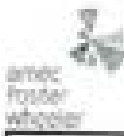
Number of containers: _____ Equipment: _____

Type of container: 40 ml VOA Amber Jar Plastic bag Squalid other Sampler Type: V. Lissa Capacity: _____

Live Organisms present: Y (N)
 Oil-Like Present: Y (N)
 Odor Present: Y (N)
 Debris Present: Y (N)

Photo Numbers
 105 + 106

Comments



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3616176004 Logger: A. Clark
 Sub: TG-13 WO: Crew: Mack A
 Date: 8/3/17 Time: 1120 Vessel: Coring corral

Coordinates: Easting _____ Northing _____

Sampling Station: SDT-04-026

Weather/Conditions: sunny, 75°F Traffic: none Water Temp: _____

Measured Water Depth (ft): 3.1 Coring Notes: _____
 Core Liner tube length (ft): 3
 Core Penetration (ft): 2' Core Recovery (ft): 2'
 Calculated Percent Recovery: 100%

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'		0-1.0 - med brown silts w/	
1-2'		vegetation + lg gravel	
		sand lensing throughout	
2-4'		1.0-1.6 - black organic silts	
		w/ some vegetation + odor	
4-5'		1.6-2.0 med brown silts	
		w/ bio turb	
5-8'		2.0 bottom of core	
6-7'			
7-8'			

SDT-04-026-001

Number of containers:	—	—	—	5 gal checked	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type <u>Kilbuck</u> Capacity

Live Organisms present: Y
 Oil-Like Present: Y
 Odor Present: Y
 Debris Present: Y

Photo Numbers
107 + 108

Comments



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: <u>A. Clark</u>
Sub: T C 1 B	WO: —	Crew: <u>Mark A.</u>
Date: <u>8/3/17</u>	Time: <u>1125</u>	Vessel: <u>Coring cutter</u>
Coordinates: Easting	Northing	
Sampling Station: <u>SST-04027</u>		

Weather/Conditions: <u>Sunny, 74°F</u>	Traffic: <u>none</u>	Water Temp:
Measured Water Depth (ft): <u>3.7</u>	Coring Notes:	
Core Liner tube length (ft): <u>3'</u>		
Core Penetration (ft): <u>2'</u> Core Recovery (ft): <u>2'</u>		
Calculated Percent Recovery: <u>100%</u>		

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SST-04-TEMP. 0 CH	0-1.0 - brown silts w/ coarse sand leaving through our fuel str.	
1-2'		1.0-1.6 - black marine silts w/ oily sheen, odor.	
2-3'		1.6-2.0 - brown silts, uniform	
3-6'		2.0 - bottom of core	
6-7'			
7-8'			

Number of containers:	—	—	—	5 gal bucket	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type: <u>V. BGS</u> Capacity: —

Live Organisms present: <u>Y</u> Oil-Like Present: <u>N</u> Odor Present: <u>N</u> Debris Present: <u>N</u>	Comments <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> Photo Numbers <u>109+110</u> </div>
--	--



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: <u>A. Clark</u>		
Sub: <u>T618</u>	WO: <u>-</u>	Crew: <u>Mark A</u>		
Date: <u>8/3/17</u>	Time: <u>1130</u>	Vessel: <u>Coring Carolina</u>		
Coordinates: Easting _____	Northing _____			
Sampling Station: <u>SOT-01-028</u>				
Weather/Conditions: <u>Sunny, 73°F</u>		Traffic: <u>None</u>		
Measured Water Depth (ft): <u>3' 3"</u>		Coring Notes:		
Core Liner tube length (ft): <u>3'</u>				
Core Penetration (ft): <u>2'</u>	Core Recovery (ft): <u>2'</u>			
Calculated Percent Recovery: <u>100%</u>				
Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes	
0-1'	<u>SOT-01-COMP-001</u>	0-0.9 - med brown silts, org Odor		
1-2'		0.9-1.0 - gray med grained sands w/ many shells		
3-4'		1-1.8 - black silts w/ oily stain, odor.		
4-5'		1.8-2.0 - med brown silts, some veg.		
5-6'		2.0 - bottom of core		
6-7'				
7-8'				
Number of containers:	<u>-</u>	<u>-</u>	<u>-</u>	Equipment
Type of container:	<u>40 ml VOA</u>	<u>Amber Jar</u>	<u>Plastic bag</u>	<u>5" Soil Bucket</u> Sampler Type: <u>Wilco</u> Capacity: <u>-</u>
Live Organisms present	<u>Y</u>	Comments		
Oil-Like Present	<u>N</u>			
Odor Present	<u>N</u>			
Debris Present	<u>Y</u>			
Photo Numbers				
<u>111 + 112</u>				



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3516175004 Logger: A. CIGER
 Sub: T6+B WO: - Crew: Mark A
 Date: 8/3/17 Time: 1135 Vessel: Coring Cardigan

Coordinates: Easting _____ Northing _____

Sampling Station: SDT-04-029

Weather/Conditions: Windy 93°F Traffic: None Water Temp: _____

Measured Water Depth (ft): 5.3 Coring Notes: _____

Coring Liner tube length (ft): 3'

Coring Penetration (ft): 2' Core Recovery (ft): 2'

Calculated Percent Recovery: 100%

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-04-Comp-001	0-1.1' med brown silts	
1-2'		w/ org. clods, gray sand	
		benzene @ 0.8-0.9'	
3-4'		1.1-2.0 - blackish brown silts, some org.	
4-5'		2.0 - bottom of core	
5-6'			
6-7'			
7-8'			

Number of containers: _____ _____ _____ Synthetic Equipment _____

Type of container: 40 ml VOA Amber Jar Plastic bag other Sampler Type V.O.A. Capacity _____

Live Organisms present	<u>Y</u>	Comments
Oil-Like Present	<u>N</u>	
Odor Present	<u>Y</u>	
Debris Present	<u>Y</u>	
Photo Numbers	<u>113+114</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616376064	Logger: <u>A Clark</u>			
Sub: <u>Turb</u>	WO:	Crew: <u>Mark A</u>			
Date: <u>6/3/17</u>	Time: <u>1136</u>	Vessel: <u>CONAG CARDINE</u>			
Coordinates: Easting	Northing				
Sampling Station: <u>SDF-04-030</u>					
Weather/Conditions: <u>2004, 73°F</u>		Traffic: <u>none</u>			
Measured Water Depth (ft): <u>3.2</u>		Coring Notes:			
Core Liner tube length (ft): <u>3'</u>					
Core Penetration (ft): <u>2'</u>	Core Recovery (ft): <u>2'</u>				
Calculated Percent Recovery: <u>100%</u>					
Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes		
0-1'	<u>SDF-04-CUMM-001</u>	0-0.9 : brown silty w/ shells + vegetation.			
1-2'		gray sand lenses @ 0.7-0.8'			
3-4'		0.9 - 1.4 : black marine silts, some vegetation			
4-5'		1.4 - 2.0 : brown silts, lots of vegetation.			
5-6'		2.0 - bottom of core			
6-7'					
7-8'					
Number of containers:	—	—	—	5gal bucket other	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag		Sampler Type Capacity
Live Organisms present	Y (N)	Comments			
Oil-Like Present	Y (N)				
Odor Present	Y (N)				
Debris Present	Y (N)				
Photo Numbers					
<u>115 + 116</u>					



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3516376064	Logger: <u>D. Clark</u>			
Sub: <u>TG+B</u>	WO: <u>-</u>	Crew: <u>Mark A.</u>			
Date: <u>8/3/17</u>	Time: <u>1140</u>	Vessel: <u>coyote corraline</u>			
Coordinates: Easting _____	Northing _____				
Sampling Station: <u>SDF-04-031</u>					
Weather/Conditions: <u>Sunny, 73°F</u>		Traffic: <u>None</u>			
Water Temp: _____					
Measured Water Depth (ft): <u>3.7</u>	Coring Notes:				
Core Liner tube length (ft): <u>3</u>					
Core Penetration (ft): <u>2</u>			Core Recovery (ft): <u>2</u>		
Calculated Percent Recovery: <u>100%</u>					
Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes		
0-1'	SDF-04-COMP-001	0-0.7: black marine silts, org odor.			
1-2'		0.7-0.7: gray fine sands, layered			
2-3'		0.9-1.5: black silts, some veg.			
3-4'		1.5-2.0: bwn silts w/ some veg + shells			
4-5'					
5-6'					
6-7'					
7-8'					
Number of containers:	-	-	-	5.50l poly bag	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type: <u>V. bag</u> Capacity: <u>-</u>
Live Organisms present	Y <u>N</u>	Comments			
Oil-Like Present	Y <u>N</u>				
Odor Present	Y <u>N</u>				
Debris Present	Y <u>N</u>				
Photo Numbers					
117 + 118					



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant

Project No.: 3616175064

Logger: A. Clark

Sub: T6+B

WO: -

Crew: Mark A.

Date: 8/3/17

Time: 1150

Vessel: Coring Carolina

Coordinates: Easting

Northing

Sampling Station: SDT-04-032

Weather/Conditions: partly, 75°F

Traffic: None

Water Temp:

Measured Water Depth (ft): 30'

Coring Notes:

Core Liner tube length (ft): 3'

Core Penetration (ft): 2'

Core Recovery (ft): 3'

Calculated Percent Recovery: 100%

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-04-TAMP-001	0-0.4 - dk brown silty	
		0.15 color, shells	
1-2'		0.4-0.5 - med-grained	
		sands	
2-4'		0.5-2.0 - dk brown silty	
		some small shells +	
4-5'		veg.	
5-6'		2.0 - bottom of core	
6-7'			
7-8'			

Number of containers:

Type of container:

40 ml VOA

Amber Jar

Plastic bag

Soil
 other

Equipment

Sampler Type: V. Dred

Capacity:

Live Organisms present

Y N

Oil-Like Present

Y N

Odor Present

Y N

Debris Present

Y N

Comments

Photo Numbers

-119+120



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3616176064 Logger: A. Clark
 Sub: T6+B WO: Crew: Mark A.
 Date: 8/3/17 Time: 1215 Vessel: coring, corvidas

Coordinates: Easting _____ Northing _____

Sampling Station: SDT-04-033

Weather/Conditions: suny, 73°F Traffic: none Water Temp: _____

Measured Water Depth (ft): 3.0 Coring Notes: _____
 Core Liner tube length (ft): 3'
 Core Penetration (ft): 2' Core Recovery (ft): 2'
 Calculated Percent Recovery: 100%

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-04-comp-04	0-0.4 - brown silts, some veg. org odor	
1-2'		0.4 - 0.6 - shell-rich gray coarse sand	
2-4'		0.6 - 2.0' dark brown/black silts, some vegetation	
4-5'		2 - bottom of core	
5-6'			
6-7'			
7-8'			

Number of containers: _____ Equipment: _____
 Type of container: 40 ml VOA Amber Jar Plastic bag other _____ Sampler Type: Vibr Capacity: _____

Live Organisms present: Y (N)
 Oil-Like Present: Y (N)
 Odor Present: (N)
 Debris Present: (N)
 Photo Numbers: 121 + 122
 Comments: _____



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176054	Logger: <i>A Clark</i>	
Sub: TG-3	WO:	Crew: <i>Mark A</i>	
Date: <i>8/3/17</i>	Time: <i>1212</i>	Vessel: <i>coyote motor</i>	
Coordinates: Easting	Northing		
Sampling Station: <i>SDT-04-B4</i>			
Weather/Conditions: <i>SDT-04-34/0 Sunny, 73°F</i>		Traffic: <i>None</i>	
Measured Water Depth (ft): <i>2.8'</i>	Coring Notes:		
Core Liner Tube length (ft): <i>3'</i>			
Core Penetration (ft): <i>2'</i>			Core Recovery (ft): <i>2'</i>
Calculated Percent Recovery: <i>100%</i>			

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	<i>SDT-04-COMP-001</i>	<i>0-2' interlayered black & dark brown silts w/ vegetation in bottom 0.7' gray sand lensing @ 2' bottom of core.</i>	
1-2'			
2-3'			
3-4'			
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers:	—	—	—	<i>5 gal bucket</i>	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type: <i>VIRTS</i> Capacity: —

Live Organisms present: Y N Oil-Like Present: Y N Odor Present: Y N Debris Present: Y N	Comments
Photo Numbers <i>123 + 124</i>	



Stratford Army Engine Plant - Feasibility Study
SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3616176064 Logger: A Clark
 Sub: T4 + B WO: Crew: Mark A.
 Date: 8/3/17 Time: 1220 Vessel: coring machine

Coordinates: Easting _____ Northing _____

Sampling Station: SDF-04-B5

Weather/Conditions: SDF-04-350 Sunday, 74°F Traffic: none Water Temp: _____

Measured Water Depth (ft): 2.8'

Core Liner tube length (ft): 7' Coring Notes: _____

Core Penetration (ft): 2' Core Recovery (ft): 2'

Calculated Percent Recovery: 100%

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDF-04-Corner 001	0-2': blackish brown	
1-2'		marine silt w/ some	
2-3'		shells + vegetation	
3-4'		throughout, gray	
4-5'		sand lensing @ 2.6'	
5-6'		2. bottom of core	
6-7'			
7-8'			

Number of containers: _____ Equipment: _____

Type of container: 40 ml VOA Amber Jar Plastic bag 55 gal bucket Sampler Type: vibra

Capacity: _____

Live Organisms present	Y <u>(N)</u>	Comments
Oil-Like Present	Y <u>(N)</u>	
Odor Present	Y <u>(N)</u>	
Debris Present	Y <u>(N)</u>	
Photo Numbers	<u>125 + 126</u>	



Stratford Army Engine Plant - Feasibility Study
SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 34-16176004 Logger: A. Clark
 Sub: T6 + B WO: - Crew: Mark A
 Date: 8/3/13 Time: 1225 Vessel: COING COOLING

Coordinates: Easting _____ Northing _____

Sampling Station: SPT-04-036

Weather/Conditions: 201-04-036 Sunny 74 °F Traffic: none Water Temp: _____

Measured Water Depth (ft): 2.1
 Core Liner tube length (ft): 3.1
 Core Penetration (ft): 2 Core Recovery (ft): 2
 Calculated Percent Recovery: 100%

Coring Notes: _____

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SPT-04-036-01	0-0.5 black silts w/	
		oily smear, odor.	
1-2'		0.5-0.6 - med gray sand	
		lense.	
3-4'		0.6-1.3 black silts w/	
		some vegetation.	
4-5'		1.3-2.0 - med brown silts	
	w/ some shells		
5-6'	2.0 bottom of core		
6-7'			
7-8'			

Number of containers:	-	-	-	5 gal bucket other	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag		Sampler Type Capacity

Live Organisms present	Y <u>AD</u>	Comments
Oil-Like Present	Y <u>AD</u>	
Odor Present	Y <u>AD</u>	
Debris Present	Y <u>AD</u>	
Photo Numbers		
<u>127 + 128</u>		



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant
 Sub: TG + B

Project No.: 3616176054

Logger: A. Clark

WO: -

Crew: M/L/A

Date: 8/13/17

Time: 1226

Vessel: Conroy Corridor

Coordinates: Easting

Northing

Sampling Station: SDT-04-B3

Weather/Conditions: Sunny, 74°F

Traffic: none

Water Temp:

Measured Water Depth (ft): 2.6'

Coring Notes:

Core Liner tube length (ft): 31

Core Penetration (ft): 2' Core Recovery (ft): 2'

Calculated Percent Recovery: 100%

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-04-temp-00	0-1.0 - black organic silt	
1-2'		wt oily sheen, odor	
3-4'		1.0-2.0 - brown silts,	
4-5'		very firm, some	
5-6'		vegetation	
6-7'			
7-8'			

Number of containers:	-	-	-	550l washed other	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag		Sampler Type Capacity

Live Organisms present	Y (N)	Comments
Oil-Like Present	Y (N)	
Odor Present	Y (N)	
Debris Present	Y (N)	
Photo Numbers	129, 130	



Stratford Army Engine Plant - Feasibility Study
SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant

Project No.: 3616176064

Logger: A. Clark

Sub: T 6+3

WO:

Crew: Mark A.

Date: 8/3/17

Time: 1230

Vessel: 10' by 10' catamaran

Coordinates: Easting

Northing

Sampling Station: SDT-04-038

Weather/Conditions: sunny, 73°F

Traffic: none

Water Temp:

Measured Water Depth (ft): 2.6'

Coring Notes:

Core Liner Tube length (ft): 3'

Core Penetration (ft): 2'

Core Recovery (ft): 2'

Calculated Percent Recovery: 100%

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-04-ramp-001	0-0.7 black silts w/ shells,	
		org odor.	
1-2'		0.7-0.9 gray fine sands,	
		uniform.	
3-4'		0.9-1.3 - black silts w/	
		some veg.	
4-5'		1.3-2.0 - brown silts w/ some	
		shells.	
5-6'		2 - bottom of core	
6-7'			
7-8'			

Number of containers:

-

-

-

5 gal

Equipment

Type of container:

40 ml VOA

Amber Jar

Plastic bag

Bucket

Sampler Type

W/25m

Capacity

Live Organisms present

Y (N)

Oil-Like Present

(P) N

Odor Present

(P) N

Debris Present

Y (N)

Comments

Photo Numbers

131-132



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3610170064	Logger: H. Clark
Sub: T6+B	WO: -	Crew: Mick A
Date: 8/13/17	Time: 1231	Vessel: coring cocoon
Coordinates: Easting	Northing	
Sampling Station: SDF-04-039		
Weather/Conditions: Sunny, 74°F	Traffic: None	Water Temp:
Measured Water Depth (ft): 2.6'	Coring Notes:	
Core liner tube length (ft): 3'		
Core Penetration (ft): 2' Core Recovery (ft): 2'		
Calculated Percent Recovery: 100%		

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDF-04-comp-001	0-1.2' blackish brown silts	
1-2'		wl oily sheen + some veg.	
2-3'		1.2-2.0' brown silts wl	
3-4'		some veg.	
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers:				5 50L bins	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type: Wilson Capacity: -

Live Organisms present	Y (N)	Comments
Oil-Like Present	Y (N)	
Odor Present	Y (N)	
Debris Present	Y (N)	
Photo Numbers	133 + 134	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616170064	Logger: <u>A. Clark</u>
Sub: <u>T6r B</u>	WO:	Crew: <u>Mark Ac</u>
Date: <u>8/3/17</u>	Time: <u>1234</u>	Vessel: <u>coring location</u>
Coordinates: Easting	Northing	
Sampling Station: <u>SDT-04-040</u>		
Weather/Conditions: <u>SUNNY, 71°F</u>		Traffic: <u>None</u> Water Temp:
Measured Water Depth (ft): <u>3.10</u>	Coring Notes:	
Core Liner tube length (ft): <u>3</u>		
Core Penetration (ft): <u>2</u> Core Recovery (ft): <u>2</u>		
Calculated Percent Recovery: <u>100%</u>		

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	<u>SDT-04-040</u> <u>comp-out</u>	0-1.0 gray silty sands	
1-2'		with some coarse sand.	
2-3'		strong in org. detrit	
3-4'		10-20 blackish brown	
4-5'		silts w/ some veg.	
5-6'		- 2' bottom of core	
6-7'			
7-8'			

Number of containers:	—	—	—	Seal <u>Sealed</u>	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type: <u>VIA</u> Capacity: —

Live Organisms present: <u>Y</u> Oil-Like Present: <u>N</u> Odor Present: <u>N</u> Debris Present: <u>N</u>	Comments
Photo Numbers: <u>135 + 136</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Sub: T6+B	Project No.: 3616176064 WO: - Date: 8/3/17	Logger: A Clark Crew: Mark A. Vessel: coring, cooling, etc.	
Coordinates: Easting	Coordinates: Northing		
Sampling Station: SDT-04-041			
Weather/Conditions: sunny, 73°F		Traffic: none	
Measured Water Depth (ft): 2.6'		Coring Notes:	
Core Liner tube length (ft): 3'			
Core Penetration (ft): 2' Core Recovery (ft): 2'			
Calculated Percent Recovery: 100%			
Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-04-comp-001	0-2': dk brown to black silt	
1-2'		w/ strong inorganic odor. Some lg grains @ 0.6'	
2-4'		2' bottom of core	
4-5'			
5-6'			
6-7'			
7-8'			
Number of containers:		Equipment	
Type of container:	40 ml VOA Amber Jar Plastic bag	5 gal 5 gal other	Sampler Type: V. 10/14 Capacity: -
Live Organisms present: Y (N) Oil-Like Present: X (N) Odor Present: Y (N) Debris Present: Y (N)		Comments SDT-04-042 though SDT-04-049 will not exist	
Photo Numbers			
137 + 138			



**Stratford Army Engine Plant - Feasibility Study
SEDIMENT CORE and DISCRETE SAMPLE LOG**

Site: Stratford Army Engine Plant	Project No.: 3615176054	Logger: <u>P. Clark</u>																																	
Sub:	WO:	Crew: <u>Mark A</u>																																	
Date: <u>8/3/17</u>	Time: <u>1240</u>	Vessel: <u>CONY 6001077</u>																																	
Coordinates: Easting	Northing																																		
Sampling Station: <u>SDT-01-4050</u>																																			
Weather/Conditions: <u>SUNNY, 75°F</u>	Traffic: <u>None</u>	Water Temp:																																	
Measured Water Depth (ft): <u>2.6'</u>	Coring Notes:																																		
Core liner tube length (ft): <u>3'</u>																																			
Core Penetration (ft): <u>2'</u> Core Recovery (ft): <u>2'</u>																																			
Calculated Percent Recovery: <u>100%</u>																																			
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:15%;">Interval</th> <th style="width:15%;">Sample ID</th> <th style="width:50%;">Description (Odor, Color, Type, etc.)</th> <th style="width:20%;">Notes</th> </tr> </thead> <tbody> <tr> <td>0-1'</td> <td><u>+</u></td> <td><u>0.0-0.6 - dk brown silt, some shells, only sheer odor.</u></td> <td></td> </tr> <tr> <td>1-2'</td> <td></td> <td><u>0.6-1.2 - black silt, some veget det</u></td> <td></td> </tr> <tr> <td>2-4'</td> <td></td> <td><u>1.2-2 - dk brown silt, uniform, some ves.</u></td> <td></td> </tr> <tr> <td>4-5'</td> <td></td> <td></td> <td></td> </tr> <tr> <td>5-6'</td> <td></td> <td><u>2 - bottom of core</u></td> <td></td> </tr> <tr> <td>6-7'</td> <td></td> <td></td> <td></td> </tr> <tr> <td>7-8'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes	0-1'	<u>+</u>	<u>0.0-0.6 - dk brown silt, some shells, only sheer odor.</u>		1-2'		<u>0.6-1.2 - black silt, some veget det</u>		2-4'		<u>1.2-2 - dk brown silt, uniform, some ves.</u>		4-5'				5-6'		<u>2 - bottom of core</u>		6-7'				7-8'			
Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes																																
0-1'	<u>+</u>	<u>0.0-0.6 - dk brown silt, some shells, only sheer odor.</u>																																	
1-2'		<u>0.6-1.2 - black silt, some veget det</u>																																	
2-4'		<u>1.2-2 - dk brown silt, uniform, some ves.</u>																																	
4-5'																																			
5-6'		<u>2 - bottom of core</u>																																	
6-7'																																			
7-8'																																			
Number of containers: <u>2</u>	<u>1</u>	<u>—</u>	<u>—</u>	Equipment																															
Type of container: <u>40 ml VOA</u>	<u>Amber Jar</u>	<u>Plastic bag</u>	<u>other</u>	Sampler Type <u>VVOA</u> Capacity <u>—</u>																															
Live Organisms present <u>Y</u> <u>(N)</u>	<p align="center">Comments</p> <p><u>+ SDT-01-50-0002 for VOCs + SPLP metals + PCBs</u></p>																																		
Oil-Like Present <u>Y</u> <u>(N)</u>																																			
Odor Present <u>Y</u> <u>(N)</u>																																			
Debris Present <u>Y</u> <u>(N)</u>																																			
Photo Numbers																																			
<u>139+140</u>																																			



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3626176094	Logger: A. Clark
Sub: T6 + B	WO:	Crew: MGA A
Date: 8/3/17	Time: 1255	Vessel: coring caisson
Coordinates: Easting	Northing	
Sampling Station: SDT-04-4505φ		
Weather/Conditions: sunny, 73°F	Traffic: none	Water Temp:
Measured Water Depth (ft): 2.6'	Coring Notes:	
Coring Liner tube length (ft): 2'		
Coring Penetration (ft): 2' Core Recovery (ft): 2'		
Calculated Percent Recovery: 100%		

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	φ	0-0.6 dk brown silts, some shells, oily sheen	
1-2'		odor	
3-4'		0.6-1.2 - black silts, some vegetation.	
4-5'		1.2-2 dk brown silts, un. fin.	
5-6'		2 - bottom of core	
6-7'			
7-8'			

Number of containers:	—	4	—	—	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type: W/BCA Capacity: —

Live Organisms present: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Oil-Like Present: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Odor Present: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Debris Present: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Comments: φ SDT-04-05φ-0001 SAT-04-051-0002 Geotechnical Penetration
Photo Numbers: 141 + 142	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant

Project No.: 3616175054

Logger: A. Clark

Sub: T6+B

WD: -

Crew: Mark A

Date: 8/17/17

Time: 0740

Vessel: Coring Coker 17

Coordinates: Easting

Northing

Sampling Station: SDT-06-052

Weather/Conditions: p cloudy, 70°F

Traffic: None

Water Temp:

Measured Water Depth (ft): 3.7

Coring Notes:

Core Liner tube length (ft): 5'

Core Penetration (ft): 4'

Core Recovery (ft): 4'

Calculated Percent Recovery: 100%

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-06-COMP-003	0-4': black marine silt, some vegetation. no odor, uniform	
1-2'			
3-4'			
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sampler Type	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	W. B.C.	
				Capacity	

Live Organisms present	<input checked="" type="checkbox"/> (N)	Comments
Oil-Like Present	<input checked="" type="checkbox"/> (N)	
Odor Present	<input checked="" type="checkbox"/> (N)	
Debris Present	<input checked="" type="checkbox"/> (N)	
Photo Numbers	175-178	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3616176064 Logger: A. Clark
 Sub: T&B WO: - Crew: Mark A
 Date: 8/4/17 Time: 0743 Vessel: coiling coroliner

Coordinates: Easting _____ Northing _____
 Sampling Station: SDT-00-03

Weather/Conditions: partly cloudy 70°F Traffic: none Water Temp: _____

Measured Water Depth (ft): 3.6' Coring Notes:
 Core Liner tube length (ft): 5'
 Core Penetration (ft): 4' Core Recovery (ft): 4'
 Calculated Percent Recovery: 100%

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-00-COMP-003	0-4 - black marine silts w/ some shells + organic	
1-2'			
		@ 2.3'	
3-4'		4 - bottom of core	
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers: _____ Equipment: _____
 Type of container: 40 ml VOA Amber Jar Plastic bag 5 gal bucket Sampler Type: R. brk
 Capacity: _____

Live Organisms present: Y (N)
 Oil-Like Present: Y (N)
 Odor Present: (N)
 Debris Present: Y (N)
 Photo Numbers: 179-182
 Comments: _____



Stratford Army Engine Plant - Feasibility Study
SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: <u>A. Clark</u>
Sub: <u>TGr B</u>	WO: <u> </u>	Crew: <u>Mark A.</u>
Date: <u>8/4/17</u>	Time: <u>0745</u>	Vessel: <u>PORTUGAL COAST GUARD</u>
Coordinates: Easting	Northing	
Sampling Station: <u>SDT-06-054</u>		
Weather/Conditions: <u>p. cloudy, 70F</u>		Traffic: <u>NO</u>
Water Temp: <u> </u>		
Measured Water Depth (ft): <u>30</u>	Coring Notes:	
Core Linear tube length (ft): <u>5'</u>		
Core Penetration (ft): <u>4'</u> Core Recovery (ft): <u>4'</u>		
Calculated Percent Recovery: <u>100%</u>		

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'		<u>0-4' : black marine silt</u>	
	<u>R</u>		
1-2'		<u>w/ organic odor throughout. Some vegetation, gray</u>	
2-4'		<u>scuds (course) @ 1.4-1.7'</u>	
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers:	<u> </u>	1	<u> </u>	<u> </u>	Equipment
Type of container:	<u>40 ml VOA</u>	<u>Amber Jar</u>	<u>Plastic bag</u>	<u>other</u>	Sampler Type: <u>V. 225</u>
					Capacity: <u> </u>

Live Organisms present: <u>Y (N)</u> Oil-Like Present: <u>Y (N)</u> Odor Present: <u>Y (N)</u> Debris Present: <u>Y (N)</u>	Comments <u>* SDT-06-054-0004 @ 750 for SPLD net + RBs</u>
Photo Numbers <u>183 - 186</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: <u>A. Clark</u>	
Sub: <u>TGB</u>	WD: <u>-</u>	Crew: <u>Mike A.</u>	
Date: <u>8/4/17</u>	Time: <u>0755</u>	Vessel: <u>coing marina</u>	
Coordinates: Easting	Northing		
Sampling Station: <u>SDT-06-055</u>			
Weather/Conditions: <u>cloudy, TPT</u>		Traffic: <u>none</u>	
Water Temp:			
Measured Water Depth (ft): <u>4.8'</u>	Coring Notes:		
Core Liner tube length (ft): <u>5'</u>			
Core Penetration (ft): <u>4'</u>			Core Recovery (ft): <u>4'</u>
Calculated Percent Recovery: <u>100%</u>			
Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	<u>4</u>	<u>0-4': black marine silts</u>	
1-2'		<u>w/ wood fragments</u>	
		<u>throughout core</u>	
		<u>stones @ 3.0'</u>	
3-4'		<u>4' bottom of core</u>	
4-5'			
5-6'			
6-7'			
7-8'			
Number of containers:		Equipment	
Type of container:	<u>40 ml VOA</u>	<u>Amber Jar</u>	Sampler Type: <u>40 ml VOA</u>
		<u>Plastic bag</u>	Capacity:
		<u>other</u>	
Live Organisms present	<u>Y</u> <u>(initials)</u>	Comments <u>SDT-06-055-0001</u> <u>SDT-06-055-0102</u> <u>SDT-06-055-0204</u>	
Oil-Like Present	<u>Y</u> <u>(initials)</u>		
Odor Present	<u>Y</u> <u>(initials)</u>		
Debris Present	<u>Y</u> <u>(initials)</u>		
Photo Numbers			
<u>187-190</u>			



Stratford Army Engine Plant - Feasibility Study

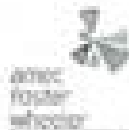
SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176054	Logger: <u>A. Clark</u>	
Sub: <u>T6+B</u>	WD: -	Crew: <u>Mike A</u>	
Date: <u>8/3/17</u>	Time: <u>0700</u>	Vessel: <u>Coring Crawler</u>	
Coordinates: Easting _____	Northing _____		
Sampling Station: <u>SPT-08-056</u>			
Weather/Conditions: <u>partly cloudy, 68°F</u>		Traffic: <u>none</u>	
Measured Water Depth (ft): <u>3.9'</u>	Coring Notes:		
Core Liner tube length (ft): <u>5'</u>			
Core Penetration (ft): <u>2'</u>			Core Recovery (ft): <u>1.5'</u>
Calculated Percent Recovery: <u>90%</u>			

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SPT-08-056-001	0-2' black marine silt w/ some shells, organic odor, no shaer.	
1-2'		2' - bottom of core	
2-4'			
4-8'			
5-8'			
6-7'			
7-8'			

Number of containers:	-	-	-	5 gal b.	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type: <u>UIC</u>
					Capacity: _____

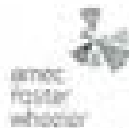
Live Organisms present: <u>Y</u> Oil-Like Present: <u>N</u> Odor Present: <u>Y</u> Debris Present: <u>Y</u>	Comments
Photo Numbers	
46-47	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Sub: TG+P	Project No.: 3515176064 WO: - Date: 8/3/17	Logger: A. Clark Crew: Mike A Vessel: Co. ry. Carolina	
Coordinates: Easting	Coordinates: Northing		
Sampling Station: SPT-08-057			
Weather/Conditions: p. cloudy, 68°F		Traffic: none	
Measured Water Depth (ft): 3.9'	Coring Notes:		
Core Liner tube length (ft): 5'			
Core Penetration (ft): 2' Core Recovery (ft): 1.8'			
Calculated Percent Recovery: 90%			
Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SPT-08-COMP-01	0-2': black marine silt w/ some shells, organic	
1-2'		odor, no shear	
2-4'		2' - bottom of core	
4-5'			
5-6'			
6-7'			
7-8'			
8-9'			
Number of containers: 1		Equipment	
Type of container: 40 ml VOA	Amber Jar	Plastic bag	Sampler Type: 2 liter
		5 gal bucket	Capacity: -
Live Organisms present	Comments		
Oil-Like Present			
Odor Present			
Debris Present			
Photo Numbers			
48-49			



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: A. Clark
Sub: T6+B	WO: -	Crew: Mike A.
Date: 8/13/17	Time: 0925	Vessel: Cooring Corolium
Coordinates: Easting	Northing	
Sampling Station: SDT-08-058		
Weather/Conditions: p. cloudy TDT		Traffic: none
Measured Water Depth (ft): 2.9'	Coring Notes:	
Core Liner tube length (ft): 5'		
Core Penetration (ft): 2.0' Core Recovery (ft): 1.8'		
Calculated Percent Recovery: 40%		

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-08-COMP-COR	0-2': black marine silts	
1-2'		all some shells + org. odor. Dark grey silty sand lens @ 0.5'	
3-4'		2. bottom of core	
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers:	—	—	—	5 gal / 5 gal / other	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag		Sampler Type: V. B. M. Capacity: —

Live Organisms present: Y (N) Oil-Like Present: Y (N) Odor Present: Y (N) Debris Present: Y (N)	Comments
Photo Numbers <div style="font-size: 2em; text-align:center;">50 - 51</div>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: A. CRUE	
Sub: TG-B	WO:	Crew: MIKE A	
Date: 8/3/17	Time: 0732	Vessel: Gray Cedar	
Coordinates: Easting	Northing		
Sampling Station: SDT-08-059			
Weather/Conditions: p. cloudy, 70°F		Traffic: NONE	
Measured Water Depth (ft): 2.9'		Coring Notes:	
Core Liner tube length (ft): 5'			
Core Penetration (ft): 2.0 Core Recovery (ft): 1.5'			
Calculated Percent Recovery: 90%			
Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-08-COR-001	0-2': black marine silty	
1-2'		wt some shells + org.	
2-3'		odor. Dark gray silty	
3-4'		sand lens @ 0.5'	
4-5'		2' - bottom of core	
5-6'			
6-7'			
7-8'			
Number of containers: —		Equipment	
Type of container:	40 ml VOA Amber Jar Plastic bag	S gel	Sampler Type: UICFA
		12 other/	Capacity
Live Organisms present	Y (N)	Comments	
Oil-Like Present	Y (N)		
Odor Present	Y (N)		
Debris Present	Y (N)		
Photo Numbers			
52-53			



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: <i>A. Clark</i>
Sub: <i>TB+B</i>	WD:	Crew: <i>Mark A.</i>
Date: <i>8/31/17</i>	Time: <i>0740</i>	Vessel: <i>Coring Crawler</i>
Coordinates: Easting _____	Northing _____	
Sampling Station: <i>SDT-08-060</i>		
Weather/Conditions: <i>P. Clouds, 70°F</i>	Traffic: <i>None</i>	Water Temp: _____
Measured Water Depth (ft): <i>3.5'</i>	Coring Notes:	
Core Liner tube length (ft): <i>5.0'</i>		
Core Penetration (ft): <i>2'</i> Core Recovery (ft): <i>2'</i>		
Calculated Percent Recovery: <i>100%</i>		

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	<i>SDT-08-Comp-001</i>	0-2' Black marine silt,	
1-2'		strong acid odor.	
2-4'		Some shells, few roots	
4-5'		2' - bottom of core	
5-6'			
6-7'			
7-8'			

Number of containers:	—	—	—	5 gal	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	Other	Sampler Type <i>V. B. C.</i>
					Capacity

Live Organisms present <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N Oil-Like Present <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N Odor Present <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N Debris Present <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	Comments <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> Photo Numbers <div style="font-size: 2em; font-family: cursive;">54-55</div> </div>
--	---



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: <u>A. Clark</u>
Sub: <u>T1 + B</u>	WD:	Crew: <u>Mark A.</u>
Date: <u>5/3/12</u>	Time: <u>0745</u>	Vessel: <u>Coring Crawler</u>
Coordinates: Easting	Northing	
Sampling Station: <u>SPT-08-061</u>		

Weather/Conditions: <u>partly cloudy, 70°F</u>	Traffic: <u>COAL</u>	Water Temp:
Measured Water Depth (ft): <u>3.5</u>	Coring Notes:	
Core Liner tube length (ft): <u>5.0</u>		
Core Penetration (ft): <u>2'</u> Core Recovery (ft): <u>2'</u>		
Calculated Percent Recovery: <u>100%</u>		

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	<u>SPT-08-061-COR-001</u>	0-2': black marine silt, strong org. odor.	
1-2'		some shells + roots.	
2-4'		2' - bottom of core	
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers:	-	-	-	5 Jar	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type <u>VIBRA</u> Capacity

Live Organisms present: <u>Y</u> (N) <input checked="" type="checkbox"/> (N) Oil-Like Present: <u>Y</u> (N) <input checked="" type="checkbox"/> (N) Odor Present: <u>Y</u> (N) <input checked="" type="checkbox"/> (N) Debris Present: <u>Y</u> (N) <input checked="" type="checkbox"/> (N)	Comments <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> Photo Numbers <u>56-57</u> </div>
--	---



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: <u>R CLARK</u>
Sub: <u>T&R 4 B</u>	WO:	Crew: <u>MARK A</u>
Date: <u>08/13/17</u>	Time: <u>0800</u>	Vessel: <u>CONING CAROLINA</u>
Coordinates: Easting	Northing	
Sampling Station: <u>SOP 08-062</u>		
Weather/Conditions: <u>P. CLOUDY 28°F</u>		Traffic: <u>NONE</u>
Measured Water Depth (ft): <u>44' ± 4.3'</u>		Coring Notes:
Core Liner tube length (ft): <u>5'</u>		
Core Penetration (ft): <u>2'</u> Core Recovery (ft): <u>1.7</u>		
Calculated Percent Recovery: <u>35%</u>		

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	<u>SOP-08-CORP-001</u>	0-2': black marine silt w/	
1-2'		few shells & org odor	
		no product.	
3-4'		2. bottom of core	
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers:	—	—	—	5 GAL BUCKETS	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type <u>V.O.S.A.</u> Capacity

Live Organisms present <u>Y/N</u> Oil-Like Present <u>Y/N</u> Odor Present <u>Y/N</u> Debris Present <u>Y/N</u>	Comments
Photo Numbers <u>58-59</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: <u>A. CLARK</u>
Sub: <u>TG 4 B</u>	WO: _____	Crew: <u>MIKE A</u>
	Date: <u>08/03/17</u>	Time: <u>0815</u>
Coordinates: Easting _____	Northing _____	Vessel: <u>CORING CAROLINA</u>
Sampling Station: <u>SOT-08-063</u>		
Weather Conditions: <u>partly cloudy, LBF</u>		Traffic: <u>NONE</u>
Measured Water Depth (ft): <u>5'4.3'</u>		Coring Notes:
Core Linear tube length (ft): <u>5'</u>		
Core Penetration (ft): <u>2'</u>	Core Recovery (ft): <u>1.7'</u>	
Calculated Percent Recovery: <u>85%</u>		

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	<u>SOT-08-063-105</u>	0-2' - black mucky silt w/ few shells +	
1-2'		strong org odor.	
2-4'		no p/odored	
4-5'		2' - bottom of core	
5-6'			
6-7'			
7-8'			

Number of containers:	—	—	—	5 GAL <u>RUCKEL</u>	Equipment Sampler Type: <u>VIBRA</u>
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Capacity: _____

Live Organisms present: <u>Y (N)</u> Oil-Like Present: <u>X (N)</u> Odor Present: <u>Y (N)</u> Debris Present: <u>Y (N)</u>	Comments
Photo Numbers <u>60-4</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3615176054	Logger: A CLARK
Sub: TGA B	WO:	Crew: MIKE A
Date: 08/3/17	Time: 0820	Vessel: CORINA CAROLINA
Coordinates: Easting	Northing	
Sampling Station: SDT-OB-004		
Weather/Conditions: P CLOUDY 48°F		Traffic: NONE
Measured Water Depth (ft): 5' 4.2'		Coring Notes:
Core Liner tube length (ft): 5'		
Core Penetration (ft): 2' Core Recovery (ft): 1.7'		
Calculated Percent Recovery: 85%		

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-OB-CAMP-004	0-2' med brown to black mousse	
1-2'		sifts few small shells + org odor.	
2-4'		2' - bottom of core	
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers:	—	—	—	5 GAL BURET	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type: VIBRA Capacity

Live Organisms present	Y	Comments
Oil-Like Present	Y	
Odor Present	N	
Debris Present	Y	
Photo Numbers		
602-603		



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3616176064 Logger: A CLARK
 Sub: TALB WO: — Crew: MARK A
 Date: 08/15/17 Time: 0825 Vessel: CORING CAROLINA

Coordinates: Easting _____ Northing _____
 Sampling Station: SDT-08-065

Weather/Conditions: P. CLOUDY 48°F Traffic: NONE Water Temp: _____

Measured Water Depth (ft)	<u>39' @ 4.2'</u>	Coring Notes:	
Core Liner tube length (ft)	<u>5'</u>		
Core Penetration (ft)	<u>2'</u>		Core Recovery (ft): <u>1.7'</u>
Calculated Percent Recovery	<u>85%</u>		

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-08-CORP-001	0-2: med brown to blk marine silts, few small shells	
1-2'		org color	
3-4'		2- bottom of core	
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers:	<u>—</u>	<u>—</u>	<u>—</u>	<u>5 gal tubs</u>	Equipment
Type of container:	<u>40 ml VOA</u>	<u>Amber Jar</u>	<u>Plastic bag</u>	<u>other</u>	Sampler Type <u>VIBRA</u>
					Capacity <u>—</u>

Live Organisms present	<u>Y</u>	Comments
Oil-Like Present	<u>N</u>	
Odor Present	<u>N</u>	
Debris Present	<u>N</u>	
Photo Numbers	<u>64-65</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3616176064 Logger: A CLARK
 Sub: T&B WO: _____ Crew: MIKE A
 Date: 8/3/17 Time: 0830 Vessel: CORINA CAROLINA

Coordinates: Easting _____ Northing _____

Sampling Station: SPT-08-066

Weather/Conditions: P. CLOUDY 108°F Traffic: NONE Water Temp: _____

Measured Water Depth (ft): 4.3' Coring Notes: _____

Coring Liner tube length (ft): 5'

Coring Penetration (ft): 2' Coring Recovery (ft): 2'

Calculated Percent Recovery: 100%

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SPT-08-COMP-001	0-0.3' - black marine silt, some shells, clog odor	
1-2'		0.3-0.4: med gray fine sand bed, laminated	
2-4'		0.4-1.7 - black marine silt, some shells	
4-5'		1.7-1.9: med gray fine sand loose	
5-8'		1.9-2 - black marine silt.	
8-7'		2 - bottom of core	
7-8'			

Number of containers: _____

Type of container: 40 ml VOA Amber Jar Plastic bag 5 gal other _____

Equipment: Sampler Type VIBRA Capacity _____

Live Organisms present Y

Oil-Like Present Y

Odor Present N

Debris Present Y

Comments

Photo Numbers

66-67



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: A CLARK
Sub: TA 4 B	WO: —	Crew: MIKE A
Date: 08/3/17	Time: 0845	Vessel: CORING CAROLINA
Coordinates: Easting	Northing	
Sampling Station: SPT-08-067		

Weather/Conditions: p. cloudy 68°F	Traffic: None	Water Temp:
Measured Water Depth (ft): 3A-10 4.6	Coring Notes:	
Core Liner tube length (ft): 5'		
Core Penetration (ft): 2' Core Recovery (ft): 2'		
Calculated Percent Recovery: 100%		

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SPT-08-comp-00	0-0.5: black marine silt some shells, org. odor	
1-2'		0.5-0.7: dk gray sand hard	
3-4'		0.7-2: black marine silt, shells, org. odor	
4-5'		2' - bottom of core	
5-6'			
6-7'			
7-8'			

Number of containers:	—	—	5 GAL bucket
Type of container:	40 ml VOA	Amber Jar	Plastic bag
			other
			Equipment
			Sampler Type: VOA
			Capacity: —

Live Organisms present: Y (N) Oil-Like Present: Y (N) Odor Present: Y (N) Debris Present: Y (N)	Comments
Photo Numbers 68-69	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3616176064 Logger: B. Clark
 Sub: TG + B WD: — Crew: Mike A
 Date: 8/3/17 Time: 0650 Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____

Sampling Station: SDT-08-008

Weather/Conditions: p. cloudy, 70°F Traffic: None Water Temp: _____

Measured Water Depth (ft): 4.6 Coring Notes: _____

Coring Liner tube length (ft): 5' _____

Coring Penetration (ft): 2' Coring Recovery (ft): 2' _____

Calculated Percent Recovery: 100%

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-08-COMP-001	0-0.7: blk mud w/ silty, some shells, org odor	
1-2'		0.7-0.9: fine gray sand lens	
2-4'		0.9-2': med/dk brown marine silty, some shells	
4-5'		2' - bottom of core	
5-6'			
6-7'			
7-8'			

Number of containers: — Equipment: _____

Type of container: 40 ml VOA Amber Jar Plastic bag 5 gal bucket other Sampler Type: W/Depth Capacity: _____

Live Organisms present	Y (N)	Comments
Oil-Like Present	Y (N)	
Odor Present	Y (N)	
Debris Present	Y (N)	
Photo Numbers	70-71	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: <u>A. Clark</u>
Sub: <u>T6-B</u>	WO: <u>-</u>	Crew: <u>Mike A.</u>
Date: <u>8/3/17</u>	Time: <u>0850</u>	Vessel: <u>Coring Carolina</u>
Coordinates: Easting	Northing	
Sampling Station: <u>SDT-08-069</u>		
Weather/Conditions: <u>p. cloudy, 72°F</u>		Traffic: <u>None</u>
Measured Water Depth (ft): <u>46'</u>		Coring Notes:
Core Liner Tube length (ft): <u>3'</u>		
Core Penetration (ft): <u>2'</u> Core Recovery (ft): <u>2'</u>		
Calculated Percent Recovery: <u>100%</u>		

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-08-CAMP-001	0-0.5 : black marine silt, some shells, org. odor	snails on top
1-2'		0.5-0.7 : med gray med-grained quartz + mica rich sands w/ many s.c.	
2-4'			
4-5'		0.7, 1.0 - black marine silt	
5-6'		1.0-2.0 : med brown silt w/ few shells	
6-7'		2.0 - bottom of core	
7-8'			

Number of containers:	<u>—</u>	<u>—</u>	<u>—</u>	<u>5 gal</u>	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type: <u>V. Dred</u> Capacity: <u>-</u>

Live Organisms present	<u>(Y) N</u>	509/15	Comments
Oil-Like Present	<u>Y (N)</u>		
Odor Present	<u>(Y) N</u>		
Debris Present	<u>(Y) N</u>		
Photo Numbers			
<u>72-73</u>			



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616170064	Logger: <u>A Clark</u>
Sub: <u>TG-13</u>	WO: <u>-</u>	Crew: <u>Mike A</u>
Date: <u>3/3/17</u>	Time: <u>0805</u>	Vessel: <u>Coring Cordier</u>
Coordinates: Easting _____	Northing _____	
Sampling Station: <u>SDT-05-070</u>		

Weather/Conditions: <u>p.c cloudy, 72°F</u>	Traffic: <u>none</u>	Water Temp: _____	
Measured Water Depth (ft): <u>4.6'</u>	Coring Notes:		
Core Liner tube length (ft): <u>5'</u>			
Core Penetration (ft): <u>2'</u>			Core Recovery (ft): <u>2'</u>
Calculated Percent Recovery: <u>100%</u>			

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-05-COMP-001	0-0.4' - black marine silts, org odor - some shells	
1-2'		0.4 - 0.6 - med gray, med-grained sand w/ many shells. mica rich.	
2-4'		0.6 - 0.8 - black marine silts	
4-5'		0.8 - 2.0' med brown silts w/ few vegetation + possible bio-inhabitation	
5-6'		2.0 - bottom of core	
6-7'			
7-8'			

Number of containers:	-	-	-	5 gal bucket	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type: <u>V.O.A.</u> Capacity: _____

Live Organisms present: <u>Y (N)</u> Oil-Like Present: <u>Y (N)</u> Odor Present: <u>Y (N)</u> Debris Present: <u>Y (N)</u>	Comments
Photo Numbers <u>74-75</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3616170064 Logger: A. Clark
 Sub: T6 + B WO: 81317 Crew: Mike A
 Date: 2/3/17 Time: 0930 Vessel: Coring Corolla R

Coordinates: Easting _____ Northing _____

Sampling Station: SDT-08-071

Weather/Conditions: cloudy, 72°F Traffic: None Water Temp: _____

Measured Water Depth (ft): <u>4.7'</u>	Coring Notes:
Core Liner tube length (ft): <u>5'</u>	
Core Penetration (ft): <u>2'</u> Core Recovery (ft): <u>2'</u>	
Calculated Percent Recovery: <u>100%</u>	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-08-COMP-001	0-0.5: black marine silt, odor	
1-2'		0.5-0.8: med gray, med grain sandy, many shells	
2-4'		0.8-1.2: black marine silt, some roots + shells, odor	
4-8'		1.2-2.0: dk brown muck/silt, some vegetation	
8-7'		2.0- bottom of core,	
7-8'			

Number of containers: <u>1</u>				<u>5 gal bucket</u>	Equipment
Type of container: <u>40 ml VOA</u>	<u>Amber Jar</u>	<u>Plastic bag</u>	<u>other</u>	<u>Sampler Type</u>	<u>V. OGA</u>
				Capacity	<u>—</u>

Live Organisms present: <u>Y</u> <u>(B)</u>	Comments
Oil-Like Present: <u>Y</u> <u>(N)</u>	
Odor Present: <u>(N)</u>	
Debris Present: <u>Y</u> <u>(N)</u>	
Photo Numbers <u>76 + 77</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant

Project No.: 3616176064

Logger: A. Clark

Sub: TG+ B3

WO: -

Crew: Mike R

Date: 8/13/17

Time: 0937

Vessel: Coring corline

Coordinates: Easting

Northing

Sampling Station: SDT-08-092

Weather/Conditions: p. cloudy, 77°F

Traffic: none

Water Temp:

Measured Water Depth (ft): 4.7'

Coring Notes:

Core Liner tube length (ft): 5'

Core Penetration (ft): 2'

Core Recovery (ft): 2'

Calculated Percent Recovery: 100%

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-08-COMP-001	0-0.4: black marine silt, org. odor	
1-2'		0.4-0.7: med gray med-grained sand w/ many shells, briniate.	
3-4'		0.7-1.0: black marine silt, some veg.	
4-5'		1.0-2.0: dk brown marine silt, some shells & veg.	
5-6'		2.0- bottom of core	
6-7'			
7-8'			

Number of containers:

40 ml VOA

Amber Jar

Plastic bag

5 gal
knicker
other

Equipment

Type of container:

40 ml VOA

Amber Jar

Plastic bag

5 gal
knicker
other

Sampler Type: VI horn

Capacity

Live Organisms present

Y (N)

Oil-Like Present

X (N)

Odor Present

Y (N)

Debris Present

Y (N)

Comments

Photo Numbers

78 + 79



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3515175064	Logger: <u>A. CIGLE</u>
Sub: <u>TG+ B</u>	WO: <u>-</u>	Crew: <u>MIKE A</u>
Date: <u>8/3/17</u>	Time: <u>0741</u>	Vessel: <u>CONY CARDINA</u>
Coordinates: Easting	Northing	
Sampling Station: <u>SDT-08-074</u>		
Weather/Conditions: <u>partly cloudy, 72° F</u>		Traffic: <u>none</u>
Measured Water Depth (ft): <u>4.9</u>		Coring Notes:
Core Liner tube length (ft): <u>5'</u>		
Core Penetration (ft): <u>2.0'</u>	Core Recovery (ft): <u>2.0'</u>	
Calculated Percent Recovery: <u>100%</u>		

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	<u>SDT-086-CAMP-001</u>	<u>0-0.7 - black marine silt w/ inorganic clods</u>	
1-2'		<u>some vegetation + oily sheen @ 0.3-0.4'</u>	
3-4'		<u>+ 0.6-0.7'</u>	
4-5'		<u>0.9-2' - mud brown marine silt w/ few shells + bioturbation</u>	
5-6'		<u>Slight in org odor</u>	
6-7'		<u>2 - bottom of core</u>	
7-8'			

Number of containers:	-	-	-	<u>5 gal bucket</u>	Equipment
Type of container:	<u>40 ml VDA</u>	<u>Amber Jar</u>	<u>Plastic bag</u>	<u>other</u>	<u>LADECA</u>
					Capacity

Live Organisms present <u>Y</u> Oil-Like Present <u>N</u> Odor Present <u>Y</u> Debris Present <u>Y</u>	Comments
Photo Numbers <u>82+83</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3616176064 Logger: A. Clark
 Sub: Turb WO: Crew: M. R. A
 Date: 8/3/17 Time: 0945 Vessel: Coring Carolina

Coordinates: Easting _____ Northing _____
 Sampling Station: SDF-08-075

Weather/Conditions: Sunny, 73°F Traffic: None Water Temp: _____

Measured Water Depth (ft): <u>5.0'</u>	Coring Notes:
Core Liner tube length (ft): <u>5'</u>	
Core Penetration (ft): <u>2'</u> Core Recovery (ft): <u>2'</u>	
Calculated Percent Recovery: <u>100%</u>	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDF-08-Camp-001	0-0.5' - black marine silts, organic, some shells	
1-2'		0.5-0.7' med gray sand	
3-4'		0.7-1.1' black silts, some shells, no odor	
4-5'		1.1-2.0' dk brown silts	
5-6'			
6-7'			
7-8'			

Number of containers:	-	-	-	5' 9" <u>Black</u>	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type <u>K. B. M.</u> Capacity -

Live Organisms present <u>Y/N</u> Oil-Like Present <u>Y/N</u> Odor Present <u>Y/N</u> Debris Present <u>Y/N</u>	Comments Photo Numbers <u>84+85</u>



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant
Sub: TGB

Project No.: 3616176064
WO: -

Logger: A. Clark
Crew: Mike A
Vessel: coring corraline

Date: 8/3/12

Time: 0950

Coordinates: Easting _____ Northing _____

Sampling Station: SDT-08-076

Weather/Conditions: sunny, 74°F Traffic: road Water Temp: _____

Measured Water Depth (ft): 5.0	Coring Notes:
Core Liner tube length (ft): 5'	
Core Penetration (ft): 2' Core Recovery (ft): 2'	
Calculated Percent Recovery: 100%	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-08-CAMP-004	0-0.6 - black silts w/ thin gray sand layer - org. odor.	
1-2'		0.6-0.8 - black silts w/ some sully - slight oily smear.	
3-4'		0.8 - dk brown marine silts	
4-5'		2' - bottom of core	
5-6'			
6-7'			
7-8'			

Number of containers: -	-	-	5 gal Buckets	Equipment
Type of container: 40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type: VVOH Capacity

Live Organisms present	Y N	Comments
Oil-Like Present	Y N	
Odor Present	Y N	
Debris Present	Y N	
Photo Numbers	86 + 86	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG


Site: Stratford Army Engine Plant Project No.: 3616176064 Logger: A. Clark
 Sub: TLB WO: - Crew: Mike A
 Date: 8/3/17 Time: 1000 Vessel: coring crawler

Coordinates: Easting _____ Northing _____
 Sampling Station: SPT-08-077

Weather/Conditions: _____ Traffic: none Water Temp: _____
 Measured Water Depth (ft): 5.0 Coring Notes:
 Core Liner tube length (ft): 5
 Core Penetration (ft): 2 Core Recovery (ft): 2.0
 Calculated Percent Recovery: 100%

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SPT-08-COMP-004	0-1.1 - black moine silts, some veg, org odor	
1-2'		1.1-2.0 med brown silts, some veg + shells	
3-4'		2.0 - bottom of core	
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers: _____ Equipment: _____
 Type of container: 40 ml VOA Amber Jar Plastic bag other: 5 gal bucket Sampler Type: Vanik
 Capacity: _____

Live Organisms present: <u>Y</u> <input checked="" type="radio"/> <u>N</u> Oil-Like Present: <u>Y</u> <input checked="" type="radio"/> <u>N</u> Odor Present: <u>Y</u> <input checked="" type="radio"/> <u>N</u> Debris Present: <u>Y</u> <input checked="" type="radio"/> <u>N</u>	Comments 
Photo Numbers <u>87+88</u>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3816176064	Logger: A. Clerk
Sub: T613	WO:	Crew: Mike A
Date: 8/3/17	Time: 1002	Vessel: coring coring

Coordinates: Easting _____ Northing _____

Sampling Station: SDT-08-078

Weather/Conditions: sunny, 73°F Traffic: none Water Temp: _____

Measured Water Depth (ft): 5.0	Coring Notes:
Core Liner tube length (ft): 5	
Core Penetration (ft): 2 Core Recovery (ft): 2	
Calculated Percent Recovery: 100%	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-08-COMP-004	0-1.1 - black marine silts,	
		org odor - some shells	
1-2'		1.1-2.0 med tan silts,	
		some org + shells	
3-4'			
4-5'			
5-6'			
6-7'			
7-8'			

Number of containers: _____	_____	_____	5 gal bucket	Equipment
Type of container: 40 ml VOA	Amber Jar	Plastic bag	other	Sampler Type: VOA
				Capacity: _____

Live Organisms present	Y (N)
Oil-Like Present	Y (N)
Odor Present	Y (N)
Debris Present	Y (N)

Photo Numbers
87+88

Comments



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant	Project No.: 3616176064	Logger: A. Clark
Sub: T6-B	WD: -	Crew: Mike A
Date: 6/3/17	Time: 1009	Vessel: Coring machine
Coordinates: Easting	Northing	
Sampling Station: SDT-08-079		
Weather/Conditions: sunny 73°F	Traffic: none	Water Temp:
Measured Water Depth (ft): 5.1	Coring Notes:	
Core Liner tube length (ft): 5		
Core Penetration (ft): 2' Core Recovery (ft): 2'		
Calculated Percent Recovery: 100%		

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	SDT-08-079-COMP-004	0-0.8 - black marine silts, some roots org odor	
1-2'			
3-4'		0.8-2.0 - mixed brown silts, some shells, few roots	
4-5'		2.0 - bottom of core	
5-6'			
6-7'			
7-8'			

Number of containers:	-	-	-	5-501 lock-1 other	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag		Sampler Type: V. VOA Capacity:

Live Organisms present Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/> Oil-Like Present Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/> Odor Present Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/> Debris Present Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>	Comments
Photo Numbers <div style="font-size: 2em; text-align: center;">89-190</div>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3616176064 Logger: A Clark
 Sub: TC + B WO: Crew: Mike A.
 Date: 8/3/17 Time: 1005 Vessel: Coring corrdere

Coordinates: Easting _____ Northing _____

Sampling Station: SDT-08-080

Weather/Conditions: Sunny, 74°F Traffic: NONE Water Temp: _____

Measured Water Depth (ft): <u>5.2</u>	Coring Notes:
Core Liner tube length (ft): <u>5</u>	
Core Penetration (ft): <u>2</u> Core Recovery (ft): <u>2 + 1.7</u>	
Calculated Percent Recovery: <u>100%</u> <u>85%</u>	

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	<u>SDT-08-080-0002</u>	0-0.7' - black mrie silts	
		w/ some veg + few shells	
1-2'		0.7-2.0' med brown silts w/	
		some shells + veg	
2-4'		2.0 bottom of core	
4-5'			
5-6'			
6-7'	<u>SDT</u>		
7-8'			

Number of containers:	1	—	—	Equipment
Type of container:	40 ml VOA	Amber Jar	Plastic bag	Sampler Type: <u>V.O.A.</u> Capacity: _____

Live Organisms present Y (N) Oil-Like Present Y (N) Odor Present Y (N) Debris Present Y (N)	<p style="text-align: center;">Comments</p> <p style="font-size: 1.2em;">SPLP PCBs + metals</p> <p style="font-size: 1.2em;">SDT-08-080-0002 @ 1015</p>
Photo Numbers <div style="font-size: 2em; text-align: center;">91+92</div>	



Stratford Army Engine Plant - Feasibility Study

SEDIMENT CORE and DISCRETE SAMPLE LOG

Site: Stratford Army Engine Plant Project No.: 3616176064 Logger: A. C. 196
 Sub: TG-13 WO: - Crew: Mike A
 Date: 8/3/17 Time: 1020 Vessel: Coring Rodman

Coordinates: Easting Northing

Sampling Station: SDT-08-081

Weather/Conditions: cloudy, 74°F Traffic: none Water Temp:

Measured Water Depth (ft): 5.0 Coring Notes:
 Core Liner tube length (ft): 5
 Core Penetration (ft): 2' Core Recovery (ft): 2'
 Calculated Percent Recovery: 100%

Interval	Sample ID	Description (Odor, Color, Type, etc.)	Notes
0-1'	<u>*</u>	<u>0-0.5: black muck silt</u> <u>w/ shells + veg.</u>	
1-2'		<u>org. odor</u>	
3-4'		<u>0.5-2.0: med brown silt</u> <u>uniform, same veg.</u>	
4-5'		<u>2.0: bottom of core</u>	
5-6'			
6-7'			
7-8'			

SDT-08-081-001

Number of containers: - 4 - finger bucket Equipment
 Type of container: 40 ml VOA Amber Jar Plastic bag other Sampler Type: VOA
 Capacity: -

Live Organisms present	Y N	Comments <u>* SDT-08-081-0001 for Sp Grav, TOC + Grav @ 1020</u> <u>SDT-08-081-0102 for Spec Grav, TOC + Grav @ 1025</u>
Oil-Like Present	Y N	
Odor Present	Y N	
Debris Present	Y N	

Photo Numbers
93+94

SURFACE WATER SAMPLING RECORD



Attn: Foster Wheeler
 811 Congress Street
 Suite 200
 Portland, Maine 04101

PROJECT NAME Seaboard Army Engine Plant	SAMPLE LOCATION Area 6	DATE 8/2/17
PROJECT NUMBER 30117004	START TIME 1650	END TIME 1720
SAMPLE ID SW-06-001-0001	SAMPLE TIME 1700	PAGE 1 of 1
Loc.	Cont.	

SURFACE WATER DATA

WATER DEPTH AT SAMPLE LOCATION: 3 FEET
 DEPTH OF SAMPLE BELOW WATER SURFACE: 2.0 FEET
 SAMPLING FLOW RATE: 1 gpm **MANUAL**
 TIDE DIRECTION: **INCOMING** **OUTGOING**
 TOTAL PURGE VOLUME: 10 gallons **NO**
 FIELD SKETCH: **YES** **NO**

WATER QUALITY PARAMETERS

TEMPERATURE	<u>23.77</u>	°C
SPEC. COND.	<u>28.35</u>	µS/cm
pH	<u>7.47</u>	pH Units
ORP	<u>73.6</u>	mV
TURBIDITY	<u>39.5</u>	NTU
DO	<u>4.32</u>	mg/L
SALINITY	<u>17.91</u>	ppt

EQUIPMENT USED

<input type="checkbox"/>	BEAKER
<input type="checkbox"/>	BOTTLE
<input type="checkbox"/>	FACE BOMB
<input checked="" type="checkbox"/>	PUMP <u>Peristaltic Pump (Crompton)</u>
<input type="checkbox"/>	FILTER
<input type="checkbox"/>	1 ft of lab produced 1/8" Teflon Tubing
<input type="checkbox"/>	1 ft of lab produced Masterflex Tubing

TYPE OF SURFACE WATER

<input type="checkbox"/>	STREAM
<input type="checkbox"/>	RIVER
<input type="checkbox"/>	LAKE
<input type="checkbox"/>	POND
<input type="checkbox"/>	SEEP
<input checked="" type="checkbox"/>	TIDAL FLATS

FIELD DUPLICATE COLLECTED
 DUP. ID: _____
 TIME: _____

MATRIX SPIKE COLLECTED
 MS ID: _____
 TIME: _____

MATRIX SPIKE DUPLICATE COLLECTED
 MSD ID: _____
 TIME: _____

DECON FLUIDS USED

<input type="checkbox"/>	ALL USED
<input checked="" type="checkbox"/>	EQUINOX 910 SOLUTION
<input type="checkbox"/>	DEIONIZED WATER
<input type="checkbox"/>	POTABLE WATER
<input type="checkbox"/>	NITRIC ACID
<input type="checkbox"/>	HEXANE
<input type="checkbox"/>	ETHYL ALCOHOL
<input checked="" type="checkbox"/>	NA

SAMPLING EQUIPMENT
 WATER QUALITY METER MODEL NO. M04415 UNIT ID NO. 2910
 TURBIDITY METER MODEL NO. M00724 UNIT ID NO. 27

ANALYTICAL PARAMETERS

PARAMETER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
<input checked="" type="checkbox"/> PCBs		<u>4°C</u>	<u>2x 16L</u>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Metals		<u>100°C</u>	<u>1x 100mL P</u>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Hg		<u>110°C</u>	<u>1x 100mL P</u>	<input checked="" type="checkbox"/>

NOTES/SKETCH

10 gallons collected for Elutriate analysis

Sample Taken By: [Signature] Date: 8/2/17
 Checked By: [Signature] Date: 8/2/17
 Post Name: Amber Clark

QUESTION
 For the
 following

Find the
 value of
 the test
 statistic

Population
 1: $\mu = 50$
 Population
 2: $\mu = 55$
 Sample
 1: $n_1 = 30, \bar{x}_1 = 52$
 Sample
 2: $n_2 = 30, \bar{x}_2 = 54$

Assume
 $\sigma_1 = 10$
 $\sigma_2 = 12$

Test
 the
 hypothesis
 $H_0: \mu_1 = \mu_2$
 against
 $H_1: \mu_1 \neq \mu_2$

At the 5% level of significance

State the
 null and
 alternative
 hypotheses

$H_0: \mu_1 = \mu_2$
 $H_1: \mu_1 \neq \mu_2$

Write down
 the test
 statistic

$$Z = \frac{\bar{x}_1 - \bar{x}_2 - (\mu_1 - \mu_2)}{\sqrt{\frac{\sigma_1^2}{n_1} + \frac{\sigma_2^2}{n_2}}}$$

2

Find the
 critical
 value

Calculate the
 test statistic

$$Z = \frac{52 - 54 - (50 - 55)}{\sqrt{\frac{10^2}{30} + \frac{12^2}{30}}} = \frac{-2 + 5}{\sqrt{\frac{100}{30} + \frac{144}{30}}} = \frac{3}{\sqrt{\frac{244}{30}}} = \frac{3}{\sqrt{8.133}} = \frac{3}{2.852} = 1.052$$

Decision

Since the
 calculated
 test
 statistic
 is less than
 the critical
 value, we
 accept the
 null hypothesis

Conclusion

There is
 no
 significant
 difference
 between
 the
 means of
 the two
 populations

At the 5% level of significance

State the
 null and
 alternative
 hypotheses

$H_0: \mu_1 = \mu_2$
 $H_1: \mu_1 \neq \mu_2$

Decision

Since the
 calculated
 test
 statistic
 is greater than
 the critical
 value, we
 reject the
 null hypothesis

State the
 null and
 alternative
 hypotheses

$H_0: \mu_1 = \mu_2$

$H_1: \mu_1 > \mu_2$

$H_0: \mu_1 = \mu_2$

$H_1: \mu_1 < \mu_2$

Calculate the
 test statistic

$$Z = \frac{45 - 48 - (45 - 48)}{\sqrt{\frac{10^2}{30} + \frac{12^2}{30}}} = \frac{-3}{\sqrt{\frac{100}{30} + \frac{144}{30}}} = \frac{-3}{\sqrt{\frac{244}{30}}} = \frac{-3}{2.852} = -1.052$$

Decision

Since the
 calculated
 test
 statistic
 is less than
 the critical
 value, we
 accept the
 null hypothesis

Conclusion

There is
 no
 significant
 difference
 between
 the
 means of
 the two
 populations

Conclusion

There is
 a
 significant
 difference
 between
 the
 means of
 the two
 populations

Conclusion

There is
 no
 significant
 difference
 between
 the
 means of
 the two
 populations

Conclusion is following is given for bivariate analysis

$$r = \frac{\sum (x_i - \bar{x})(y_i - \bar{y})}{\sqrt{\sum (x_i - \bar{x})^2 \sum (y_i - \bar{y})^2}}$$

ATTACHMENT B

Lab Data - Envirosystems, Inc.
(Included in Electronic Submittal)



www.alphalab.com



Lab Number: L1806872

Client: AMEC Foster Wheeler E & I, Inc.

ATTN: Wolfgang Calicchio

Project Name: STRATFORD ARMY ENGINE PLANT

Project Number: 3616176064.08.01

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Table of Contents

Alpha Analytical Data Deliverable Package.....	1
Table of Contents	2
Sample Delivery Group	6
Sample Receipt and Login Checklist	7
LIMS Chain of Custody	8
Lims COC (LN01)	9
Container Tracking	12
Sample Receipt Tracking Report	13
Chain of Custody	24
External Chain of Custody	25
Metals Analysis	28
ICP Analysis	29
Sequence Logs	30
Sequence Log	31
Sample Raw Data	33
Run Date 03/10/18 Run ID R1054080	34
Work Group	152
QC Batch WG1094000	153
Sample Preparation	154
Metals ELN-Workgroup:WG1094000	155
ICP Digestion Logs	157
True Value Summary Forms	162
ICP True Value Summary Form	163
ICP MS Analysis	174
Sequence Logs	175
Sequence Log	176
Work Group	179
QC Batch WG1094297	180
Tune	181
Tune Report	182
Sample Raw Data	185
ICPMS Raw Data Scanned	186
Sample Preparation	372
Metals ELN-Workgroup:WG1094297	373
ICPMS Digestion Logs	375
True Value Summary Forms	380
ICPMS True Value Summary Form	381
Mercury Analysis	391
Sequence Logs	392
Sequence Log	393
Sample Raw Data	396
Mercury Raw Data	397
Work Group	410
QC Batch WG1095393	411
QC Batch WG1095394	412
Sample Preparation	413
Metals ELN-Workgroup:WG1095393	414
Metals ELN-Workgroup:WG1095394	417
Mercury Digestion Logs	419
True Value Summary Forms	424

Table of Contents

Hg True Value Summary Form	425
Organics Analysis	435
Congener Analysis	436
Initial Calibration	437
ICAL for BNA2 on 02/26/18 ICAL14481	438
Initial Calibration Summary - Cal Date: 02/26/18 00:00	438
DFTPP Injected on: 02/24/18 09:10	445
0.5 ug/l Injected on: 02/24/18 10:14	446
1.0 ug/l Injected on: 02/24/18 11:28	674
10 ug/l Injected on: 02/24/18 12:42	706
20 ug/l Injected on: 02/24/18 13:56	737
50 ug/l Injected on: 02/24/18 15:10	767
200 ug/l Injected on: 02/24/18 16:25	982
500 ug/l Injected on: 02/24/18 17:39	1010
ICV Summary Report	1043
ICV Quant Report Injected on: 02/24/18 18:53	1049
Work Group	1080
QC Batch WG1094741	1081
Sequence Logs	1082
ICAL Sequence for BNA2 on 26-FEB-2018 00:00 ICAL14481	1083
Sequence Log	1084
Analytical Event	1085
Continuing Calibration DFTPP Tune	1086
dftpp tune - Inst. BNA2 03/07/18 10:13	1087
Continuing Calibration	1088
CC Summary - BNA2 Run: 03/07/18 11:17	1089
CC Quant - WG1095518-2 BNA2 Run: 03/07/18 11:17	1095
Sample Raw Data	1102
SDT-DS-BFT-PC03 (L1806872-01) Analyzed: 03/07/18 22:38	1103
SDT-DS-BFT-PC06 (L1806872-02) Analyzed: 03/07/18 23:52	1111
Analytical Event	1121
Continuing Calibration DFTPP Tune	1122
dftpp tune - Inst. BNA2 03/08/18 01:06	1123
Continuing Calibration	1124
CC Summary - BNA2 Run: 03/08/18 02:10	1125
CC Quant - WG1095518-4 BNA2 Run: 03/08/18 02:10	1131
CC Summary - BNA2 Run: 03/08/18 16:50	1138
CC Quant - WG1095518-6 BNA2 Run: 03/08/18 16:50	1144
Sample Raw Data	1151
SDT-DS-BFT-PC08 (L1806872-03) Analyzed: 03/08/18 03:24	1152
SDT-DS-BFT-CC03 (L1806872-04) Analyzed: 03/08/18 04:39	1164
SDT-DS-BFT-CC06 (L1806872-05) Analyzed: 03/08/18 05:53	1178
SDT-DS-BFT-CC08 (L1806872-06) Analyzed: 03/08/18 07:07	1190
SDT-DS-GVT-PC02 (L1806872-07) Analyzed: 03/08/18 08:21	1202
SDT-DS-GVT-PC04 (L1806872-08) Analyzed: 03/08/18 09:35	1216
SDT-DS-GVT-PC05 (L1806872-09) Analyzed: 03/08/18 10:49	1228
SDT-DS-GVT-CC02 (L1806872-10) Analyzed: 03/08/18 12:03	1240
SDT-DS-GVT-CC04 (L1806872-11) Analyzed: 03/08/18 13:18	1256
SDT-DS-GVT-CC05 (L1806872-12) Analyzed: 03/08/18 14:32	1270
Batch Quality Control	1284

Table of Contents

Method Blank Raw Data	1285
Laboratory Method BI (WG1094741-1) Analyzed: 03/07/18 12:31	1286
LCS Raw Data	1292
Laboratory Control S (WG1094741-2) Analyzed: 03/07/18 15:13	1293
LCS Duplicate Raw Data	1486
LCS Duplicate (WG1094741-3) Analyzed: 03/07/18 16:27	1487
Sample Preparation	1680
Organic ELN-Workgroup:WG1094741	1681
Supporting Document	1683
SPLP Logbook	1684
Alpha Analytical Report	1686
Standard Analytical Report	1687
Summary	1687
Alpha Analytical Report Cover Page	1687
Sample Cross Reference Summary	1688
CT DEP RCP QA/QC Certification Form	1689
Case Narrative	1690
Organics Cover Page	1692
PCBs Cover Page	1693
PCBs Sample Results	1694
PCBs Method Blank Report	1706
PCBs LCS Report	1707
Metals Sample Results	1716
Metals Method Blank Report	1741
Metals LCS Report	1743
Sample Receipt & Container Information Report	1745
Glossary	1750
References	1752
Certification/Approval Program Summary	1753
Chain of Custody	1754
Alpha Summary Forms	1757
Inorganic Summary Forms	1758
Inorganic Summary Forms ICP	1759
Form 1	1759
Form 2a	1772
Form 3	1776
Form 4a	1781
Form 7	1782
Form 12	1783
Form 13	1784
Form 14	1786
Form 15	1787
Inorganic Summary Forms ICPMS	1789
Form 1	1789
Form 2a	1802
Form 2b	1806
Form 3	1807
Form 4a	1810
Form 7	1811
Form 12	1812

Table of Contents

Form 13	1813
Inorganic Summary Forms SPLP Mercury	1815
Form 1	1815
Form 2a	1828
Form 3	1831
Form 7	1834
Form 12	1835
Form 13	1836
Inorganic Summary Forms TCLP Mercury	1838
Form 1	1838
Form 2a	1851
Form 3	1853
Form 7	1855
Form 12	1856
Form 13	1857
Organic Summary Forms	1858
Organic Summary Forms PAH/PCB Congeners by 8270	1859
Form 1	1859
Form 2	1872
Form 3	1873
Form 4	1880
Form 5	1881
Form 6	1884
Form 7	1890
Form 8	1905

Sample Delivery Group Information



Sample Delivery Group Summary



Alpha Job Number : L1806872

Received : 28-FEB-2018

Reviewer : Isaac Mensah

Account Name : AMEC Foster Wheeler E & I, Inc.

Project Number : F013900990

Project Name : STRATFORD ARMY ENGINE PLANT

Delivery Information

Samples Delivered By : Express Ship
FedEx (771614079708)

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.6	

Condition Information

All samples on COC received? **YES**

Extra samples received? **NO**

Are there any sample container discrepancies? **NO**

Are there any discrepancies between sample labels & COC? **YES**
L1806872-01: SDT-DS-BFT-PC03 vs. SDT-DS-BFT-PC08

Are samples in appropriate containers for requested analysis? **YES**

Are samples properly preserved for requested analysis? **YES**

Are samples within holding time for requested analysis? **YES**

All sampling equipment returned? **NA**

Volatile Organics/VPH

Reagent Water Vials Frozen by Client? **NA**

LIMS Chain of Custody



ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Mar 14 2018, 06:34 pm

Login Number: L1806872

Account: AMEC-ME AMEC Foster Wheeler E & I, Inc. Project: 3616176064.08.01

Sample # Client ID Received: 28FEB18 Due Date: 14MAR18
Mat PR Collected Container

L1806872-01 SDT-DS-BFT-PC03 3 S0 27FEB18 11:28 1-EAmber-A1,2-EPlastic-C.25,1-Glass-A.5,1-Tumble Vessel
PREPP: Metals and PCB Homologs for MF - **** for PCBs use NEW Tumble Vessels, Trace Level PCBs!!! ****
PREPC: Metals Full Narration DPKG-FULL Package Due Date: 03/14/18
A2-PCBHOMS-SPLP,CT-RCP,CT-SPLP-AG-6020,CT-SPLP-AS-6020,CT-SPLP-CD-6020,CT-SPLP-CR-6020,CT-SPLP-CU-6020,CT-SPLP-HG,CT-SPLP-NI-6020,CT-SPLP-PB-6020,CT-SPLP-ZN-6020,CT-TCLP-RCRA8,CT-TCLP-AG,CT-TCLP-AS,CT-TCLP-BA,CT-TCLP-CD,CT-TCLP-CR,CT-TCLP-HG,CT-TCLP-PB,CT-TCLP-SE,PREPC,DPKG-FULL,PREPP

L1806872-02 SDT-DS-BFT-PC06 3 S0 27FEB18 11:30 1-EAmber-A1,2-EPlastic-C.25,1-Glass-A.5,1-Tumble Vessel
PREPP: Metals and PCB Homologs for MF - **** for PCBs use NEW Tumble Vessels, Trace Level PCBs!!! ****
PREPC: Metals Full Narration Package Due Date: 03/14/18
A2-PCBHOMS-SPLP,CT-SPLP-AG-6020,CT-SPLP-AS-6020,CT-SPLP-CD-6020,CT-SPLP-CR-6020,CT-SPLP-CU-6020,CT-SPLP-HG,CT-SPLP-NI-6020,CT-SPLP-PB-6020,CT-SPLP-ZN-6020,CT-TCLP-RCRA8,CT-TCLP-AG,CT-TCLP-AS,CT-TCLP-BA,CT-TCLP-CD,CT-TCLP-CR,CT-TCLP-HG,CT-TCLP-PB,CT-TCLP-SE,PREPC,PREPP

L1806872-03 SDT-DS-BFT-PC08 3 S0 27FEB18 11:32 1-EAmber-A1,2-EPlastic-C.25,1-Glass-A.5,1-Tumble Vessel
PREPP: Metals and PCB Homologs for MF - **** for PCBs use NEW Tumble Vessels, Trace Level PCBs!!! ****
PREPC: Metals Full Narration Package Due Date: 03/14/18
A2-PCBHOMS-SPLP,CT-SPLP-AG-6020,CT-SPLP-AS-6020,CT-SPLP-CD-6020,CT-SPLP-CR-6020,CT-SPLP-CU-6020,CT-SPLP-HG,CT-SPLP-NI-6020,CT-SPLP-PB-6020,CT-SPLP-ZN-6020,CT-TCLP-RCRA8,CT-TCLP-AG,CT-TCLP-AS,CT-TCLP-BA,CT-TCLP-CD,CT-TCLP-CR,CT-TCLP-HG,CT-TCLP-PB,CT-TCLP-SE,PREPC,PREPP

L1806872-04 SDT-DS-BFT-CC03 3 S0 27FEB18 11:34 1-EAmber-A1,2-EPlastic-C.25,1-Glass-A.5,1-Tumble Vessel
PREPP: Metals and PCB Homologs for MF - **** for PCBs use NEW Tumble Vessels, Trace Level PCBs!!! ****
PREPC: Metals Full Narration Package Due Date: 03/14/18
A2-PCBHOMS-SPLP,CT-SPLP-AG-6020,CT-SPLP-AS-6020,CT-SPLP-CD-6020,CT-SPLP-CR-6020,CT-SPLP-CU-6020,CT-SPLP-HG,CT-SPLP-NI-6020,CT-SPLP-PB-6020,CT-SPLP-ZN-6020,CT-TCLP-RCRA8,CT-TCLP-AG,CT-TCLP-AS,CT-TCLP-BA,CT-TCLP-CD,CT-TCLP-CR,CT-TCLP-HG,CT-TCLP-PB,CT-TCLP-SE,PREPC,PREPP

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Mar 14 2018, 06:34 pm

Login Number: L1806872

Account: AMEC-ME AMEC Foster Wheeler E & I, Inc. Project: 3616176064.08.01

Sample # Client ID Received: 28FEB18 Due Date: 14MAR18
Mat PR Collected Container

L1806872-05 SDT-DS-BFT-CC06 3 S0 27FEB18 11:36 1-EAmber-A1,2-EPlastic-C.25,1-Glass-A.5,1-Tumble Vessel
PREPP: Metals and PCB Homologs for MF - **** for PCBs use NEW Tumble Vessels, Trace Level PCBs!!! ****
PREPC: Metals Full Narration Package Due Date: 03/14/18
A2-PCBHOMS-SPLP,CT-SPLP-AG-6020,CT-SPLP-AS-6020,CT-SPLP-CD-6020,CT-SPLP-CR-6020,CT-SPLP-CU-6020,CT-SPLP-HG,CT-SPLP-NI-6020,CT-SPLP-PB-6020,CT-SPLP-ZN-6020,CT-TCLP-RCRA8,CT-TCLP-AG,CT-TCLP-AS,CT-TCLP-BA,CT-TCLP-CD,CT-TCLP-CR,CT-TCLP-HG,CT-TCLP-PB,CT-TCLP-SE,PREPC,PREPP

L1806872-06 SDT-DS-BFT-CC08 3 S0 27FEB18 11:38 1-EAmber-A1,2-EPlastic-C.25,1-Glass-A.5,1-Tumble Vessel
PREPP: Metals and PCB Homologs for MF - **** for PCBs use NEW Tumble Vessels, Trace Level PCBs!!! ****
PREPC: Metals Full Narration Package Due Date: 03/14/18
A2-PCBHOMS-SPLP,CT-SPLP-AG-6020,CT-SPLP-AS-6020,CT-SPLP-CD-6020,CT-SPLP-CR-6020,CT-SPLP-CU-6020,CT-SPLP-HG,CT-SPLP-NI-6020,CT-SPLP-PB-6020,CT-SPLP-ZN-6020,CT-TCLP-RCRA8,CT-TCLP-AG,CT-TCLP-AS,CT-TCLP-BA,CT-TCLP-CD,CT-TCLP-CR,CT-TCLP-HG,CT-TCLP-PB,CT-TCLP-SE,PREPC,PREPP

L1806872-07 SDT-DS-GVT-PC02 3 S0 27FEB18 11:40 1-EAmber-A1,2-EPlastic-C.25,1-Glass-A.5,1-Tumble Vessel
PREPP: Metals and PCB Homologs for MF - **** for PCBs use NEW Tumble Vessels, Trace Level PCBs!!! ****
PREPC: Metals Full Narration Package Due Date: 03/14/18
A2-PCBHOMS-SPLP,CT-SPLP-AG-6020,CT-SPLP-AS-6020,CT-SPLP-CD-6020,CT-SPLP-CR-6020,CT-SPLP-CU-6020,CT-SPLP-HG,CT-SPLP-NI-6020,CT-SPLP-PB-6020,CT-SPLP-ZN-6020,CT-TCLP-RCRA8,CT-TCLP-AG,CT-TCLP-AS,CT-TCLP-BA,CT-TCLP-CD,CT-TCLP-CR,CT-TCLP-HG,CT-TCLP-PB,CT-TCLP-SE,PREPC,PREPP

L1806872-08 SDT-DS-GVT-PC04 3 S0 27FEB18 11:42 1-EAmber-A1,2-EPlastic-C.25,1-Glass-A.5,1-Tumble Vessel
PREPP: Metals and PCB Homologs for MF - **** for PCBs use NEW Tumble Vessels, Trace Level PCBs!!! ****
PREPC: Metals Full Narration Package Due Date: 03/14/18
A2-PCBHOMS-SPLP,CT-SPLP-AG-6020,CT-SPLP-AS-6020,CT-SPLP-CD-6020,CT-SPLP-CR-6020,CT-SPLP-CU-6020,CT-SPLP-HG,CT-SPLP-NI-6020,CT-SPLP-PB-6020,CT-SPLP-ZN-6020,CT-TCLP-RCRA8,CT-TCLP-AG,CT-TCLP-AS,CT-TCLP-BA,CT-TCLP-CD,CT-TCLP-CR,CT-TCLP-HG,CT-TCLP-PB,CT-TCLP-SE,PREPC,PREPP

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Mar 14 2018, 06:34 pm

Login Number: L1806872

Account: AMEC-ME AMEC Foster Wheeler E & I, Inc. Project: 3616176064.08.01

Sample # Client ID Received: 28FEB18 Due Date: 14MAR18
Mat PR Collected Container

L1806872-09 SDT-DS-GVT-PC05 3 S0 27FEB18 11:44 1-EAmber-A1,2-EPlastic-C.25,1-Glass-A.5,1-Tumble Vessel
PREPP: Metals and PCB Homologs for MF - **** for PCBs use NEW Tumble Vessels, Trace Level PCBs!!! ****
PREPC: Metals Full Narration Package Due Date: 03/14/18

A2-PCBHOMS-SPLP,CT-SPLP-AG-6020,CT-SPLP-AS-6020,CT-SPLP-CD-6020,CT-SPLP-CR-6020,CT-SPLP-CU-6020,CT-SPLP-HG,CT-SPLP-NI-6020,CT-SPLP-PB-6020,CT-SPLP-ZN-6020,CT-TCLP-RCRA8,CT-TCLP-AG,CT-TCLP-AS,CT-TCLP-BA,CT-TCLP-CD,CT-TCLP-CR,CT-TCLP-HG,CT-TCLP-PB,CT-TCLP-SE,PREPC,PREPP

L1806872-10 SDT-DS-GVT-CC02 3 S0 27FEB18 11:46 1-EAmber-A1,2-EPlastic-C.25,1-Glass-A.5,1-Tumble Vessel
PREPP: Metals and PCB Homologs for MF - **** for PCBs use NEW Tumble Vessels, Trace Level PCBs!!! ****
PREPC: Metals Full Narration Package Due Date: 03/14/18

A2-PCBHOMS-SPLP,CT-SPLP-AG-6020,CT-SPLP-AS-6020,CT-SPLP-CD-6020,CT-SPLP-CR-6020,CT-SPLP-CU-6020,CT-SPLP-HG,CT-SPLP-NI-6020,CT-SPLP-PB-6020,CT-SPLP-ZN-6020,CT-TCLP-RCRA8,CT-TCLP-AG,CT-TCLP-AS,CT-TCLP-BA,CT-TCLP-CD,CT-TCLP-CR,CT-TCLP-HG,CT-TCLP-PB,CT-TCLP-SE,PREPC,PREPP

L1806872-11 SDT-DS-GVT-CC04 3 S0 27FEB18 11:48 1-EAmber-A1,2-EPlastic-C.25,1-Glass-A.5,1-Tumble Vessel
PREPP: Metals and PCB Homologs for MF - **** for PCBs use NEW Tumble Vessels, Trace Level PCBs!!! ****
PREPC: Metals Full Narration Package Due Date: 03/14/18

A2-PCBHOMS-SPLP,CT-SPLP-AG-6020,CT-SPLP-AS-6020,CT-SPLP-CD-6020,CT-SPLP-CR-6020,CT-SPLP-CU-6020,CT-SPLP-HG,CT-SPLP-NI-6020,CT-SPLP-PB-6020,CT-SPLP-ZN-6020,CT-TCLP-RCRA8,CT-TCLP-AG,CT-TCLP-AS,CT-TCLP-BA,CT-TCLP-CD,CT-TCLP-CR,CT-TCLP-HG,CT-TCLP-PB,CT-TCLP-SE,PREPC,PREPP

L1806872-12 SDT-DS-GVT-CC05 3 S0 27FEB18 11:50 1-EAmber-A1,2-EPlastic-C.25,1-Glass-A.5,1-Tumble Vessel
PREPP: Metals and PCB Homologs for MF - **** for PCBs use NEW Tumble Vessels, Trace Level PCBs!!! ****
PREPC: Metals Full Narration Package Due Date: 03/14/18

A2-PCBHOMS-SPLP,CT-SPLP-AG-6020,CT-SPLP-AS-6020,CT-SPLP-CD-6020,CT-SPLP-CR-6020,CT-SPLP-CU-6020,CT-SPLP-HG,CT-SPLP-NI-6020,CT-SPLP-PB-6020,CT-SPLP-ZN-6020,CT-TCLP-RCRA8,CT-TCLP-AG,CT-TCLP-AS,CT-TCLP-BA,CT-TCLP-CD,CT-TCLP-CR,CT-TCLP-HG,CT-TCLP-PB,CT-TCLP-SE,PREPC,PREPP

Container Tracking



**ALPHA ANALYTICAL LABORATORIES
Container Tracking Report**

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L1806872-01A	Glass-A.5	INTACT	05-MAR-18	CUSTODY	RETURN WALK-IN	CUSTODY David Cormier	W10-S3-B	CUSTODY	W10-S3-B CUSTODY David Cormier
L1806872-01A	Glass-A.5	INTACT	01-MAR-18	ORGPREP	ORGPREP	Eric Asamoah	CUSTODY	RETURN WALK-IN	CUSTODY Eric Asamoah
L1806872-01A	Glass-A.5	INTACT	28-FEB-18		CUSTODY	Caleb Agyepong	ORGPREP	ORGPREP	Caleb Agyepong
L1806872-01A	Glass-A.5	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-01X	EPlastic-C.25	INTACT	07-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Raldi Cabral	A2-METALS DEAD	CUSTODY	A2-METALS DEAD CUSTODY Raldi Cabral
L1806872-01X	EPlastic-C.25	INTACT	03-MAR-18	TRANSIT COURIER	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Phillip Renaud
L1806872-01X	EPlastic-C.25	INTACT	03-MAR-18		COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah		TRANSIT COURIER	COOLER26-TRANSFER_TO_MANSFIELD
L1806872-01X	EPlastic-C.25	INTACT	02-MAR-18	ORGPREP	CUSTODY	Eric Asamoah	COOLER26-TRANSFER_TO_MANSFIELD	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah
L1806872-01X	EPlastic-C.25	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-01Y	EPlastic-C.25	INTACT	07-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Raldi Cabral	A2-METALS DEAD	CUSTODY	A2-METALS DEAD CUSTODY Raldi Cabral
L1806872-01Y	EPlastic-C.25	INTACT	02-MAR-18	TRANSIT COURIER	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Phillip Renaud
L1806872-01Y	EPlastic-C.25	INTACT	02-MAR-18		COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento		TRANSIT COURIER	COOLER24-TRANSFER_TO_MANSFIELD
L1806872-01Y	EPlastic-C.25	INTACT	02-MAR-18		CUSTODY	Tarcisio Nascimento	COOLER24-TRANSFER_TO_MANSFIELD	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento
L1806872-01Y	EPlastic-C.25	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-01Z	EAmber-A1	EMPTY	06-MAR-18	A2-CUSTODY-REFRIDGE	A2-ORGANIC PREP	Brian Anderson	A2-CUSTODY-REFRIDGE	A2-CUSTODY-REFRIDGE	Brian Anderson
L1806872-01Z	EAmber-A1	INTACT	06-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-NOAA1	Brian Anderson	A2-ORGANIC PREP	A2-ORGANIC PREP	Brian Anderson
L1806872-01Z	EAmber-A1	INTACT	03-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Bethany Bedard	A2-CUSTODY-NOAA1	A2-CUSTODY-NOAA1	Bethany Bedard
L1806872-01Z	EAmber-A1	INTACT	03-MAR-18	TRANSIT COURIER	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah	A2-CUSTODY	A2-CUSTODY	Phillip Renaud
L1806872-01Z	EAmber-A1	INTACT	03-MAR-18		COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah		TRANSIT COURIER	COOLER1-TRANSFER_TO_MANSFIELD
L1806872-01Z	EAmber-A1	INTACT	02-MAR-18	ORGPREP	CUSTODY	Eric Asamoah	COOLER1-TRANSFER_TO_MANSFIELD	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah
L1806872-01Z	EAmber-A1	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-02A	Glass-A.5	INTACT	05-MAR-18	CUSTODY	RETURN WALK-IN	CUSTODY David Cormier	W10-S5-B	CUSTODY	W10-S5-B CUSTODY David Cormier
L1806872-02A	Glass-A.5	INTACT	01-MAR-18	ORGPREP	ORGPREP	Eric Asamoah	CUSTODY	RETURN WALK-IN	CUSTODY Eric Asamoah
L1806872-02A	Glass-A.5	INTACT	28-FEB-18		CUSTODY	Caleb Agyepong	ORGPREP	ORGPREP	Caleb Agyepong
L1806872-02A	Glass-A.5	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L1806872-02X	EPlastic-C.25	INTACT	07-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Raldi Cabral	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Raldi Cabral
L1806872-02X	EPlastic-C.25	INTACT	03-MAR-18	TRANSIT COURIER	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Phillip Renaud
L1806872-02X	EPlastic-C.25	INTACT	03-MAR-18	COOLER26-TRANSFER_TO_MANSFIELD	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah	TRANSIT COURIER	COOLER26-TRANSFER_TO_MANSFIELD	
L1806872-02X	EPlastic-C.25	INTACT	02-MAR-18	ORGPREP	CUSTODY	Eric Asamoah	COOLER26-TRANSFER_TO_MANSFIELD	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah
L1806872-02X	EPlastic-C.25	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-02Y	EPlastic-C.25	INTACT	07-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Raldi Cabral	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Raldi Cabral
L1806872-02Y	EPlastic-C.25	INTACT	02-MAR-18	TRANSIT COURIER	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Phillip Renaud
L1806872-02Y	EPlastic-C.25	INTACT	02-MAR-18	COOLER24-TRANSFER_TO_MANSFIELD	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento	TRANSIT COURIER	COOLER24-TRANSFER_TO_MANSFIELD	
L1806872-02Y	EPlastic-C.25	INTACT	02-MAR-18		CUSTODY	Tarcisio Nascimento	COOLER24-TRANSFER_TO_MANSFIELD	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento
L1806872-02Y	EPlastic-C.25	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-02Z	EAmber-A1	EMPTY	06-MAR-18	A2-CUSTODY-REFRIDGE	A2-ORGANIC PREP	Brian Anderson	A2-CUSTODY-REFRIDGE	A2-CUSTODY-REFRIDGE	Brian Anderson
L1806872-02Z	EAmber-A1	INTACT	06-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-NOAA1	Brian Anderson	A2-ORGANIC PREP	A2-ORGANIC PREP	Brian Anderson
L1806872-02Z	EAmber-A1	INTACT	03-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Bethany Bedard	A2-CUSTODY-NOAA1	A2-CUSTODY-NOAA1	Bethany Bedard
L1806872-02Z	EAmber-A1	INTACT	03-MAR-18	TRANSIT COURIER	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah	A2-CUSTODY	A2-CUSTODY	Phillip Renaud
L1806872-02Z	EAmber-A1	INTACT	03-MAR-18	COOLER1-TRANSFER_TO_MANSFIELD	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah	TRANSIT COURIER	COOLER1-TRANSFER_TO_MANSFIELD	
L1806872-02Z	EAmber-A1	INTACT	02-MAR-18	ORGPREP	CUSTODY	Eric Asamoah	COOLER1-TRANSFER_TO_MANSFIELD	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah
L1806872-02Z	EAmber-A1	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-03A	Glass-A.5	INTACT	05-MAR-18	CUSTODY	RETURN WALK-IN CUSTODY	David Cormier	W10-S3-B CUSTODY	W10-S3-B CUSTODY	David Cormier
L1806872-03A	Glass-A.5	INTACT	01-MAR-18	ORGPREP	ORGPREP	Eric Asamoah	CUSTODY	RETURN WALK-IN CUSTODY	Eric Asamoah
L1806872-03A	Glass-A.5	INTACT	28-FEB-18		CUSTODY	Caleb Agyepong	ORGPREP	ORGPREP	Caleb Agyepong
L1806872-03A	Glass-A.5	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-03X	EPlastic-C.25	INTACT	07-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Raldi Cabral	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Raldi Cabral
L1806872-03X	EPlastic-C.25	INTACT	03-MAR-18	TRANSIT COURIER	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Phillip Renaud
L1806872-03X	EPlastic-C.25	INTACT	03-MAR-18	COOLER26-TRANSFER_TO_MANSFIELD	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah	TRANSIT COURIER	COOLER26-TRANSFER_TO_MANSFIELD	
L1806872-03X	EPlastic-C.25	INTACT	02-MAR-18	ORGPREP	CUSTODY	Eric Asamoah	COOLER26-TRANSFER_TO_MANSFIELD	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L1806872-03X	EPlastic-C.25	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-03Y	EPlastic-C.25	INTACT	07-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Raldi Cabral	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Raldi Cabral
L1806872-03Y	EPlastic-C.25	INTACT	02-MAR-18	TRANSIT COURIER	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Phillip Renaud
L1806872-03Y	EPlastic-C.25	INTACT	02-MAR-18	COOLER24-TRANSFER_TO_MANSFIELD	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento	TRANSIT COURIER	COOLER24-TRANSFER_TO_MANSFIELD	
L1806872-03Y	EPlastic-C.25	INTACT	02-MAR-18		CUSTODY	Tarcisio Nascimento	COOLER24-TRANSFER_TO_MANSFIELD	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Na
L1806872-03Y	EPlastic-C.25	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-03Z	EAmber-A1	EMPTY	06-MAR-18	A2-CUSTODY-REFRIDGE	A2-ORGANIC PREP	Brian Anderson	A2-CUSTODY-REFRIDGE	A2-CUSTODY-REFRIDGE	Brian Anderson
L1806872-03Z	EAmber-A1	INTACT	06-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-NOAA1	Brian Anderson	A2-ORGANIC PREP	A2-ORGANIC PREP	Brian Anderson
L1806872-03Z	EAmber-A1	INTACT	03-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Bethany Bedard	A2-CUSTODY-NOAA1	A2-CUSTODY-NOAA1	Bethany Bedard
L1806872-03Z	EAmber-A1	INTACT	03-MAR-18	TRANSIT COURIER	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah	A2-CUSTODY	A2-CUSTODY	Phillip Renaud
L1806872-03Z	EAmber-A1	INTACT	03-MAR-18	COOLER1-TRANSFER_TO_MANSFIELD	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah	TRANSIT COURIER	COOLER1-TRANSFER_TO_MANSFIELD	
L1806872-03Z	EAmber-A1	INTACT	02-MAR-18	ORGPREP	CUSTODY	Eric Asamoah	COOLER1-TRANSFER_TO_MANSFIELD	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah
L1806872-03Z	EAmber-A1	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-04A	Glass-A.5	INTACT	05-MAR-18	CUSTODY	RETURN WALK-IN CUSTODY	David Cormier	W10-S3-B CUSTODY	W10-S3-B CUSTODY	David Cormier
L1806872-04A	Glass-A.5	INTACT	01-MAR-18	ORGPREP	ORGPREP	Eric Asamoah	CUSTODY	RETURN WALK-IN CUSTODY	Eric Asamoah
L1806872-04A	Glass-A.5	INTACT	28-FEB-18		CUSTODY	Caleb Agyepong	ORGPREP	ORGPREP	Caleb Agyepong
L1806872-04A	Glass-A.5	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-04X	EPlastic-C.25	INTACT	07-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Raldi Cabral	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Raldi Cabral
L1806872-04X	EPlastic-C.25	INTACT	03-MAR-18	TRANSIT COURIER	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Phillip Renaud
L1806872-04X	EPlastic-C.25	INTACT	03-MAR-18	COOLER26-TRANSFER_TO_MANSFIELD	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah	TRANSIT COURIER	COOLER26-TRANSFER_TO_MANSFIELD	
L1806872-04X	EPlastic-C.25	INTACT	02-MAR-18	ORGPREP	CUSTODY	Eric Asamoah	COOLER26-TRANSFER_TO_MANSFIELD	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah
L1806872-04X	EPlastic-C.25	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-04Y	EPlastic-C.25	INTACT	07-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Raldi Cabral	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Raldi Cabral
L1806872-04Y	EPlastic-C.25	INTACT	02-MAR-18	TRANSIT COURIER	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Phillip Renaud
L1806872-04Y	EPlastic-C.25	INTACT	02-MAR-18	COOLER24-TRANSFER_TO_MANSFIELD	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento	TRANSIT COURIER	COOLER24-TRANSFER_TO_MANSFIELD	

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L1806872-04Y	EPlastic-C.25	INTACT	02-MAR-18		CUSTODY	Tarcisio Nascimento	COOLER24-TRANSFER_TO_MANSFIELD	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Na
L1806872-04Y	EPlastic-C.25	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-04Z	EAmber-A1	EMPTY	06-MAR-18	A2-CUSTODY-REFRIDGE	A2-ORGANIC PREP	Brian Anderson	A2-CUSTODY-REFRIDGE	A2-CUSTODY-REFRIDGE	Brian Anderson
L1806872-04Z	EAmber-A1	INTACT	06-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-NOAA1	Brian Anderson	A2-ORGANIC PREP	A2-ORGANIC PREP	Brian Anderson
L1806872-04Z	EAmber-A1	INTACT	03-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Bethany Bedard	A2-CUSTODY-NOAA1	A2-CUSTODY-NOAA1	Bethany Bedard
L1806872-04Z	EAmber-A1	INTACT	03-MAR-18	TRANSIT COURIER	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah	A2-CUSTODY	A2-CUSTODY	Phillip Renaud
L1806872-04Z	EAmber-A1	INTACT	03-MAR-18	COOLER1-TRANSFER_TO_MANSFIELD	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah	TRANSIT COURIER	COOLER1-TRANSFER_TO_MANSFIELD	
L1806872-04Z	EAmber-A1	INTACT	02-MAR-18	ORGPREP	CUSTODY	Eric Asamoah	COOLER1-TRANSFER_TO_MANSFIELD	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah
L1806872-04Z	EAmber-A1	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-05A	Glass-A.5	INTACT	05-MAR-18	CUSTODY	RETURN WALK-IN	CUSTODY David Cormier	W10-S3-B	CUSTODY W10-S3-B	CUSTODY David Cormier
L1806872-05A	Glass-A.5	INTACT	01-MAR-18	ORGPREP	ORGPREP	Eric Asamoah	RETURN WALK-IN	CUSTODY	Eric Asamoah
L1806872-05A	Glass-A.5	INTACT	28-FEB-18		CUSTODY	Caleb Agyepong	ORGPREP	ORGPREP	Caleb Agyepong
L1806872-05A	Glass-A.5	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-05X	EPlastic-C.25	INTACT	07-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Raldi Cabral	A2-METALS DEAD	CUSTODY A2-METALS DEAD	CUSTODY Raldi Cabral
L1806872-05X	EPlastic-C.25	INTACT	03-MAR-18	TRANSIT COURIER	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Phillip Renaud
L1806872-05X	EPlastic-C.25	INTACT	03-MAR-18	COOLER26-TRANSFER_TO_MANSFIELD	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah	TRANSIT COURIER	COOLER26-TRANSFER_TO_MANSFI	
L1806872-05X	EPlastic-C.25	INTACT	02-MAR-18	ORGPREP	CUSTODY	Eric Asamoah	COOLER26-TRANSFER_TO_MANSFIELD	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah
L1806872-05X	EPlastic-C.25	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-05Y	EPlastic-C.25	INTACT	07-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Raldi Cabral	A2-METALS DEAD	CUSTODY A2-METALS DEAD	CUSTODY Raldi Cabral
L1806872-05Y	EPlastic-C.25	INTACT	02-MAR-18	TRANSIT COURIER	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Phillip Renaud
L1806872-05Y	EPlastic-C.25	INTACT	02-MAR-18	COOLER24-TRANSFER_TO_MANSFIELD	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento	TRANSIT COURIER	COOLER24-TRANSFER_TO_MANSFI	
L1806872-05Y	EPlastic-C.25	INTACT	02-MAR-18		CUSTODY	Tarcisio Nascimento	COOLER24-TRANSFER_TO_MANSFIELD	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Na
L1806872-05Y	EPlastic-C.25	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-05Z	EAmber-A1	EMPTY	06-MAR-18	A2-CUSTODY-REFRIDGE	A2-ORGANIC PREP	Brian Anderson	A2-CUSTODY-REFRIDGE	A2-CUSTODY-REFRIDGE	Brian Anderson
L1806872-05Z	EAmber-A1	INTACT	06-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-NOAA1	Brian Anderson	A2-ORGANIC PREP	A2-ORGANIC PREP	Brian Anderson

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L1806872-05Z	EAmber-A1	INTACT	03-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Bethany Bedard	A2-CUSTODY-NOAA1	A2-CUSTODY-NOAA1	Bethany Bedard
L1806872-05Z	EAmber-A1	INTACT	03-MAR-18	TRANSIT COURIER	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah	A2-CUSTODY	A2-CUSTODY	Phillip Renaud
L1806872-05Z	EAmber-A1	INTACT	03-MAR-18	COOLER1-TRANSFER_TO_MANSFIELD	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah	TRANSIT COURIER	COOLER1-TRANSFER_TO_MANSFIELD	
L1806872-05Z	EAmber-A1	INTACT	02-MAR-18	ORGPREP	CUSTODY	Eric Asamoah	COOLER1-TRANSFER_TO_MANSFIELD	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah
L1806872-05Z	EAmber-A1	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-06A	Glass-A.5	INTACT	05-MAR-18	CUSTODY	RETURN WALK-IN	CUSTODY David Cormier	W10-S3-B CUSTODY	W10-S3-B CUSTODY	David Cormier
L1806872-06A	Glass-A.5	INTACT	01-MAR-18	ORGPREP	ORGPREP	Eric Asamoah	CUSTODY	RETURN WALK-IN CUSTODY	Eric Asamoah
L1806872-06A	Glass-A.5	INTACT	28-FEB-18		CUSTODY	Caleb Agyepong	ORGPREP	ORGPREP	Caleb Agyepong
L1806872-06A	Glass-A.5	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-06X	EPlastic-C.25	INTACT	07-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Raldi Cabral	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Raldi Cabral
L1806872-06X	EPlastic-C.25	INTACT	03-MAR-18	TRANSIT COURIER	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Phillip Renaud
L1806872-06X	EPlastic-C.25	INTACT	03-MAR-18	COOLER26-TRANSFER_TO_MANSFIELD	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah	TRANSIT COURIER	COOLER26-TRANSFER_TO_MANSFIELD	
L1806872-06X	EPlastic-C.25	INTACT	02-MAR-18	ORGPREP	CUSTODY	Eric Asamoah	COOLER26-TRANSFER_TO_MANSFIELD	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah
L1806872-06X	EPlastic-C.25	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-06Y	EPlastic-C.25	INTACT	07-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Raldi Cabral	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Raldi Cabral
L1806872-06Y	EPlastic-C.25	INTACT	02-MAR-18	TRANSIT COURIER	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Phillip Renaud
L1806872-06Y	EPlastic-C.25	INTACT	02-MAR-18	COOLER24-TRANSFER_TO_MANSFIELD	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento	TRANSIT COURIER	COOLER24-TRANSFER_TO_MANSFIELD	
L1806872-06Y	EPlastic-C.25	INTACT	02-MAR-18		CUSTODY	Tarcisio Nascimento	COOLER24-TRANSFER_TO_MANSFIELD	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Na
L1806872-06Y	EPlastic-C.25	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-06Z	EAmber-A1	EMPTY	06-MAR-18	A2-CUSTODY-REFRIDGE	A2-ORGANIC PREP	Brian Anderson	A2-CUSTODY-REFRIDGE	A2-CUSTODY-REFRIDGE	Brian Anderson
L1806872-06Z	EAmber-A1	INTACT	06-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-NOAA1	Brian Anderson	A2-ORGANIC PREP	A2-ORGANIC PREP	Brian Anderson
L1806872-06Z	EAmber-A1	INTACT	03-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Bethany Bedard	A2-CUSTODY-NOAA1	A2-CUSTODY-NOAA1	Bethany Bedard
L1806872-06Z	EAmber-A1	INTACT	03-MAR-18	TRANSIT COURIER	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah	A2-CUSTODY	A2-CUSTODY	Phillip Renaud
L1806872-06Z	EAmber-A1	INTACT	03-MAR-18	COOLER1-TRANSFER_TO_MANSFIELD	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah	TRANSIT COURIER	COOLER1-TRANSFER_TO_MANSFIELD	
L1806872-06Z	EAmber-A1	INTACT	02-MAR-18	ORGPREP	CUSTODY	Eric Asamoah	COOLER1-TRANSFER_TO_MANSFIELD	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L1806872-06Z	EAmber-A1	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-07A	Glass-A.5	INTACT	05-MAR-18	CUSTODY	RETURN WALK-IN	CUSTODY David Cormier	W10-S5-B	CUSTODY W10-S5-B	CUSTODY David Cormier
L1806872-07A	Glass-A.5	INTACT	01-MAR-18	ORGPREP	ORGPREP	Eric Asamoah	CUSTODY	RETURN WALK-IN	CUSTODY Eric Asamoah
L1806872-07A	Glass-A.5	INTACT	28-FEB-18		CUSTODY	Caleb Agyepong	ORGPREP	ORGPREP	Caleb Agyepong
L1806872-07A	Glass-A.5	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-07X	EPlastic-C.25	INTACT	07-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Raldi Cabral	A2-METALS DEAD	CUSTODY A2-METALS DEAD	CUSTODY Raldi Cabral
L1806872-07X	EPlastic-C.25	INTACT	03-MAR-18	TRANSIT COURIER	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Phillip Renaud
L1806872-07X	EPlastic-C.25	INTACT	03-MAR-18		COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah		TRANSIT COURIER	COOLER26-TRANSFER_TO_MANSFIELD
L1806872-07X	EPlastic-C.25	INTACT	02-MAR-18	ORGPREP	CUSTODY	Eric Asamoah	COOLER26-TRANSFER_TO_MANSFIELD	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah
L1806872-07X	EPlastic-C.25	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-07Y	EPlastic-C.25	INTACT	07-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Raldi Cabral	A2-METALS DEAD	CUSTODY A2-METALS DEAD	CUSTODY Raldi Cabral
L1806872-07Y	EPlastic-C.25	INTACT	02-MAR-18	TRANSIT COURIER	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Phillip Renaud
L1806872-07Y	EPlastic-C.25	INTACT	02-MAR-18		COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento		TRANSIT COURIER	COOLER24-TRANSFER_TO_MANSFIELD
L1806872-07Y	EPlastic-C.25	INTACT	02-MAR-18		CUSTODY	Tarcisio Nascimento	COOLER24-TRANSFER_TO_MANSFIELD	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento
L1806872-07Y	EPlastic-C.25	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-07Z	EAmber-A1	EMPTY	06-MAR-18	A2-CUSTODY-REFRIDGE	A2-ORGANIC PREP	Brian Anderson	A2-CUSTODY-REFRIDGE	A2-CUSTODY-REFRIDGE	Brian Anderson
L1806872-07Z	EAmber-A1	INTACT	06-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-NOAA1	Brian Anderson	A2-ORGANIC PREP	A2-ORGANIC PREP	Brian Anderson
L1806872-07Z	EAmber-A1	INTACT	03-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Bethany Bedard	A2-CUSTODY-NOAA1	A2-CUSTODY-NOAA1	Bethany Bedard
L1806872-07Z	EAmber-A1	INTACT	03-MAR-18	TRANSIT COURIER	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah	A2-CUSTODY	A2-CUSTODY	Phillip Renaud
L1806872-07Z	EAmber-A1	INTACT	03-MAR-18		COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah		TRANSIT COURIER	COOLER1-TRANSFER_TO_MANSFIELD
L1806872-07Z	EAmber-A1	INTACT	02-MAR-18	ORGPREP	CUSTODY	Eric Asamoah	COOLER1-TRANSFER_TO_MANSFIELD	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah
L1806872-07Z	EAmber-A1	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-08A	Glass-A.5	INTACT	05-MAR-18	CUSTODY	RETURN WALK-IN	CUSTODY David Cormier	W10-S3-B	CUSTODY W10-S3-B	CUSTODY David Cormier
L1806872-08A	Glass-A.5	INTACT	01-MAR-18	ORGPREP	ORGPREP	Eric Asamoah	CUSTODY	RETURN WALK-IN	CUSTODY Eric Asamoah
L1806872-08A	Glass-A.5	INTACT	28-FEB-18		CUSTODY	Caleb Agyepong	ORGPREP	ORGPREP	Caleb Agyepong

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L1806872-08A	Glass-A.5	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-08X	EPlastic-C.25	INTACT	07-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Raldi Cabral	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Raldi Cabral
L1806872-08X	EPlastic-C.25	INTACT	03-MAR-18	TRANSIT COURIER	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Phillip Renaud
L1806872-08X	EPlastic-C.25	INTACT	03-MAR-18	COOLER26-TRANSFER_TO_MANSFIELD	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah	TRANSIT COURIER	COOLER26-TRANSFER_TO_MANSFIELD	
L1806872-08X	EPlastic-C.25	INTACT	02-MAR-18	ORGPREP	CUSTODY	Eric Asamoah	COOLER26-TRANSFER_TO_MANSFIELD	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah
L1806872-08X	EPlastic-C.25	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-08Y	EPlastic-C.25	INTACT	07-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Raldi Cabral	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Raldi Cabral
L1806872-08Y	EPlastic-C.25	INTACT	02-MAR-18	TRANSIT COURIER	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Phillip Renaud
L1806872-08Y	EPlastic-C.25	INTACT	02-MAR-18	COOLER24-TRANSFER_TO_MANSFIELD	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento	TRANSIT COURIER	COOLER24-TRANSFER_TO_MANSFIELD	
L1806872-08Y	EPlastic-C.25	INTACT	02-MAR-18		CUSTODY	Tarcisio Nascimento	COOLER24-TRANSFER_TO_MANSFIELD	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento
L1806872-08Y	EPlastic-C.25	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-08Z	EAmber-A1	EMPTY	06-MAR-18	A2-CUSTODY-REFRIDGE	A2-ORGANIC PREP	Brian Anderson	A2-CUSTODY-REFRIDGE	A2-CUSTODY-REFRIDGE	Brian Anderson
L1806872-08Z	EAmber-A1	INTACT	06-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-NOAA1	Brian Anderson	A2-ORGANIC PREP	A2-ORGANIC PREP	Brian Anderson
L1806872-08Z	EAmber-A1	INTACT	03-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Bethany Bedard	A2-CUSTODY-NOAA1	A2-CUSTODY-NOAA1	Bethany Bedard
L1806872-08Z	EAmber-A1	INTACT	03-MAR-18	TRANSIT COURIER	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah	A2-CUSTODY	A2-CUSTODY	Phillip Renaud
L1806872-08Z	EAmber-A1	INTACT	03-MAR-18	COOLER1-TRANSFER_TO_MANSFIELD	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah	TRANSIT COURIER	COOLER1-TRANSFER_TO_MANSFIELD	
L1806872-08Z	EAmber-A1	INTACT	02-MAR-18	ORGPREP	CUSTODY	Eric Asamoah	COOLER1-TRANSFER_TO_MANSFIELD	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah
L1806872-08Z	EAmber-A1	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-09A	Glass-A.5	INTACT	05-MAR-18	CUSTODY	RETURN WALK-IN	CUSTODY David Cormier	W10-S3-B CUSTODY	W10-S3-B CUSTODY	David Cormier
L1806872-09A	Glass-A.5	INTACT	01-MAR-18	ORGPREP	ORGPREP	Eric Asamoah	RETURN WALK-IN CUSTODY	Eric Asamoah	
L1806872-09A	Glass-A.5	INTACT	28-FEB-18		CUSTODY	Caleb Agyepong	ORGPREP	ORGPREP	Caleb Agyepong
L1806872-09A	Glass-A.5	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-09X	EPlastic-C.25	INTACT	07-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Raldi Cabral	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Raldi Cabral
L1806872-09X	EPlastic-C.25	INTACT	03-MAR-18	TRANSIT COURIER	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Phillip Renaud
L1806872-09X	EPlastic-C.25	INTACT	03-MAR-18	COOLER26-TRANSFER_TO_MANSFIELD	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah	TRANSIT COURIER	COOLER26-TRANSFER_TO_MANSFIELD	

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L1806872-09X	EPlastic-C.25	INTACT	02-MAR-18	ORGPREP	CUSTODY	Eric Asamoah	COOLER26-TRANSFER_TO_MANSFIELD	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah
L1806872-09X	EPlastic-C.25	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-09Y	EPlastic-C.25	INTACT	07-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Raldi Cabral	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Raldi Cabral
L1806872-09Y	EPlastic-C.25	INTACT	02-MAR-18	TRANSIT COURIER	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Phillip Renaud
L1806872-09Y	EPlastic-C.25	INTACT	02-MAR-18	COOLER24-TRANSFER_TO_MANSFIELD	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento	TRANSIT COURIER	COOLER24-TRANSFER_TO_MANSFIELD	Phillip Renaud
L1806872-09Y	EPlastic-C.25	INTACT	02-MAR-18		CUSTODY	Tarcisio Nascimento	COOLER24-TRANSFER_TO_MANSFIELD	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento
L1806872-09Y	EPlastic-C.25	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-09Z	EAmber-A1	EMPTY	06-MAR-18	A2-CUSTODY-REFRIDGE	A2-ORGANIC PREP	Brian Anderson	A2-CUSTODY-REFRIDGE	A2-CUSTODY-REFRIDGE	Brian Anderson
L1806872-09Z	EAmber-A1	INTACT	06-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-NOAA1	Brian Anderson	A2-ORGANIC PREP	A2-ORGANIC PREP	Brian Anderson
L1806872-09Z	EAmber-A1	INTACT	03-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Bethany Bedard	A2-CUSTODY-NOAA1	A2-CUSTODY-NOAA1	Bethany Bedard
L1806872-09Z	EAmber-A1	INTACT	03-MAR-18	TRANSIT COURIER	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah	A2-CUSTODY	A2-CUSTODY	Phillip Renaud
L1806872-09Z	EAmber-A1	INTACT	03-MAR-18	COOLER1-TRANSFER_TO_MANSFIELD	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah	TRANSIT COURIER	COOLER1-TRANSFER_TO_MANSFIELD	Phillip Renaud
L1806872-09Z	EAmber-A1	INTACT	02-MAR-18	ORGPREP	CUSTODY	Eric Asamoah	COOLER1-TRANSFER_TO_MANSFIELD	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah
L1806872-09Z	EAmber-A1	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-10A	Glass-A.5	INTACT	05-MAR-18	CUSTODY	RETURN WALK-IN CUSTODY	David Cormier	W10-S3-B CUSTODY	W10-S3-B CUSTODY	David Cormier
L1806872-10A	Glass-A.5	INTACT	01-MAR-18	ORGPREP	ORGPREP	Eric Asamoah	CUSTODY	RETURN WALK-IN CUSTODY	Eric Asamoah
L1806872-10A	Glass-A.5	INTACT	28-FEB-18		CUSTODY	Caleb Agyepong	ORGPREP	ORGPREP	Caleb Agyepong
L1806872-10A	Glass-A.5	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-10X	EPlastic-C.25	INTACT	07-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Raldi Cabral	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Raldi Cabral
L1806872-10X	EPlastic-C.25	INTACT	03-MAR-18	TRANSIT COURIER	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Phillip Renaud
L1806872-10X	EPlastic-C.25	INTACT	03-MAR-18	COOLER26-TRANSFER_TO_MANSFIELD	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah	TRANSIT COURIER	COOLER26-TRANSFER_TO_MANSFIELD	Phillip Renaud
L1806872-10X	EPlastic-C.25	INTACT	02-MAR-18	ORGPREP	CUSTODY	Eric Asamoah	COOLER26-TRANSFER_TO_MANSFIELD	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah
L1806872-10X	EPlastic-C.25	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-10Y	EPlastic-C.25	INTACT	07-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Raldi Cabral	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Raldi Cabral
L1806872-10Y	EPlastic-C.25	INTACT	02-MAR-18	TRANSIT COURIER	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Phillip Renaud

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L1806872-10Y	EPlastic-C.25	INTACT	02-MAR-18	COOLER24-TRANSFER_TO_MANSFIELD		COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento	TRANSIT COURIER	COOLER24-TRANSFER_TO_MANSFIELD
L1806872-10Y	EPlastic-C.25	INTACT	02-MAR-18		CUSTODY	Tarcisio Nascimento	COOLER24-TRANSFER_TO_MANSFIELD	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento
L1806872-10Y	EPlastic-C.25	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-10Z	EAmber-A1	EMPTY	06-MAR-18	A2-CUSTODY-REFRIDGE	A2-ORGANIC PREP	Brian Anderson	A2-CUSTODY-REFRIDGE	A2-CUSTODY-REFRIDGE	Brian Anderson
L1806872-10Z	EAmber-A1	INTACT	06-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-NOAA1	Brian Anderson	A2-ORGANIC PREP	A2-ORGANIC PREP	Brian Anderson
L1806872-10Z	EAmber-A1	INTACT	03-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Bethany Bedard	A2-CUSTODY-NOAA1	A2-CUSTODY-NOAA1	Bethany Bedard
L1806872-10Z	EAmber-A1	INTACT	03-MAR-18	TRANSIT COURIER	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah	A2-CUSTODY	A2-CUSTODY	Phillip Renaud
L1806872-10Z	EAmber-A1	INTACT	03-MAR-18	COOLER1-TRANSFER_TO_MANSFIELD	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah		TRANSIT COURIER	COOLER1-TRANSFER_TO_MANSFIELD
L1806872-10Z	EAmber-A1	INTACT	02-MAR-18	ORGPREP	CUSTODY	Eric Asamoah	COOLER1-TRANSFER_TO_MANSFIELD	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah
L1806872-10Z	EAmber-A1	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-11A	Glass-A.5	INTACT	05-MAR-18	CUSTODY	RETURN WALK-IN	CUSTODY David Cormier	W10-S3-B CUSTODY	W10-S3-B CUSTODY	David Cormier
L1806872-11A	Glass-A.5	INTACT	01-MAR-18	ORGPREP	ORGPREP	Eric Asamoah	CUSTODY	RETURN WALK-IN CUSTODY	Eric Asamoah
L1806872-11A	Glass-A.5	INTACT	28-FEB-18		CUSTODY	Caleb Agyepong	ORGPREP	ORGPREP	Caleb Agyepong
L1806872-11A	Glass-A.5	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-11X	EPlastic-C.25	INTACT	07-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Raldi Cabral	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Raldi Cabral
L1806872-11X	EPlastic-C.25	INTACT	03-MAR-18	TRANSIT COURIER	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Phillip Renaud
L1806872-11X	EPlastic-C.25	INTACT	03-MAR-18	COOLER26-TRANSFER_TO_MANSFIELD	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah		TRANSIT COURIER	COOLER26-TRANSFER_TO_MANSFIELD
L1806872-11X	EPlastic-C.25	INTACT	02-MAR-18	ORGPREP	CUSTODY	Eric Asamoah	COOLER26-TRANSFER_TO_MANSFIELD	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah
L1806872-11X	EPlastic-C.25	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-11Y	EPlastic-C.25	INTACT	07-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Raldi Cabral	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Raldi Cabral
L1806872-11Y	EPlastic-C.25	INTACT	02-MAR-18	TRANSIT COURIER	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Phillip Renaud
L1806872-11Y	EPlastic-C.25	INTACT	02-MAR-18	COOLER24-TRANSFER_TO_MANSFIELD	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento		TRANSIT COURIER	COOLER24-TRANSFER_TO_MANSFIELD
L1806872-11Y	EPlastic-C.25	INTACT	02-MAR-18		CUSTODY	Tarcisio Nascimento	COOLER24-TRANSFER_TO_MANSFIELD	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento
L1806872-11Y	EPlastic-C.25	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-11Z	EAmber-A1	EMPTY	06-MAR-18	A2-CUSTODY-REFRIDGE	A2-ORGANIC PREP	Brian Anderson	A2-CUSTODY-REFRIDGE	A2-CUSTODY-REFRIDGE	Brian Anderson

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L1806872-11Z	EAmber-A1	INTACT	06-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-NOAA1	Brian Anderson	A2-ORGANIC PREP	A2-ORGANIC PREP	Brian Anderson
L1806872-11Z	EAmber-A1	INTACT	03-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Bethany Bedard	A2-CUSTODY-NOAA1	A2-CUSTODY-NOAA1	Bethany Bedard
L1806872-11Z	EAmber-A1	INTACT	03-MAR-18	TRANSIT COURIER	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah	A2-CUSTODY	A2-CUSTODY	Phillip Renaud
L1806872-11Z	EAmber-A1	INTACT	03-MAR-18	COOLER1-TRANSFER_TO_MANSFIELD	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah	TRANSIT COURIER	COOLER1-TRANSFER_TO_MANSFIELD	
L1806872-11Z	EAmber-A1	INTACT	02-MAR-18	ORGPREP	CUSTODY	Eric Asamoah	COOLER1-TRANSFER_TO_MANSFIELD	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah
L1806872-11Z	EAmber-A1	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-12A	Glass-A.5	INTACT	05-MAR-18	CUSTODY	RETURN WALK-IN	CUSTODY David Cormier	W10-S3-B CUSTODY	W10-S3-B CUSTODY	David Cormier
L1806872-12A	Glass-A.5	INTACT	01-MAR-18	ORGPREP	ORGPREP	Eric Asamoah	RETURN WALK-IN	CUSTODY	Eric Asamoah
L1806872-12A	Glass-A.5	INTACT	28-FEB-18		CUSTODY	Caleb Agyepong	ORGPREP	ORGPREP	Caleb Agyepong
L1806872-12A	Glass-A.5	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-12X	EPlastic-C.25	INTACT	07-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Raldi Cabral	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Raldi Cabral
L1806872-12X	EPlastic-C.25	INTACT	03-MAR-18	TRANSIT COURIER	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Phillip Renaud
L1806872-12X	EPlastic-C.25	INTACT	03-MAR-18	COOLER26-TRANSFER_TO_MANSFIELD	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah	TRANSIT COURIER	COOLER26-TRANSFER_TO_MANSFIELD	
L1806872-12X	EPlastic-C.25	INTACT	02-MAR-18	ORGPREP	CUSTODY	Eric Asamoah	COOLER26-TRANSFER_TO_MANSFIELD	COOLER26-TRANSFER_TO_MANSFIELD	Eric Asamoah
L1806872-12X	EPlastic-C.25	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-12Y	EPlastic-C.25	INTACT	07-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Raldi Cabral	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Raldi Cabral
L1806872-12Y	EPlastic-C.25	INTACT	02-MAR-18	TRANSIT COURIER	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Phillip Renaud
L1806872-12Y	EPlastic-C.25	INTACT	02-MAR-18	COOLER24-TRANSFER_TO_MANSFIELD	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento	TRANSIT COURIER	COOLER24-TRANSFER_TO_MANSFIELD	
L1806872-12Y	EPlastic-C.25	INTACT	02-MAR-18		CUSTODY	Tarcisio Nascimento	COOLER24-TRANSFER_TO_MANSFIELD	COOLER24-TRANSFER_TO_MANSFIELD	Tarcisio Nascimento
L1806872-12Y	EPlastic-C.25	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah
L1806872-12Z	EAmber-A1	EMPTY	06-MAR-18	A2-CUSTODY-REFRIDGE	A2-ORGANIC PREP	Brian Anderson	A2-CUSTODY-REFRIDGE	A2-CUSTODY-REFRIDGE	Brian Anderson
L1806872-12Z	EAmber-A1	INTACT	06-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY-NOAA1	Brian Anderson	A2-ORGANIC PREP	A2-ORGANIC PREP	Brian Anderson
L1806872-12Z	EAmber-A1	INTACT	03-MAR-18	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Bethany Bedard	A2-CUSTODY-NOAA1	A2-CUSTODY-NOAA1	Bethany Bedard
L1806872-12Z	EAmber-A1	INTACT	03-MAR-18	TRANSIT COURIER	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah	A2-CUSTODY	A2-CUSTODY	Phillip Renaud
L1806872-12Z	EAmber-A1	INTACT	03-MAR-18	COOLER1-TRANSFER_TO_MANSFIELD	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah	TRANSIT COURIER	COOLER1-TRANSFER_TO_MANSFIELD	

Container ID Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L1806872-12Z EAmber-A1	INTACT	02-MAR-18	ORGPREP	CUSTODY	Eric Asamoah	COOLER1-TRANSFER_TO_MANSFIELD	COOLER1-TRANSFER_TO_MANSFIELD	Eric Asamoah
L1806872-12Z EAmber-A1	INTACT	28-FEB-18	LOGIN	LOGIN	Isaac Mensah	CUSTODY	CUSTODY	Isaac Mensah

Chain of Custody





CHAIN OF CUSTODY

PAGE 1 OF 2

Project Information

Project Name: SAEP Sediment Study

Project Location:

Project #:

Project Manager: Tony Delano

ALPHA Quote #:

Turn-Around Time

Standard Rush (ONLY if not Announced)

Due Date: *contact client for Time*

Waltham, MA
TEL: 508-898-8020
FAX: 508-898-8100

Needham, MA
TEL: 508-821-6000
FAX: 508-821-3399

Client Information

Client: Wood
Address: 271 Mill Rd, 3rd Floor
Chemistford, MA 01824

Phone: 978-362-5319

Fax:
Email: tony.delano@woodpit.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Date Rec'd in Lab: 02/28/19

ALPHA Job #: L1806872

Report Information: Data Deliverables

FAX EMAIL
 ADEx ADx1 Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program:
 Criteria:

ANALYSIS

ALPHA Lab ID	Sample ID	Collection Date	Time	Sample Matrix	Sampler's Initials	STLP PCBs	STLP Site metals plus Hg	STLP metals (PCRA P)	As	Cd	Cr	Cu	Pb	Mn	Ni	Se	V	Zn
01872-01	SDF-DS-BPT-PC05	2/27/18	1128	S	TND	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
02	SDF-DS-BPT-PC06		1130			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
03	SDF-DS-BPT-PC08		1132			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
04	SDF-DS-BPT-PC03		1134			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
05	SDF-DS-BPT-PC04		1136			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
06	SDF-DS-BPT-PC06		1138			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
07	SDF-DS-BPT-PC02		1140			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
08	SDF-DS-BPT-PC04		1142			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
09	SDF-DS-BPT-PC05		1144			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	SDF-DS-BPT-PC02		1146			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SAMPLE HANDLING
 Filtration
 Done
 Not Needed
 Left to do
 Preservation
 Left to do
 (Please specify below)

Sample Specific Comments

SAMPLES TO BE TESTED

Container Type: A A A
 Preservative: A A A

Relinquished By	Date/Time	Received By	Date/Time
<i>Jessica Woodley</i>	2/27/18 1505	<i>John A...</i>	2/28/18 1552

Please print clearly, legibly and completely. Samples can not be tagged or not furnished until they are received. All samples submitted are subject to Alpha's Payment Terms.

ORIGIN OFFICE (404) 918-3172
FOLK COUNTY, GEORGIA
KIMBERLY ENVIRONMENTAL SERVICES
13524 ELLENBOROUGH INDUSTRIAL BLVD
ATLANTA, GA 30318
UNITED STATES US

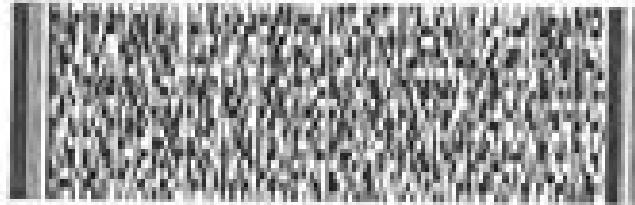
SHIP DATE: 2/28/2018
ACTIVITY: 10:00 US
CALL: 1-770-186-9997 (TOLL FREE)
CANCELED: 15-12-18 18:31
BILL SHENDER

TO **SAMPLE RECEIVING
ALPHA ANALYTICAL
8 WALKUP DRIVE**

6521207150046

WESTBOROUGH MA 01581

(001) 899-9020 REF: STRAIGHT SHOOTER
TV DEPT

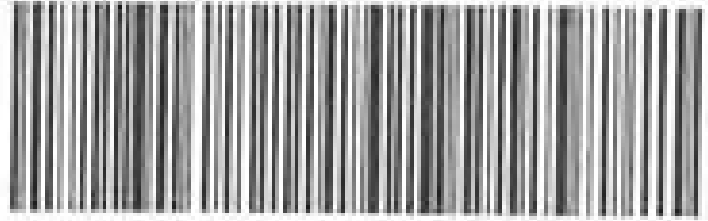


**WED - 28 FEB 10:30A
PRIORITY OVERNIGHT**

TRACKING NUMBER: **7716 1407 9708**

01 BBFA

01581
MA-US BOS



After printing this label:

1. Use the "Print" button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipment. Using a photocopy of this label for shipping purposes is the shippers' and could result in additional billing charges, along with the cancellation of your FedEx account number. Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery or misrouting, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, per current FedEx Service Guide.

Metals



ICP Analysis

Sequence Logs

Trace5
3/10/18

3	3/10/2018	4:53:44AM	Std 0	AB
4	3/10/2018	4:58:25AM	ICAL	AB
5	3/10/2018	5:02:50AM	Std Al Fe K Na Si	AB
6	3/10/2018	5:07:29AM	Std Ca Mg Si	AB
7	3/10/2018	5:12:08AM	ICV	AB
8	3/10/2018	5:16:37AM	ICB	AB
9	3/10/2018	5:33:10AM	ICV	AB
10	3/10/2018	5:37:41AM	ICB	AB
11	3/10/2018	5:42:22AM	0.005	AB
12	3/10/2018	5:47:02AM	0.01	AB
13	3/10/2018	5:51:40AM	0.05	AB
14	3/10/2018	5:56:14AM	IPC	AB
15	3/10/2018	6:00:52AM	ICSA	AB
16	3/10/2018	6:05:39AM	ICSAB	AB
17	3/10/2018	6:10:06AM	CRI	AB
18	3/10/2018	6:14:42AM	CCV	AB
19	3/10/2018	6:19:11AM	CCB	AB
20	3/10/2018	6:45:19AM	WG1095678-1,T	AB
21	3/10/2018	6:50:01AM	WG1095678-2,T	AB
22	3/10/2018	6:54:25AM	WG1095678-3,T	AB
23	3/10/2018	6:58:50AM	L1807747-01,T	AB
24	3/10/2018	7:03:26AM	L1807747-02,T	AB
25	3/10/2018	7:07:55AM	L1807747-03,T	AB
26	3/10/2018	7:12:26AM	L1807747-04,T	AB
27	3/10/2018	7:17:06AM	L1807747-05,T	AB
28	3/10/2018	7:21:44AM	L1807747-06,T	AB
29	3/10/2018	7:26:21AM	L1807747-07,T	AB
30	3/10/2018	7:30:57AM	CCV	AB
31	3/10/2018	7:35:28AM	CCB	AB
32	3/10/2018	7:40:10AM	L1807747-08,T	AB
33	3/10/2018	7:44:44AM	L1807747-09,T	AB
34	3/10/2018	7:49:13AM	L1807747-10,T	AB
35	3/10/2018	7:53:50AM	L1807747-11,T	AB
36	3/10/2018	7:58:23AM	L1807747-12,T	AB
37	3/10/2018	8:02:53AM	L1807747-13,T	AB
38	3/10/2018	8:07:22AM	L1807747-14,T	AB
39	3/10/2018	8:11:51AM	L1807747-15,T	AB
40	3/10/2018	8:16:20AM	WG1094974-3,C	AB
41	3/10/2018	8:20:53AM	WG1094974-5,C	AB
42	3/10/2018	8:25:22AM	CCV	AB
43	3/10/2018	8:29:51AM	CCB	AB
44	3/10/2018	8:34:34AM	L1807747-16,T	AB
45	3/10/2018	8:39:13AM	L1807747-17,T	AB
46	3/10/2018	8:44:05AM	L1807747-18,T	AB
47	3/10/2018	8:48:42AM	L1807747-19,T	AB
48	3/10/2018	8:53:10AM	XXL1807867-01,T	AB
49	3/10/2018	8:57:48AM	XXL1807867-02,T	AB
50	3/10/2018	9:02:24AM	XXL1807655-01,T	AB
51	3/10/2018	9:07:05AM	WG1094000-1,C	AB
52	3/10/2018	9:11:45AM	WG1094000-2,C	AB
53	3/10/2018	9:16:18AM	L1806872-01,C	AB
54	3/10/2018	9:21:04AM	CCV	AB
55	3/10/2018	9:25:33AM	CCB	AB
56	3/10/2018	9:43:39AM	Std 0	AB
57	3/10/2018	9:52:34AM	ICAL	AB
58	3/10/2018	9:56:59AM	Std Al Fe K Na Si	AB
59	3/10/2018	10:01:38AM	Std Ca Mg Si	AB
60	3/10/2018	10:06:17AM	ICV	AB
61	3/10/2018	10:10:47AM	ICB	AB
62	3/10/2018	10:27:36AM	ICV	AB
63	3/10/2018	10:32:06AM	ICB	AB
64	3/10/2018	10:36:48AM	WG1095834-1,T	AB
65	3/10/2018	10:41:29AM	WG1095834-2,T	AB
66	3/10/2018	10:45:56AM	L1807867-01,T	AB
67	3/10/2018	10:50:32AM	WG1095834-3,T	AB
68	3/10/2018	10:54:59AM	WG1095834-4,T	AB
69	3/10/2018	10:59:35AM	WG1095834-5,T	AB
70	3/10/2018	11:04:03AM	L1807869-01,T	AB
71	3/10/2018	11:08:42AM	WG1095834-7,T	AB
72	3/10/2018	11:13:10AM	WG1095834-6,T,5	AB
73	3/10/2018	11:17:49AM	WG1095834-10,T,5	AB
74	3/10/2018	11:22:27AM	CCV	AB
75	3/10/2018	11:26:57AM	CCB	AB
76	3/10/2018	11:31:40AM	WG1095834-8,T	AB
77	3/10/2018	11:36:17AM	WG1095834-9,T	AB
78	3/10/2018	11:40:44AM	L1807075-01,T	AB
79	3/10/2018	11:45:29AM	L1807580-05,T	AB
80	3/10/2018	11:50:06AM	L1807636-02,T	AB
81	3/10/2018	11:54:46AM	L1807636-04,T	AB

REVIEWED

By drm at 9:31 am, Mar 14, 2018

82	3/10/2018	11:59:29AM	L1807655-01,T	AB
83	3/10/2018	12:04:16PM	L1807762-01,T	AB
84	3/10/2018	12:08:55PM	L1807762-02,T	AB
85	3/10/2018	12:13:35PM	L1807806-05,T	AB
86	3/10/2018	12:18:14PM	CCV	AB
87	3/10/2018	12:22:43PM	CCB	AB
88	3/10/2018	12:27:25PM	L1807825-01,T	AB
89	3/10/2018	12:32:04PM	L1807825-02,T	AB
90	3/10/2018	12:36:42PM	L1807842-01,T	AB
91	3/10/2018	12:41:20PM	L1807867-02,T	AB
92	3/10/2018	12:45:55PM	L1807869-02,T	AB
93	3/10/2018	12:50:33PM	L1807869-03,T	AB
94	3/10/2018	12:55:11PM	L1807869-04,T	AB
95	3/10/2018	12:59:50PM	L1807869-05,T	AB
96	3/10/2018	1:04:29PM	L1807881-01,T	AB
97	3/10/2018	1:09:16PM	L1807902-03,T	AB
98	3/10/2018	1:13:54PM	CCV	AB
99	3/10/2018	1:18:24PM	CCB	AB
100	3/10/2018	1:23:05PM	L1806872-02,C	AB
101	3/10/2018	1:27:51PM	L1806872-03,C	AB
102	3/10/2018	1:32:37PM	L1806872-04,C	AB
103	3/10/2018	1:37:23PM	L1806872-05,C	AB
104	3/10/2018	1:42:11PM	L1806872-06,C	AB
105	3/10/2018	1:46:58PM	L1806872-07,C	AB
106	3/10/2018	1:51:46PM	L1806872-08,C	AB
107	3/10/2018	1:56:23PM	L1806872-09,C	AB
108	3/10/2018	2:01:08PM	L1806872-10,C	AB
109	3/10/2018	2:05:52PM	L1806872-11,C	AB
110	3/10/2018	2:10:38PM	CCV	AB
111	3/10/2018	2:15:08PM	CCB	AB
112	3/10/2018	2:19:50PM	L1806872-12,C	AB
113	3/10/2018	2:24:35PM	0.005	AB
114	3/10/2018	2:29:15PM	0.01	AB
115	3/10/2018	2:33:54PM	0.05	AB
116	3/10/2018	2:38:29PM	ICSA	AB
117	3/10/2018	2:43:16PM	ICSAB	AB
118	3/10/2018	2:47:42PM	CRI	AB
119	3/10/2018	2:52:18PM	CCV	AB
120	3/10/2018	2:56:47PM	CCB	AB

Sample Raw Data

Sample Name: Std 0 Acquired: 3/10/2018 4:53:44 Type: Cal
 Method: Trace_5_E200.7_SW6010(v105) Mode: IR Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

REVIEWED
 By drm at 9:32 am, Mar 14, 2018

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0001	.0004	-.0003	.0009	-.0021	.0041	.0009	-.0002	.0013	.0005
Stddev	.0002	.0015	.0001	.0003	.0011	.0003	.0002	.0000	.0004	.0001
%RSD	309.7	353.6	51.38	35.08	50.18	8.142	24.70	22.12	32.73	27.53

#1	.0001	.0017	-.0003	.0007	-.0033	.0044	.0010	-.0002	.0018	.0006
#2	-.0002	.0007	-.0001	.0013	-.0018	.0038	.0007	-.0001	.0012	.0003
#3	.0003	-.0012	-.0004	.0008	-.0013	.0040	.0011	-.0002	.0010	.0006

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0002	.0040	-.0000	-.0038	.0011	-.0001	.0001	-.0122	.0003	-.0021
Stddev	.0001	.0001	.0002	.0016	.0006	.0004	.0001	.0023	.0001	.0004
%RSD	26.39	2.226	475.1	40.61	53.77	432.8	177.0	18.65	21.86	18.17

#1	-.0002	.0039	.0002	-.0021	.0010	.0002	.0002	-.0113	.0003	-.0019
#2	-.0002	.0041	-.0001	-.0043	.0006	-.0005	.0001	-.0106	.0003	-.0019
#3	-.0003	.0039	-.0002	-.0051	.0018	-.0000	-.0001	-.0148	.0004	-.0026

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0007	-.0001	.0025	.0000	-.0094	-.0006	-.0003	-.0001	.0005
Stddev	.0002	.0002	.0001	.0001	.0013	.0001	.0001	.0001	.0001
%RSD	31.10	205.7	3.210	1205.	13.43	9.967	34.16	211.7	25.79

#1	-.0009	.0001	.0026	.0000	-.0080	-.0007	-.0002	.0001	.0007
#2	-.0004	-.0001	.0026	.0001	-.0104	-.0006	-.0003	-.0001	.0005
#3	-.0007	-.0003	.0024	-.0001	-.0098	-.0006	-.0005	-.0001	.0004

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3894.2	64339.	5732.5
Stddev	11.1	251.	25.8
%RSD	.28464	.39084	.44989

#1	3906.9	64100.	5758.2
#2	3888.2	64317.	5706.6
#3	3887.3	64601.	5732.7

Sample Name: ICAL Acquired: 3/10/2018 4:58:25 Type: Cal
 Method: Trace_5_E200.7_SW6010(v105) Mode: IR Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.3046	.1333	.0729	.4306	7.537	3.559	.1945	.0682	3.741	1.229
Stddev	.0005	.0007	.0004	.0010	.011	.006	.0003	.0002	.007	.002
%RSD	.1784	.5152	.5979	.2312	.1452	.1757	.1663	.2878	.1916	.1812

#1	.3052	.1330	.0724	.4299	7.549	3.564	.1944	.0684	3.735	1.227
#2	.3045	.1341	.0731	.4302	7.529	3.552	.1949	.0681	3.740	1.229
#3	.3042	.1328	.0732	.4317	7.531	3.560	.1943	.0680	3.749	1.231

Elem	Cr2677	Cu3247	Fe2599	Mg2790	Mn2576R	Mo2020	Ni2316	Pb2203	Sb2068	Se1960
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1901	.4730	.0877	.2587	.5400	.5931	.8203	.2900	.0938	.0689
Stddev	.0005	.0012	.0004	.0025	.0011	.0026	.0007	.0014	.0008	.0004
%RSD	.2397	.2636	.4087	.9825	.2036	.4392	.0848	.4709	.8794	.5486

#1	.1901	.4744	.0876	.2607	.5411	.5905	.8196	.2893	.0929	.0686
#2	.1905	.4723	.0881	.2596	.5389	.5933	.8209	.2892	.0940	.0688
#3	.1896	.4723	.0874	.2559	.5401	.5957	.8205	.2916	.0946	.0694

Elem	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1379	.1484	6.340	.4336	.0930	.3382	1.401
Stddev	.0005	.0004	.007	.0010	.0004	.0008	.001
%RSD	.3837	.2535	.1122	.2405	.4681	.2351	.0759

#1	.1383	.1483	6.348	.4347	.0925	.3391	1.400
#2	.1381	.1481	6.334	.4334	.0930	.3379	1.402
#3	.1373	.1489	6.337	.4326	.0934	.3376	1.402

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3966.4	65385.	5838.8
Stddev	8.5	222.	51.1
%RSD	.21420	.33950	.87484

#1	3976.1	65398.	5790.9
#2	3962.8	65157.	5832.9
#3	3960.3	65600.	5892.6

Sample Name: Std Al Fe K Na Si Acquired: 3/10/2018 5:02:50 Type: Cal
 Method: Trace_5_E200.7_SW6010(v105) Mode: IR Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Al3961	Fe2599	K_7664	Na5895	Si2124
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.920	2.056	1.297	3.337	1.839
Stddev	.018	.010	.008	.024	.007
%RSD	.6277	.4861	.6364	.7259	.3786

#1	2.912	2.052	1.299	3.337	1.833
#2	2.941	2.068	1.304	3.361	1.839
#3	2.907	2.049	1.288	3.312	1.847

Int. Std.	Y_2243	Y_3710
Units	Cts/S	Cts/S
Avg	4078.9	6058.5
Stddev	8.7	40.8
%RSD	.21260	.67312

#1	4086.1	6065.7
#2	4081.5	6014.6
#3	4069.3	6095.2

Sample Name: Std Ca Mg Si Acquired: 3/10/2018 5:07:29 Type: Cal
 Method: Trace_5_E200.7_SW6010(v105) Mode: IR Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ca3158	Mg2790	Si2124
Units	Cts/S	Cts/S	Cts/S
Avg	.6426	2.520	.9300
Stddev	.0027	.008	.0018
%RSD	.4175	.3192	.1917

#1	.6398	2.512	.9282
#2	.6452	2.528	.9302
#3	.6427	2.519	.9317

Int. Std.	Y_2243	Y_3710
Units	Cts/S	Cts/S
Avg	4123.6	6071.8
Stddev	6.5	25.2
%RSD	.15691	.41520

#1	4120.8	6072.7
#2	4119.0	6046.1
#3	4131.0	6096.5

Sample Name: ICV Acquired: 3/10/2018 5:12:08 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5022	F .5710	.5176	.5039	.5152	.5007	.4867	.5196	.5037	.5054
Stddev	.0023	.0048	.0027	.0014	.0020	.0013	.0029	.0064	.0016	.0016
%RSD	.4488	.8356	.5166	.2833	.3887	.2524	.5899	1.232	.3166	.3183
#1	.5028	.5726	.5175	.5023	.5130	.4994	.4861	.5222	.5033	.5051
#2	.4996	.5747	.5150	.5041	.5168	.5019	.4841	.5244	.5022	.5040
#3	.5040	.5656	.5204	.5051	.5159	.5008	.4898	.5124	.5054	.5072

Check ? **Chk Pass** **Chk Fail** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **None** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit **.5524**
.4476

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5079	.5023	W .5407	W 5.353	.5158	.5104	.5019	W 10.56	.5014	.5160
Stddev	.0002	.0006	.0038	.013	.0024	.0003	.0016	.03	.0018	.0028
%RSD	.0388	.1235	.7120	.2491	.4608	.0536	.3161	.2695	.3514	.5423
#1	.5081	.5016	.5376	5.338	.5133	.5101	.5014	10.53	.5003	.5159
#2	.5079	.5028	.5450	5.359	.5181	.5106	.5007	10.59	.5004	.5133
#3	.5077	.5024	.5395	5.363	.5159	.5104	.5037	10.56	.5034	.5189

Check ? **Chk Pass** **Chk Pass** **Chk Warn** **Chk Warn** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Warn** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit **.5274**
4.726 **5.274**
9.452

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5122	.4955	5.326	.5065	.4918	.5013	.4963	.5200	.4945
Stddev	.0010	.0027	.022	.0003	.0007	.0002	.0037	.0010	.0008
%RSD	.1895	.5400	.4090	.0662	.1507	.0323	.7393	.1862	.1577
#1	.5131	.4986	5.310	.5065	.4909	.5011	.4936	.5201	.4943
#2	.5122	.4941	5.318	.5062	.4921	.5014	.4948	.5190	.4939
#3	.5112	.4939	5.351	.5069	.4923	.5014	.5005	.5210	.4954

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3910.2	64685.	5810.6
Stddev	7.2	228.	8.8
%RSD	.18505	.35191	.15148
#1	3909.1	64451.	5819.2
#2	3917.9	64698.	5801.6
#3	3903.5	64905.	5810.9

Sample Name: ICB Acquired: 3/10/2018 5:16:37 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0015	.0017	.0009	.0001	-.0001	.0013	-.0055	.0002	.0002
Stddev	.0003	.0044	.0018	.0006	.0001	.0001	.0004	.0031	.0001	.0001
%RSD	108.4	296.7	108.1	70.74	64.39	115.9	32.61	56.13	27.50	44.58
#1	-.0000	.0042	.0028	.0015	.0001	-.0001	.0017	-.0089	.0002	.0002
#2	.0005	.0038	.0027	.0009	.0002	.0000	.0012	-.0046	.0002	.0004
#3	.0003	-.0036	-.0004	.0003	.0001	-.0002	.0009	-.0030	.0001	.0002

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	-.0007	.0058	.0239	-.0001	.0001	.0009	.0105	.0000	-.0005
Stddev	.0003	.0002	.0033	.0273	.0007	.0004	.0002	.0051	.0003	.0010
%RSD	60.69	23.28	55.69	113.9	625.5	283.9	19.38	49.02	656.1	199.1
#1	.0003	-.0006	.0045	.0543	.0004	.0006	.0010	.0163	.0004	.0004
#2	.0009	-.0009	.0096	.0017	.0002	-.0001	.0009	.0070	-.0000	-.0004
#3	.0005	-.0006	.0035	.0158	-.0010	-.0000	.0007	.0080	-.0002	-.0016

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	.0041	.0028	.0015	.0001	.0003	-.0012	.0002	.0002
Stddev	.0015	.0036	.0007	.0009	.0003	.0001	.0003	.0002	.0000
%RSD	199.0	88.12	24.07	59.20	253.6	44.53	25.03	128.4	18.57
#1	.0017	.0035	.0036	.0025	-.0002	.0004	-.0013	.0000	.0002
#2	-.0010	.0008	.0025	.0015	.0003	.0003	-.0008	.0004	.0002
#3	.0015	.0079	.0024	.0006	.0002	.0001	-.0013	.0000	.0002

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3961.5	65492.	5887.8
Stddev	12.2	546.	63.0
%RSD	.30870	.83349	1.0693
#1	3970.1	65907.	5817.8
#2	3967.1	64873.	5939.7
#3	3947.5	65695.	5905.9

Sample Name: ICV Acquired: 3/10/2018 5:33:10 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	W .5278	F .5833	.5191	.4969	W .5277	.5150	.4762	.5133	.5071	.4972
Stddev	.0015	.0082	.0026	.0015	.0009	.0014	.0024	.0116	.0020	.0021
%RSD	.2883	1.413	.4987	.2939	.1659	.2653	.4959	2.265	.3899	.4137

#1	.5270	.5754	.5183	.4956	.5270	.5141	.4739	.5116	.5054	.4954
#2	.5269	.5826	.5169	.4966	.5287	.5166	.4761	.5026	.5067	.4967
#3	.5296	.5919	.5219	.4985	.5274	.5144	.4786	.5257	.5093	.4995

Check ?	Chk Warn	Chk Fail	Chk Pass	Chk Pass	Chk Warn	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit	.5274	.5524			.5274					
Low Limit	.4726	.4476			.4726					

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5050	.4911	W .5476	F 5.761	W .5451	W .5381	.5013	F 11.58	.5008	.5145
Stddev	.0009	.0015	.0023	.009	.0037	.0008	.0015	.06	.0026	.0012
%RSD	.1723	.2959	.4140	.1619	.6754	.1497	.3051	.4755	.5186	.2364

#1	.5041	.4928	.5498	5.754	.5428	.5380	.4996	11.53	.4980	.5150
#2	.5058	.4901	.5479	5.759	.5431	.5389	.5016	11.64	.5012	.5131
#3	.5049	.4905	.5452	5.772	.5493	.5373	.5027	11.56	.5031	.5153

Check ?	Chk Pass	Chk Pass	Chk Warn	Chk Fail	Chk Warn	Chk Warn	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			.5274	5.524	.5274	.5274		11.05		
Low Limit			.4726	4.476	.4726	.4726		8.952		

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5124	.4846	5.283	.5084	.4900	.5022	.4929	W .5328	.4895
Stddev	.0042	.0031	.022	.0042	.0008	.0005	.0018	.0012	.0016
%RSD	.8215	.6385	.4115	.8222	.1630	.1065	.3632	.2307	.3327

#1	.5105	.4821	5.271	.5052	.4891	.5028	.4909	.5320	.4878
#2	.5095	.4837	5.270	.5068	.4906	.5021	.4942	.5321	.4897
#3	.5172	.4881	5.308	.5131	.4902	.5017	.4938	.5342	.4910

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit								.5274	
Low Limit								.4726	

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3986.9	64174.	5653.8
Stddev	10.4	137.	57.1
%RSD	.26016	.21349	1.0095

#1	3997.5	64313.	5719.7
#2	3986.6	64170.	5623.6
#3	3976.7	64039.	5618.3

Sample Name: ICB Acquired: 3/10/2018 5:37:41 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	-.0003	.0009	.0005	.0004	.0003	-.0007	.0060	.0005	.0005
Stddev	.0005	.0024	.0024	.0006	.0001	.0001	.0010	.0036	.0001	.0001
%RSD	108.2	875.7	253.7	101.6	22.24	35.64	136.7	59.69	12.71	19.64
#1	-.0001	-.0029	.0029	-.0001	.0005	.0003	-.0019	.0084	.0006	.0006
#2	.0010	.0019	-.0017	.0007	.0005	.0004	.0000	.0077	.0005	.0004
#3	.0006	.0001	.0017	.0010	.0003	.0002	-.0004	.0019	.0004	.0005

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0001	.0048	.0677	.0007	.0002	.0009	.0162	.0005	-.0012
Stddev	.0002	.0001	.0015	.0704	.0020	.0005	.0002	.0085	.0003	.0008
%RSD	30.30	69.85	30.97	104.0	310.8	321.8	25.50	52.40	70.42	68.59
#1	.0004	.0003	.0031	.0636	.0030	.0004	.0012	.0230	.0001	-.0015
#2	.0005	.0001	.0059	-.0006	-.0003	-.0004	.0008	.0067	.0007	-.0003
#3	.0007	.0001	.0054	.1400	-.0007	.0005	.0008	.0190	.0006	-.0018

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	-.0003	.0059	.0013	.0005	.0007	-.0006	.0005	.0003
Stddev	.0024	.0011	.0013	.0002	.0002	.0001	.0006	.0002	.0002
%RSD	1507.	425.8	21.46	15.26	32.84	21.17	98.57	34.51	61.15
#1	.0010	-.0014	.0073	.0015	.0005	.0007	.0000	.0008	.0004
#2	.0015	.0006	.0049	.0013	.0007	.0008	-.0006	.0004	.0001
#3	-.0030	.0000	.0055	.0011	.0004	.0005	-.0011	.0004	.0003

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4001.3	64323.	5602.8
Stddev	14.8	108.	24.2
%RSD	.37069	.16852	.43276
#1	4009.7	64325.	5629.4
#2	4009.9	64213.	5597.1
#3	3984.1	64430.	5581.9

Sample Name: 0.005 Acquired: 3/10/2018 5:42:22 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049	-.0008	W .0039	.0046	.0052	.0050	.0036	-.0009	.0051	.0053
Stddev	.0005	.0094	.0022	.0003	.0002	.0001	.0005	.0038	.0000	.0001
%RSD	9.318	1182.	56.25	7.073	3.880	1.064	12.61	443.6	.6924	2.003

#1	.0047	-.0116	.0064	.0046	.0052	.0050	.0038	-.0051	.0051	.0052
#2	.0045	.0042	.0029	.0042	.0054	.0051	.0031	.0025	.0051	.0054
#3	.0054	.0050	.0024	.0049	.0050	.0050	.0039	-.0000	.0052	.0053

Check ?	Chk Pass	None	Chk Warn	None	None	Chk Pass	None	None	Chk Pass	None
High Limit			.0060							
Low Limit			.0040							

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046	.0048	.0050	.1788	.0037	.0047	.0052	.0103	.0054	.0046
Stddev	.0005	.0004	.0010	.0268	.0015	.0001	.0001	.0215	.0002	.0009
%RSD	10.92	7.685	19.76	15.01	41.21	2.763	2.679	207.4	3.278	20.01

#1	.0046	.0051	.0041	.1484	.0026	.0048	.0051	.0350	.0053	.0037
#2	.0042	.0044	.0060	.1992	.0054	.0046	.0050	-.0040	.0053	.0047
#3	.0052	.0048	.0050	.1888	.0031	.0046	.0053	.0001	.0056	.0055

Check ?	None	None	None	None	None	None	None	None	None	None
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033	.0029	.0015	.0044	.0049	.0047	.0057	.0052	.0051
Stddev	.0011	.0031	.0009	.0011	.0002	.0000	.0006	.0004	.0001
%RSD	32.76	107.5	59.55	26.12	3.247	1.048	9.689	7.353	2.405

#1	.0045	.0018	.0006	.0044	.0048	.0047	.0059	.0048	.0050
#2	.0028	.0005	.0024	.0032	.0049	.0047	.0061	.0056	.0052
#3	.0026	.0063	.0016	.0055	.0051	.0048	.0051	.0052	.0050

Check ?	None	None	None	None	None	None	None	None	None
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4045.9	64538.	5651.7
Stddev	4.9	194.	39.1
%RSD	.12123	.30010	.69136

#1	4051.5	64330.	5606.7
#2	4043.0	64568.	5676.3
#3	4043.1	64714.	5672.2

Sample Name: 0.01 Acquired: 3/10/2018 5:47:02 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110	.0157	.0095	.0099	.0107	.0104	.0102	.0115	.0104	.0103
Stddev	.0007	.0075	.0023	.0002	.0002	.0002	.0010	.0074	.0000	.0002
%RSD	6.823	47.50	24.28	2.467	1.601	2.153	9.838	64.82	.3661	1.651

#1	.0102	.0073	.0090	.0098	.0108	.0103	.0113	.0047	.0104	.0104
#2	.0117	.0216	.0075	.0102	.0108	.0107	.0098	.0102	.0104	.0104
#3	.0111	.0182	.0121	.0098	.0105	.0103	.0094	.0195	.0104	.0101

Check ?	None	None	None	Chk Pass	Chk Pass	None	Chk Pass	None	None	Chk Pass
Value										
Range										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103	.0104	.0182	.2163	.0084	.0108	.0099	.0038	.0106	.0094
Stddev	.0004	.0002	.0044	.0045	.0013	.0008	.0003	.0094	.0006	.0006
%RSD	3.458	1.800	24.30	2.069	15.09	7.020	2.776	249.6	5.822	5.972

#1	.0103	.0106	.0183	.2166	.0086	.0100	.0101	.0044	.0110	.0088
#2	.0107	.0102	.0137	.2117	.0070	.0115	.0096	.0128	.0099	.0095
#3	.0099	.0104	.0225	.2206	.0096	.0110	.0100	-.0059	.0108	.0099

Check ?	Chk Pass	Chk Pass	None	None	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value										
Range										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103	.0103	.0045	.0097	.0101	.0101	.0110	.0105	.0108
Stddev	.0017	.0023	.0009	.0005	.0001	.0002	.0016	.0002	.0002
%RSD	16.79	21.83	19.19	4.850	.9104	1.871	14.56	1.710	1.861

#1	.0108	.0115	.0043	.0096	.0102	.0101	.0095	.0107	.0109
#2	.0083	.0118	.0055	.0093	.0101	.0102	.0107	.0105	.0106
#3	.0117	.0077	.0038	.0102	.0100	.0099	.0127	.0104	.0109

Check ?	None	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3990.0	64095.	5603.1
Stddev	1.6	223.	16.0
%RSD	.04017	.34765	.28497

#1	3989.8	63851.	5597.6
#2	3988.5	64148.	5590.7
#3	3991.7	64287.	5621.1

Sample Name: IPC Acquired: 3/10/2018 5:56:14 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028	.0146	-.0072	-.0004	.0004	.0007	.0032	-.0106	-.0001	.0024
Stddev	.0004	.0076	.0003	.0003	.0002	.0001	.0003	.0047	.0000	.0003
%RSD	12.67	52.28	4.154	80.68	48.34	19.11	10.52	44.43	12.01	11.55
#1	.0026	.0201	-.0075	-.0004	.0006	.0005	.0028	-.0144	-.0001	.0022
#2	.0027	.0059	-.0070	-.0000	.0002	.0008	.0033	-.0121	-.0002	.0027
#3	.0032	.0179	-.0071	-.0006	.0006	.0007	.0035	-.0053	-.0001	.0024

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **None** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.648	-.0001	.0067	.0746	-.0382	10.26	-.0008	-.0002	-.0013	-.0017
Stddev	.009	.0002	.0022	.0330	.0007	.01	.0002	.0131	.0001	.0009
%RSD	.0965	194.4	32.79	44.21	1.895	.0738	26.42	5357.	11.02	54.31
#1	9.644	-.0001	.0072	.0990	-.0389	10.25	-.0006	-.0032	-.0013	-.0027
#2	9.642	.0001	.0043	.0371	-.0382	10.27	-.0010	.0140	-.0012	-.0008
#3	9.659	-.0003	.0085	.0878	-.0375	10.25	-.0008	-.0116	-.0015	-.0016

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0516	.0057	.0027	-.0010	.0002	.0020	-.0128	10.24	-.0029
Stddev	.0013	.0012	.0005	.0002	.0001	.0001	.0008	.01	.0001
%RSD	2.471	21.73	18.19	17.01	23.04	3.858	6.195	.0853	4.500
#1	-.0530	.0061	.0021	-.0011	.0002	.0019	-.0136	10.23	-.0028
#2	-.0514	.0043	.0029	-.0008	.0003	.0020	-.0129	10.24	-.0029
#3	-.0505	.0066	.0031	-.0011	.0003	.0020	-.0120	10.24	-.0030

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4008.5	65501.	5794.6
Stddev	10.2	164.	25.2
%RSD	.25352	.25113	.43478
#1	4003.8	65476.	5779.4
#2	4020.1	65677.	5823.7
#3	4001.5	65351.	5780.8

Sample Name: ICSA Acquired: 3/10/2018 6:00:52 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	F 311.1	-0.0021	.0062	.0005	-0.0001	.0102	276.5	.0026	-0.0001
Stddev	.0001	.5	.0025	.0003	.0001	.0001	.0027	.2	.0001	.0001
%RSD	30.95	.1465	119.7	4.850	25.75	66.05	26.29	.0683	4.351	101.0
#1	.0005	311.4	.0007	.0065	.0005	-0.0001	.0106	276.3	.0028	-0.0002
#2	.0003	311.4	-0.0042	.0059	.0003	-0.0002	.0126	276.4	.0025	.0000
#3	.0006	310.6	-0.0028	.0062	.0005	-0.0001	.0073	276.7	.0026	-0.0001

Check ? **Chk Pass** **Chk Fail** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **None** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit **301.2**
198.8

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023	-0.0073	112.6	.1784	271.7	.0034	-0.0010	.0822	-0.0066	-0.0126
Stddev	.0002	.0002	.0	.0386	.2	.0001	.0004	.0104	.0006	.0012
%RSD	7.137	2.063	.0276	21.65	.0572	3.585	38.35	12.69	8.830	9.410
#1	.0024	-0.0075	112.5	.2022	271.7	.0033	-0.0015	.0929	-0.0059	-0.0112
#2	.0021	-0.0073	112.6	.1992	271.5	.0034	-0.0009	.0721	-0.0069	-0.0133
#3	.0024	-0.0072	112.6	.1338	271.8	.0035	-0.0007	.0815	-0.0070	-0.0133

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.0129	-0.0022	-0.0005	-0.0023	.0093	.0052	.0027	-0.0100	.0041
Stddev	.0023	.0070	.0008	.0010	.0001	.0004	.0009	.0001	.0001
%RSD	18.05	316.5	145.2	44.92	1.110	8.056	33.35	1.456	2.331
#1	-0.0150	.0017	.0000	-0.0012	.0094	.0056	.0024	-0.0102	.0042
#2	-0.0133	.0019	-0.0014	-0.0023	.0092	.0048	.0020	-0.0099	.0041
#3	-0.0104	-0.0102	-0.0002	-0.0033	.0092	.0051	.0037	-0.0099	.0040

Check ? **Chk Pass** **Chk Pass** **None** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3641.6	58922.	5558.8
Stddev	6.6	412.	3.2
%RSD	.18007	.69947	.05749
#1	3645.8	58462.	5555.5
#2	3645.0	59257.	5559.0
#3	3634.1	59049.	5561.9

Sample Name: ICSAB Acquired: 3/10/2018 6:05:39 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3251	10.53	1.094	.5373	.3212	.1082	1.045	49.82	.3219	.3187
Stddev	.0007	.02	.003	.0029	.0002	.0003	.005	.05	.0012	.0013
%RSD	.2263	.2199	.2597	.5431	.0678	.2708	.5017	.0912	.3870	.4223
#1	.3250	10.51	1.095	.5357	.3211	.1079	1.041	49.78	.3207	.3172
#2	.3243	10.55	1.091	.5355	.3215	.1084	1.043	49.83	.3220	.3189
#3	.3258	10.54	1.096	.5407	.3211	.1082	1.051	49.87	.3232	.3199

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **None** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3242	.3252	42.69	23.25	24.40	.2153	.3347	8.577	.3143	1.044
Stddev	.0004	.0005	.08	.07	.02	.0006	.0017	.030	.0007	.002
%RSD	.1304	.1405	.1831	.2946	.0875	.2971	.4946	.3557	.2311	.1734
#1	.3242	.3253	42.73	23.27	24.41	.2159	.3332	8.549	.3135	1.043
#2	.3246	.3247	42.74	23.30	24.38	.2153	.3345	8.609	.3145	1.043
#3	.3238	.3256	42.60	23.17	24.41	.2147	.3365	8.573	.3149	1.046

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.078	.5512	1.344	1.074	1.055	1.091	1.055	.3260	.3253
Stddev	.018	.0031	.005	.006	.001	.002	.006	.0008	.0010
%RSD	1.699	.5678	.3992	.5560	.0595	.1501	.5968	.2379	.3161
#1	1.060	.5502	1.342	1.069	1.056	1.091	1.051	.3255	.3244
#2	1.077	.5488	1.340	1.072	1.054	1.090	1.051	.3256	.3250
#3	1.096	.5547	1.350	1.081	1.055	1.093	1.062	.3269	.3264

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3931.4	64426.	5876.7
Stddev	16.6	259.	11.5
%RSD	.42330	.40127	.19543
#1	3948.1	64723.	5888.0
#2	3931.1	64306.	5877.1
#3	3914.9	64249.	5865.0

Sample Name: CRI Acquired: 3/10/2018 6:10:06 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225	F 4.991	.0240	.1118	.0445	.0115	.0221	F .5427	.0112	.1080
Stddev	.0004	.006	.0018	.0000	.0002	.0003	.0007	.0096	.0001	.0003
%RSD	1.672	.1276	7.528	.0354	.4597	2.339	3.383	1.772	.6238	.2508

#1	.0228	4.993	.0220	.1118	.0444	.0114	.0215	.5413	.0113	.1079
#2	.0227	4.983	.0249	.1118	.0444	.0113	.0219	.5339	.0112	.1079
#3	.0221	4.995	.0253	.1118	.0447	.0118	.0229	.5530	.0111	.1084

Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Fail	Chk Pass	Chk Pass
High Limit		.5219						.5219		
Low Limit		.2781						.2781		

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0230	.0572	F .3000	W 6.077	W .5151	.0326	.1094	5.884	.0858	.0481
Stddev	.0002	.0003	.0031	.061	.0061	.0010	.0002	.030	.0002	.0011
%RSD	.8409	.5283	1.038	1.007	1.193	3.006	.1617	.5048	.1755	2.185

#1	.0231	.0569	.3035	6.039	.5104	.0315	.1092	5.861	.0857	.0486
#2	.0228	.0571	.2987	6.148	.5129	.0334	.1094	5.873	.0859	.0469
#3	.0231	.0575	.2976	6.045	.5220	.0330	.1095	5.917	.0856	.0489

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Warn	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit			.2610	6.024	.4819					
Low Limit			.1390	3.976	.3181					

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1201	.0222	1.118	F .0263	.0224	.0236	.0222	.1110	F .0529
Stddev	.0006	.0027	.004	.0003	.0001	.0001	.0011	.0006	.0001
%RSD	.4668	12.13	.3182	1.322	.2662	.4415	4.868	.5578	.1368

#1	.1204	.0191	1.115	.0259	.0223	.0236	.0211	.1115	.0528
#2	.1195	.0231	1.116	.0265	.0225	.0235	.0222	.1113	.0529
#3	.1205	.0243	1.122	.0265	.0224	.0237	.0232	.1103	.0530

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				.0261					.0522
Low Limit				.0139					.0278

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3988.8	65576.	5869.1
Stddev	5.9	283.	45.5
%RSD	.14897	.43193	.77592

#1	3985.0	65736.	5902.0
#2	3995.6	65249.	5888.1
#3	3985.7	65744.	5817.1

Sample Name: CCV Acquired: 3/10/2018 6:14:42 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5019	F .5676	.5131	.4987	.5113	.5018	.4858	.5237	.5002	.5012
Stddev	.0009	.0068	.0008	.0007	.0010	.0007	.0018	.0027	.0008	.0004
%RSD	.1819	1.194	.1601	.1417	.1999	.1442	.3624	.5207	.1538	.0812
#1	.5009	.5601	.5131	.4986	.5103	.5013	.4842	.5235	.4998	.5008
#2	.5024	.5733	.5122	.4980	.5123	.5026	.4877	.5264	.4997	.5016
#3	.5026	.5694	.5139	.4994	.5111	.5014	.4856	.5210	.5011	.5012

Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit		.5524								
Low Limit		.4476								

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5038	.5015	.5518	5.314	.5139	.5150	.4990	10.48	.4993	.5094
Stddev	.0001	.0016	.0031	.032	.0036	.0016	.0015	.01	.0012	.0022
%RSD	.0156	.3122	.5580	.6080	.7007	.3128	.2918	.0853	.2394	.4393
#1	.5039	.5023	.5546	5.333	.5105	.5138	.4978	10.47	.4983	.5068
#2	.5037	.5024	.5524	5.277	.5177	.5169	.4985	10.49	.4990	.5108
#3	.5039	.4997	.5485	5.332	.5136	.5145	.5006	10.48	.5007	.5106

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5178	.4940	5.276	.5071	.4910	.4989	.4979	.5188	.4928
Stddev	.0022	.0010	.015	.0006	.0009	.0004	.0009	.0003	.0004
%RSD	.4237	.1938	.2800	.1091	.1836	.0758	.1755	.0651	.0875
#1	.5164	.4937	5.262	.5069	.4907	.4986	.4971	.5186	.4928
#2	.5203	.4932	5.275	.5078	.4920	.4993	.4988	.5186	.4924
#3	.5166	.4951	5.291	.5067	.4903	.4988	.4977	.5192	.4932

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3933.0	64963.	5899.9
Stddev	5.6	108.	31.6
%RSD	.14166	.16685	.53644
#1	3926.7	65057.	5935.0
#2	3937.2	64988.	5873.6
#3	3935.2	64845.	5891.2

Sample Name: CCB Acquired: 3/10/2018 6:19:11 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	.0239	-.0011	.0010	.0007	.0005	.0003	.0148	.0004	.0004
Stddev	.0009	.0039	.0009	.0003	.0001	.0000	.0012	.0042	.0001	.0001
%RSD	167.6	16.56	83.30	33.50	19.52	7.144	342.2	28.55	23.60	27.58
#1	-.0003	.0277	-.0013	.0011	.0009	.0005	.0002	.0108	.0005	.0005
#2	.0015	.0199	-.0019	.0012	.0006	.0006	-.0008	.0193	.0003	.0004
#3	.0005	.0240	-.0001	.0006	.0007	.0005	.0016	.0145	.0003	.0003

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	.0002	.0132	.0553	.0057	.0002	.0009	.0285	.0005	-.0008
Stddev	.0003	.0001	.0052	.0472	.0023	.0004	.0003	.0119	.0002	.0011
%RSD	37.94	61.83	39.39	85.39	40.08	227.8	35.81	41.61	41.44	137.8
#1	.0007	.0004	.0176	.0153	.0058	.0005	.0013	.0168	.0004	-.0020
#2	.0004	.0001	.0075	.0432	.0080	.0001	.0007	.0405	.0007	-.0001
#3	.0009	.0001	.0144	.1073	.0034	-.0002	.0008	.0282	.0003	-.0003

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031	.0023	.0049	.0016	.0005	.0005	.0001	.0007	.0002
Stddev	.0006	.0013	.0013	.0008	.0001	.0005	.0020	.0001	.0001
%RSD	20.39	55.20	26.32	50.00	28.58	83.81	4008.	12.39	72.75
#1	.0031	.0021	.0064	.0020	.0003	.0009	-.0013	.0006	.0003
#2	.0025	.0011	.0042	.0020	.0005	.0007	.0024	.0006	.0001
#3	.0038	.0037	.0042	.0007	.0005	.0000	-.0010	.0008	.0001

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3967.9	65361.	5817.3
Stddev	11.6	168.	16.8
%RSD	.29198	.25683	.28825
#1	3972.4	65419.	5800.4
#2	3976.6	65172.	5817.6
#3	3954.8	65492.	5834.0

Sample Name: WG1095678-1,T Acquired: 3/10/2018 6:45:19 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0042	.0007	-.0006	-.0002	-.0002	-.0014	-.0015	-.0001	.0004
Stddev	.0006	.0036	.0011	.0005	.0001	.0001	.0012	.0067	.0000	.0003
%RSD	1658.	83.89	144.5	78.82	74.02	32.59	87.43	439.9	41.76	79.59

#1	-.0001	.0027	.0003	-.0001	-.0000	-.0001	.0000	-.0032	-.0001	.0001
#2	.0006	.0017	-.0001	-.0009	-.0002	-.0002	-.0023	-.0072	-.0001	.0004
#3	-.0005	.0083	.0019	-.0008	-.0003	-.0003	-.0020	.0058	-.0001	.0007

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	-.0002	.0228	.1512	-.0005	.0005	-.0003	.0314	.0005	-.0015
Stddev	.0004	.0003	.0047	.0169	.0016	.0003	.0001	.0027	.0001	.0009
%RSD	441.4	165.0	20.44	11.15	337.8	62.09	42.88	8.435	29.34	60.54

#1	.0001	-.0001	.0245	.1656	-.0018	.0007	-.0003	.0327	.0003	-.0017
#2	-.0003	-.0005	.0264	.1552	.0013	.0007	-.0003	.0332	.0006	-.0005
#3	.0005	.0001	.0176	.1327	-.0009	.0001	-.0001	.0284	.0005	-.0023

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0023	.0004	-.0016	.0011	.0002	.0001	.0002	.0000	.0005
Stddev	.0012	.0018	.0004	.0004	.0002	.0002	.0014	.0000	.0001
%RSD	53.69	412.7	24.37	36.40	144.3	148.3	609.1	440.2	16.32

#1	-.0023	-.0004	-.0020	.0013	.0001	-.0001	.0016	.0000	.0004
#2	-.0011	-.0008	-.0012	.0015	.0004	.0002	.0003	.0000	.0004
#3	-.0035	.0025	-.0016	.0007	-.0000	.0003	-.0012	-.0000	.0006

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4165.6	66695.	5859.1
Stddev	5.3	176.	11.2
%RSD	.12667	.26324	.19103

#1	4167.3	66746.	5846.2
#2	4169.7	66840.	5865.7
#3	4159.6	66500.	5865.4

Sample Name: WG1095678-2,T Acquired: 3/10/2018 6:50:01 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6114	41.06	1.117	.4401	1.297	.3856	-.0143	29.73	.8220	.4243
Stddev	.0027	.05	.003	.0017	.003	.0005	.0008	.12	.0030	.0017
%RSD	.4410	.1154	.2383	.3907	.1895	.1369	5.788	.3889	.3684	.3908

#1	.6087	41.03	1.117	.4387	1.294	.3849	-.0134	29.81	.8197	.4226
#2	.6141	41.12	1.120	.4395	1.299	.3858	-.0147	29.79	.8210	.4245
#3	.6113	41.04	1.115	.4420	1.297	.3859	-.0149	29.60	.8255	.4259

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6199	.6812	93.64	12.50	13.77	2.451	.1976	4.578	.5426	1.245
Stddev	.0011	.0003	.11	.01	.07	.006	.0005	.017	.0009	.001
%RSD	.1751	.0410	.1204	.0805	.5420	.2368	.2416	.3807	.1579	.0951

#1	.6187	.6809	93.55	12.50	13.81	2.450	.1976	4.575	.5417	1.244
#2	.6201	.6815	93.77	12.49	13.81	2.457	.1971	4.563	.5433	1.245
#3	.6209	.6813	93.61	12.51	13.68	2.445	.1981	4.597	.5429	1.247

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8336	.7551	10.22	.8510	.3190	1.852	.8764	.6081	1.507
Stddev	.0065	.0036	.02	.0036	.0003	.001	.0037	.0015	.005
%RSD	.7836	.4752	.1687	.4214	.1090	.0773	.4240	.2522	.3196

#1	.8285	.7510	10.20	.8486	.3187	1.850	.8724	.6064	1.504
#2	.8315	.7564	10.23	.8493	.3191	1.852	.8769	.6087	1.504
#3	.8410	.7578	10.23	.8551	.3193	1.853	.8798	.6093	1.512

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4277.0	68443.	6147.1
Stddev	19.0	181.	32.5
%RSD	.44335	.26382	.52888

#1	4284.0	68542.	6118.5
#2	4291.5	68553.	6140.4
#3	4255.6	68235.	6182.5

Sample Name: WG1095678-3,T Acquired: 3/10/2018 6:54:25 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7216	43.76	1.314	.5085	1.564	.4505	-.0134	34.62	.9357	.4858
Stddev	.0026	.15	.002	.0005	.004	.0016	.0009	.08	.0010	.0007
%RSD	.3539	.3476	.1824	.0990	.2703	.3627	6.945	.2346	.1027	.1541

#1	.7244	43.94	1.316	.5081	1.568	.4524	-.0123	34.71	.9352	.4851
#2	.7194	43.64	1.312	.5083	1.560	.4492	-.0140	34.57	.9351	.4857
#3	.7210	43.71	1.315	.5091	1.564	.4500	-.0138	34.58	.9368	.4866

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7304	.8016	106.9	13.78	14.74	2.958	.2329	5.094	.6213	1.441
Stddev	.0033	.0010	.4	.04	.05	.010	.0012	.013	.0011	.002
%RSD	.4477	.1229	.3603	.2893	.3070	.3421	.5123	.2587	.1710	.1431

#1	.7320	.8012	107.3	13.77	14.79	2.966	.2327	5.106	.6212	1.440
#2	.7266	.8009	106.6	13.75	14.70	2.946	.2318	5.080	.6203	1.444
#3	.7325	.8027	106.8	13.83	14.74	2.961	.2342	5.097	.6224	1.441

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9605	.8832	11.16	1.004	.3877	1.961	1.007	.7107	1.725
Stddev	.0010	.0008	.01	.002	.0008	.003	.005	.0014	.001
%RSD	.1045	.0944	.1188	.2071	.1976	.1397	.5417	.1948	.0766

#1	.9595	.8825	11.17	1.002	.3884	1.963	1.011	.7122	1.724
#2	.9604	.8830	11.14	1.005	.3879	1.958	1.001	.7095	1.724
#3	.9615	.8842	11.16	1.006	.3869	1.963	1.008	.7104	1.726

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4250.9	67858.	6207.9
Stddev	7.5	338.	15.3
%RSD	.17612	.49784	.24595

#1	4258.6	67854.	6197.6
#2	4250.3	68197.	6225.5
#3	4243.7	67522.	6200.6

Sample Name: L1807747-01,T Acquired: 3/10/2018 6:58:50 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062	197.4	1.596	.0384	1.529	.0029	.0015	40.34	.0130	.1104
Stddev	.0005	1.1	.006	.0013	.009	.0000	.0004	.35	.0001	.0005
%RSD	8.381	.5589	.4097	3.419	.5898	1.380	25.08	.8666	.7478	.4974

#1	.0058	198.2	1.590	.0388	1.533	.0029	.0014	40.43	.0129	.1101
#2	.0061	196.1	1.595	.0395	1.519	.0029	.0012	39.95	.0130	.1101
#3	.0068	197.9	1.603	.0370	1.536	.0028	.0020	40.63	.0131	.1111

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2941	2.903	242.9	8.751	39.84	3.850	.0166	3.119	.2537	18.76
Stddev	.0010	.013	1.5	.092	.16	.013	.0004	.028	.0008	.06
%RSD	.3539	.4427	.6240	1.053	.3913	.3313	2.697	.9025	.2984	.3273

#1	.2951	2.917	243.7	8.793	39.82	3.861	.0162	3.151	.2531	18.72
#2	.2941	2.902	241.2	8.646	39.69	3.836	.0164	3.099	.2535	18.73
#3	.2930	2.891	243.9	8.815	40.00	3.854	.0171	3.108	.2546	18.83

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0052	.0139	16.59	1.717	.3097	7.498	-.0126	.4173	2.791
Stddev	.0020	.0053	.07	.007	.0026	.035	.0017	.0022	.012
%RSD	39.39	37.94	.4074	.3972	.8295	.4739	13.58	.5384	.4358

#1	-.0074	.0142	16.55	1.712	.3100	7.537	-.0107	.4197	2.782
#2	-.0047	.0084	16.55	1.713	.3070	7.467	-.0130	.4170	2.786
#3	-.0034	.0189	16.67	1.725	.3122	7.490	-.0141	.4152	2.805

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4463.6	71003.	6660.7
Stddev	14.6	154.	30.7
%RSD	.32743	.21660	.46037

#1	4478.1	70842.	6672.8
#2	4464.0	71149.	6683.4
#3	4448.8	71017.	6625.8

Sample Name: L1807747-02,T Acquired: 3/10/2018 7:03:26 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039	188.1	.2999	.0233	1.603	.0038	.0163	41.55	.0163	.1491
Stddev	.0004	.3	.0005	.0011	.003	.0001	.0005	.02	.0000	.0003
%RSD	9.753	.1775	.1819	4.593	.1889	1.764	3.253	.0550	.3047	.2062

#1	.0043	188.0	.3005	.0246	1.605	.0039	.0158	41.54	.0163	.1494
#2	.0035	187.8	.2996	.0228	1.600	.0038	.0162	41.53	.0163	.1488
#3	.0039	188.4	.2995	.0226	1.604	.0038	.0168	41.57	.0164	.1493

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3770	.9796	394.6	8.021	39.50	5.095	.0304	3.057	.2877	1.802
Stddev	.0004	.0019	.7	.045	.33	.014	.0006	.016	.0009	.008
%RSD	.0986	.1919	.1718	.5629	.8316	.2677	2.102	.5177	.3244	.4380

#1	.3767	.9794	394.7	8.067	39.18	5.094	.0307	3.042	.2884	1.800
#2	.3774	.9778	393.9	7.977	39.47	5.081	.0297	3.055	.2866	1.795
#3	.3769	.9815	395.3	8.020	39.84	5.109	.0308	3.073	.2881	1.810

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0960	.0217	11.39	.6821	.3859	6.576	-.0091	.4625	1.982
Stddev	.0009	.0011	.03	.0024	.0009	.009	.0016	.0002	.006
%RSD	.9581	5.163	.2367	.3500	.2228	.1317	17.48	.0431	.3288

#1	.0951	.0230	11.39	.6813	.3867	6.567	-.0104	.4624	1.978
#2	.0969	.0208	11.36	.6803	.3850	6.576	-.0073	.4628	1.978
#3	.0962	.0213	11.41	.6848	.3861	6.584	-.0095	.4625	1.989

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4469.1	71501.	6704.5
Stddev	16.3	11.	44.9
%RSD	.36504	.01556	.67032

#1	4473.7	71488.	6743.0
#2	4482.6	71505.	6715.5
#3	4451.0	71510.	6655.1

Sample Name: L1807747-03,T Acquired: 3/10/2018 7:07:55 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046	149.9	.2186	.0274	1.839	.0057	.0020	59.83	.0177	.1443
Stddev	.0000	.3	.0040	.0008	.004	.0001	.0009	.12	.0001	.0006
%RSD	.6619	.2000	1.837	2.842	.2241	2.594	44.13	.1932	.7275	.4078

#1	.0046	149.6	.2141	.0269	1.834	.0056	.0014	59.71	.0176	.1445
#2	.0046	150.2	.2201	.0283	1.842	.0057	.0030	59.82	.0177	.1436
#3	.0045	149.9	.2217	.0269	1.840	.0059	.0017	59.95	.0179	.1447

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3346	2.061	308.3	10.70	30.44	4.501	.0433	1.961	.4555	3.095
Stddev	.0011	.001	.4	.05	.12	.010	.0004	.009	.0018	.011
%RSD	.3223	.0467	.1251	.4647	.3795	.2267	.9623	.4710	.3991	.3434

#1	.3334	2.060	307.9	10.68	30.34	4.495	.0437	1.957	.4539	3.085
#2	.3356	2.062	308.6	10.75	30.57	4.513	.0433	1.971	.4551	3.094
#3	.3347	2.062	308.5	10.66	30.42	4.495	.0429	1.954	.4574	3.106

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087	.0190	8.491	.6137	.5773	4.961	-.0100	.5271	3.062
Stddev	.0004	.0021	.021	.0005	.0015	.001	.0023	.0006	.007
%RSD	5.112	10.86	.2431	.0742	.2600	.0182	22.54	.1071	.2313

#1	.0090	.0211	8.493	.6141	.5757	4.961	-.0078	.5266	3.058
#2	.0082	.0188	8.470	.6132	.5777	4.961	-.0100	.5268	3.059
#3	.0089	.0170	8.512	.6139	.5786	4.960	-.0123	.5277	3.071

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4521.3	72461.	6644.1
Stddev	9.0	66.	22.6
%RSD	.19983	.09097	.33945

#1	4531.4	72530.	6667.3
#2	4518.6	72454.	6622.2
#3	4514.0	72399.	6642.8

Sample Name: L1807747-04,T Acquired: 3/10/2018 7:12:26 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032	228.1	.2624	.0164	1.338	-0.0004	.0042	52.31	.0134	.1629
Stddev	.0010	1.1	.0017	.0009	.004	.0001	.0021	.06	.0000	.0003
%RSD	30.06	.4995	.6442	5.414	.3205	23.62	49.52	.1074	.3317	.2046

#1	.0028	229.4	.2641	.0157	1.342	-0.0003	.0065	52.37	.0133	.1630
#2	.0025	227.4	.2622	.0161	1.335	-0.0005	.0035	52.30	.0134	.1625
#3	.0043	227.4	.2608	.0174	1.336	-0.0005	.0026	52.25	.0134	.1631

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5907	1.291	338.3	50.04	85.00	3.956	.0272	2.443	.3916	1.691
Stddev	.0014	.000	.9	.38	.28	.023	.0002	.031	.0013	.003
%RSD	.2301	.0223	.2568	.7613	.3240	.5771	.7512	1.263	.3303	.1534

#1	.5916	1.291	339.3	50.47	85.30	3.983	.0274	2.476	.3921	1.690
#2	.5912	1.291	337.7	49.91	84.95	3.943	.0270	2.439	.3901	1.689
#3	.5891	1.291	337.8	49.74	84.76	3.943	.0272	2.414	.3925	1.694

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0484	.0076	11.67	.1215	.2355	9.335	-.0152	.5626	1.648
Stddev	.0017	.0032	.03	.0010	.0004	.109	.0010	.0015	.003
%RSD	3.589	41.70	.2827	.8095	.1723	1.168	6.637	.2651	.1596

#1	-.0472	.0113	11.65	.1204	.2355	9.450	-.0147	.5641	1.648
#2	-.0504	.0060	11.66	.1220	.2351	9.321	-.0163	.5627	1.645
#3	-.0475	.0055	11.71	.1222	.2359	9.233	-.0145	.5611	1.650

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4462.8	72591.	6844.5
Stddev	5.9	476.	30.8
%RSD	.13299	.65572	.44990

#1	4468.3	72114.	6813.5
#2	4463.6	72592.	6844.9
#3	4456.5	73066.	6875.1

Sample Name: L1807747-05,T Acquired: 3/10/2018 7:17:06 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013	227.4	.3270	.0144	1.033	-0.0003	.0073	34.56	.0109	.1545
Stddev	.0002	.8	.0036	.0006	.002	.0001	.0018	.10	.0001	.0003
%RSD	13.14	.3459	1.100	4.377	.2290	19.46	25.18	.3015	1.281	.2108

#1	.0013	228.3	.3311	.0150	1.036	-0.0003	.0094	34.65	.0108	.1543
#2	.0011	227.1	.3258	.0138	1.032	-0.0004	.0058	34.59	.0108	.1543
#3	.0015	226.7	.3242	.0142	1.031	-0.0003	.0068	34.45	.0110	.1548

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5527	.8836	285.9	24.00	74.41	5.398	.0088	1.228	.3158	1.850
Stddev	.0023	.0020	1.0	.17	.84	.015	.0001	.007	.0002	.002
%RSD	.4135	.2208	.3476	.6951	1.127	.2790	1.362	.5840	.0722	.1146

#1	.5551	.8858	286.9	24.18	75.35	5.414	.0088	1.220	.3159	1.849
#2	.5525	.8825	285.7	23.96	74.16	5.394	.0086	1.232	.3156	1.849
#3	.5506	.8823	285.0	23.85	73.73	5.385	.0088	1.233	.3160	1.853

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0559	.0104	11.77	.1676	.1793	11.00	-.0181	.5420	1.317
Stddev	.0006	.0010	.05	.0009	.0004	.09	.0008	.0017	.002
%RSD	1.083	9.832	.4476	.5274	.2145	.7751	4.219	.3206	.1675

#1	-.0556	.0100	11.73	.1685	.1797	11.05	-.0176	.5440	1.319
#2	-.0565	.0097	11.75	.1668	.1794	10.91	-.0177	.5407	1.315
#3	-.0554	.0116	11.83	.1673	.1789	11.06	-.0189	.5414	1.318

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4387.8	71605.	6832.0
Stddev	8.6	167.	70.2
%RSD	.19692	.23303	1.0271

#1	4378.9	71416.	6754.3
#2	4396.2	71733.	6851.0
#3	4388.3	71665.	6890.8

Sample Name: L1807747-06,T Acquired: 3/10/2018 7:21:44 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012	232.4	.1071	.0108	.8341	-0.0002	.0002	31.08	.0095	.1579
Stddev	.0003	.4	.0019	.0003	.0005	.0001	.0016	.09	.0001	.0004
%RSD	28.85	.1535	1.813	2.633	.0650	56.53	784.7	.2977	.7181	.2576

#1	.0009	232.7	.1048	.0110	.8345	-0.0001	.0008	31.18	.0095	.1575
#2	.0016	232.6	.1081	.0105	.8343	-0.0002	-.0016	31.06	.0094	.1579
#3	.0011	232.0	.1083	.0110	.8335	-0.0003	.0014	31.00	.0095	.1583

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3029	1.216	288.8	14.90	64.58	3.596	.0063	2.046	.2547	.7141
Stddev	.0007	.001	.6	.02	.36	.006	.0004	.002	.0006	.0018
%RSD	.2331	.0849	.2215	.1544	.5579	.1804	6.079	.1015	.2334	.2542

#1	.3022	1.217	289.3	14.90	64.74	3.595	.0065	2.046	.2540	.7125
#2	.3029	1.215	289.0	14.88	64.82	3.602	.0059	2.048	.2548	.7138
#3	.3036	1.217	288.1	14.92	64.16	3.589	.0065	2.044	.2552	.7161

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0514	.0048	11.01	.0090	.1366	10.19	-.0190	.5188	1.101
Stddev	.0025	.0021	.02	.0007	.0003	.08	.0021	.0006	.004
%RSD	4.774	43.90	.1789	7.666	.2420	.7656	11.13	.1204	.3311

#1	-.0540	.0066	10.99	.0089	.1370	10.24	-.0210	.5182	1.101
#2	-.0490	.0053	11.03	.0098	.1365	10.10	-.0193	.5194	1.097
#3	-.0513	.0025	11.01	.0084	.1364	10.22	-.0168	.5189	1.104

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4502.9	73628.	7011.8
Stddev	17.0	270.	25.6
%RSD	.37713	.36633	.36448

#1	4500.8	73764.	6997.6
#2	4520.8	73801.	6996.4
#3	4487.0	73317.	7041.3

Sample Name: L1807747-07,T Acquired: 3/10/2018 7:26:21 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	247.8	.2331	.0155	.9842	.0004	.0119	35.35	.0137	.1764
Stddev	.0004	.7	.0033	.0004	.0043	.0002	.0022	.05	.0001	.0004
%RSD	84.40	.2765	1.408	2.863	.4326	39.25	18.80	.1432	.4229	.2185

#1	.0000	248.2	.2355	.0150	.9859	.0006	.0144	35.38	.0136	.1766
#2	.0005	248.3	.2294	.0158	.9874	.0004	.0111	35.29	.0137	.1767
#3	.0007	247.0	.2344	.0157	.9794	.0002	.0102	35.36	.0137	.1760

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5479	.9745	358.4	26.63	86.54	5.029	.0090	1.514	.8567	1.394
Stddev	.0011	.0011	.6	.03	.62	.018	.0000	.020	.0005	.002
%RSD	.2077	.1146	.1563	.1017	.7212	.3621	.5429	1.313	.0558	.1342

#1	.5492	.9743	358.5	26.64	86.46	5.032	.0089	1.510	.8567	1.394
#2	.5469	.9735	358.8	26.66	85.96	5.046	.0090	1.536	.8563	1.392
#3	.5478	.9757	357.7	26.60	87.20	5.010	.0090	1.497	.8572	1.396

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0614	.0086	11.31	.0041	.1483	11.62	-.0195	.6334	1.556
Stddev	.0032	.0014	.01	.0012	.0001	.06	.0022	.0017	.001
%RSD	5.273	16.17	.0904	29.30	.0856	.5451	11.29	.2750	.0911

#1	-.0584	.0096	11.32	.0055	.1484	11.64	-.0213	.6354	1.555
#2	-.0610	.0092	11.30	.0033	.1484	11.68	-.0202	.6324	1.556
#3	-.0648	.0070	11.30	.0035	.1482	11.55	-.0171	.6324	1.558

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4462.4	73148.	7021.1
Stddev	5.6	167.	48.8
%RSD	.12486	.22870	.69508

#1	4467.6	72964.	7040.8
#2	4463.1	73292.	7056.9
#3	4456.5	73189.	6965.5

Sample Name: CCV Acquired: 3/10/2018 7:30:57 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4965	F .5779	.5089	.4947	.5088	.5073	.4822	.5311	.4944	.4973
Stddev	.0006	.0121	.0007	.0025	.0009	.0003	.0017	.0107	.0019	.0016
%RSD	.1254	2.099	.1405	.5122	.1805	.0569	.3491	2.017	.3828	.3296
#1	.4972	.5830	.5093	.4919	.5078	.5073	.4805	.5204	.4929	.4959
#2	.4964	.5641	.5080	.4955	.5096	.5070	.4838	.5311	.4937	.4969
#3	.4960	.5867	.5092	.4968	.5091	.5076	.4824	.5418	.4965	.4991

Check ? **Chk Pass** **Chk Fail** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** None **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit **.5524**
 Low Limit **.4476**

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4975	.4991	F .5993	5.319	.5129	.5413	.4946	10.46	.4948	.5048
Stddev	.0020	.0009	.0027	.028	.0043	.0012	.0020	.06	.0024	.0024
%RSD	.3961	.1862	.4505	.5198	.8394	.2210	.4104	.5688	.4759	.4787
#1	.4957	.5001	.6019	5.320	.5092	.5404	.4927	10.40	.4927	.5062
#2	.4972	.4990	.5995	5.291	.5176	.5426	.4944	10.46	.4942	.5020
#3	.4996	.4982	.5965	5.346	.5120	.5408	.4967	10.52	.4973	.5062

Check ? **Chk Pass** **Chk Pass** **Chk Fail** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit **.5524**
 Low Limit **.4476**

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5061	.4924	5.349	.4993	.4869	.5014	.4928	.5129	.4888
Stddev	.0028	.0020	.011	.0026	.0007	.0003	.0026	.0007	.0016
%RSD	.5622	.4086	.2086	.5300	.1449	.0501	.5376	.1454	.3284
#1	.5037	.4924	5.337	.4962	.4864	.5015	.4913	.5135	.4873
#2	.5055	.4904	5.352	.5004	.4877	.5016	.4912	.5131	.4885
#3	.5093	.4945	5.359	.5012	.4866	.5012	.4959	.5120	.4905

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3946.2	65187.	5878.4
Stddev	13.0	236.	52.9
%RSD	.32837	.36245	.90064
#1	3951.7	65159.	5937.9
#2	3955.5	65436.	5836.4
#3	3931.4	64966.	5861.0

Sample Name: CCB Acquired: 3/10/2018 7:35:28 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0223	.0001	.0004	.0006	.0003	-.0001	.0117	.0003	.0005
Stddev	.0005	.0102	.0014	.0004	.0001	.0000	.0011	.0073	.0000	.0001
%RSD	228.3	45.95	950.4	99.61	20.13	17.22	1069.	62.06	13.99	17.82
#1	.0008	.0249	.0001	.0002	.0006	.0003	.0008	.0143	.0004	.0005
#2	.0000	.0310	.0016	.0008	.0008	.0002	.0002	.0174	.0004	.0006
#3	-.0002	.0110	-.0012	.0001	.0005	.0003	-.0013	.0035	.0003	.0004

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	.0001	.0420	.0142	.0062	.0010	.0008	.0092	.0004	-.0010
Stddev	.0006	.0003	.0031	.0257	.0002	.0005	.0003	.0086	.0003	.0014
%RSD	91.21	354.9	7.323	181.2	3.094	52.78	35.44	93.91	98.17	138.0
#1	.0010	.0003	.0446	.0119	.0062	.0012	.0009	.0127	.0008	-.0011
#2	-.0000	.0002	.0428	-.0103	.0061	.0014	.0009	.0154	.0002	-.0023
#3	.0009	-.0003	.0386	.0409	.0064	.0004	.0004	-.0007	.0001	.0004

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0007	.0394	.0002	.0005	.0016	.0004	.0006	.0004
Stddev	.0011	.0026	.0022	.0006	.0001	.0003	.0010	.0002	.0001
%RSD	229.9	359.2	5.704	292.8	12.90	20.83	268.2	34.12	34.71
#1	-.0008	.0026	.0420	.0008	.0004	.0015	.0007	.0005	.0004
#2	.0008	-.0023	.0387	-.0003	.0006	.0014	-.0008	.0008	.0005
#3	.0014	.0018	.0376	.0001	.0005	.0020	.0012	.0004	.0003

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3981.6	65974.	5885.6
Stddev	16.3	280.	33.0
%RSD	.40870	.42464	.56137
#1	3979.5	65651.	5874.0
#2	3998.9	66119.	5859.9
#3	3966.6	66152.	5922.9

Sample Name: L1807747-08,T Acquired: 3/10/2018 7:40:10 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090	208.6	.2570	.0272	1.204	.0055	.0352	53.08	.0349	.2337
Stddev	.0001	.5	.0053	.0009	.002	.0001	.0021	.08	.0001	.0003
%RSD	1.019	.2166	2.066	3.447	.1896	.9902	6.039	.1449	.1759	.1455

#1	.0091	208.6	.2512	.0281	1.205	.0055	.0363	53.04	.0350	.2333
#2	.0090	209.1	.2581	.0271	1.205	.0054	.0366	53.17	.0349	.2339
#3	.0089	208.2	.2616	.0263	1.201	.0055	.0328	53.04	.0349	.2339

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7092	2.570	647.7	16.58	63.71	9.054	.0301	1.273	.4793	11.07
Stddev	.0015	.003	5.8	.07	.45	.017	.0006	.002	.0008	.02
%RSD	.2180	.1255	.8990	.4052	.7025	.1907	1.927	.1147	.1642	.2000

#1	.7109	2.572	653.8	16.58	63.21	9.047	.0305	1.271	.4788	11.05
#2	.7080	2.566	642.1	16.64	64.07	9.074	.0305	1.274	.4790	11.09
#3	.7086	2.571	647.2	16.51	63.84	9.042	.0295	1.273	.4802	11.09

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0325	.0322	9.715	1.444	.2460	5.811	-.0029	.6842	5.346
Stddev	.0011	.0038	.017	.003	.0007	.005	.0018	.0005	.007
%RSD	3.381	11.66	.1768	.1931	.2752	.0937	64.13	.0758	.1282

#1	-.0319	.0312	9.704	1.442	.2464	5.817	-.0028	.6837	5.339
#2	-.0319	.0291	9.706	1.443	.2464	5.807	-.0048	.6842	5.346
#3	-.0338	.0364	9.734	1.447	.2452	5.808	-.0011	.6847	5.353

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4426.1	73364.	7046.6
Stddev	10.5	319.	37.0
%RSD	.23640	.43452	.52575

#1	4438.2	72997.	7089.0
#2	4419.6	73574.	7020.9
#3	4420.5	73520.	7029.8

Sample Name: L1807747-09,T Acquired: 3/10/2018 7:44:44 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033	222.4	.1537	.0159	.9031	.0035	.0122	20.31	.0110	.1151
Stddev	.0002	.5	.0019	.0005	.0023	.0001	.0006	.03	.0001	.0002
%RSD	6.887	.2269	1.218	3.147	.2561	2.622	5.032	.1494	.6349	.1831

#1	.0031	222.0	.1535	.0157	.9045	.0036	.0121	20.30	.0110	.1153
#2	.0032	222.2	.1519	.0155	.9005	.0034	.0129	20.29	.0111	.1149
#3	.0035	222.9	.1556	.0164	.9045	.0035	.0117	20.35	.0110	.1151

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2901	.5876	260.4	11.57	46.09	3.501	.0063	12.92	.2008	18.69
Stddev	.0005	.0012	.2	.04	.26	.011	.0003	.05	.0005	.03
%RSD	.1620	.2068	.0891	.3723	.5552	.3210	4.871	.3760	.2309	.1446

#1	.2902	.5864	260.3	11.53	45.79	3.492	.0063	12.87	.2010	18.68
#2	.2905	.5876	260.3	11.57	46.24	3.499	.0061	12.93	.2003	18.68
#3	.2896	.5888	260.7	11.62	46.23	3.514	.0067	12.97	.2012	18.72

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0407	.0056	17.37	.0444	.1141	7.120	-.0135	.4157	2.942
Stddev	.0029	.0004	.02	.0013	.0003	.009	.0014	.0013	.004
%RSD	7.027	7.053	.1328	2.916	.2202	.1325	10.73	.3228	.1537

#1	-.0430	.0061	17.37	.0456	.1142	7.130	-.0145	.4152	2.937
#2	-.0417	.0053	17.35	.0430	.1138	7.111	-.0118	.4172	2.945
#3	-.0375	.0056	17.39	.0445	.1142	7.119	-.0141	.4147	2.946

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4339.6	70196.	6677.0
Stddev	11.2	83.	38.5
%RSD	.25799	.11753	.57655

#1	4352.0	70142.	6721.4
#2	4336.6	70291.	6656.5
#3	4330.2	70156.	6653.1

Sample Name: L1807747-10,T Acquired: 3/10/2018 7:49:13 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054	208.0	.2056	.0339	1.388	.0044	.0123	44.85	.0173	.1501
Stddev	.0003	.1	.0037	.0004	.002	.0000	.0014	.11	.0000	.0002
%RSD	5.751	.0265	1.795	1.313	.1314	.6354	11.54	.2389	.0789	.1048

#1	.0057	208.0	.2024	.0341	1.387	.0044	.0107	44.75	.0173	.1500
#2	.0055	208.0	.2096	.0342	1.387	.0044	.0132	44.85	.0173	.1502
#3	.0051	208.1	.2049	.0334	1.390	.0044	.0131	44.96	.0173	.1503

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4740	1.385	342.3	7.632	43.49	5.939	.0210	2.030	.2796	4.181
Stddev	.0008	.002	.4	.064	.13	.001	.0005	.007	.0007	.007
%RSD	.1741	.1418	.1141	.8350	.3015	.0087	2.496	.3455	.2533	.1569

#1	.4750	1.385	341.9	7.668	43.37	5.939	.0206	2.037	.2788	4.178
#2	.4735	1.384	342.3	7.558	43.63	5.940	.0208	2.029	.2800	4.177
#3	.4736	1.387	342.7	7.669	43.48	5.940	.0216	2.023	.2801	4.189

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0498	.0199	11.78	.6501	.3649	7.842	-.0123	.5493	2.867
Stddev	.0031	.0038	.03	.0025	.0013	.075	.0032	.0020	.003
%RSD	6.222	19.07	.2382	.3791	.3448	.9553	25.99	.3709	.1122

#1	.0466	.0191	11.75	.6510	.3638	7.928	-.0151	.5517	2.864
#2	.0499	.0165	11.77	.6473	.3646	7.806	-.0132	.5483	2.868
#3	.0528	.0240	11.81	.6520	.3663	7.792	-.0088	.5480	2.870

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4621.1	75778.	7205.2
Stddev	3.6	497.	19.3
%RSD	.07740	.65546	.26828

#1	4621.6	75207.	7224.0
#2	4617.3	76112.	7185.4
#3	4624.4	76015.	7206.1

Sample Name: L1807747-11,T Acquired: 3/10/2018 7:53:50 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060	166.6	.2222	.0186	1.150	.0042	.0186	41.54	.0208	.1510
Stddev	.0001	.1	.0033	.0011	.000	.0000	.0006	.06	.0001	.0006
%RSD	2.268	.0691	1.504	5.849	.0228	.7124	3.438	.1497	.7090	.3757

#1	.0062	166.7	.2219	.0198	1.150	.0042	.0182	41.50	.0209	.1509
#2	.0060	166.5	.2257	.0183	1.150	.0042	.0183	41.61	.0206	.1505
#3	.0059	166.5	.2190	.0178	1.150	.0042	.0194	41.50	.0208	.1516

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4672	.8473	429.1	11.81	39.16	8.808	.0244	1.084	.1926	2.956
Stddev	.0002	.0018	3.4	.02	.23	.010	.0004	.009	.0006	.008
%RSD	.0343	.2104	.7828	.2098	.5983	.1139	1.447	.7878	.3314	.2580

#1	.4671	.8453	431.0	11.80	39.29	8.804	.0241	1.083	.1919	2.953
#2	.4674	.8488	431.0	11.79	39.30	8.820	.0248	1.076	.1930	2.951
#3	.4671	.8477	425.2	11.84	38.89	8.801	.0244	1.093	.1930	2.965

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1179	.0191	9.097	.8657	.2201	6.556	-.0034	.4804	1.516
Stddev	.0007	.0042	.029	.0032	.0001	.005	.0016	.0011	.004
%RSD	.6066	21.97	.3215	.3732	.0397	.0729	47.39	.2229	.2528

#1	.1171	.0156	9.094	.8641	.2201	6.555	-.0035	.4795	1.514
#2	.1184	.0180	9.069	.8636	.2202	6.552	-.0017	.4801	1.513
#3	.1183	.0238	9.127	.8694	.2202	6.562	-.0050	.4816	1.520

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4614.0	76008.	7182.7
Stddev	7.1	161.	32.1
%RSD	.15471	.21195	.44661

#1	4617.2	76036.	7172.4
#2	4618.9	76153.	7157.0
#3	4605.8	75834.	7218.6

Sample Name: L1807747-12,T Acquired: 3/10/2018 7:58:23 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	94.84	.1486	.0179	1.887	.0063	-.0128	58.41	.0083	.1114
Stddev	.0001	.19	.0002	.0005	.001	.0001	.0010	.16	.0000	.0001
%RSD	13.73	.2052	.1099	2.948	.0702	1.683	8.007	.2811	.5353	.0929

#1	.0006	94.85	.1485	.0177	1.887	.0062	-.0118	58.49	.0082	.1113
#2	.0008	94.64	.1487	.0185	1.886	.0062	-.0138	58.22	.0083	.1114
#3	.0008	95.02	.1488	.0175	1.889	.0064	-.0129	58.52	.0083	.1115

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1823	2.089	180.3	9.244	19.45	3.358	.0243	12.12	.3717	2.229
Stddev	.0004	.004	.3	.030	.15	.016	.0001	.04	.0019	.008
%RSD	.2429	.2033	.1684	.3204	.7946	.4767	.4987	.3715	.5009	.3768

#1	.1828	2.089	180.4	9.278	19.38	3.351	.0243	12.08	.3705	2.222
#2	.1819	2.085	180.0	9.226	19.35	3.346	.0242	12.12	.3707	2.227
#3	.1822	2.094	180.6	9.228	19.63	3.376	.0245	12.17	.3738	2.238

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0094	.0067	5.695	.9447	.7351	2.302	-.0070	.3428	1.795
Stddev	.0011	.0035	.019	.0044	.0009	.006	.0011	.0010	.008
%RSD	11.73	52.32	.3361	.4605	.1233	.2708	15.60	.3020	.4686

#1	-.0081	.0029	5.690	.9428	.7355	2.304	-.0077	.3419	1.790
#2	-.0099	.0099	5.679	.9416	.7357	2.295	-.0058	.3424	1.791
#3	-.0101	.0073	5.716	.9497	.7340	2.307	-.0076	.3439	1.805

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4470.9	71593.	6652.9
Stddev	11.8	55.	44.7
%RSD	.26313	.07661	.67180

#1	4477.5	71530.	6671.8
#2	4477.8	71617.	6685.2
#3	4457.3	71632.	6601.9

Sample Name: L1807747-13,T Acquired: 3/10/2018 8:02:53 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048	132.8	.2829	.0306	1.756	.0075	.0064	35.80	.0151	.2812
Stddev	.0003	.4	.0029	.0008	.005	.0001	.0011	.13	.0001	.0007
%RSD	6.194	.2690	1.020	2.671	.2927	1.788	16.59	.3764	.5752	.2605

#1	.0046	133.2	.2808	.0312	1.761	.0076	.0068	35.94	.0150	.2807
#2	.0047	132.5	.2862	.0308	1.751	.0073	.0052	35.67	.0152	.2809
#3	.0052	132.7	.2817	.0297	1.757	.0075	.0073	35.79	.0151	.2821

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3228	1.914	380.9	11.66	30.29	10.93	.0322	41.77	.5540	7.411
Stddev	.0006	.002	1.4	.06	.11	.03	.0003	.11	.0030	.019
%RSD	.1751	.1079	.3660	.5252	.3575	.2553	1.076	.2596	.5404	.2508

#1	.3228	1.912	382.5	11.73	30.40	10.96	.0322	41.77	.5532	7.404
#2	.3222	1.916	379.7	11.62	30.27	10.91	.0319	41.66	.5514	7.396
#3	.3233	1.914	380.7	11.63	30.19	10.94	.0326	41.88	.5573	7.432

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	.0288	9.923	.6494	.5609	4.157	-.0007	.6600	4.780
Stddev	.0022	.0023	.019	.0011	.0020	.007	.0012	.0018	.017
%RSD	198.7	7.972	.1952	.1736	.3592	.1781	174.3	.2742	.3546

#1	.0001	.0315	9.904	.6482	.5628	4.149	.0006	.6581	4.774
#2	-.0004	.0279	9.923	.6496	.5588	4.163	-.0009	.6617	4.766
#3	.0036	.0272	9.943	.6504	.5610	4.159	-.0018	.6602	4.799

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4458.3	71217.	6636.8
Stddev	16.4	258.	15.6
%RSD	.36889	.36192	.23536

#1	4461.6	71512.	6619.4
#2	4472.8	71102.	6641.3
#3	4440.4	71036.	6649.7

Sample Name: L1807747-14,T Acquired: 3/10/2018 8:07:22 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059	164.4	.2103	.0387	1.281	.0036	-.0268	136.8	.0156	.1330
Stddev	.0005	.8	.0013	.0002	.007	.0000	.0019	.6	.0001	.0006
%RSD	7.892	.4659	.6164	.5712	.5319	.5632	7.106	.4230	.8673	.4814

#1	.0055	165.2	.2089	.0384	1.288	.0037	-.0282	137.1	.0154	.1325
#2	.0064	163.7	.2105	.0388	1.274	.0036	-.0246	136.1	.0157	.1327
#3	.0059	164.4	.2115	.0388	1.281	.0036	-.0276	137.0	.0157	.1337

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3403	2.958	310.5	25.85	68.83	6.504	.0208	20.72	.2573	2.411
Stddev	.0007	.007	1.3	.08	.22	.024	.0003	.09	.0012	.003
%RSD	.2150	.2384	.4051	.2952	.3237	.3671	1.528	.4239	.4630	.1430

#1	.3401	2.963	311.4	25.93	68.58	6.525	.0205	20.81	.2563	2.410
#2	.3411	2.950	309.1	25.78	68.91	6.478	.0211	20.63	.2571	2.407
#3	.3396	2.962	311.1	25.85	69.01	6.509	.0207	20.71	.2586	2.414

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0301	.0162	9.236	.5269	.5224	6.708	-.0109	.6192	2.527
Stddev	.0012	.0050	.030	.0015	.0024	.016	.0019	.0013	.008
%RSD	3.895	31.01	.3240	.2903	.4588	.2415	17.22	.2112	.3119

#1	-.0293	.0191	9.237	.5255	.5243	6.724	-.0096	.6207	2.521
#2	-.0297	.0191	9.206	.5266	.5197	6.692	-.0101	.6186	2.525
#3	-.0315	.0104	9.265	.5286	.5233	6.707	-.0131	.6184	2.536

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4479.7	71223.	6735.8
Stddev	10.3	282.	23.0
%RSD	.22898	.39537	.34193

#1	4490.8	70914.	6758.3
#2	4477.6	71465.	6736.8
#3	4470.6	71289.	6712.3

Sample Name: L1807747-15,T Acquired: 3/10/2018 8:11:51 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103	183.3	.2408	.0342	1.420	.0046	.0157	84.56	.0268	.1311
Stddev	.0003	.3	.0014	.0003	.001	.0001	.0004	.12	.0001	.0001
%RSD	2.767	.1366	.5733	1.016	.0496	1.371	2.401	.1476	.3719	.0576

#1	.0107	183.6	.2421	.0346	1.421	.0045	.0156	84.43	.0267	.1311
#2	.0102	183.2	.2408	.0342	1.420	.0046	.0155	84.59	.0268	.1310
#3	.0101	183.2	.2394	.0339	1.419	.0046	.0162	84.67	.0269	.1312

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.026	1.001	341.7	9.743	51.23	6.770	.0278	1.866	.2673	4.838
Stddev	.004	.002	.4	.072	.16	.006	.0004	.011	.0006	.014
%RSD	.3675	.1986	.1063	.7354	.3057	.0963	1.491	.6133	.2273	.2782

#1	1.030	1.003	342.0	9.824	51.36	6.770	.0274	1.875	.2668	4.822
#2	1.026	1.001	341.3	9.715	51.26	6.763	.0282	1.871	.2672	4.847
#3	1.022	.9995	341.9	9.689	51.06	6.776	.0277	1.853	.2680	4.844

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0860	.0166	9.891	.3008	.4433	5.493	-.0074	.5645	3.015
Stddev	.0008	.0003	.003	.0008	.0006	.018	.0028	.0038	.010
%RSD	.9496	1.996	.0288	.2680	.1458	.3231	37.54	.6667	.3176

#1	.0869	.0166	9.893	.2999	.4435	5.507	-.0090	.5679	3.005
#2	.0854	.0163	9.891	.3009	.4426	5.499	-.0090	.5651	3.016
#3	.0856	.0169	9.887	.3015	.4438	5.473	-.0042	.5604	3.025

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4508.9	72195.	6790.8
Stddev	5.9	379.	14.3
%RSD	.13167	.52559	.20995

#1	4513.3	71811.	6774.3
#2	4511.2	72205.	6798.4
#3	4502.2	72569.	6799.5

Sample Name: WG1094974-3,C Acquired: 3/10/2018 8:16:20 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0523	2.433	.1304	1.072	2.129	.0546	-.0027	64.61	.0542	.4781
Stddev	.0006	.005	.0010	.001	.005	.0004	.0006	.01	.0002	.0014
%RSD	1.090	.2209	.8044	.0621	.2345	.7380	21.53	.0219	.3804	.2997

#1	.0530	2.436	.1316	1.071	2.134	.0547	-.0027	64.63	.0541	.4764
#2	.0521	2.427	.1300	1.071	2.124	.0542	-.0032	64.60	.0545	.4789
#3	.0519	2.437	.1296	1.072	2.129	.0550	-.0021	64.61	.0542	.4790

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2029	.2543	1.373	12.36	11.49	.8242	1.035	171.9	.4909	.5110
Stddev	.0006	.0006	.006	.01	.06	.0031	.003	1.9	.0013	.0010
%RSD	.3196	.2544	.4458	.0435	.5208	.3752	.3009	1.095	.2714	.1884

#1	.2034	.2546	1.373	12.36	11.42	.8245	1.032	172.7	.4895	.5102
#2	.2022	.2536	1.367	12.35	11.52	.8209	1.038	169.8	.4911	.5108
#3	.2030	.2547	1.380	12.36	11.53	.8271	1.037	173.3	.4921	.5120

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5341	.1283	3.806	1.030	1.231	1.065	.1081	.5404	.5973
Stddev	.0037	.0047	.004	.002	.003	.001	.0028	.0015	.0015
%RSD	.6947	3.681	.0918	.1665	.2153	.0964	2.564	.2687	.2487

#1	.5321	.1262	3.810	1.029	1.234	1.064	.1051	.5390	.5958
#2	.5318	.1337	3.805	1.029	1.229	1.065	.1090	.5419	.5973
#3	.5383	.1250	3.803	1.032	1.230	1.066	.1104	.5402	.5988

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3783.2	60111.	5603.6
Stddev	5.4	139.	33.8
%RSD	.14377	.23054	.60320

#1	3789.2	60223.	5641.0
#2	3778.7	59956.	5594.6
#3	3781.7	60154.	5575.3

Sample Name: WG1094974-5,C Acquired: 3/10/2018 8:20:53 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0517	2.422	.1312	1.052	2.129	.0549	-.0023	63.75	.0539	.4764
Stddev	.0009	.003	.0012	.002	.005	.0000	.0028	.19	.0001	.0005
%RSD	1.663	.1138	.8786	.1410	.2429	.0639	125.3	.2973	.1670	.1049

#1	.0521	2.420	.1320	1.054	2.127	.0548	-.0002	63.58	.0539	.4769
#2	.0523	2.425	.1317	1.051	2.135	.0549	-.0055	63.96	.0540	.4762
#3	.0507	2.421	.1299	1.052	2.126	.0549	-.0011	63.72	.0538	.4760

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2029	.2539	1.360	12.16	11.56	.8305	1.013	169.0	.4878	.5090
Stddev	.0013	.0001	.007	.07	.09	.0029	.004	.5	.0018	.0025
%RSD	.6269	.0428	.4828	.5519	.7727	.3534	.3803	.2784	.3675	.4874

#1	.2021	.2539	1.354	12.19	11.57	.8290	1.017	169.1	.4898	.5115
#2	.2044	.2539	1.367	12.21	11.64	.8339	1.011	169.4	.4863	.5090
#3	.2023	.2537	1.360	12.08	11.46	.8287	1.011	168.5	.4874	.5066

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5279	.1290	3.280	1.004	1.217	1.047	.1102	.5409	.5964
Stddev	.0042	.0005	.009	.002	.003	.002	.0011	.0028	.0006
%RSD	.8033	.3998	.2641	.1954	.2511	.1424	1.020	.5164	.1003

#1	.5328	.1284	3.290	1.006	1.216	1.049	.1115	.5411	.5959
#2	.5254	.1294	3.277	1.004	1.221	1.047	.1096	.5435	.5964
#3	.5255	.1293	3.274	1.002	1.215	1.046	.1095	.5379	.5971

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3797.4	60292.	5534.6
Stddev	13.1	140.	31.4
%RSD	.34444	.23246	.56758

#1	3812.4	60377.	5532.8
#2	3791.3	60130.	5504.2
#3	3788.5	60369.	5567.0

Sample Name: CCV Acquired: 3/10/2018 8:25:22 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5150	F .5863	.5182	.4993	.5171	.5299	.4838	.5463	.5028	.5005
Stddev	.0026	.0057	.0007	.0012	.0018	.0014	.0006	.0109	.0011	.0021
%RSD	.4975	.9785	.1340	.2402	.3411	.2641	.1298	1.988	.2216	.4245

#1	.5172	.5834	.5185	.4992	.5151	.5283	.4842	.5584	.5017	.4986
#2	.5122	.5929	.5175	.4981	.5182	.5307	.4830	.5375	.5027	.5000
#3	.5156	.5827	.5188	.5005	.5180	.5308	.4840	.5428	.5040	.5028

Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit		.5524								
Low Limit		.4476								

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5069	.5012	F .6133	5.495	.5342	F .5792	.5034	10.99	.5024	.5105
Stddev	.0014	.0008	.0010	.011	.0025	.0017	.0018	.05	.0012	.0020
%RSD	.2766	.1532	.1634	.2055	.4602	.2899	.3601	.4946	.2463	.3972

#1	.5073	.5004	.6129	5.498	.5327	.5772	.5017	10.94	.5010	.5101
#2	.5081	.5015	.6126	5.482	.5371	.5800	.5032	10.99	.5028	.5086
#3	.5054	.5018	.6145	5.504	.5329	.5803	.5053	11.05	.5034	.5126

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit			.5524			.5524				
Low Limit			.4476			.4476				

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5174	.5013	5.357	.5087	.4889	.5028	.4995	.5273	.4964
Stddev	.0014	.0030	.014	.0013	.0015	.0001	.0016	.0008	.0013
%RSD	.2639	.5939	.2573	.2473	.3136	.0190	.3257	.1544	.2586

#1	.5183	.4982	5.345	.5075	.4872	.5029	.5013	.5277	.4952
#2	.5159	.5014	5.354	.5087	.4902	.5027	.4983	.5278	.4962
#3	.5181	.5042	5.372	.5100	.4892	.5029	.4987	.5264	.4977

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3943.1	64402.	5749.1
Stddev	2.7	277.	30.6
%RSD	.06832	.42959	.53305

#1	3945.5	64416.	5781.5
#2	3943.5	64672.	5720.6
#3	3940.2	64119.	5745.0

Sample Name: CCB Acquired: 3/10/2018 8:29:51 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0045	-.0006	.0005	.0002	.0001	.0003	.0040	.0001	.0001
Stddev	.0008	.0048	.0010	.0003	.0001	.0000	.0010	.0012	.0001	.0000
%RSD	495.4	106.3	168.9	59.16	74.03	16.30	349.4	30.81	160.2	23.50
#1	-.0008	-.0000	-.0016	.0002	.0000	.0001	-.0004	.0033	.0002	.0001
#2	.0007	.0095	-.0006	.0005	.0002	.0001	.0015	.0033	.0000	.0001
#3	.0006	.0040	.0004	.0007	.0003	.0002	-.0002	.0054	-.0000	.0001

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0001	.0092	.0126	.0007	-.0005	.0011	.0215	.0005	-.0001
Stddev	.0003	.0004	.0019	.0267	.0033	.0007	.0003	.0065	.0004	.0009
%RSD	173.3	303.1	20.74	211.1	486.6	150.7	24.60	30.23	78.93	1266.
#1	.0001	.0005	.0094	.0035	-.0022	.0001	.0013	.0146	.0008	-.0006
#2	.0006	.0002	.0109	-.0083	.0043	-.0002	.0011	.0275	.0006	.0010
#3	-.0001	-.0003	.0071	.0427	-.0001	-.0012	.0008	.0225	.0001	-.0006

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014	.0019	.0256	-.0000	.0002	.0005	.0007	.0004	.0006
Stddev	.0021	.0009	.0025	.0004	.0001	.0004	.0018	.0000	.0001
%RSD	142.9	46.25	9.874	1682.	70.94	70.88	242.3	3.690	22.14
#1	-.0001	.0017	.0277	.0000	.0001	.0007	.0016	.0005	.0007
#2	.0038	.0028	.0264	.0004	.0001	.0001	-.0013	.0004	.0006
#3	.0006	.0011	.0228	-.0004	.0004	.0007	.0019	.0004	.0004

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3968.8	64987.	5833.2
Stddev	12.9	242.	85.6
%RSD	.32628	.37240	1.4671
#1	3983.6	64784.	5845.4
#2	3959.6	64923.	5912.0
#3	3963.2	65255.	5742.1

Sample Name: L1807747-16,T Acquired: 3/10/2018 8:34:34 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060	203.3	.2899	.0407	1.246	.0038	.0207	45.66	.0227	.1568
Stddev	.0002	.5	.0014	.0016	.005	.0003	.0014	.12	.0001	.0002
%RSD	3.525	.2218	.4869	3.879	.3693	7.700	6.857	.2674	.3880	.1024

#1	.0058	203.3	.2909	.0411	1.244	.0037	.0216	45.64	.0226	.1568
#2	.0060	202.9	.2883	.0389	1.243	.0036	.0214	45.55	.0227	.1567
#3	.0062	203.8	.2905	.0420	1.252	.0042	.0191	45.79	.0228	.1570

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6721	.9459	398.7	14.27	51.40	8.687	.0347	7.552	.2123	3.615
Stddev	.0019	.0015	.5	.03	.30	.006	.0001	.013	.0003	.004
%RSD	.2765	.1556	.1314	.2321	.5876	.0700	.4259	.1653	.1377	.1033

#1	.6707	.9461	398.9	14.27	51.62	8.691	.0349	7.550	.2127	3.612
#2	.6715	.9444	398.2	14.23	51.52	8.680	.0347	7.541	.2121	3.615
#3	.6742	.9473	399.2	14.30	51.06	8.690	.0346	7.566	.2123	3.619

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0546	.0238	12.75	.0940	.7458	7.393	-.0076	.6107	2.148
Stddev	.0006	.0029	.03	.0022	.0026	.027	.0019	.0015	.005
%RSD	1.176	12.26	.2400	2.340	.3538	.3612	25.13	.2398	.2166

#1	.0543	.0229	12.73	.0946	.7452	7.379	-.0088	.6094	2.146
#2	.0542	.0270	12.74	.0915	.7435	7.424	-.0054	.6104	2.145
#3	.0554	.0214	12.79	.0958	.7487	7.377	-.0085	.6123	2.153

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4511.2	74402.	7127.1
Stddev	16.8	340.	38.2
%RSD	.37173	.45744	.53613

#1	4508.8	74743.	7105.0
#2	4529.1	74400.	7105.0
#3	4495.8	74062.	7171.2

Sample Name: L1807747-17,T Acquired: 3/10/2018 8:39:13 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130	114.0	.2348	.2385	13.09	.0062	.0546	41.59	.0831	.2228
Stddev	.0004	.1	.0051	.0007	.19	.0000	.0032	.07	.0001	.0002
%RSD	2.868	.0772	2.176	.2793	1.460	.1617	5.898	.1581	.1152	.0873

#1	.0127	114.1	.2407	.2378	12.87	.0062	.0519	41.52	.0830	.2227
#2	.0128	114.1	.2319	.2388	13.22	.0062	.0581	41.60	.0830	.2230
#3	.0134	113.9	.2317	.2391	13.18	.0062	.0536	41.65	.0832	.2226

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.57	9.066	1119.	7.575	29.45	10.44	.6261	11.22	9.813	6.513
Stddev	.01	.017	1.	.019	.14	.01	.0016	.06	.016	.020
%RSD	.0678	.1903	.1171	.2478	.4828	.1263	.2549	.4904	.1643	.3020

#1	10.56	9.075	1120.	7.593	29.28	10.44	.6255	11.23	9.798	6.499
#2	10.58	9.076	1117.	7.576	29.51	10.46	.6249	11.27	9.811	6.504
#3	10.57	9.046	1120.	7.555	29.54	10.44	.6279	11.16	9.830	6.536

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0172	.0535	13.30	1.016	.2997	4.100	.0126	.2535	15.58
Stddev	.0005	.0061	.02	.004	.0003	.004	.0013	.0002	.01
%RSD	2.696	11.37	.1342	.3730	.1062	.1049	10.50	.0767	.0947

#1	-.0175	.0593	13.29	1.012	.2994	4.096	.0118	.2537	15.57
#2	-.0175	.0540	13.28	1.015	.2996	4.105	.0141	.2536	15.59
#3	-.0167	.0472	13.32	1.020	.3000	4.100	.0119	.2533	15.59

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4040.5	68436.	6622.5
Stddev	6.6	101.	34.9
%RSD	.16313	.14786	.52756

#1	4047.6	68500.	6662.9
#2	4034.5	68319.	6601.6
#3	4039.5	68489.	6603.2

Sample Name: L1807747-18,T Acquired: 3/10/2018 8:44:05 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0007	152.7	.1147	.0074	.4344	.0020	-.0003	48.99	.0102	.1779
Stddev	.0007	.2	.0019	.0006	.0003	.0000	.0025	.03	.0000	.0006
%RSD	94.09	.1002	1.700	7.923	.0752	1.642	913.6	.0612	.4410	.3290

#1	-.0008	152.6	.1150	.0070	.4341	.0021	.0024	48.99	.0102	.1777
#2	-.0000	152.6	.1127	.0080	.4347	.0021	-.0006	48.96	.0101	.1774
#3	-.0013	152.9	.1165	.0071	.4345	.0020	-.0026	49.02	.0102	.1785

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2368	.4928	333.2	24.25	73.27	7.625	.0082	36.67	.1944	.1826
Stddev	.0005	.0005	.1	.03	.42	.006	.0002	.02	.0006	.0021
%RSD	.2125	.1011	.0229	.1126	.5724	.0804	2.860	.0568	.3206	1.160

#1	.2362	.4932	333.2	24.27	73.57	7.619	.0085	36.69	.1939	.1839
#2	.2371	.4929	333.2	24.22	72.79	7.625	.0081	36.65	.1942	.1802
#3	.2371	.4922	333.3	24.27	73.44	7.631	.0080	36.68	.1951	.1838

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0398	.0073	8.124	-.0043	.1263	7.577	-.0091	.5055	.7912
Stddev	.0024	.0041	.006	.0012	.0004	.045	.0007	.0015	.0011
%RSD	6.011	55.96	.0758	28.99	.3540	.5893	7.275	.3034	.1404

#1	-.0371	.0027	8.123	-.0057	.1260	7.554	-.0087	.5062	.7906
#2	-.0409	.0087	8.119	-.0033	.1268	7.548	-.0087	.5038	.7905
#3	-.0415	.0105	8.131	-.0039	.1261	7.628	-.0098	.5066	.7925

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4530.0	72381.	6838.1
Stddev	4.3	189.	39.7
%RSD	.09387	.26109	.58069

#1	4530.8	72299.	6808.2
#2	4533.8	72597.	6883.2
#3	4525.4	72247.	6823.0

Sample Name: L1807747-19,T Acquired: 3/10/2018 8:48:42 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033	182.7	.2662	.0218	1.543	.0071	.0096	55.33	.0158	.1574
Stddev	.0006	1.0	.0029	.0004	.007	.0001	.0005	.30	.0001	.0001
%RSD	16.83	.5234	1.107	1.968	.4406	1.362	4.994	.5381	.7397	.0934

#1	.0027	181.8	.2696	.0214	1.537	.0072	.0098	55.00	.0159	.1573
#2	.0036	182.5	.2647	.0219	1.541	.0070	.0091	55.43	.0157	.1573
#3	.0036	183.7	.2643	.0222	1.551	.0070	.0100	55.57	.0158	.1576

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6606	1.135	340.7	16.54	60.58	7.734	.0228	60.15	.3245	4.969
Stddev	.0012	.001	2.1	.09	.60	.039	.0002	.31	.0011	.007
%RSD	.1826	.0940	.6243	.5600	.9952	.5093	.9946	.5149	.3291	.1458

#1	.6616	1.135	338.6	16.47	60.05	7.700	.0225	59.96	.3237	4.970
#2	.6609	1.136	340.8	16.51	60.46	7.725	.0230	59.99	.3240	4.961
#3	.6593	1.134	342.8	16.65	61.24	7.777	.0228	60.51	.3257	4.976

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043	.0203	9.671	.0908	.4639	5.170	-.0044	.4910	1.837
Stddev	.0012	.0019	.028	.0005	.0022	.004	.0014	.0012	.004
%RSD	27.33	9.540	.2910	.5745	.4803	.0872	30.76	.2492	.2212

#1	.0053	.0207	9.664	.0913	.4619	5.167	-.0060	.4896	1.837
#2	.0030	.0221	9.647	.0903	.4634	5.176	-.0036	.4917	1.833
#3	.0045	.0182	9.702	.0909	.4663	5.169	-.0037	.4917	1.841

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4436.0	70523.	6738.5
Stddev	10.7	294.	65.8
%RSD	.24173	.41709	.97669

#1	4435.7	70619.	6806.3
#2	4446.8	70193.	6734.5
#3	4425.4	70757.	6674.8

Sample Name: XXL1807867-01,T Acquired: 3/10/2018 8:53:10 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.0001	.0670	.0010	.0187	.0212	-0.0000	-0.0010	34.07	-0.0001	.0003
Stddev	.0007	.0042	.0020	.0003	.0002	.0000	.0005	.08	.0000	.0001
%RSD	735.7	6.225	195.6	1.708	1.166	92.06	50.53	.2331	42.26	45.32

#1	-0.0002	.0681	.0033	.0190	.0210	-0.0000	-0.0013	34.05	-0.0001	.0001
#2	-0.0007	.0705	.0004	.0184	.0214	-0.0000	-0.0004	34.16	-0.0000	.0003
#3	.0007	.0624	-0.0006	.0188	.0214	-0.0001	-0.0012	34.00	-0.0001	.0004

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	.0022	.1096	1.643	8.800	.0039	.0010	12.35	.0009	-0.0008
Stddev	.0002	.0002	.0008	.021	.048	.0006	.0002	.09	.0001	.0013
%RSD	67.75	8.549	.7572	1.273	.5464	15.33	20.79	.7257	10.75	169.0

#1	.0001	.0022	.1104	1.642	8.777	.0032	.0009	12.24	.0008	-0.0005
#2	.0004	.0024	.1087	1.623	8.855	.0040	.0009	12.40	.0010	.0004
#3	.0006	.0021	.1097	1.665	8.767	.0044	.0013	12.40	.0009	-0.0022

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	-0.0003	.6119	-0.0004	.1415	.0033	.0001	.0003	.0035
Stddev	.0015	.0048	.0061	.0011	.0001	.0002	.0006	.0001	.0000
%RSD	3713.	1521.	.9991	276.0	.0639	5.282	610.6	24.16	1.089

#1	.0017	-0.0054	.6183	-0.0014	.1416	.0033	.0007	.0004	.0035
#2	-0.0013	.0042	.6114	.0008	.1414	.0035	.0002	.0004	.0036
#3	-0.0002	.0003	.6061	-0.0006	.1416	.0031	-0.0005	.0002	.0036

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4060.6	65052.	5889.2
Stddev	17.2	88.	25.2
%RSD	.42287	.13492	.42787

#1	4077.2	65073.	5898.5
#2	4061.8	64955.	5860.7
#3	4042.9	65126.	5908.5

Sample Name: XXL1807867-02,T Acquired: 3/10/2018 8:57:48 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.0005	.3010	.0001	.0170	.0254	-0.0001	-0.0008	35.65	.0001	.0007
Stddev	.0005	.0016	.0025	.0007	.0001	.0001	.0005	.10	.0000	.0000
%RSD	115.0	.5398	2392.	4.104	.5017	97.97	65.62	.2772	33.10	6.619

#1	-0.0004	.3020	-0.0017	.0174	.0253	.0000	-0.0006	35.77	.0001	.0007
#2	-0.0000	.3019	.0030	.0174	.0255	-0.0001	-0.0014	35.59	.0001	.0006
#3	-0.0011	.2991	-0.0010	.0162	.0254	-0.0002	-0.0004	35.61	.0001	.0007

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014	.0034	4.071	2.988	6.175	.1261	.0005	150.1	.0012	.0038
Stddev	.0005	.0003	.011	.020	.009	.0003	.0002	.6	.0003	.0010
%RSD	32.25	9.219	.2702	.6830	.1464	.2268	44.23	.4320	23.81	27.64

#1	.0014	.0034	4.075	3.004	6.184	.1260	.0003	150.8	.0015	.0047
#2	.0010	.0038	4.079	2.994	6.175	.1258	.0007	149.5	.0009	.0027
#3	.0019	.0031	4.058	2.965	6.166	.1264	.0005	150.0	.0012	.0040

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.0017	-0.0005	3.148	-0.0002	.1054	.0073	.0011	.0012	.0233
Stddev	.0015	.0019	.002	.0007	.0004	.0002	.0015	.0002	.0001
%RSD	88.64	358.5	.0655	325.0	.3925	2.276	136.0	18.76	.2385

#1	-0.0034	.0004	3.149	-0.0001	.1059	.0074	.0026	.0014	.0234
#2	-0.0004	-0.0027	3.146	-0.0010	.1053	.0074	-0.0004	.0011	.0233
#3	-0.0013	.0007	3.150	.0004	.1050	.0072	.0012	.0010	.0233

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3970.6	62928.	5884.2
Stddev	11.4	63.	3.6
%RSD	.28663	.09998	.06083

#1	3983.7	62958.	5883.3
#2	3963.2	62856.	5888.2
#3	3964.9	62971.	5881.2

Sample Name: XXL1807655-01,T Acquired: 3/10/2018 9:02:24 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0792	.0019	.1339	.0347	-.0001	.0012	93.66	-.0001	.0005
Stddev	.0008	.0039	.0010	.0005	.0001	.0001	.0014	.24	.0000	.0001
%RSD	323.8	4.948	50.85	.3589	.2622	71.03	117.1	.2608	41.06	14.44

#1	.0011	.0749	.0008	.1334	.0347	-.0002	.0024	93.78	-.0000	.0004
#2	.0000	.0827	.0025	.1344	.0346	-.0000	.0013	93.82	-.0001	.0004
#3	-.0004	.0799	.0025	.1338	.0347	-.0001	-.0003	93.38	-.0001	.0005

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	.0071	.1839	5.957	15.18	.0970	.0018	157.6	.0011	.0018
Stddev	.0002	.0003	.0035	.071	.08	.0007	.0001	1.0	.0005	.0011
%RSD	18.74	4.613	1.922	1.185	.5114	.7463	5.710	.6171	41.99	60.69

#1	.0010	.0069	.1873	5.912	15.22	.0969	.0017	158.2	.0015	.0008
#2	.0013	.0069	.1803	6.038	15.23	.0977	.0019	158.1	.0006	.0016
#3	.0009	.0075	.1842	5.921	15.09	.0963	.0017	156.5	.0011	.0029

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0004	.0030	4.694	-.0009	.3304	.0049	.0009	.0014	.0100
Stddev	.0010	.0038	.023	.0005	.0004	.0006	.0027	.0000	.0001
%RSD	230.1	128.9	.4993	63.46	.1352	11.52	305.7	2.737	.8200

#1	-.0016	.0041	4.680	-.0013	.3306	.0045	.0039	.0013	.0100
#2	.0003	-.0013	4.680	-.0010	.3299	.0056	-.0009	.0014	.0100
#3	.0000	.0062	4.721	-.0003	.3307	.0048	-.0005	.0014	.0099

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3892.7	62431.	5836.4
Stddev	1.8	150.	34.4
%RSD	.04586	.24050	.58962

#1	3893.3	62418.	5820.3
#2	3894.1	62287.	5812.9
#3	3890.7	62587.	5875.9

Sample Name: WG1094000-1,C Acquired: 3/10/2018 9:07:05 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment: 3/14

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0128	-.0003	.0045	.0014	-.0002	-.0005	.3215	-.0001	.0003
Stddev	.0008	.0060	.0049	.0003	.0002	.0002	.0009	.0028	.0001	.0002
%RSD	2100.	46.60	1529.	5.976	13.23	108.4	177.0	.8704	75.74	50.10

#1	.0009	.0062	.0006	.0048	.0013	.0001	-.0011	.3183	-.0001	.0003
#2	-.0007	.0179	-.0056	.0042	.0013	-.0003	.0006	.3232	-.0000	.0005
#3	-.0001	.0143	.0041	.0044	.0016	-.0003	-.0010	.3230	-.0001	.0002

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0006	.0074	.0432	.1020	.0001	.0009	149.9	.0003	-.0009
Stddev	.0008	.0001	.0020	.0418	.0019	.0001	.0002	.7	.0001	.0014
%RSD	1123.	18.86	26.57	96.79	1.907	114.7	27.24	.4594	21.48	155.2

#1	.0010	.0008	.0077	-.0025	.1042	.0000	.0011	150.5	.0002	-.0023
#2	-.0002	.0006	.0092	.0795	.1013	.0001	.0007	149.9	.0003	.0006
#3	-.0006	.0005	.0053	.0525	.1004	.0002	.0008	149.2	.0002	-.0011

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0013	.0015	.0431	.0011	.0005	.0011	.0004	.0004	.0049
Stddev	.0016	.0013	.0008	.0007	.0003	.0007	.0005	.0001	.0000
%RSD	119.3	87.66	1.952	63.40	63.57	62.37	129.1	31.64	1.022

#1	-.0028	.0000	.0439	.0016	.0001	.0008	.0009	.0002	.0048
#2	-.0016	.0025	.0422	.0003	.0007	.0006	.0004	.0005	.0049
#3	.0004	.0019	.0433	.0013	.0007	.0019	-.0001	.0004	.0049

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3799.2	61798.	5764.6
Stddev	1.5	216.	35.8
%RSD	.03910	.34897	.62170

#1	3797.5	61719.	5737.7
#2	3800.3	61633.	5750.9
#3	3799.7	62042.	5805.3

Sample Name: WG1094000-2,C Acquired: 3/10/2018 9:11:45 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0468	2.209	.1256	1.055	1.918	.0518	-.0026	11.44	.0522	.4694
Stddev	.0005	.012	.0043	.002	.003	.0001	.0012	.05	.0002	.0013
%RSD	1.045	.5381	3.437	.2175	.1788	.1872	48.30	.4073	.3486	.2864

#1	.0472	2.196	.1228	1.053	1.914	.0518	-.0040	11.38	.0522	.4685
#2	.0463	2.213	.1234	1.055	1.919	.0516	-.0019	11.47	.0520	.4689
#3	.0470	2.218	.1306	1.058	1.920	.0518	-.0018	11.46	.0524	.4710

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1970	.2483	1.223	10.57	9.560	.5361	1.006	152.1	.4721	.4938
Stddev	.0009	.0002	.002	.04	.039	.0017	.003	1.0	.0008	.0012
%RSD	.4807	.0724	.1500	.3359	.4088	.3198	.2784	.6770	.1748	.2429

#1	.1962	.2485	1.224	10.58	9.575	.5342	1.005	153.3	.4723	.4947
#2	.1968	.2482	1.225	10.53	9.589	.5365	1.004	151.6	.4712	.4924
#3	.1981	.2481	1.221	10.60	9.516	.5375	1.009	151.4	.4728	.4942

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5073	.1255	.8087	1.004	.9776	1.035	.1066	.5070	.5044
Stddev	.0022	.0045	.0015	.001	.0019	.002	.0016	.0003	.0007
%RSD	.4349	3.553	.1851	.0556	.1916	.1467	1.545	.0591	.1352

#1	.5085	.1221	.8084	1.004	.9756	1.034	.1082	.5072	.5049
#2	.5048	.1240	.8074	1.004	.9792	1.034	.1067	.5067	.5036
#3	.5087	.1306	.8104	1.003	.9781	1.037	.1049	.5072	.5046

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3798.9	61999.	5889.3
Stddev	5.0	275.	19.0
%RSD	.13110	.44302	.32333

#1	3797.3	62316.	5888.1
#2	3804.4	61856.	5870.9
#3	3794.8	61827.	5908.9

Sample Name: L1806872-01,C Acquired: 3/10/2018 9:16:18 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0007	.2674	.0002	.0469	.0178	.0000	.0003	55.56	.0054	.0021
Stddev	.0004	.0079	.0021	.0004	.0001	.0000	.0010	.38	.0000	.0002
%RSD	64.31	2.951	993.0	.8629	.6343	160.4	294.0	.6835	.8150	8.521

#1	-.0010	.2664	.0001	.0466	.0178	.0001	.0003	55.23	.0054	.0021
#2	-.0008	.2757	.0023	.0473	.0180	-.0000	-.0006	55.98	.0053	.0019
#3	-.0002	.2600	-.0019	.0467	.0178	.0000	.0014	55.47	.0054	.0023

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147	.1056	.0913	2.992	3.838	.1238	.0057	169.3	.0147	.0026
Stddev	.0002	.0003	.0001	.031	.051	.0007	.0001	1.6	.0001	.0006
%RSD	1.216	.3015	.1076	1.042	1.319	.5581	1.476	.9387	.4610	22.66

#1	.0145	.1053	.0912	2.984	3.780	.1230	.0057	167.5	.0147	.0030
#2	.0147	.1055	.0912	3.026	3.874	.1244	.0056	170.3	.0148	.0029
#3	.0149	.1060	.0914	2.966	3.859	.1240	.0058	170.2	.0147	.0019

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017	.0017	7.974	.0023	.1763	.0078	-.0014	.0061	.2540
Stddev	.0007	.0031	.013	.0005	.0006	.0002	.0026	.0002	.0004
%RSD	42.32	181.1	.1636	20.30	.3153	2.169	178.3	3.122	.1433

#1	.0013	-.0008	7.984	.0028	.1761	.0077	-.0031	.0059	.2539
#2	.0013	.0052	7.959	.0022	.1770	.0080	.0015	.0063	.2544
#3	.0026	.0007	7.978	.0019	.1760	.0077	-.0027	.0060	.2537

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3806.1	60853.	5739.3
Stddev	2.1	145.	55.4
%RSD	.05635	.23755	.96463

#1	3807.3	60981.	5802.2
#2	3807.4	60881.	5697.9
#3	3803.6	60696.	5717.8

Sample Name: CCV Acquired: 3/10/2018 9:21:04 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5307	F .5851	.5199	.4957	.5246	.5493	.4801	F .5578	.5057	.4970
Stddev	.0019	.0102	.0028	.0010	.0020	.0024	.0008	.0026	.0005	.0005
%RSD	.3627	1.737	.5333	.2006	.3723	.4377	.1708	.4747	.1049	.1033
#1	.5287	.5736	.5166	.4965	.5226	.5473	.4796	.5577	.5056	.4965
#2	.5326	.5930	.5214	.4946	.5249	.5485	.4795	.5604	.5052	.4970
#3	.5308	.5886	.5215	.4959	.5264	.5519	.4810	.5551	.5063	.4975

Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Fail	Chk Pass	Chk Pass
High Limit		.5524						.5524		
Low Limit		.4476						.4476		

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5064	.4991	F .6300	F 5.711	.5407	F .6101	.5045	F 11.52	.5046	.5119
Stddev	.0011	.0010	.0054	.033	.0056	.0027	.0008	.08	.0010	.0027
%RSD	.2103	.1988	.8496	.5804	1.036	.4385	.1556	.7369	.1988	.5241
#1	.5074	.4982	.6348	5.673	.5385	.6079	.5041	11.46	.5038	.5129
#2	.5053	.4989	.6309	5.726	.5366	.6094	.5039	11.48	.5042	.5089
#3	.5064	.5001	.6242	5.735	.5471	.6131	.5054	11.62	.5057	.5140

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			.5524	5.524		.5524		11.05		
Low Limit			.4476	4.476		.4476		8.952		

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5165	.4945	5.347	.5099	.4909	.5024	.4999	.5340	.4943
Stddev	.0017	.0019	.011	.0028	.0008	.0006	.0020	.0015	.0003
%RSD	.3363	.3824	.1971	.5507	.1685	.1136	.3967	.2776	.0580
#1	.5175	.4939	5.339	.5082	.4902	.5023	.4976	.5324	.4940
#2	.5145	.4930	5.342	.5084	.4918	.5030	.5006	.5353	.4943
#3	.5175	.4966	5.359	.5131	.4908	.5018	.5014	.5345	.4946

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3964.1	64123.	5681.5
Stddev	2.9	227.	21.1
%RSD	.07192	.35431	.37203
#1	3962.9	64308.	5692.2
#2	3967.3	63869.	5695.1
#3	3961.9	64190.	5657.1

Sample Name: CCB Acquired: 3/10/2018 9:25:33 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0000	.0037	-.0008	.0012	.0001	.0001	.0013	.0034	.0002	.0003
Stddev	.0005	.0120	.0018	.0003	.0004	.0001	.0010	.0074	.0000	.0003
%RSD	6062.	326.6	231.6	22.96	403.3	68.14	79.12	218.9	4.013	107.2
#1	.0002	-.0091	.0013	.0012	.0001	.0000	.0005	-.0002	.0002	.0002
#2	-.0006	.0054	-.0017	.0009	-.0003	.0002	.0010	-.0016	.0002	.0000
#3	.0004	.0148	-.0019	.0014	.0005	.0001	.0025	.0120	.0002	.0006

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **None** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0008	.0047	.0487	.0003	.0001	.0008	.0100	.0003	-.0006
Stddev	.0003	.0003	.0020	.0216	.0023	.0007	.0002	.0173	.0002	.0014
%RSD	120.4	41.78	42.81	44.43	663.8	529.5	20.12	172.9	71.65	222.8
#1	.0001	.0011	.0028	.0494	.0015	.0009	.0010	-.0038	.0005	-.0001
#2	.0001	.0006	.0067	.0267	-.0023	.0000	.0008	.0044	.0001	-.0022
#3	.0006	.0005	.0045	.0699	.0018	-.0005	.0006	.0294	.0005	.0005

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015	.0002	.0206	.0011	.0002	.0001	-.0015	.0003	.0011
Stddev	.0015	.0015	.0016	.0007	.0001	.0002	.0016	.0003	.0002
%RSD	96.32	668.6	7.611	58.59	54.91	196.6	105.9	110.3	14.14
#1	.0032	-.0013	.0220	.0018	.0001	.0003	.0003	.0004	.0010
#2	.0008	.0018	.0189	.0012	.0003	.0001	-.0025	.0005	.0013
#3	.0005	.0002	.0208	.0004	.0002	-.0001	-.0025	-.0001	.0011

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3983.8	63780.	5667.4
Stddev	10.8	79.	56.4
%RSD	.27049	.12395	.99434
#1	3990.6	63696.	5603.8
#2	3989.3	63792.	5711.3
#3	3971.3	63852.	5687.1

Sample Name: Std 0 Acquired: 3/10/2018 9:43:39 Type: Cal
 Method: Trace_5_E200.7_SW6010(v105) Mode: IR Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0000	.0003	-.0004	.0009	-.0030	.0034	.0008	-.0000	.0014	.0006
Stddev	.0002	.0011	.0002	.0003	.0018	.0004	.0003	.0003	.0002	.0001
%RSD	791.7	378.2	45.49	35.16	60.74	11.45	32.93	5664.	16.79	8.303

#1	.0001	-.0010	-.0002	.0011	-.0044	.0036	.0008	-.0000	.0012	.0006
#2	.0002	.0006	-.0004	.0005	-.0010	.0030	.0010	.0003	.0013	.0006
#3	-.0002	.0013	-.0005	.0011	-.0036	.0037	.0005	-.0003	.0016	.0007

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0003	.0043	.0003	-.0008	.0007	-.0003	.0000	-.0118	.0008	-.0025
Stddev	.0001	.0001	.0003	.0015	.0006	.0002	.0001	.0012	.0005	.0004
%RSD	20.08	3.307	88.16	175.2	85.41	65.02	437.1	10.57	61.37	17.39

#1	-.0002	.0041	.0002	-.0025	.0000	-.0001	.0000	-.0107	.0002	-.0021
#2	-.0003	.0042	.0006	-.0005	.0012	-.0004	-.0001	-.0115	.0010	-.0029
#3	-.0003	.0044	.0001	.0004	.0008	-.0003	.0001	-.0131	.0012	-.0025

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0008	-.0001	.0043	-.0001	-.0088	-.0008	-.0004	.0000	.0008
Stddev	.0002	.0001	.0001	.0001	.0002	.0001	.0001	.0001	.0001
%RSD	21.74	166.0	2.966	56.10	1.795	14.12	30.84	1355.	18.63

#1	-.0007	-.0001	.0044	-.0001	-.0089	-.0007	-.0006	-.0001	.0008
#2	-.0006	-.0002	.0041	-.0002	-.0089	-.0009	-.0004	.0001	.0006
#3	-.0010	.0001	.0042	-.0000	-.0086	-.0007	-.0003	.0000	.0009

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3966.3	64177.	5663.6
Stddev	2.8	184.	14.9
%RSD	.07174	.28745	.26333

#1	3965.0	64385.	5680.5
#2	3969.6	64036.	5657.6
#3	3964.4	64109.	5652.5

Sample Name: ICAL Acquired: 3/10/2018 9:52:34 Type: Cal
 Method: Trace_5_E200.7_SW6010(v105) Mode: IR Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.3216	.1355	.0725	.4198	7.654	3.887	.1901	.0708	3.728	1.199
Stddev	.0007	.0011	.0001	.0009	.052	.023	.0002	.0007	.008	.003
%RSD	.2097	.8453	.1317	.2255	.6857	.5867	.1267	.9853	.2056	.2161

#1	.3212	.1366	.0725	.4192	7.710	3.912	.1899	.0714	3.725	1.197
#2	.3212	.1355	.0724	.4193	7.606	3.867	.1900	.0700	3.722	1.198
#3	.3224	.1343	.0726	.4209	7.645	3.882	.1903	.0711	3.736	1.202

Elem	Cr2677	Cu3247	Fe2599	Mg2790	Mn2576R	Mo2020	Ni2316	Pb2203	Sb2068	Se1960
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1896	.4690	.1016	.2680	.6416	.5919	.8175	.2874	.0940	.0687
Stddev	.0005	.0008	.0005	.0006	.0041	.0017	.0022	.0003	.0006	.0003
%RSD	.2540	.1783	.4658	.2388	.6341	.2909	.2679	.0961	.6844	.4230

#1	.1894	.4680	.1018	.2685	.6440	.5900	.8169	.2875	.0935	.0686
#2	.1892	.4697	.1011	.2673	.6369	.5925	.8157	.2870	.0938	.0685
#3	.1901	.4692	.1020	.2682	.6439	.5933	.8200	.2876	.0948	.0690

Elem	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1477	.1480	6.304	.4330	.0929	.3469	1.395
Stddev	.0003	.0002	.037	.0008	.0003	.0005	.003
%RSD	.2053	.1597	.5916	.1809	.3350	.1308	.2438

#1	.1480	.1479	6.345	.4321	.0926	.3468	1.393
#2	.1477	.1479	6.272	.4335	.0929	.3466	1.393
#3	.1474	.1483	6.297	.4334	.0932	.3474	1.399

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4041.3	64740.	5782.0
Stddev	8.7	165.	28.8
%RSD	.21419	.25433	.49853

#1	4046.7	64865.	5794.9
#2	4045.9	64801.	5802.2
#3	4031.3	64553.	5749.0

Sample Name: Std Al Fe K Na Si Acquired: 3/10/2018 9:56:59 Type: Cal
 Method: Trace_5_E200.7_SW6010(v105) Mode: IR Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Al3961	Fe2599	K_7664	Na5895	Si2124
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.143	2.490	1.428	3.765	1.883
Stddev	.006	.004	.005	.020	.004
%RSD	.1890	.1632	.3591	.5322	.1941

#1	3.139	2.487	1.426	3.744	1.881
#2	3.150	2.494	1.434	3.785	1.881
#3	3.142	2.487	1.425	3.766	1.888

Int. Std.	Y_2243	Y_3710
Units	Cts/S	Cts/S
Avg	4031.2	5791.2
Stddev	4.8	34.8
%RSD	.12002	.60089

#1	4036.8	5806.2
#2	4028.8	5751.5
#3	4028.0	5816.1

Sample Name: Std Ca Mg Si Acquired: 3/10/2018 10:01:38 Type: Cal
 Method: Trace_5_E200.7_SW6010(v105) Mode: IR Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ca3158	Mg2790	Si2124
Units	Cts/S	Cts/S	Cts/S
Avg	.6866	2.595	.9461
Stddev	.0016	.021	.0013
%RSD	.2296	.8288	.1401

#1	.6856	2.595	.9460
#2	.6857	2.616	.9448
#3	.6884	2.573	.9474

Int. Std.	Y_2243	Y_3710
Units	Cts/S	Cts/S
Avg	4072.7	6013.4
Stddev	13.0	36.4
%RSD	.31973	.60503

#1	4067.7	6011.0
#2	4087.5	5978.4
#3	4062.9	6051.0

Sample Name: ICV Acquired: 3/10/2018 10:06:17 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4785	W .5316	.5152	.5087	.5007	.4875	.4972	.5121	.5010	.5116
Stddev	.0012	.0034	.0011	.0013	.0016	.0006	.0020	.0125	.0005	.0011
%RSD	.2566	.6345	.2153	.2521	.3105	.1158	.3947	2.441	.0939	.2192
#1	.4776	.5277	.5141	.5093	.4989	.4870	.4985	.5067	.5005	.5105
#2	.4799	.5332	.5153	.5073	.5019	.4881	.4949	.5264	.5011	.5114
#3	.4781	.5338	.5163	.5096	.5012	.4874	.4981	.5032	.5014	.5128

Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit		.5274								
Low Limit		.4726								

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5051	.5078	.5086	4.765	.4945	.4859	.5012	W 9.304	.5015	.5118
Stddev	.0013	.0010	.0041	.008	.0037	.0003	.0017	.011	.0017	.0005
%RSD	.2651	.2034	.8135	.1722	.7577	.0705	.3333	.1222	.3300	.1046
#1	.5040	.5080	.5039	4.770	.4906	.4856	.5001	9.293	.4999	.5116
#2	.5049	.5087	.5100	4.770	.4981	.4860	.5005	9.303	.5014	.5125
#3	.5066	.5066	.5118	4.756	.4948	.4862	.5032	9.315	.5032	.5114

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass
High Limit								10.55		
Low Limit								9.452		

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5143	.5082	5.182	.5063	.4905	.4987	.5028	.5062	.4977
Stddev	.0027	.0029	.015	.0020	.0013	.0005	.0025	.0002	.0008
%RSD	.5154	.5634	.2873	.3880	.2606	.0995	.4954	.0450	.1595
#1	.5138	.5049	5.174	.5046	.4890	.4984	.5045	.5063	.4975
#2	.5120	.5103	5.173	.5058	.4915	.4985	.5039	.5064	.4986
#3	.5172	.5093	5.199	.5084	.4910	.4993	.4999	.5060	.4971

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3943.3	64902.	5961.5
Stddev	4.1	94.	26.2
%RSD	.10399	.14499	.43899
#1	3941.3	65010.	5990.8
#2	3940.6	64861.	5952.9
#3	3948.0	64835.	5940.6

Sample Name: ICB Acquired: 3/10/2018 10:10:47 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	.0031	.0012	.0007	.0002	.0003	-.0007	.0055	.0003	.0001
Stddev	.0004	.0053	.0021	.0001	.0002	.0001	.0009	.0033	.0000	.0002
%RSD	42.70	171.6	174.6	12.42	68.96	30.59	118.6	60.55	6.367	183.6
#1	.0014	-.0014	.0022	.0006	.0002	.0003	-.0010	.0082	.0003	-.0001
#2	.0006	.0017	.0026	.0008	.0004	.0004	.0002	.0064	.0003	.0002
#3	.0009	.0090	-.0012	.0008	.0001	.0002	-.0014	.0018	.0003	.0003

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0004	.0008	.0105	.0035	-.0000	.0009	.0096	-.0004	.0007
Stddev	.0002	.0001	.0031	.0139	.0020	.0006	.0002	.0116	.0003	.0008
%RSD	37.06	27.43	404.7	133.1	55.92	4115.	18.43	120.3	66.00	112.2
#1	.0003	.0004	.0016	.0081	.0040	-.0006	.0011	.0077	-.0005	.0005
#2	.0006	.0005	-.0027	.0254	.0014	.0001	.0010	.0221	-.0001	.0015
#3	.0004	.0003	.0033	-.0021	.0052	.0005	.0007	-.0009	-.0006	.0001

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028	-.0002	.0031	.0026	.0002	.0003	.0003	.0003	.0008
Stddev	.0011	.0012	.0013	.0004	.0000	.0003	.0007	.0004	.0001
%RSD	40.32	743.5	40.86	16.22	23.10	90.43	281.8	138.3	7.802
#1	.0035	-.0006	.0019	.0022	.0003	.0005	.0011	.0000	.0008
#2	.0035	-.0010	.0045	.0030	.0002	-.0000	-.0001	.0001	.0009
#3	.0015	.0012	.0030	.0026	.0002	.0005	-.0003	.0007	.0008

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3954.0	64469.	5746.8
Stddev	9.6	150.	18.6
%RSD	.24287	.23274	.32296
#1	3962.7	64310.	5755.0
#2	3955.6	64609.	5759.8
#3	3943.7	64487.	5725.5

Sample Name: ICV Acquired: 3/10/2018 10:27:36 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4996	W .5387	.5221	.5037	.5141	.5038	.4914	.5092	.5059	.5065
Stddev	.0013	.0102	.0016	.0036	.0011	.0015	.0014	.0059	.0015	.0018
%RSD	.2544	1.900	.3069	.7067	.2079	.2883	.2915	1.153	.2986	.3598
#1	.5002	.5486	.5239	.5013	.5139	.5046	.4915	.5113	.5048	.5054
#2	.4982	.5393	.5208	.5020	.5153	.5046	.4899	.5137	.5053	.5055
#3	.5005	.5282	.5215	.5078	.5132	.5021	.4928	.5026	.5076	.5086

Check ? Chk Pass Chk Warn Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
 High Limit .5274
 Low Limit .4726

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5068	.5065	.5179	5.162	.5265	.5127	.5048	10.07	.5049	.5132
Stddev	.0005	.0003	.0023	.004	.0046	.0019	.0024	.04	.0014	.0029
%RSD	.0908	.0614	.4431	.0852	.8727	.3629	.4660	.4155	.2779	.5659
#1	.5072	.5062	.5182	5.159	.5315	.5141	.5028	10.08	.5036	.5112
#2	.5070	.5068	.5155	5.160	.5225	.5133	.5042	10.10	.5046	.5119
#3	.5063	.5065	.5200	5.167	.5255	.5106	.5074	10.02	.5064	.5165

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5203	.5080	5.152	.5114	.4942	.5003	.5046	.5189	.4991
Stddev	.0022	.0019	.023	.0025	.0002	.0009	.0012	.0009	.0012
%RSD	.4292	.3739	.4517	.4843	.0478	.1806	.2392	.1825	.2385
#1	.5191	.5058	5.132	.5085	.4941	.5014	.5033	.5199	.4980
#2	.5190	.5093	5.145	.5128	.4945	.4997	.5049	.5181	.4990
#3	.5229	.5089	5.178	.5129	.4941	.5000	.5056	.5185	.5004

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3965.0	63959.	5746.5
Stddev	9.1	67.	35.5
%RSD	.22843	.10474	.61771
#1	3975.3	63896.	5711.1
#2	3961.6	64029.	5746.4
#3	3958.2	63951.	5782.1

Sample Name: ICB Acquired: 3/10/2018 10:32:06 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009	.0027	.0029	.0008	.0003	.0005	.0005	.0027	.0003	.0003
Stddev	.0003	.0043	.0018	.0002	.0002	.0001	.0012	.0026	.0000	.0003
%RSD	39.22	161.0	61.01	29.83	75.39	19.81	211.6	95.06	8.405	74.18
#1	.0007	-.0022	.0046	.0010	.0004	.0005	-.0008	-.0000	.0003	.0001
#2	.0013	.0044	.0011	.0008	.0000	.0005	.0012	.0031	.0004	.0006
#3	.0006	.0059	.0030	.0005	.0004	.0004	.0012	.0051	.0003	.0004

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	.0011	.0046	.0203	.0023	.0001	.0009	-.0000	-.0000	.0011
Stddev	.0004	.0003	.0009	.0546	.0041	.0004	.0001	.0144	.0003	.0019
%RSD	35.06	26.10	20.47	269.2	179.7	379.2	16.59	118100.	1601.	174.0
#1	.0007	.0014	.0052	-.0247	.0056	-.0002	.0010	-.0067	-.0004	.0025
#2	.0015	.0009	.0049	.0810	.0036	.0006	.0009	.0166	.0002	-.0011
#3	.0011	.0009	.0035	.0045	-.0023	-.0001	.0007	-.0099	.0001	.0018

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0005	.0027	.0026	.0022	.0002	.0004	-.0004	.0004	.0011
Stddev	.0025	.0010	.0005	.0004	.0001	.0002	.0015	.0003	.0001
%RSD	529.5	35.63	20.48	15.95	34.45	49.06	367.4	91.32	12.77
#1	.0014	.0034	.0030	.0025	.0002	.0002	.0008	.0000	.0013
#2	.0005	.0030	.0020	.0018	.0003	.0006	.0001	.0007	.0011
#3	-.0033	.0016	.0028	.0024	.0003	.0004	-.0021	.0004	.0010

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3953.5	64086.	5642.7
Stddev	11.0	285.	38.7
%RSD	.27735	.44438	.68558
#1	3956.5	64286.	5609.1
#2	3962.7	64211.	5685.0
#3	3941.4	63760.	5634.0

Sample Name: WG1095834-1,T Acquired: 3/10/2018 10:36:48 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment: RECAL

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0036	.0011	.0000	.0000	.0001	-.0001	.0111	-.0001	.0002
Stddev	.0005	.0068	.0020	.0005	.0001	.0001	.0000	.0024	.0000	.0001
%RSD	218.9	186.8	179.0	1780.	323.9	107.6	40.17	21.53	21.26	55.43

#1	.0005	.0105	.0022	.0002	.0001	.0000	-.0001	.0100	-.0001	.0003
#2	.0004	.0033	-.0012	.0004	.0002	.0001	-.0001	.0139	-.0002	.0001
#3	-.0003	-.0030	.0023	-.0005	-.0001	.0002	-.0001	.0095	-.0001	.0003

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	.0001	-.0006	-.0089	-.0009	.0003	.0002	.0066	.0002	-.0000
Stddev	.0002	.0002	.0033	.0255	.0028	.0003	.0001	.0057	.0002	.0002
%RSD	38.81	165.3	569.4	285.7	305.4	89.91	47.42	85.80	88.26	2790.

#1	.0008	.0000	.0030	.0127	-.0037	.0000	.0002	.0008	.0001	.0003
#2	.0004	.0004	-.0036	-.0025	.0019	.0005	.0003	.0121	.0001	-.0001
#3	.0005	-.0000	-.0011	-.0371	-.0009	.0004	.0001	.0069	.0004	-.0002

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	-.0008	-.0029	.0009	.0000	.0003	.0019	-.0002	.0002
Stddev	.0012	.0006	.0026	.0012	.0001	.0007	.0012	.0002	.0001
%RSD	5230.	72.69	87.35	133.1	361.8	258.1	63.19	89.77	39.20

#1	.0011	-.0015	-.0046	.0021	.0001	-.0005	.0025	.0000	.0002
#2	.0003	-.0004	.0000	.0007	-.0001	.0007	.0005	-.0003	.0004
#3	-.0013	-.0005	-.0042	-.0002	.0001	.0007	.0026	-.0002	.0002

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4028.6	67088.	6024.9
Stddev	136.7	153.	22.9
%RSD	3.3937	.22869	.38087

#1	4121.3	67139.	6048.3
#2	3871.6	67210.	6002.4
#3	4093.0	66916.	6024.0

Sample Name: WG1095834-2,T Acquired: 3/10/2018 10:41:29 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0487	2.104	.1293	1.042	1.895	.0477	-.0017	10.12	.0533	.4903
Stddev	.0004	.019	.0022	.004	.010	.0005	.0001	.07	.0001	.0011
%RSD	.9143	.9114	1.713	.3721	.5146	1.000	4.371	.7009	.2442	.2176

#1	.0485	2.126	.1271	1.040	1.907	.0482	-.0017	10.20	.0532	.4895
#2	.0493	2.097	.1315	1.040	1.888	.0473	-.0017	10.09	.0533	.4900
#3	.0485	2.090	.1291	1.047	1.892	.0475	-.0018	10.06	.0535	.4915

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1988	.2534	1.029	9.189	9.630	.4635	.9537	9.060	.4886	.5169
Stddev	.0014	.0005	.005	.158	.078	.0037	.0051	.050	.0018	.0017
%RSD	.7262	.1872	.4547	1.718	.8096	.7901	.5386	.5546	.3664	.3374

#1	.1998	.2539	1.034	9.371	9.719	.4678	.9492	9.118	.4887	.5158
#2	.1995	.2533	1.030	9.085	9.597	.4614	.9525	9.026	.4868	.5160
#3	.1972	.2529	1.024	9.112	9.574	.4614	.9593	9.037	.4904	.5189

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4875	.1330	.7300	.9655	.9494	.9803	.1201	.4896	.5161
Stddev	.0065	.0018	.0018	.0052	.0023	.0012	.0006	.0007	.0007
%RSD	1.332	1.357	.2468	.5372	.2456	.1253	.4667	.1403	.1436

#1	.4803	.1349	.7290	.9599	.9521	.9815	.1196	.4901	.5156
#2	.4893	.1313	.7290	.9665	.9480	.9803	.1207	.4900	.5157
#3	.4929	.1326	.7321	.9701	.9481	.9791	.1199	.4889	.5169

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4033.0	66015.	6037.6
Stddev	7.3	83.	44.4
%RSD	.18156	.12514	.73492

#1	4038.9	66017.	5986.8
#2	4024.8	65932.	6057.7
#3	4035.5	66097.	6068.5

Sample Name: L1807867-01,T Acquired: 3/10/2018 10:45:56 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.9941	.0083	.3177	.0232	.0001	.0005	48.83	.0000	.0009
Stddev	.0002	.0181	.0001	.0005	.0001	.0000	.0008	.06	.0000	.0001
%RSD	165.9	1.825	1.681	.1523	.4105	31.87	156.1	.1215	251.6	9.666

#1	.0003	.9790	.0082	.3171	.0232	.0001	.0009	48.82	.0000	.0009
#2	.0001	.9890	.0085	.3180	.0231	.0001	.0010	48.77	.0000	.0010
#3	-.0001	1.014	.0083	.3178	.0233	.0002	-.0004	48.89	-.0000	.0009

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0324	.0243	.8105	30.19	.3810	.0160	.1910	97.81	.0016	.0043
Stddev	.0011	.0001	.0010	.15	.0009	.0005	.0005	.48	.0004	.0007
%RSD	3.264	.2517	.1214	.5131	.2364	2.835	.2536	.4918	25.68	15.67

#1	.0332	.0243	.8117	30.01	.3808	.0155	.1905	97.26	.0020	.0043
#2	.0328	.0244	.8102	30.23	.3820	.0161	.1911	98.01	.0012	.0049
#3	.0312	.0243	.8098	30.31	.3802	.0163	.1915	98.16	.0016	.0036

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109	.0227	7.438	.0069	.3831	.0348	-.0004	.0451	.0106
Stddev	.0031	.0002	.017	.0013	.0004	.0004	.0013	.0003	.0001
%RSD	28.24	.7868	.2280	19.53	.0967	1.224	342.0	.6611	.9702

#1	.0127	.0229	7.423	.0083	.3828	.0346	-.0001	.0455	.0106
#2	.0127	.0225	7.434	.0067	.3829	.0352	.0008	.0450	.0107
#3	.0074	.0226	7.456	.0057	.3835	.0344	-.0018	.0449	.0105

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3959.2	63622.	5954.1
Stddev	13.9	265.	16.0
%RSD	.35136	.41711	.26788

#1	3961.6	63490.	5960.3
#2	3971.7	63928.	5966.1
#3	3944.2	63449.	5936.0

Sample Name: WG1095834-3,T Acquired: 3/10/2018 10:50:32 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0533	3.227	.1413	1.383	2.007	.0507	-.0027	59.79	.0543	.4922
Stddev	.0002	.022	.0017	.004	.006	.0003	.0008	.26	.0002	.0015
%RSD	.3805	.6735	1.194	.2763	.3037	.5453	27.84	.4268	.3278	.2990

#1	.0530	3.236	.1403	1.382	2.014	.0507	-.0032	60.09	.0542	.4918
#2	.0534	3.243	.1433	1.380	2.002	.0510	-.0031	59.67	.0541	.4911
#3	.0534	3.202	.1404	1.387	2.006	.0504	-.0018	59.62	.0545	.4939

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2357	.2820	1.870	41.12	9.913	.5084	1.173	112.4	.4938	.5167
Stddev	.0008	.0011	.010	.14	.022	.0011	.004	.4	.0018	.0024
%RSD	.3451	.3926	.5302	.3323	.2223	.2253	.3564	.3435	.3718	.4561

#1	.2348	.2808	1.877	41.27	9.937	.5089	1.170	112.8	.4921	.5143
#2	.2364	.2830	1.859	41.04	9.906	.5071	1.171	112.1	.4935	.5168
#3	.2360	.2822	1.873	41.03	9.894	.5091	1.178	112.2	.4958	.5190

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5300	.1562	8.493	.9720	1.355	1.044	.1145	.5674	.5335
Stddev	.0035	.0056	.024	.0079	.003	.002	.0029	.0006	.0025
%RSD	.6638	3.589	.2874	.8084	.2119	.2108	2.498	.1073	.4677

#1	.5270	.1517	8.493	.9669	1.358	1.042	.1141	.5673	.5320
#2	.5290	.1545	8.469	.9680	1.352	1.045	.1175	.5668	.5321
#3	.5338	.1625	8.518	.9810	1.354	1.046	.1118	.5680	.5364

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3922.2	62517.	5863.5
Stddev	8.5	189.	11.3
%RSD	.21760	.30210	.19202

#1	3929.8	62441.	5851.9
#2	3923.8	62732.	5864.2
#3	3912.9	62378.	5874.3

Sample Name: WG1095834-4,T Acquired: 3/10/2018 10:54:59 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0003	1.002	.0057	.3162	.0228	-.0001	.0009	48.71	-.0001	.0010
Stddev	.0006	.002	.0020	.0013	.0003	.0001	.0011	.14	.0001	.0001
%RSD	194.1	.2426	35.01	.4014	1.467	259.1	119.2	.2795	64.40	11.41

#1	-.0004	1.003	.0035	.3161	.0225	.0000	.0022	48.57	-.0001	.0010
#2	.0003	.9993	.0073	.3150	.0232	.0000	.0002	48.84	-.0001	.0008
#3	-.0009	1.004	.0064	.3176	.0228	-.0002	.0004	48.71	-.0000	.0011

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0318	.0245	.8348	30.86	.3880	.0165	.1910	100.8	.0017	.0038
Stddev	.0002	.0002	.0027	.06	.0042	.0005	.0006	.2	.0004	.0016
%RSD	.6115	.6711	.3260	.1906	1.070	2.936	.2941	.2425	22.44	43.75

#1	.0320	.0247	.8317	30.80	.3885	.0164	.1913	100.6	.0020	.0028
#2	.0318	.0245	.8365	30.92	.3918	.0160	.1903	100.9	.0019	.0029
#3	.0316	.0244	.8363	30.86	.3835	.0170	.1913	101.1	.0013	.0057

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081	.0241	7.426	.0070	.3816	.0354	.0009	.0455	.0104
Stddev	.0014	.0034	.003	.0017	.0016	.0005	.0007	.0004	.0000
%RSD	17.91	14.23	.0462	24.24	.4282	1.313	86.42	.7815	.4368

#1	.0097	.0201	7.430	.0077	.3804	.0355	.0007	.0453	.0105
#2	.0078	.0264	7.423	.0082	.3835	.0349	.0017	.0459	.0104
#3	.0068	.0258	7.425	.0051	.3811	.0358	.0002	.0452	.0105

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3945.8	63055.	5885.6
Stddev	10.1	81.	13.7
%RSD	.25682	.12868	.23235

#1	3954.3	62962.	5885.3
#2	3948.5	63092.	5872.0
#3	3934.6	63110.	5899.4

Sample Name: WG1095834-5,T Acquired: 3/10/2018 10:59:35 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0577	3.749	.1307	1.304	2.556	.0648	-.0028	59.78	.0495	.4491
Stddev	.0015	.063	.0146	.117	.051	.0014	.0015	.25	.0061	.0552
%RSD	2.631	1.670	11.15	8.944	2.014	2.161	52.47	.4106	12.30	12.29

#1	.0591	3.813	.1463	1.426	2.609	.0662	-.0012	60.06	.0559	.5068
#2	.0581	3.746	.1282	1.293	2.553	.0649	-.0030	59.66	.0488	.4436
#3	.0561	3.688	.1175	1.193	2.506	.0634	-.0042	59.61	.0437	.3969

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2688	.3253	2.145	42.81	11.86	.6478	1.115	111.7	.4510	.4731
Stddev	.0082	.0095	.029	.13	.43	.0129	.111	.1	.0555	.0578
%RSD	3.065	2.929	1.329	.2954	3.636	1.984	9.938	.0937	12.30	12.21

#1	.2773	.3349	2.177	42.93	12.30	.6610	1.230	111.6	.5090	.5332
#2	.2681	.3253	2.135	42.82	11.84	.6469	1.107	111.8	.4456	.4680
#3	.2609	.3158	2.123	42.68	11.44	.6354	1.009	111.8	.3984	.4180

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4887	.1453	7.632	.9221	1.628	1.254	.1035	.6575	.4925
Stddev	.0459	.0159	.009	.1103	.027	.039	.0123	.0201	.0581
%RSD	9.393	10.97	.1179	11.96	1.635	3.134	11.88	3.060	11.79

#1	.5356	.1629	7.622	1.038	1.656	1.294	.1166	.6772	.5533
#2	.4867	.1415	7.634	.9101	1.624	1.253	.1017	.6583	.4866
#3	.4438	.1317	7.639	.8183	1.603	1.215	.0922	.6370	.4376

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3923.5	62153.	5868.7
Stddev	9.5	21.	25.8
%RSD	.24180	.03375	.43973

#1	3931.3	62164.	5839.1
#2	3926.3	62167.	5880.2
#3	3913.0	62129.	5886.7

Sample Name: L1807869-01,T Acquired: 3/10/2018 11:04:03 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0289	.0026	.0233	.1132	.0001	-.0011	137.6	-.0001	.0008
Stddev	.0005	.0084	.0024	.0010	.0001	.0000	.0005	.5	.0000	.0003
%RSD	374.2	28.93	90.52	4.132	.0885	42.33	47.19	.3694	22.42	36.00

#1	-.0003	.0244	.0009	.0242	.1130	.0001	-.0016	137.1	-.0001	.0007
#2	.0000	.0237	.0053	.0233	.1132	.0002	-.0009	138.1	-.0001	.0011
#3	.0007	.0385	.0017	.0223	.1132	.0001	-.0007	137.5	-.0001	.0005

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0014	.1257	2.310	39.33	.1482	.0036	67.55	.0013	.0009
Stddev	.0007	.0002	.0008	.057	.20	.0003	.0005	.53	.0002	.0018
%RSD	210.1	16.90	.6674	2.462	.5039	.1800	12.96	.7809	18.17	205.5

#1	-.0004	.0012	.1256	2.257	39.11	.1480	.0039	67.00	.0013	.0028
#2	.0010	.0013	.1249	2.370	39.50	.1482	.0037	68.05	.0011	-.0006
#3	.0004	.0016	.1266	2.304	39.39	.1485	.0030	67.60	.0015	.0004

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113	.0001	6.523	.0068	.2625	.0033	.0003	.0001	.0079
Stddev	.0017	.0020	.088	.0022	.0011	.0004	.0018	.0003	.0000
%RSD	15.37	1501.	1.349	31.56	.4289	11.54	532.4	210.2	.4120

#1	.0131	.0021	6.447	.0076	.2613	.0035	.0022	-.0001	.0079
#2	.0111	-.0020	6.619	.0085	.2635	.0029	-.0014	.0000	.0080
#3	.0097	.0002	6.502	.0044	.2628	.0036	.0003	.0004	.0079

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3829.3	61765.	5772.5
Stddev	36.1	263.	27.1
%RSD	.94358	.42626	.46974

#1	3857.4	61590.	5800.4
#2	3788.5	61637.	5746.3
#3	3841.8	62067.	5770.9

Sample Name: WG1095834-7,T Acquired: 3/10/2018 11:08:42 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0528	2.224	.1343	1.065	2.093	.0503	-.0019	142.0	.0529	.4764
Stddev	.0003	.026	.0017	.003	.019	.0006	.0005	1.1	.0001	.0019
%RSD	.6121	1.155	1.296	.2478	.9131	1.204	26.61	.7431	.1377	.3901

#1	.0525	2.254	.1325	1.062	2.114	.0510	-.0013	143.1	.0529	.4757
#2	.0532	2.211	.1360	1.064	2.088	.0499	-.0019	141.7	.0528	.4751
#3	.0528	2.208	.1345	1.068	2.077	.0500	-.0023	141.1	.0530	.4786

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1993	.2562	1.181	12.13	46.71	.6329	.9688	74.26	.4792	.5026
Stddev	.0009	.0019	.010	.13	.48	.0071	.0036	.85	.0014	.0016
%RSD	.4706	.7237	.8120	1.086	1.032	1.119	.3693	1.141	.2927	.3262

#1	.1994	.2566	1.191	12.27	47.22	.6407	.9656	75.23	.4793	.5007
#2	.2003	.2579	1.179	12.09	46.65	.6310	.9681	73.84	.4778	.5033
#3	.1984	.2542	1.172	12.02	46.26	.6270	.9726	73.70	.4806	.5037

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5224	.1294	6.898	.9666	1.220	1.002	.1138	.5148	.5141
Stddev	.0063	.0014	.013	.0041	.010	.003	.0017	.0009	.0023
%RSD	1.214	1.088	.1883	.4283	.7840	.2706	1.481	.1696	.4402

#1	.5162	.1279	6.886	.9639	1.230	1.003	.1156	.5148	.5130
#2	.5222	.1296	6.896	.9645	1.217	1.005	.1136	.5157	.5126
#3	.5289	.1307	6.912	.9713	1.212	.9995	.1122	.5140	.5167

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3839.8	61245.	5782.6
Stddev	10.2	108.	52.8
%RSD	.26666	.17676	.91258

#1	3837.3	61168.	5726.6
#2	3851.0	61197.	5789.9
#3	3831.0	61369.	5831.4

Sample Name: WG1095834-6,T,5 Acquired: 3/10/2018 11:13:10 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.1469	.0031	.0835	.0036	.0000	.0019	7.488	-.0001	.0003
Stddev	.0006	.0178	.0015	.0054	.0007	.0001	.0011	1.193	.0000	.0000
%RSD	266.8	12.12	47.62	6.479	20.28	7285.	55.77	15.94	55.76	9.903

#1	.0009	.1288	.0043	.0779	.0028	.0001	.0027	6.287	-.0000	.0003
#2	-.0003	.1475	.0014	.0838	.0037	-.0001	.0007	7.503	-.0001	.0004
#3	.0000	.1644	.0036	.0887	.0042	-.0000	.0023	8.673	-.0000	.0003

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074	.0053	.1181	4.410	.0927	.0026	.0545	14.58	.0002	.0020
Stddev	.0009	.0003	.0177	.559	.0086	.0004	.0024	2.11	.0001	.0009
%RSD	11.63	6.011	15.01	12.67	9.311	15.54	4.337	14.48	49.74	43.54

#1	.0064	.0050	.1014	3.830	.0835	.0022	.0524	12.42	.0003	.0012
#2	.0077	.0055	.1162	4.456	.0941	.0024	.0540	14.67	.0001	.0019
#3	.0081	.0056	.1367	4.945	.1006	.0030	.0570	16.64	.0002	.0029

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085	.0068	1.960	.0070	.0581	.0084	.0010	.0099	.0031
Stddev	.0010	.0020	.110	.0010	.0092	.0005	.0005	.0008	.0003
%RSD	12.05	30.13	5.627	14.58	15.77	6.184	43.64	7.862	9.372

#1	.0077	.0045	1.852	.0080	.0491	.0079	.0006	.0092	.0028
#2	.0096	.0075	1.957	.0069	.0580	.0089	.0011	.0098	.0030
#3	.0080	.0084	2.072	.0060	.0674	.0085	.0015	.0108	.0034

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3870.0	63465.	5820.7
Stddev	5.0	254.	32.7
%RSD	.12828	.40088	.56235

#1	3874.5	63624.	5810.2
#2	3870.7	63172.	5794.5
#3	3864.7	63601.	5857.4

Sample Name: WG1095834-10,T,5 Acquired: 3/10/2018 11:17:49 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0134	.0009	.0055	.0233	-.0000	-.0003	28.95	-.0001	.0003
Stddev	.0005	.0077	.0028	.0004	.0003	.0001	.0011	.21	.0000	.0002
%RSD	260.1	57.90	310.2	6.741	1.457	4926.	389.3	.7287	20.38	89.82

#1	.0003	.0208	-.0007	.0059	.0229	-.0001	-.0014	28.70	-.0001	.0003
#2	.0006	.0139	.0041	.0051	.0234	.0001	-.0002	29.07	-.0001	.0005
#3	-.0003	.0054	-.0007	.0055	.0235	.0000	.0008	29.06	-.0001	.0000

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0002	.0255	.3711	8.483	.0303	.0012	12.82	-.0001	.0014
Stddev	.0005	.0002	.0017	.0186	.042	.0004	.0004	.18	.0003	.0006
%RSD	85.35	99.30	6.740	5.014	.4989	1.283	32.17	1.394	220.1	43.34

#1	.0009	.0004	.0270	.3847	8.506	.0299	.0016	12.62	.0000	.0020
#2	.0000	.0001	.0237	.3787	8.509	.0305	.0013	12.91	-.0004	.0008
#3	.0006	.0000	.0258	.3499	8.434	.0306	.0008	12.94	.0000	.0014

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044	.0012	1.503	.0030	.0554	.0013	.0004	-.0000	.0022
Stddev	.0017	.0023	.113	.0005	.0009	.0002	.0017	.0003	.0002
%RSD	39.08	192.5	7.497	16.68	1.535	16.71	431.5	1097.	9.590

#1	.0063	.0008	1.415	.0033	.0544	.0012	.0024	.0000	.0020
#2	.0038	.0036	1.464	.0024	.0556	.0016	-.0004	-.0003	.0022
#3	.0030	-.0009	1.630	.0033	.0561	.0012	-.0008	.0002	.0024

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3785.7	63618.	5867.1
Stddev	149.2	172.	92.8
%RSD	3.9412	.27099	1.5816

#1	3875.1	63807.	5778.1
#2	3868.7	63469.	5859.8
#3	3613.5	63577.	5963.3

Sample Name: CCV Acquired: 3/10/2018 11:22:27 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4903	.5283	.5117	.4979	.5053	.4976	.4850	.5116	.4948	.4987
Stddev	.0019	.0111	.0015	.0012	.0014	.0011	.0007	.0051	.0005	.0005
%RSD	.3887	2.095	.2942	.2459	.2786	.2245	.1457	.9967	.1022	.1077
#1	.4913	.5156	.5134	.4969	.5045	.4970	.4847	.5060	.4952	.4981
#2	.4881	.5330	.5108	.4975	.5070	.4989	.4845	.5159	.4948	.4991
#3	.4915	.5362	.5109	.4993	.5046	.4970	.4858	.5128	.4942	.4988

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **None** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4980	.4998	.5169	4.944	.5021	.5077	.4961	9.857	.4941	.5029
Stddev	.0030	.0002	.0054	.009	.0013	.0021	.0008	.070	.0002	.0005
%RSD	.6064	.0477	1.050	.1891	.2498	.4185	.1673	.7109	.0306	.0900
#1	.5001	.4997	.5110	4.954	.5022	.5078	.4961	9.791	.4939	.5029
#2	.4994	.5001	.5181	4.936	.5033	.5098	.4970	9.930	.4942	.5024
#3	.4945	.4997	.5217	4.942	.5008	.5056	.4953	9.849	.4942	.5034

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5122	.4962	5.085	.5018	.4875	.4946	.4942	.5095	.4870
Stddev	.0004	.0033	.005	.0013	.0013	.0010	.0017	.0012	.0005
%RSD	.0775	.6590	.0993	.2564	.2652	.1931	.3425	.2281	.1034
#1	.5122	.4927	5.082	.5007	.4874	.4954	.4952	.5108	.4876
#2	.5126	.4991	5.091	.5014	.4889	.4936	.4952	.5093	.4868
#3	.5118	.4969	5.083	.5032	.4863	.4949	.4923	.5085	.4866

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4006.3	64788.	5928.0
Stddev	5.1	221.	12.0
%RSD	.12762	.34176	.20169
#1	4001.2	64590.	5923.2
#2	4011.5	64748.	5919.1
#3	4006.3	65027.	5941.6

Sample Name: CCB Acquired: 3/10/2018 11:26:57 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	-.0042	.0010	.0009	.0005	.0006	.0010	.0039	.0003	.0005
Stddev	.0004	.0043	.0016	.0006	.0001	.0001	.0014	.0016	.0000	.0002
%RSD	59.66	103.9	163.9	69.67	16.85	8.642	142.2	41.37	5.270	33.78
#1	.0005	-.0029	.0026	.0009	.0005	.0006	-.0003	.0055	.0003	.0006
#2	.0012	-.0006	.0009	.0015	.0006	.0007	.0025	.0022	.0003	.0006
#3	.0005	-.0090	-.0006	.0002	.0004	.0006	.0007	.0042	.0003	.0003

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0005	.0032	-.0391	.0026	.0007	.0012	.0327	-.0000	.0024
Stddev	.0003	.0003	.0004	.0234	.0009	.0002	.0003	.0143	.0005	.0018
%RSD	94.33	46.72	11.58	59.92	36.26	25.93	21.13	43.86	965.9	75.81
#1	.0003	.0004	.0033	-.0640	.0035	.0006	.0011	.0485	.0003	.0045
#2	.0006	.0004	.0035	-.0174	.0017	.0009	.0011	.0205	.0001	.0015
#3	.0000	.0008	.0028	-.0360	.0025	.0006	.0015	.0291	-.0006	.0012

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037	-.0009	.0004	.0033	.0004	.0005	-.0003	.0000	.0010
Stddev	.0006	.0011	.0002	.0003	.0002	.0005	.0010	.0001	.0001
%RSD	15.59	125.3	59.53	9.436	59.61	117.0	387.8	375.6	9.733
#1	.0031	-.0019	.0007	.0037	.0006	.0011	-.0010	.0000	.0009
#2	.0038	.0003	.0004	.0032	.0005	.0003	-.0007	.0002	.0009
#3	.0042	-.0011	.0002	.0031	.0001	.0000	.0009	-.0001	.0011

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3952.2	64537.	5839.9
Stddev	12.4	265.	16.8
%RSD	.31306	.41031	.28683
#1	3966.0	64320.	5845.4
#2	3948.4	64458.	5821.1
#3	3942.2	64832.	5853.2

Sample Name: WG1095834-8,T Acquired: 3/10/2018 11:31:40 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	.0359	.0011	.0215	.1080	-.0000	.0003	132.2	-.0000	.0008
Stddev	.0006	.0090	.0023	.0007	.0037	.0000	.0007	4.3	.0000	.0001
%RSD	136.1	25.06	204.8	3.173	3.451	86.37	224.3	3.217	94.44	7.755

#1	-.0002	.0414	-.0012	.0220	.1043	-.0001	.0007	127.8	-.0000	.0008
#2	.0006	.0408	.0034	.0217	.1081	-.0000	-.0005	132.3	-.0000	.0009
#3	.0009	.0255	.0011	.0207	.1117	-.0000	.0008	136.3	-.0001	.0008

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	.0014	.1160	2.165	37.44	.1414	.0005	64.11	.0011	.0010
Stddev	.0004	.0002	.0056	.079	.99	.0036	.0002	2.17	.0005	.0009
%RSD	47.30	12.58	4.842	3.640	2.649	2.534	35.95	3.384	46.93	90.44

#1	.0006	.0012	.1114	2.097	36.31	.1378	.0003	61.98	.0007	.0018
#2	.0005	.0016	.1144	2.146	37.83	.1413	.0006	64.04	.0009	.0011
#3	.0011	.0015	.1222	2.251	38.17	.1450	.0006	66.32	.0017	.0000

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030	-.0005	6.266	.0016	.2516	.0033	.0009	.0000	.0075
Stddev	.0016	.0040	.021	.0005	.0082	.0002	.0020	.0004	.0000
%RSD	52.49	758.2	.3419	30.03	3.259	7.347	225.2	1418.	.4359

#1	.0036	-.0051	6.252	.0021	.2435	.0034	.0007	-.0000	.0075
#2	.0043	.0019	6.255	.0014	.2514	.0030	-.0010	-.0003	.0075
#3	.0012	.0016	6.291	.0012	.2599	.0035	.0030	.0004	.0075

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3882.4	63314.	5906.5
Stddev	14.0	1082.	128.3
%RSD	.36129	1.7095	2.1717

#1	3891.4	64540.	6048.6
#2	3889.5	62913.	5871.7
#3	3866.2	62490.	5799.3

Sample Name: WG1095834-9,T Acquired: 3/10/2018 11:36:17 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0446	2.313	.1258	1.028	2.190	.0530	-.0012	146.6	.0493	.4484
Stddev	.0013	.095	.0023	.005	.067	.0020	.0005	.8	.0001	.0012
%RSD	2.970	4.095	1.854	.4557	3.050	3.822	39.73	.5501	.1696	.2726

#1	.0461	2.392	.1274	1.023	2.249	.0548	-.0017	146.6	.0494	.4473
#2	.0436	2.339	.1231	1.028	2.202	.0535	-.0007	147.5	.0493	.4482
#3	.0442	2.208	.1268	1.033	2.118	.0508	-.0011	145.9	.0493	.4497

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1817	.2334	1.230	12.88	47.13	.6595	.9271	76.55	.4481	.4708
Stddev	.0051	.0066	.034	.37	.13	.0176	.0007	.80	.0005	.0029
%RSD	2.802	2.808	2.752	2.860	.2795	2.674	.0763	1.039	.1146	.6107

#1	.1876	.2410	1.257	13.18	47.14	.6752	.9265	76.73	.4484	.4684
#2	.1788	.2299	1.242	13.00	47.25	.6630	.9279	77.23	.4475	.4701
#3	.1787	.2295	1.192	12.47	46.99	.6404	.9268	75.68	.4483	.4740

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4677	.1234	6.646	.9213	1.296	.9346	.1042	.4655	.4800
Stddev	.0086	.0029	.039	.0008	.032	.0253	.0017	.0132	.0011
%RSD	1.840	2.378	.5881	.0898	2.475	2.705	1.647	2.839	.2354

#1	.4586	.1233	6.609	.9205	1.324	.9638	.1023	.4808	.4793
#2	.4688	.1205	6.643	.9213	1.302	.9197	.1056	.4579	.4795
#3	.4757	.1263	6.687	.9222	1.261	.9203	.1047	.4578	.4813

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3850.4	65001.	5760.5
Stddev	10.3	913.	25.0
%RSD	.26835	1.4039	.43318

#1	3854.6	64037.	5782.0
#2	3858.0	65851.	5733.1
#3	3838.7	65117.	5766.4

Sample Name: L1807075-01,T Acquired: 3/10/2018 11:40:44 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.5626	.0028	.8264	.1581	-.0000	.0031	180.5	.0001	.0007
Stddev	.0003	.0022	.0043	.0023	.0002	.0001	.0004	.3	.0000	.0002
%RSD	145.1	.3844	151.4	.2833	.1058	36500.	13.82	.1744	11.86	32.25

#1	.0000	.5624	-.0020	.8264	.1583	-.0001	.0031	180.3	.0001	.0009
#2	-.0001	.5648	.0060	.8241	.1580	-.0000	.0036	180.3	.0001	.0005
#3	-.0005	.5605	.0045	.8287	.1580	.0001	.0027	180.8	.0001	.0008

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034	.0221	1.365	9.662	21.35	.1493	.0041	100.8	.0022	.0091
Stddev	.0001	.0006	.003	.026	.10	.0009	.0004	.3	.0005	.0007
%RSD	3.031	2.876	.2004	.2734	.4625	.5989	9.200	.2579	21.25	7.532

#1	.0034	.0222	1.363	9.679	21.44	.1501	.0043	100.8	.0019	.0099
#2	.0033	.0227	1.368	9.632	21.24	.1494	.0043	100.6	.0020	.0087
#3	.0035	.0215	1.365	9.676	21.38	.1483	.0037	101.1	.0027	.0086

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123	.0048	3.385	.0069	5.760	.0108	.0017	.0017	.0742
Stddev	.0035	.0022	.010	.0008	.080	.0003	.0012	.0002	.0003
%RSD	28.49	45.11	.3016	11.08	1.388	2.991	72.22	10.75	.4110

#1	.0155	.0057	3.376	.0077	5.683	.0105	.0004	.0017	.0739
#2	.0128	.0024	3.383	.0063	5.756	.0111	.0020	.0018	.0743
#3	.0086	.0064	3.396	.0066	5.843	.0107	.0028	.0015	.0745

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3841.9	62785.	6061.8
Stddev	4.3	177.	17.5
%RSD	.11244	.28240	.28897

#1	3846.9	62919.	6062.9
#2	3839.3	62584.	6078.8
#3	3839.5	62852.	6043.8

Sample Name: L1807580-05,T Acquired: 3/10/2018 11:45:29 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.1495	.0019	.0325	.0279	-.0000	.0003	55.75	-.0001	.0002
Stddev	.0001	.0069	.0028	.0004	.0002	.0001	.0009	.07	.0000	.0002
%RSD	38.11	4.629	151.4	1.255	.6283	262.3	277.7	.1270	59.60	111.1

#1	.0002	.1574	.0023	.0324	.0278	-.0001	-.0007	55.83	-.0001	.0004
#2	.0003	.1467	.0045	.0322	.0281	-.0000	.0011	55.69	-.0001	.0001
#3	.0004	.1445	-.0011	.0330	.0278	.0000	.0006	55.73	-.0000	.0000

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0693	.0164	.1106	3.784	13.64	.0122	.0045	121.1	.0004	.0013
Stddev	.0006	.0002	.0041	.023	.07	.0005	.0003	.2	.0007	.0020
%RSD	.8652	1.234	3.709	.6086	.5200	3.953	7.532	.1551	160.0	153.6

#1	.0696	.0162	.1133	3.757	13.69	.0123	.0044	121.0	.0004	.0035
#2	.0697	.0166	.1059	3.799	13.56	.0126	.0048	121.0	.0011	.0005
#3	.0686	.0164	.1126	3.796	13.66	.0116	.0042	121.3	-.0002	-.0002

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035	.0015	1.450	.0030	.2465	.0047	.0013	-.0000	.0321
Stddev	.0042	.0007	.004	.0008	.0003	.0003	.0017	.0001	.0000
%RSD	120.3	47.40	.3093	27.32	.1211	5.769	131.2	619.7	.1237

#1	.0057	.0014	1.455	.0037	.2464	.0048	.0002	-.0001	.0321
#2	.0060	.0009	1.447	.0031	.2463	.0049	.0005	.0000	.0321
#3	-.0013	.0023	1.447	.0021	.2469	.0044	.0033	.0000	.0321

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3942.7	63541.	6053.4
Stddev	6.7	263.	30.3
%RSD	.16999	.41368	.50132

#1	3935.7	63669.	6024.4
#2	3943.6	63238.	6084.9
#3	3949.0	63715.	6050.7

Sample Name: L1807636-02,T Acquired: 3/10/2018 11:50:06 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0005	.0770	.0024	.1380	.0343	.0000	.0014	88.60	-.0002	.0003
Stddev	.0004	.0028	.0021	.0011	.0002	.0001	.0006	.21	.0000	.0001
%RSD	72.83	3.611	88.65	.8146	.5193	1873.	42.57	.2346	30.64	56.08

#1	-.0010	.0802	.0003	.1374	.0341	.0002	.0009	88.40	-.0002	.0004
#2	-.0002	.0751	.0023	.1373	.0344	-.0000	.0020	88.81	-.0002	.0001
#3	-.0004	.0758	.0045	.1393	.0344	-.0001	.0013	88.60	-.0001	.0003

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	.0068	.1452	5.276	14.52	.0831	.0026	140.1	.0012	.0015
Stddev	.0002	.0000	.0029	.021	.06	.0004	.0002	1.9	.0003	.0016
%RSD	15.62	.5183	2.030	.3904	.4119	.4227	6.074	1.379	23.64	107.7

#1	.0012	.0068	.1486	5.294	14.49	.0833	.0025	137.9	.0014	.0001
#2	.0009	.0069	.1432	5.281	14.59	.0833	.0027	141.5	.0011	.0011
#3	.0012	.0068	.1439	5.254	14.47	.0827	.0025	140.9	.0009	.0032

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033	-.0028	4.600	.0013	.3316	.0048	.0006	.0009	.0099
Stddev	.0017	.0018	.020	.0004	.0005	.0004	.0015	.0001	.0001
%RSD	52.61	65.91	.4421	33.57	.1428	7.595	240.7	5.643	1.154

#1	.0051	-.0033	4.588	.0008	.3311	.0046	.0022	.0010	.0098
#2	.0017	-.0007	4.589	.0016	.3320	.0045	-.0008	.0009	.0100
#3	.0030	-.0043	4.624	.0014	.3317	.0052	.0005	.0010	.0099

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3889.0	62553.	5971.3
Stddev	7.7	32.	17.7
%RSD	.19895	.05045	.29690

#1	3895.8	62523.	5977.4
#2	3890.6	62551.	5951.4
#3	3880.6	62586.	5985.3

Sample Name: L1807636-04,T Acquired: 3/10/2018 11:54:46 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.2359	.0005	.1409	.0542	.0001	.0034	90.31	.0000	.0005
Stddev	.0001	.0069	.0012	.0004	.0004	.0001	.0018	.13	.0000	.0003
%RSD	359.6	2.912	231.5	.2751	.6939	67.53	54.05	.1427	269.1	58.61

#1	.0000	.2416	-.0008	.1412	.0544	.0002	.0042	90.34	.0000	.0007
#2	-.0001	.2378	.0008	.1405	.0545	.0001	.0047	90.42	-.0000	.0002
#3	.0002	.2282	.0016	.1411	.0538	.0000	.0013	90.17	.0000	.0005

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023	.0206	.7466	5.705	15.08	.0948	.0026	138.8	.0014	.0033
Stddev	.0002	.0000	.0038	.052	.10	.0003	.0004	1.0	.0002	.0022
%RSD	10.34	.2184	.5149	.9122	.6610	.3060	15.51	.6942	10.86	66.19

#1	.0025	.0206	.7510	5.725	15.19	.0950	.0026	139.7	.0016	.0039
#2	.0021	.0207	.7443	5.745	15.04	.0945	.0021	138.9	.0014	.0052
#3	.0025	.0207	.7444	5.647	15.00	.0950	.0029	137.8	.0013	.0009

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032	.0007	4.738	.0014	.3408	.0105	-.0007	.0011	.0346
Stddev	.0016	.0034	.005	.0004	.0011	.0003	.0011	.0002	.0001
%RSD	50.12	457.6	.1044	27.47	.3230	2.649	147.0	15.53	.1500

#1	.0014	.0036	4.733	.0018	.3411	.0103	.0005	.0011	.0345
#2	.0044	.0017	4.738	.0011	.3418	.0108	-.0013	.0009	.0346
#3	.0039	-.0030	4.743	.0013	.3396	.0105	-.0014	.0013	.0346

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3896.7	62639.	5958.4
Stddev	5.7	209.	31.9
%RSD	.14680	.33417	.53581

#1	3901.1	62845.	5922.8
#2	3898.8	62647.	5967.7
#3	3890.2	62426.	5984.6

Sample Name: L1807655-01,T Acquired: 3/10/2018 11:59:29 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	6.492	.0024	.0349	.0587	.0001	.0007	74.49	.0001	.0003
Stddev	.0003	.007	.0011	.0002	.0002	.0001	.0021	.15	.0000	.0001
%RSD	119.4	.1142	44.36	.5971	.3773	137.0	316.7	.2002	6.842	41.57

#1	.0005	6.494	.0030	.0350	.0589	.0002	.0001	74.62	.0001	.0003
#2	.0003	6.498	.0032	.0347	.0587	.0000	.0030	74.33	.0001	.0003
#3	-.0001	6.484	.0012	.0351	.0585	.0000	-.0011	74.53	.0001	.0001

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017	.0075	.2202	29.62	16.21	.0892	.0043	636.6	.0058	.0025
Stddev	.0004	.0002	.0029	.10	.07	.0006	.0000	2.0	.0001	.0005
%RSD	22.76	2.417	1.329	.3225	.4127	.7151	.9388	.3124	1.120	19.21

#1	.0021	.0075	.2189	29.71	16.28	.0894	.0044	634.3	.0059	.0031
#2	.0013	.0077	.2181	29.52	16.15	.0896	.0044	637.3	.0058	.0024
#3	.0017	.0074	.2235	29.63	16.20	.0884	.0043	638.1	.0058	.0021

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0005	-.0020	1.963	.0020	.4506	.0052	.0016	.0000	.1244
Stddev	.0019	.0031	.004	.0005	.0008	.0005	.0013	.0001	.0003
%RSD	354.8	153.0	.2133	23.84	.1675	10.41	77.97	560.7	.2521

#1	-.0026	-.0008	1.963	.0015	.4515	.0052	.0014	.0000	.1247
#2	.0011	-.0055	1.958	.0024	.4502	.0058	.0005	.0001	.1242
#3	-.0002	.0003	1.966	.0022	.4503	.0047	.0030	-.0001	.1241

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3765.9	59318.	5927.5
Stddev	3.1	136.	22.9
%RSD	.08151	.22967	.38714

#1	3762.7	59373.	5910.6
#2	3768.8	59419.	5953.6
#3	3766.1	59163.	5918.2

Sample Name: L1807762-01,T Acquired: 3/10/2018 12:04:16 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.0838	.0007	.0870	.0418	.0002	-.0003	95.94	-.0000	.0002
Stddev	.0005	.0011	.0017	.0005	.0002	.0001	.0016	.18	.0000	.0001
%RSD	258.9	1.361	247.6	.6186	.5182	25.56	581.1	.1843	31.82	82.63

#1	-.0002	.0842	-.0005	.0873	.0420	.0002	-.0010	95.79	-.0000	.0003
#2	-.0008	.0825	-.0001	.0864	.0418	.0002	.0016	95.90	-.0000	.0002
#3	.0003	.0847	.0027	.0873	.0415	.0003	-.0014	96.14	-.0000	.0000

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065	.0022	.0789	2.680	26.31	.0065	.0015	18.84	.0059	.0020
Stddev	.0003	.0000	.0017	.037	.17	.0004	.0002	.08	.0002	.0012
%RSD	4.571	1.297	2.217	1.392	.6271	6.721	15.96	.4405	4.022	59.81

#1	.0069	.0022	.0770	2.697	26.14	.0062	.0013	18.92	.0060	.0031
#2	.0064	.0022	.0794	2.637	26.46	.0063	.0017	18.75	.0060	.0022
#3	.0063	.0021	.0804	2.704	26.34	.0070	.0013	18.84	.0056	.0007

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013	-.0017	3.428	.0009	.4713	.0044	.0024	.0002	.0104
Stddev	.0012	.0017	.009	.0006	.0008	.0001	.0011	.0000	.0001
%RSD	94.07	99.51	.2701	65.22	.1799	3.015	44.29	11.52	1.383

#1	.0017	-.0000	3.423	.0015	.4720	.0043	.0012	.0002	.0106
#2	.0022	-.0035	3.422	.0010	.4704	.0046	.0030	.0002	.0103
#3	-.0001	-.0017	3.439	.0003	.4716	.0044	.0030	.0001	.0103

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3930.3	63255.	5948.3
Stddev	12.4	122.	35.7
%RSD	.31678	.19265	.59941

#1	3935.3	63368.	5989.4
#2	3939.4	63272.	5926.7
#3	3916.1	63126.	5928.7

Sample Name: L1807762-02,T Acquired: 3/10/2018 12:08:55 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0000	.1136	.0017	.0527	.0403	.0001	.0016	81.36	-.0001	.0003
Stddev	.0002	.0096	.0020	.0014	.0002	.0001	.0007	.05	.0000	.0001
%RSD	1763.	8.445	113.3	2.655	.5304	46.02	46.32	.0658	3.227	22.25

#1	-.0003	.1205	.0017	.0515	.0400	.0002	.0014	81.33	-.0001	.0003
#2	.0002	.1175	-.0002	.0524	.0404	.0001	.0024	81.32	-.0001	.0003
#3	.0001	.1026	.0038	.0542	.0404	.0002	.0009	81.42	-.0001	.0002

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081	.0028	.0972	2.283	33.54	.0177	.0012	21.18	.0005	.0013
Stddev	.0004	.0002	.0001	.033	.06	.0002	.0003	.03	.0002	.0002
%RSD	4.678	5.622	.1393	1.455	.1714	.9523	28.22	.1479	51.23	19.11

#1	.0080	.0028	.0972	2.294	33.50	.0176	.0009	21.15	.0007	.0011
#2	.0078	.0027	.0970	2.246	33.52	.0179	.0012	21.21	.0002	.0015
#3	.0085	.0030	.0973	2.310	33.61	.0177	.0016	21.19	.0005	.0012

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	-.0010	2.518	.0005	.4249	.0056	.0013	.0000	.0222
Stddev	.0016	.0014	.007	.0002	.0006	.0002	.0017	.0003	.0001
%RSD	143.6	144.3	.2883	33.78	.1525	3.220	131.5	674.0	.2322

#1	-.0007	.0005	2.509	.0005	.4247	.0054	.0011	.0001	.0222
#2	.0022	-.0011	2.521	.0007	.4256	.0056	-.0003	.0003	.0222
#3	.0019	-.0023	2.523	.0004	.4244	.0058	.0031	-.0002	.0223

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3922.3	63207.	5891.4
Stddev	9.5	179.	14.3
%RSD	.24266	.28352	.24352

#1	3917.4	63404.	5906.0
#2	3933.3	63054.	5890.7
#3	3916.3	63163.	5877.3

Sample Name: L1807806-05,T Acquired: 3/10/2018 12:13:35 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0786	.0024	.0337	.0273	.0000	-.0011	51.67	-.0001	.0002
Stddev	.0008	.0039	.0025	.0003	.0011	.0001	.0014	1.97	.0000	.0001
%RSD	1541.	4.977	104.2	1.037	3.949	379.1	130.2	3.821	31.88	63.58

#1	.0008	.0828	-.0003	.0339	.0280	.0000	-.0003	52.89	-.0001	.0002
#2	-.0003	.0778	.0029	.0333	.0278	.0001	-.0003	52.72	-.0001	.0002
#3	-.0007	.0751	.0046	.0339	.0260	-.0001	-.0027	49.39	-.0001	.0001

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036	.0143	.1151	3.842	13.69	.0163	.0032	117.8	.0004	.0015
Stddev	.0002	.0009	.0032	.132	.51	.0004	.0002	4.6	.0000	.0009
%RSD	4.693	6.600	2.819	3.424	3.728	2.202	6.791	3.932	11.41	62.14

#1	.0036	.0153	.1176	3.909	14.13	.0163	.0034	120.7	.0004	.0025
#2	.0038	.0135	.1162	3.926	13.81	.0166	.0030	120.2	.0003	.0014
#3	.0034	.0140	.1114	3.690	13.13	.0159	.0031	112.5	.0004	.0006

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023	.0032	1.710	.0003	.2388	.0029	.0005	.0001	.0271
Stddev	.0015	.0019	.009	.0006	.0090	.0003	.0018	.0002	.0002
%RSD	67.12	59.10	.4978	201.2	3.761	8.834	382.0	122.8	.7023

#1	.0023	.0054	1.700	.0001	.2448	.0032	.0021	-.0001	.0269
#2	.0008	.0023	1.715	.0011	.2431	.0027	-.0014	.0002	.0272
#3	.0038	.0019	1.714	-.0002	.2285	.0028	.0007	.0002	.0272

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3924.3	63820.	6035.3
Stddev	23.7	2258.	198.7
%RSD	.60328	3.5385	3.2926

#1	3951.2	61237.	5910.1
#2	3906.8	65423.	5931.3
#3	3914.9	64800.	6264.4

Sample Name: CCV Acquired: 3/10/2018 12:18:14 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4642	.5075	.4999	.4955	.4881	.4826	.4845	.5055	.4850	.4960
Stddev	.0019	.0043	.0028	.0026	.0010	.0010	.0024	.0056	.0017	.0022
%RSD	.4107	.8385	.5567	.5287	.2018	.1985	.5037	1.103	.3496	.4377
#1	.4662	.5038	.5001	.4935	.4882	.4829	.4816	.5011	.4835	.4938
#2	.4640	.5064	.4970	.4944	.4891	.4834	.4857	.5118	.4845	.4961
#3	.4624	.5121	.5025	.4984	.4871	.4815	.4860	.5036	.4868	.4982

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **None** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4870	.4948	.5022	4.716	.4736	.4834	.4869	9.097	.4871	.4970
Stddev	.0009	.0008	.0029	.021	.0039	.0015	.0014	.011	.0022	.0025
%RSD	.1758	.1570	.5830	.4529	.8284	.3161	.2827	.1169	.4547	.5094
#1	.4877	.4954	.5053	4.734	.4713	.4823	.4856	9.106	.4852	.4954
#2	.4860	.4939	.5017	4.692	.4782	.4851	.4868	9.099	.4865	.4956
#3	.4871	.4951	.4995	4.722	.4714	.4828	.4883	9.085	.4895	.4999

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4997	.4953	5.024	.4916	.4784	.4830	.4861	.4904	.4819
Stddev	.0031	.0034	.025	.0021	.0012	.0004	.0039	.0013	.0013
%RSD	.6251	.6806	.4886	.4357	.2424	.0806	.8033	.2717	.2732
#1	.4969	.4914	5.005	.4897	.4791	.4831	.4832	.4919	.4809
#2	.4992	.4971	5.016	.4912	.4790	.4825	.4845	.4898	.4815
#3	.5031	.4975	5.052	.4939	.4771	.4833	.4905	.4894	.4834

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4009.9	66282.	6145.1
Stddev	11.8	138.	42.3
%RSD	.29549	.20783	.68791
#1	4020.1	66156.	6192.7
#2	4012.8	66429.	6112.0
#3	3996.9	66261.	6130.6

Sample Name: CCB Acquired: 3/10/2018 12:22:43 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0085	.0028	.0001	.0003	.0002	-.0001	.0113	.0001	.0003
Stddev	.0004	.0057	.0008	.0004	.0002	.0001	.0013	.0061	.0000	.0002
%RSD	96.43	67.69	28.76	699.4	82.51	55.20	963.0	53.45	76.35	79.74
#1	.0004	.0040	.0019	.0003	.0000	.0002	-.0016	.0087	.0000	.0002
#2	.0009	.0149	.0033	-.0004	.0004	.0001	.0005	.0070	.0001	.0005
#3	.0000	.0064	.0033	.0003	.0004	.0003	.0007	.0182	.0000	.0001

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0001	.0010	-.0150	.0003	.0001	.0006	.0871	-.0003	.0006
Stddev	.0004	.0002	.0014	.0180	.0010	.0001	.0001	.0263	.0003	.0014
%RSD	170.4	242.4	133.4	119.8	313.6	108.8	23.24	30.20	127.2	242.0
#1	.0006	-.0001	-.0005	-.0351	-.0001	.0000	.0006	.1163	-.0004	.0017
#2	.0001	.0003	.0022	-.0098	.0014	.0002	.0007	.0651	.0001	.0011
#3	-.0000	.0001	.0015	-.0002	-.0004	.0001	.0004	.0801	-.0005	-.0010

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0004	.0014	-.0045	.0017	.0002	.0005	.0011	.0002	.0003
Stddev	.0015	.0049	.0006	.0005	.0001	.0003	.0012	.0003	.0002
%RSD	345.7	346.6	13.68	30.76	51.91	66.79	112.4	116.8	56.10
#1	-.0017	-.0032	-.0045	.0016	.0001	.0001	.0013	.0006	.0001
#2	.0012	.0066	-.0040	.0012	.0003	.0007	-.0002	.0001	.0003
#3	-.0008	.0008	-.0052	.0022	.0002	.0005	.0022	.0001	.0004

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4043.9	66327.	6060.0
Stddev	4.6	69.	10.5
%RSD	.11495	.10446	.17354
#1	4048.0	66399.	6055.4
#2	4045.0	66261.	6072.0
#3	4038.9	66321.	6052.5

Sample Name: L1807825-01,T Acquired: 3/10/2018 12:27:25 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0693	.0005	.0232	.0215	.0001	-.0005	33.91	-.0000	.0002
Stddev	.0008	.0058	.0020	.0006	.0003	.0001	.0016	.07	.0001	.0001
%RSD	155.5	8.308	410.9	2.556	1.399	90.32	327.9	.1992	2239.	81.32

#1	.0012	.0759	.0001	.0227	.0213	.0001	-.0023	33.88	.0001	.0003
#2	-.0003	.0653	.0026	.0239	.0213	.0000	.0008	33.87	-.0000	.0002
#3	.0007	.0668	-.0013	.0232	.0218	.0001	.0001	33.99	-.0001	.0000

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012	.0052	.0880	1.453	8.522	.0037	.0013	11.36	.0008	.0014
Stddev	.0004	.0001	.0030	.011	.057	.0001	.0001	.03	.0003	.0001
%RSD	37.13	1.393	3.436	.7828	.6728	2.057	10.29	.2281	35.87	9.312

#1	.0011	.0052	.0888	1.462	8.542	.0037	.0011	11.33	.0006	.0013
#2	.0016	.0051	.0847	1.440	8.458	.0038	.0013	11.35	.0007	.0013
#3	.0008	.0052	.0906	1.457	8.567	.0036	.0014	11.38	.0011	.0015

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013	-.0008	.5600	.0016	.1464	.0021	.0030	.0003	.0055
Stddev	.0017	.0015	.0025	.0005	.0004	.0005	.0004	.0002	.0000
%RSD	128.5	199.8	.4378	30.04	.2981	25.88	13.14	74.94	.4406

#1	.0008	.0003	.5581	.0021	.1459	.0024	.0025	.0002	.0056
#2	-.0001	-.0001	.5590	.0013	.1464	.0015	.0032	.0006	.0055
#3	.0031	-.0025	.5628	.0013	.1468	.0023	.0032	.0001	.0055

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4018.9	64762.	6003.8
Stddev	14.9	156.	31.1
%RSD	.37188	.24116	.51753

#1	4034.1	64724.	5994.2
#2	4018.4	64628.	6038.5
#3	4004.2	64933.	5978.7

Sample Name: L1807825-02,T Acquired: 3/10/2018 12:32:04 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.0000	.0511	.0025	.0197	.0211	.0001	.0006	32.84	-0.0001	.0003
Stddev	.0010	.0044	.0022	.0005	.0001	.0001	.0010	.08	.0001	.0001
%RSD	4092.	8.655	87.96	2.453	.4195	47.24	159.6	.2551	127.3	20.99

#1	-0.0009	.0521	.0004	.0199	.0210	.0002	.0017	32.76	.0000	.0003
#2	.0010	.0463	.0048	.0201	.0212	.0001	-0.0000	32.92	-0.0002	.0003
#3	-0.0002	.0549	.0023	.0192	.0212	.0001	.0001	32.83	-0.0001	.0002

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	.0025	.0736	1.415	8.447	.0030	.0010	11.07	.0012	.0018
Stddev	.0003	.0002	.0016	.030	.076	.0001	.0001	.06	.0004	.0016
%RSD	24.77	7.606	2.108	2.098	.8948	2.402	12.50	.5191	33.27	86.53

#1	.0008	.0023	.0743	1.381	8.480	.0029	.0010	11.00	.0008	.0003
#2	.0010	.0026	.0747	1.435	8.502	.0031	.0012	11.11	.0016	.0034
#3	.0013	.0027	.0719	1.428	8.361	.0029	.0009	11.09	.0010	.0018

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.0005	.0003	.5446	.0001	.1449	.0024	.0002	.0001	.0033
Stddev	.0025	.0022	.0018	.0007	.0004	.0002	.0014	.0003	.0000
%RSD	517.3	848.2	.3237	593.5	.3060	8.970	596.2	254.5	.5630

#1	-0.0010	-0.0018	.5430	-0.0004	.1444	.0023	.0017	-0.0002	.0033
#2	.0023	.0000	.5465	.0009	.1450	.0023	.0001	.0001	.0033
#3	-0.0027	.0026	.5442	-0.0002	.1453	.0026	-0.0011	.0005	.0033

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4004.4	64189.	5950.8
Stddev	9.3	201.	52.3
%RSD	.23191	.31332	.87823

#1	4011.1	63957.	5924.5
#2	4008.3	64296.	5916.8
#3	3993.8	64313.	6010.9

Sample Name: L1807842-01,T Acquired: 3/10/2018 12:36:42 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.2634	.0025	.0173	.0246	.0001	.0008	33.79	.0001	.0005
Stddev	.0005	.0133	.0017	.0005	.0001	.0001	.0008	.04	.0000	.0001
%RSD	745.4	5.036	67.08	2.959	.5397	77.69	98.93	.1240	20.77	19.84

#1	.0005	.2787	.0032	.0175	.0245	.0000	.0015	33.83	.0001	.0004
#2	-.0004	.2573	.0006	.0167	.0248	.0003	-.0001	33.75	.0001	.0006
#3	.0000	.2544	.0037	.0177	.0247	.0001	.0011	33.78	.0001	.0004

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016	.0034	3.454	2.516	5.791	.1080	.0004	131.2	.0011	.0049
Stddev	.0002	.0000	.007	.018	.028	.0005	.0001	.4	.0000	.0006
%RSD	14.42	.6159	.2122	.6992	.4882	.4619	13.70	.3078	.3548	11.40

#1	.0017	.0034	3.462	2.510	5.769	.1075	.0004	130.9	.0011	.0055
#2	.0013	.0035	3.448	2.536	5.823	.1080	.0003	131.6	.0011	.0043
#3	.0017	.0034	3.452	2.503	5.782	.1085	.0004	130.9	.0011	.0050

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0008	-.0019	3.050	.0010	.1065	.0068	-.0003	.0012	.0231
Stddev	.0018	.0020	.011	.0005	.0002	.0003	.0007	.0001	.0001
%RSD	218.1	109.1	.3429	49.24	.2066	3.771	236.1	8.054	.4517

#1	-.0010	-.0024	3.052	.0012	.1068	.0067	-.0010	.0012	.0230
#2	-.0025	-.0036	3.039	.0004	.1064	.0071	-.0000	.0013	.0232
#3	.0011	.0004	3.060	.0013	.1065	.0067	.0002	.0011	.0231

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3943.9	63116.	6061.5
Stddev	14.7	159.	34.3
%RSD	.37210	.25231	.56667

#1	3950.4	63163.	6093.3
#2	3954.2	62939.	6025.1
#3	3927.1	63247.	6066.3

Sample Name: L1807867-02,T Acquired: 3/10/2018 12:41:20 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	1.134	.0083	.3165	.0247	.0001	.0016	53.42	.0001	.0007
Stddev	.0004	.020	.0013	.0024	.0001	.0002	.0008	.04	.0000	.0001
%RSD	338.6	1.716	15.70	.7627	.5883	220.8	48.47	.0713	91.47	21.69

#1	.0003	1.113	.0083	.3139	.0245	.0000	.0019	53.38	.0001	.0008
#2	-.0004	1.152	.0070	.3172	.0248	.0003	.0007	53.41	.0001	.0007
#3	.0004	1.137	.0096	.3186	.0247	-.0001	.0021	53.46	-.0000	.0005

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0332	.0264	.9841	31.62	.4466	.0213	.1949	103.7	.0022	.0046
Stddev	.0002	.0001	.0072	.07	.0021	.0001	.0017	.0	.0003	.0002
%RSD	.4747	.4322	.7336	.2300	.4591	.2913	.8957	.0200	13.21	4.109

#1	.0334	.0264	.9770	31.54	.4444	.0214	.1930	103.7	.0023	.0045
#2	.0331	.0265	.9840	31.69	.4473	.0213	.1953	103.8	.0019	.0048
#3	.0331	.0263	.9914	31.64	.4483	.0213	.1964	103.7	.0025	.0044

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018	.0226	7.836	.0001	.4152	.0394	-.0004	.0471	.0142
Stddev	.0035	.0010	.058	.0004	.0013	.0001	.0006	.0004	.0001
%RSD	195.0	4.601	.7451	526.0	.3112	.3771	168.1	.8877	.7880

#1	.0032	.0238	7.772	.0003	.4138	.0393	-.0008	.0474	.0142
#2	.0044	.0221	7.853	-.0003	.4162	.0393	.0003	.0474	.0141
#3	-.0022	.0220	7.885	.0002	.4157	.0395	-.0006	.0467	.0143

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3975.8	63537.	5993.1
Stddev	20.2	297.	50.3
%RSD	.50908	.46807	.83983

#1	3994.2	63196.	6022.6
#2	3979.1	63671.	6021.7
#3	3954.1	63744.	5935.0

Sample Name: L1807869-02,T Acquired: 3/10/2018 12:45:55 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0331	.0009	.0224	.1073	.0001	.0014	139.2	-.0001	.0001
Stddev	.0009	.0081	.0016	.0002	.0003	.0001	.0002	.3	.0000	.0003
%RSD	873.5	24.38	183.2	.7855	.2399	113.4	17.25	.2353	36.31	323.2

#1	-.0008	.0369	-.0004	.0225	.1076	.0001	.0016	139.5	-.0002	.0004
#2	-.0005	.0238	.0004	.0222	.1072	.0003	.0014	139.2	-.0001	-.0001
#3	.0009	.0386	.0027	.0226	.1072	.0000	.0011	138.9	-.0001	-.0001

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	.0024	.0048	2.139	37.29	.0019	.0011	64.00	.0004	.0012
Stddev	.0003	.0004	.0017	.041	.16	.0006	.0002	.13	.0003	.0029
%RSD	35.06	16.23	35.70	1.917	.4165	33.14	19.57	.2004	85.74	251.6

#1	.0010	.0023	.0030	2.158	37.12	.0019	.0008	64.11	.0008	.0035
#2	.0005	.0021	.0051	2.167	37.35	.0025	.0012	64.01	.0002	-.0022
#3	.0007	.0028	.0064	2.092	37.41	.0013	.0012	63.86	.0002	.0022

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	.0024	6.544	.0003	.2651	.0033	.0014	.0002	.0011
Stddev	.0029	.0045	.025	.0012	.0007	.0003	.0021	.0001	.0000
%RSD	288.6	186.4	.3737	437.0	.2652	9.257	152.3	77.46	4.242

#1	.0034	.0014	6.539	-.0009	.2658	.0035	-.0009	.0001	.0011
#2	-.0022	.0073	6.522	.0003	.2650	.0035	.0033	.0003	.0010
#3	.0018	-.0015	6.571	.0014	.2644	.0030	.0017	.0000	.0010

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3860.9	63366.	6054.3
Stddev	9.1	156.	24.2
%RSD	.23683	.24619	.39930

#1	3864.5	63202.	6081.2
#2	3867.8	63381.	6047.6
#3	3850.5	63513.	6034.2

Sample Name: L1807869-03,T Acquired: 3/10/2018 12:50:33 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.0002	.0324	-0.0010	.0214	.0862	-0.0001	.0006	136.4	-0.0001	-0.0000
Stddev	.0008	.0037	.0027	.0005	.0001	.0001	.0007	.5	.0000	.0001
%RSD	319.8	11.53	258.8	2.355	.1292	131.9	127.4	.3334	27.44	1680.

#1	.0006	.0349	.0016	.0216	.0862	.0000	.0009	136.9	-0.0001	.0001
#2	-0.0004	.0342	-0.0010	.0217	.0861	-0.0002	.0011	136.3	-0.0001	-0.0001
#3	-0.0009	.0281	-0.0037	.0208	.0863	-0.0001	-0.0003	136.0	-0.0001	-0.0000

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	.0086	.0045	2.119	36.56	.0007	.0007	62.53	.0003	.0015
Stddev	.0001	.0001	.0019	.018	.15	.0004	.0001	.26	.0004	.0010
%RSD	18.66	.6757	40.80	.8719	.4005	52.90	9.180	.4083	122.6	69.84

#1	.0008	.0085	.0062	2.101	36.72	.0003	.0007	62.24	.0004	.0022
#2	.0005	.0085	.0048	2.137	36.45	.0007	.0008	62.66	-0.0001	.0003
#3	.0006	.0086	.0026	2.120	36.50	.0011	.0008	62.69	.0006	.0019

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017	-0.0015	6.408	.0007	.2621	.0031	.0013	.0001	.0031
Stddev	.0024	.0033	.007	.0002	.0015	.0002	.0018	.0005	.0000
%RSD	141.4	217.2	.1076	30.34	.5878	5.872	141.0	345.0	1.109

#1	-0.0010	-0.0002	6.415	.0005	.2631	.0032	.0008	.0003	.0031
#2	.0035	-0.0053	6.402	.0007	.2628	.0029	.0032	.0005	.0031
#3	.0026	.0009	6.406	.0009	.2603	.0032	-0.0002	-0.0004	.0032

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3875.1	63080.	6060.2
Stddev	6.4	67.	23.1
%RSD	.16557	.10670	.38144

#1	3867.7	63089.	6036.3
#2	3878.3	63009.	6061.8
#3	3879.2	63143.	6082.4

Sample Name: L1807869-04,T Acquired: 3/10/2018 12:55:11 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.0003	.0324	.0014	.0215	.1063	.0001	.0004	137.1	-0.0001	-0.0001
Stddev	.0005	.0018	.0015	.0003	.0002	.0001	.0005	.1	.0000	.0001
%RSD	170.4	5.623	110.1	1.215	.1557	119.0	134.6	.0805	18.97	131.9

#1	.0003	.0343	.0014	.0213	.1064	.0002	.0008	137.2	-0.0001	.0000
#2	-0.0006	.0307	.0029	.0213	.1061	.0001	-0.0002	137.0	-0.0001	-0.0001
#3	-0.0006	.0322	-0.0002	.0218	.1063	-0.0000	.0007	137.0	-0.0001	-0.0003

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	.0010	.0102	2.163	37.87	.0013	.0005	66.83	.0008	.0002
Stddev	.0004	.0003	.0013	.019	.10	.0003	.0000	.25	.0006	.0006
%RSD	56.41	28.76	13.02	.8944	.2696	21.46	5.435	.3736	75.90	268.5

#1	.0006	.0013	.0090	2.162	37.99	.0014	.0005	66.79	.0003	-0.0002
#2	.0012	.0007	.0099	2.183	37.81	.0015	.0005	66.60	.0014	.0000
#3	.0004	.0010	.0116	2.144	37.82	.0010	.0005	67.09	.0006	.0009

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	.0032	6.385	-0.0002	.2589	.0028	.0008	-0.0003	.0092
Stddev	.0018	.0011	.023	.0011	.0004	.0004	.0020	.0004	.0001
%RSD	422.6	35.42	.3669	574.6	.1693	13.73	254.4	116.8	1.065

#1	.0019	.0044	6.366	-0.0002	.2593	.0028	.0030	-0.0006	.0092
#2	.0010	.0031	6.377	.0009	.2589	.0032	-0.0004	.0001	.0091
#3	-0.0016	.0021	6.411	-0.0013	.2584	.0025	-0.0004	-0.0005	.0092

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3888.5	62632.	5937.9
Stddev	8.2	189.	7.6
%RSD	.20976	.30147	.12877

#1	3889.4	62850.	5931.2
#2	3896.1	62538.	5946.2
#3	3879.9	62510.	5936.3

Sample Name: L1807869-05,T Acquired: 3/10/2018 12:59:50 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0350	.0003	.0213	.1031	.0001	.0008	134.0	-.0001	.0001
Stddev	.0005	.0072	.0008	.0006	.0001	.0001	.0006	.1	.0000	.0003
%RSD	776.9	20.62	240.8	2.737	.1403	71.93	78.07	.1040	23.23	280.4

#1	-.0006	.0384	.0007	.0207	.1030	.0002	.0004	134.1	-.0000	.0003
#2	-.0000	.0267	.0009	.0216	.1033	.0001	.0005	133.9	-.0001	.0003
#3	.0005	.0399	-.0006	.0217	.1031	.0001	.0015	134.1	-.0001	-.0002

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	.0009	.0070	2.159	36.88	.0007	.0002	65.73	.0056	.0016
Stddev	.0010	.0003	.0001	.031	.23	.0003	.0002	.11	.0001	.0016
%RSD	101.2	32.69	2.098	1.435	.6263	42.05	110.5	.1733	2.640	102.1

#1	.0015	.0006	.0070	2.195	37.15	.0006	-.0000	65.60	.0056	.0024
#2	.0015	.0012	.0071	2.141	36.76	.0005	.0004	65.77	.0058	-.0003
#3	-.0002	.0009	.0068	2.141	36.74	.0011	.0002	65.82	.0055	.0026

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013	.0005	6.314	.0000	.2527	.0032	.0011	.0001	.0023
Stddev	.0026	.0008	.020	.0007	.0002	.0001	.0011	.0002	.0002
%RSD	199.1	148.2	.3211	1559.	.0653	3.335	100.3	166.0	7.355

#1	-.0017	.0011	6.332	-.0005	.2525	.0032	.0004	.0003	.0023
#2	.0026	-.0004	6.292	-.0003	.2528	.0030	.0024	.0002	.0025
#3	.0031	.0009	6.317	.0008	.2527	.0032	.0006	-.0001	.0022

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3874.4	62895.	5981.0
Stddev	14.2	559.	35.9
%RSD	.36552	.88891	.59979

#1	3866.3	62738.	5945.7
#2	3890.7	62431.	6017.5
#3	3866.1	63516.	5979.7

Sample Name: L1807881-01,T Acquired: 3/10/2018 13:04:29 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.2405	.0015	.0321	.0357	.0002	-.0010	54.09	-.0001	.0004
Stddev	.0002	.0090	.0016	.0001	.0003	.0001	.0006	.07	.0000	.0002
%RSD	274.8	3.758	106.6	.2723	.8898	79.35	55.15	.1387	38.15	37.92

#1	.0001	.2320	.0027	.0322	.0355	.0002	-.0007	54.06	-.0001	.0003
#2	-.0001	.2500	-.0003	.0321	.0356	.0003	-.0007	54.17	-.0002	.0006
#3	.0002	.2396	.0022	.0320	.0361	.0000	-.0017	54.04	-.0001	.0004

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	.0045	.0487	2.924	12.90	.0035	.0017	161.9	.0016	.0024
Stddev	.0005	.0002	.0026	.049	.03	.0003	.0001	1.9	.0004	.0007
%RSD	46.64	3.368	5.422	1.673	.2587	7.262	8.183	1.189	25.32	29.92

#1	.0011	.0044	.0516	2.869	12.90	.0032	.0015	164.0	.0012	.0021
#2	.0005	.0047	.0464	2.963	12.94	.0037	.0018	161.3	.0017	.0019
#3	.0015	.0044	.0481	2.939	12.87	.0034	.0016	160.4	.0020	.0032

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017	-.0002	1.075	.0006	.2321	.0151	.0002	.0010	.0144
Stddev	.0008	.0021	.002	.0005	.0004	.0002	.0006	.0001	.0002
%RSD	46.57	964.4	.2047	76.62	.1938	1.556	260.5	12.55	1.052

#1	.0027	-.0005	1.075	.0003	.2320	.0150	.0000	.0011	.0143
#2	.0012	.0020	1.073	.0012	.2318	.0154	-.0002	.0009	.0145
#3	.0014	-.0022	1.078	.0004	.2327	.0150	.0009	.0011	.0146

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3926.3	62427.	5986.3
Stddev	13.4	100.	23.5
%RSD	.34144	.16045	.39297

#1	3941.5	62314.	5978.5
#2	3920.8	62461.	5967.6
#3	3916.4	62506.	6012.7

Sample Name: L1807902-03,T Acquired: 3/10/2018 13:09:16 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0616	.0017	.3962	.0369	.0002	-.0004	155.0	-.0001	.0015
Stddev	.0004	.0040	.0002	.0010	.0000	.0001	.0013	.5	.0000	.0001
%RSD	167.2	6.417	14.55	.2463	.1229	72.61	339.0	.3216	40.29	7.681

#1	.0007	.0641	.0017	.3960	.0368	.0003	.0011	155.5	-.0001	.0014
#2	.0002	.0638	.0014	.3953	.0369	.0001	-.0015	154.5	-.0002	.0015
#3	-.0001	.0571	.0019	.3972	.0369	.0001	-.0007	155.0	-.0001	.0016

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	.0022	.0804	5.487	26.55	.4469	.0049	51.60	.0083	-.0001
Stddev	.0005	.0001	.0017	.034	.19	.0016	.0001	.26	.0005	.0003
%RSD	40.38	5.714	2.096	.6214	.7063	.3550	2.235	.5130	6.009	250.8

#1	.0006	.0021	.0822	5.522	26.60	.4476	.0049	51.80	.0078	-.0004
#2	.0016	.0023	.0789	5.453	26.34	.4451	.0048	51.30	.0084	-.0001
#3	.0012	.0021	.0802	5.486	26.71	.4481	.0050	51.70	.0088	.0001

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	.0018	7.002	.0001	.6398	.0037	.0033	-.0001	.0289
Stddev	.0013	.0012	.029	.0005	.0021	.0004	.0026	.0004	.0001
%RSD	118.5	67.18	.4201	553.5	.3225	10.78	78.29	362.4	.3279

#1	.0014	.0015	6.991	-.0004	.6415	.0041	.0039	-.0003	.0288
#2	.0021	.0008	6.979	-.0001	.6375	.0037	.0005	-.0003	.0290
#3	-.0003	.0032	7.035	.0007	.6403	.0033	.0056	.0003	.0290

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3893.7	62561.	5894.9
Stddev	6.2	124.	39.8
%RSD	.15927	.19741	.67562

#1	3899.6	62576.	5882.4
#2	3894.2	62677.	5939.5
#3	3887.2	62431.	5862.8

Sample Name: CCV Acquired: 3/10/2018 13:13:54 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4936	.5324	.5129	.4961	.5030	.5010	.4843	.5136	.4937	.4967
Stddev	.0029	.0116	.0031	.0018	.0006	.0006	.0017	.0095	.0010	.0023
%RSD	.5922	2.186	.6137	.3671	.1278	.1169	.3443	1.857	.2065	.4598
#1	.4903	.5405	.5099	.4970	.5032	.5015	.4853	.5120	.4939	.4963
#2	.4948	.5190	.5126	.4940	.5035	.5011	.4824	.5238	.4926	.4947
#3	.4957	.5376	.5162	.4973	.5023	.5004	.4853	.5049	.4947	.4992

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **None** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4954	.4968	.5176	5.024	.5040	.5142	.4950	10.00	.4932	.5034
Stddev	.0024	.0022	.0017	.028	.0047	.0013	.0018	.01	.0019	.0022
%RSD	.4920	.4386	.3275	.5601	.9304	.2472	.3689	.0681	.3826	.4422
#1	.4928	.4943	.5162	5.049	.5013	.5129	.4947	10.00	.4934	.5013
#2	.4977	.4982	.5195	4.993	.5094	.5154	.4933	9.998	.4913	.5032
#3	.4959	.4980	.5171	5.029	.5013	.5143	.4969	10.01	.4951	.5058

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5083	.4908	5.068	.4984	.4813	.4914	.4920	.5100	.4836
Stddev	.0017	.0017	.011	.0020	.0010	.0024	.0018	.0026	.0011
%RSD	.3318	.3462	.2253	.3948	.2007	.4874	.3580	.5091	.2185
#1	.5095	.4910	5.070	.4985	.4812	.4892	.4917	.5071	.4843
#2	.5064	.4890	5.055	.4963	.4824	.4940	.4904	.5118	.4824
#3	.5091	.4923	5.078	.5003	.4805	.4910	.4939	.5113	.4841

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4007.2	64718.	5904.4
Stddev	9.5	285.	8.3
%RSD	.23829	.44106	.14102
#1	4003.3	64950.	5895.3
#2	4018.1	64399.	5906.2
#3	4000.2	64805.	5911.7

Sample Name: CCB Acquired: 3/10/2018 13:18:24 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	.0065	.0013	.0003	.0002	.0004	-.0009	.0080	.0003	.0003
Stddev	.0002	.0055	.0009	.0006	.0001	.0002	.0009	.0086	.0000	.0001
%RSD	17.33	84.47	67.60	225.2	48.17	44.05	102.1	107.4	8.850	47.14
#1	.0008	.0053	.0024	.0009	.0001	.0006	-.0014	-.0019	.0002	.0001
#2	.0010	.0017	.0010	-.0004	.0003	.0003	-.0014	.0128	.0003	.0004
#3	.0011	.0124	.0007	.0003	.0002	.0003	.0002	.0132	.0003	.0003

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0006	.0017	.0220	.0039	.0006	.0007	.0832	-.0003	.0005
Stddev	.0002	.0005	.0008	.0380	.0007	.0002	.0003	.0045	.0001	.0008
%RSD	67.98	87.29	49.22	172.6	18.48	27.61	49.19	5.398	42.68	169.5
#1	.0005	.0009	.0007	.0251	.0032	.0004	.0008	.0862	-.0002	.0014
#2	.0004	.0008	.0021	-.0174	.0046	.0008	.0009	.0780	-.0004	.0001
#3	.0001	-.0000	.0022	.0583	.0037	.0006	.0003	.0853	-.0004	-.0001

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012	.0033	-.0027	.0025	.0003	.0006	.0010	.0001	.0004
Stddev	.0018	.0035	.0004	.0010	.0002	.0002	.0017	.0002	.0002
%RSD	154.0	105.6	14.25	40.44	68.05	36.07	182.2	225.5	44.61
#1	-.0001	.0071	-.0022	.0036	.0005	.0007	-.0009	-.0000	.0003
#2	.0003	.0003	-.0028	.0017	.0005	.0006	.0013	-.0000	.0006
#3	.0033	.0025	-.0030	.0021	.0001	.0003	.0025	.0003	.0003

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3923.5	63669.	5726.9
Stddev	3.5	143.	22.4
%RSD	.08807	.22501	.39079
#1	3922.5	63592.	5710.4
#2	3927.3	63580.	5717.8
#3	3920.6	63834.	5752.3

Sample Name: L1806872-02,C Acquired: 3/10/2018 13:23:05 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0000	.0235	.0042	.0271	.0139	.0002	.0012	77.97	-.0000	.0003
Stddev	.0005	.0039	.0033	.0007	.0001	.0001	.0017	.38	.0000	.0003
%RSD	2272.	16.56	79.85	2.439	.6127	55.88	135.9	.4812	290.4	94.15

#1	.0005	.0228	.0079	.0270	.0139	.0001	.0022	77.72	.0000	.0003
#2	-.0003	.0201	.0031	.0278	.0138	.0001	.0021	77.80	.0000	.0005
#3	-.0003	.0278	.0015	.0265	.0139	.0002	-.0007	78.40	-.0001	-.0000

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020	.0432	.0041	3.142	2.358	.0025	.0099	146.2	.0013	.0002
Stddev	.0004	.0001	.0006	.056	.012	.0009	.0001	.8	.0006	.0011
%RSD	17.24	.1414	13.72	1.780	.5263	35.63	.6355	.5794	45.32	696.2

#1	.0024	.0433	.0042	3.171	2.345	.0025	.0099	145.7	.0009	-.0007
#2	.0017	.0432	.0045	3.078	2.359	.0034	.0100	145.7	.0019	.0015
#3	.0020	.0432	.0035	3.178	2.370	.0016	.0099	147.1	.0010	-.0003

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041	.0035	3.680	.0031	.2677	.0020	-.0014	.0187	.0003
Stddev	.0016	.0017	.015	.0009	.0007	.0008	.0013	.0004	.0001
%RSD	38.97	49.17	.4030	28.97	.2707	39.17	90.78	1.913	25.24

#1	.0038	.0019	3.683	.0030	.2670	.0012	.0001	.0190	.0003
#2	.0027	.0054	3.664	.0041	.2678	.0020	-.0021	.0188	.0003
#3	.0058	.0034	3.694	.0023	.2684	.0027	-.0023	.0183	.0004

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3705.4	60660.	5846.5
Stddev	9.2	250.	37.5
%RSD	.24705	.41142	.64133

#1	3708.6	60471.	5880.7
#2	3712.6	60943.	5852.5
#3	3695.1	60567.	5806.4

Sample Name: L1806872-03,C Acquired: 3/10/2018 13:27:51 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0005	.0292	.0045	.0206	.0116	.0001	.0005	81.92	-.0001	.0005
Stddev	.0002	.0078	.0013	.0002	.0002	.0000	.0006	.63	.0000	.0000
%RSD	41.16	26.63	27.97	1.192	1.648	37.31	117.8	.7680	9.740	9.342

#1	-.0007	.0237	.0050	.0208	.0115	.0001	.0011	81.36	-.0001	.0005
#2	-.0003	.0381	.0031	.0203	.0118	.0001	-.0001	82.60	-.0001	.0005
#3	-.0005	.0259	.0055	.0207	.0116	.0000	.0005	81.79	-.0001	.0004

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024	.0578	.0021	3.487	1.403	.0007	.0120	145.5	.0028	.0014
Stddev	.0004	.0002	.0037	.026	.012	.0002	.0003	2.7	.0002	.0017
%RSD	16.63	.2669	177.0	.7371	.8176	30.90	2.788	1.880	8.133	121.1

#1	.0023	.0576	-.0018	3.499	1.391	.0005	.0123	142.4	.0028	.0011
#2	.0028	.0579	.0025	3.506	1.413	.0010	.0117	147.6	.0031	.0032
#3	.0020	.0578	.0055	3.458	1.406	.0007	.0120	146.5	.0027	-.0001

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018	.0037	2.058	.0022	.3084	.0029	-.0003	.0201	.0001
Stddev	.0003	.0013	.005	.0014	.0015	.0001	.0006	.0003	.0001
%RSD	17.62	33.80	.2474	62.19	.4890	2.732	194.2	1.449	109.1

#1	.0022	.0042	2.052	.0022	.3071	.0029	-.0006	.0200	.0002
#2	.0018	.0046	2.058	.0037	.3100	.0028	-.0007	.0204	-.0000
#3	.0015	.0023	2.063	.0009	.3080	.0029	.0004	.0198	.0002

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3730.4	60572.	5880.8
Stddev	12.9	203.	60.8
%RSD	.34491	.33482	1.0347

#1	3716.6	60697.	5934.1
#2	3742.1	60680.	5814.5
#3	3732.5	60338.	5893.7

Sample Name: L1806872-04,C Acquired: 3/10/2018 13:32:37 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0402	.0007	.0406	.0089	.0001	.0007	61.99	.0043	.0016
Stddev	.0006	.0056	.0019	.0005	.0001	.0001	.0011	.07	.0000	.0001
%RSD	349.8	13.88	256.5	1.333	1.169	94.43	166.2	.1083	.5709	9.163

#1	.0003	.0362	.0029	.0401	.0091	.0001	.0014	62.05	.0043	.0015
#2	.0007	.0465	-.0003	.0412	.0089	.0001	-.0006	62.01	.0043	.0017
#3	-.0005	.0378	-.0004	.0405	.0089	-.0000	.0013	61.92	.0043	.0018

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073	.0168	.0115	2.042	3.824	.0625	.0039	153.0	.0101	.0022
Stddev	.0003	.0001	.0029	.025	.015	.0009	.0002	1.6	.0002	.0003
%RSD	4.454	.8138	25.13	1.243	.3934	1.458	4.492	1.050	2.292	15.77

#1	.0073	.0170	.0124	2.020	3.835	.0632	.0039	152.9	.0099	.0019
#2	.0070	.0167	.0138	2.070	3.807	.0615	.0041	154.6	.0100	.0026
#3	.0076	.0168	.0083	2.037	3.829	.0629	.0038	151.4	.0103	.0021

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	.0034	3.473	.0010	.0870	.0028	-.0001	.0078	.2058
Stddev	.0023	.0016	.008	.0002	.0001	.0001	.0015	.0001	.0006
%RSD	309.5	47.05	.2201	21.05	.1378	4.693	1023.	1.615	.3130

#1	-.0003	.0030	3.471	.0011	.0871	.0027	-.0015	.0076	.2054
#2	-.0008	.0020	3.466	.0008	.0872	.0027	-.0005	.0078	.2054
#3	.0034	.0052	3.481	.0013	.0869	.0029	.0015	.0078	.2065

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3751.0	60276.	5750.0
Stddev	4.3	92.	20.7
%RSD	.11583	.15320	.35955

#1	3752.3	60219.	5728.6
#2	3754.5	60382.	5769.9
#3	3746.1	60226.	5751.6

Sample Name: L1806872-05,C Acquired: 3/10/2018 13:37:23 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0004	.0336	.0006	.0450	.0115	.0001	.0016	102.7	.0002	.0005
Stddev	.0001	.0015	.0005	.0001	.0002	.0001	.0010	.1	.0000	.0001
%RSD	37.81	4.516	78.14	.3003	1.974	158.3	61.03	.1369	22.20	15.59

#1	-.0002	.0333	.0001	.0449	.0113	.0000	.0011	102.7	.0001	.0004
#2	-.0005	.0352	.0009	.0450	.0115	.0002	.0010	102.6	.0002	.0006
#3	-.0004	.0322	.0009	.0452	.0117	-.0000	.0027	102.9	.0002	.0005

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040	.0831	.0197	2.647	3.361	.0155	.0069	178.1	.0032	.0022
Stddev	.0004	.0005	.0029	.017	.010	.0007	.0003	4.1	.0002	.0018
%RSD	9.859	.5430	14.61	.6533	.2912	4.737	4.213	2.285	6.696	81.88

#1	.0040	.0826	.0214	2.664	3.352	.0160	.0067	176.5	.0031	.0005
#2	.0036	.0833	.0214	2.630	3.359	.0159	.0068	182.7	.0035	.0041
#3	.0044	.0835	.0164	2.646	3.371	.0147	.0073	175.1	.0031	.0020

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044	.0014	4.382	.0018	.1236	.0022	-.0020	.0143	.0029
Stddev	.0008	.0023	.004	.0005	.0002	.0001	.0014	.0002	.0001
%RSD	17.87	160.5	.0943	25.22	.1591	4.238	68.44	1.611	1.710

#1	.0041	.0039	4.378	.0021	.1236	.0023	-.0032	.0141	.0030
#2	.0052	.0010	4.382	.0020	.1234	.0021	-.0023	.0146	.0029
#3	.0038	-.0006	4.387	.0013	.1238	.0021	-.0005	.0142	.0030

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3701.9	59476.	5733.1
Stddev	4.8	204.	9.0
%RSD	.12854	.34318	.15676

#1	3705.4	59466.	5740.7
#2	3703.7	59277.	5735.4
#3	3696.4	59685.	5723.2

Sample Name: L1806872-06,C Acquired: 3/10/2018 13:42:11 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	.0449	.0017	.0332	.0092	.0000	.0005	85.00	.0001	.0003
Stddev	.0004	.0074	.0022	.0004	.0001	.0001	.0009	.17	.0000	.0002
%RSD	111.2	16.56	129.9	1.183	.7913	1209.	171.1	.1981	21.79	62.20

#1	.0008	.0445	.0014	.0336	.0093	.0001	.0004	84.87	.0002	.0003
#2	-.0000	.0377	-.0004	.0328	.0092	-.0001	.0014	85.19	.0001	.0006
#3	.0004	.0525	.0040	.0332	.0092	.0001	-.0003	84.94	.0001	.0002

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033	.0638	.0147	2.203	2.958	.0125	.0059	151.0	.0027	.0007
Stddev	.0002	.0001	.0034	.045	.020	.0003	.0003	.9	.0001	.0010
%RSD	5.320	.2085	23.31	2.047	.6582	2.413	4.394	.6182	3.244	151.1

#1	.0033	.0640	.0110	2.170	2.941	.0125	.0061	151.3	.0027	.0018
#2	.0031	.0638	.0152	2.255	2.954	.0122	.0058	149.9	.0028	.0004
#3	.0035	.0637	.0178	2.186	2.980	.0128	.0056	151.7	.0027	-.0002

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	-.0001	3.619	.0009	.1013	.0027	.0001	.0120	.0018
Stddev	.0008	.0014	.017	.0014	.0003	.0003	.0011	.0005	.0002
%RSD	334.2	1434.	.4754	162.9	.3108	12.48	900.4	4.233	12.66

#1	-.0001	.0008	3.610	.0012	.1010	.0026	.0013	.0118	.0019
#2	.0012	-.0017	3.609	-.0007	.1016	.0023	-.0009	.0126	.0015
#3	-.0003	.0006	3.639	.0021	.1012	.0030	.0000	.0117	.0020

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3742.4	59733.	5674.6
Stddev	7.9	147.	35.4
%RSD	.21058	.24639	.62376

#1	3749.4	59876.	5705.7
#2	3743.8	59582.	5682.0
#3	3733.8	59742.	5636.1

Sample Name: L1806872-07,C Acquired: 3/10/2018 13:46:58 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.3640	.0002	.0447	.0146	.0001	.0003	42.09	.0042	.0016
Stddev	.0007	.0028	.0027	.0003	.0001	.0000	.0014	.05	.0001	.0001
%RSD	439.4	.7793	1448.	.6262	.7869	44.24	478.9	.1180	1.525	6.317

#1	-.0010	.3664	-.0022	.0444	.0145	.0001	-.0013	42.05	.0041	.0017
#2	.0001	.3609	-.0004	.0450	.0147	.0000	.0010	42.08	.0042	.0015
#3	.0004	.3647	.0032	.0447	.0146	.0001	.0012	42.15	.0042	.0017

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144	.0419	.1216	2.195	2.865	.0963	.0042	152.3	.0108	.0045
Stddev	.0002	.0001	.0011	.042	.019	.0005	.0002	1.4	.0002	.0005
%RSD	1.440	.2020	.8772	1.928	.6613	.4869	4.983	.9365	1.628	11.50

#1	.0146	.0419	.1229	2.238	2.855	.0967	.0044	152.5	.0110	.0041
#2	.0142	.0419	.1210	2.153	2.854	.0958	.0040	150.7	.0107	.0051
#3	.0145	.0420	.1210	2.194	2.887	.0965	.0041	153.6	.0108	.0044

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0001	7.511	.0019	.1494	.0117	.0008	.0078	.2093
Stddev	.0019	.0028	.019	.0003	.0002	.0003	.0020	.0005	.0009
%RSD	4406.	3897.	.2533	16.35	.1520	2.739	246.4	6.435	.4222

#1	.0002	-.0025	7.499	.0017	.1496	.0115	.0026	.0075	.2084
#2	-.0019	-.0005	7.501	.0017	.1492	.0121	.0012	.0075	.2094
#3	.0019	.0031	7.533	.0022	.1495	.0116	-.0014	.0084	.2102

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3765.9	59825.	5698.7
Stddev	7.7	261.	28.6
%RSD	.20524	.43615	.50196

#1	3774.8	59531.	5714.0
#2	3761.3	60029.	5716.4
#3	3761.6	59916.	5665.7

Sample Name: L1806872-08,C Acquired: 3/10/2018 13:51:46 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0000	.3198	.0033	.0438	.0157	-.0000	.0003	64.03	.0006	.0006
Stddev	.0005	.0110	.0009	.0010	.0001	.0002	.0011	.09	.0000	.0001
%RSD	1268.	3.447	29.13	2.293	.3389	1084.	324.9	.1411	7.582	10.88

#1	.0005	.3322	.0041	.0427	.0158	.0002	-.0008	64.11	.0006	.0006
#2	-.0003	.3112	.0035	.0441	.0157	-.0001	.0005	64.04	.0005	.0005
#3	-.0004	.3160	.0022	.0446	.0157	-.0001	.0013	63.93	.0006	.0006

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111	.0191	.1657	2.376	2.918	.0553	.0075	135.4	.0015	.0026
Stddev	.0004	.0004	.0018	.035	.017	.0007	.0001	.1	.0004	.0007
%RSD	3.168	2.035	1.103	1.465	.5904	1.251	1.518	.1041	23.18	26.73

#1	.0107	.0190	.1650	2.381	2.938	.0545	.0074	135.5	.0011	.0020
#2	.0111	.0188	.1678	2.408	2.908	.0555	.0074	135.3	.0017	.0033
#3	.0114	.0195	.1643	2.339	2.907	.0559	.0076	135.3	.0018	.0024

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020	.0015	6.729	.0013	.1949	.0129	-.0008	.0100	.0039
Stddev	.0011	.0021	.027	.0008	.0002	.0005	.0015	.0002	.0001
%RSD	55.80	141.2	.4062	63.07	.0922	3.722	178.6	2.138	2.423

#1	.0033	.0004	6.714	.0021	.1949	.0134	.0007	.0097	.0038
#2	.0012	.0039	6.713	.0005	.1951	.0127	-.0009	.0102	.0040
#3	.0015	.0002	6.761	.0012	.1947	.0125	-.0022	.0100	.0038

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3763.3	60369.	5693.2
Stddev	6.3	58.	21.6
%RSD	.16752	.09565	.37953

#1	3765.4	60433.	5668.3
#2	3768.3	60353.	5705.0
#3	3756.2	60321.	5706.4

Sample Name: L1806872-09,C Acquired: 3/10/2018 13:56:23 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0279	.0016	.0314	.0134	.0002	.0011	76.78	-.0001	.0002
Stddev	.0006	.0114	.0011	.0001	.0001	.0000	.0007	.09	.0000	.0001
%RSD	245.3	40.93	65.93	.3484	.4396	19.80	59.88	.1232	9.447	61.95

#1	-.0002	.0380	.0028	.0314	.0134	.0002	.0003	76.69	-.0001	.0001
#2	.0009	.0301	.0007	.0315	.0134	.0002	.0014	76.77	-.0001	.0002
#3	-.0000	.0155	.0015	.0313	.0135	.0002	.0015	76.88	-.0001	.0004

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018	.0237	.0058	2.667	2.629	.0082	.0092	149.0	.0011	.0019
Stddev	.0003	.0005	.0023	.029	.008	.0004	.0001	.9	.0004	.0019
%RSD	13.96	1.978	39.06	1.080	.3045	4.848	1.315	.6073	37.59	101.1

#1	.0017	.0237	.0047	2.693	2.638	.0080	.0091	149.9	.0007	.0040
#2	.0016	.0233	.0043	2.670	2.627	.0079	.0091	149.1	.0012	.0013
#3	.0021	.0242	.0084	2.636	2.623	.0087	.0093	148.1	.0015	.0003

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036	.0033	3.148	.0012	.2390	.0020	-.0006	.0181	.0008
Stddev	.0015	.0021	.009	.0001	.0006	.0004	.0017	.0003	.0001
%RSD	41.78	63.19	.2865	12.30	.2363	19.14	294.2	1.494	7.006

#1	.0035	.0029	3.138	.0011	.2388	.0016	.0014	.0183	.0008
#2	.0052	.0055	3.148	.0011	.2385	.0023	-.0016	.0178	.0008
#3	.0022	.0014	3.156	.0014	.2396	.0022	-.0015	.0182	.0007

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3722.5	60533.	5696.3
Stddev	10.2	220.	10.9
%RSD	.27490	.36264	.19146

#1	3724.0	60439.	5685.3
#2	3731.8	60375.	5696.7
#3	3711.5	60783.	5707.1

Sample Name: L1806872-10,C Acquired: 3/10/2018 14:01:08 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0748	.0022	.0410	.0080	.0001	.0016	43.98	.0026	.0012
Stddev	.0006	.0084	.0011	.0003	.0000	.0001	.0007	.05	.0001	.0002
%RSD	968.5	11.21	50.50	.7099	.5011	68.82	47.75	.1111	2.334	17.75

#1	-.0001	.0836	.0015	.0407	.0080	.0001	.0021	43.98	.0025	.0010
#2	-.0005	.0739	.0016	.0411	.0079	.0000	.0019	43.93	.0025	.0014
#3	.0007	.0669	.0034	.0412	.0080	.0001	.0007	44.03	.0026	.0013

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068	.0106	.0307	1.612	2.867	.0616	.0027	140.5	.0070	.0019
Stddev	.0005	.0001	.0012	.034	.029	.0006	.0003	1.9	.0003	.0008
%RSD	7.017	1.348	3.777	2.099	1.030	.9888	10.02	1.326	4.581	44.20

#1	.0071	.0108	.0320	1.616	2.855	.0619	.0030	142.5	.0066	.0010
#2	.0062	.0105	.0297	1.644	2.845	.0609	.0027	138.9	.0070	.0020
#3	.0071	.0106	.0304	1.576	2.900	.0620	.0025	140.1	.0073	.0026

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020	.0007	2.596	.0007	.0735	.0034	-.0006	.0078	.1712
Stddev	.0021	.0024	.010	.0006	.0002	.0001	.0029	.0002	.0004
%RSD	109.6	365.3	.3946	90.72	.3041	2.839	503.0	3.068	.2177

#1	.0028	.0029	2.589	.0014	.0737	.0034	.0014	.0081	.1712
#2	-.0005	-.0018	2.593	.0002	.0733	.0033	-.0039	.0076	.1709
#3	.0036	.0008	2.608	.0005	.0734	.0035	.0008	.0079	.1716

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3750.6	61152.	5904.9
Stddev	13.8	175.	58.5
%RSD	.36850	.28602	.98999

#1	3750.7	60961.	5928.3
#2	3764.3	61305.	5948.1
#3	3736.7	61189.	5838.4

Sample Name: L1806872-11,C Acquired: 3/10/2018 14:05:52 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.2021	.0013	.0410	.0093	.0002	-.0001	72.71	.0026	.0011
Stddev	.0006	.0104	.0001	.0009	.0002	.0001	.0013	.08	.0000	.0002
%RSD	968.4	5.121	8.115	2.079	2.261	82.89	1185.	.1086	.8527	18.15

#1	.0006	.2083	.0014	.0412	.0094	.0002	-.0008	72.77	.0026	.0009
#2	-.0006	.2079	.0014	.0400	.0090	.0003	-.0009	72.74	.0026	.0012
#3	-.0001	.1902	.0012	.0417	.0094	.0000	.0014	72.62	.0026	.0012

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103	.0171	.0886	1.744	3.129	.0480	.0049	150.5	.0071	.0028
Stddev	.0006	.0003	.0048	.034	.028	.0003	.0001	1.4	.0001	.0018
%RSD	5.446	1.585	5.369	1.968	.8799	.6922	1.916	.9103	2.035	64.70

#1	.0109	.0172	.0839	1.775	3.156	.0482	.0048	151.9	.0070	.0019
#2	.0101	.0174	.0883	1.707	3.101	.0482	.0050	149.1	.0072	.0050
#3	.0098	.0168	.0934	1.750	3.130	.0476	.0050	150.4	.0070	.0017

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023	.0015	5.751	.0024	.0872	.0093	-.0008	.0124	.0934
Stddev	.0014	.0018	.014	.0007	.0005	.0002	.0009	.0001	.0002
%RSD	60.38	120.1	.2426	28.77	.5714	2.613	121.3	1.060	.2423

#1	.0007	.0025	5.752	.0027	.0877	.0096	-.0011	.0125	.0935
#2	.0030	-.0006	5.737	.0016	.0867	.0091	-.0015	.0123	.0931
#3	.0034	.0026	5.765	.0029	.0872	.0092	.0003	.0125	.0936

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3749.5	60123.	5718.0
Stddev	11.3	82.	51.0
%RSD	.30081	.13696	.89249

#1	3749.6	60191.	5675.8
#2	3760.8	60148.	5774.8
#3	3738.2	60031.	5703.5

Sample Name: CCV Acquired: 3/10/2018 14:10:38 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5038	.5440	.5273	.5124	.5137	.5119	.4971	.5413	.5110	.5139
Stddev	.0011	.0061	.0048	.0018	.0016	.0014	.0021	.0086	.0019	.0027
%RSD	.2196	1.112	.9058	.3556	.3132	.2702	.4236	1.592	.3806	.5232
#1	.5028	.5376	.5223	.5108	.5119	.5103	.4947	.5382	.5097	.5114
#2	.5035	.5497	.5318	.5120	.5151	.5126	.4984	.5510	.5101	.5137
#3	.5050	.5446	.5279	.5144	.5141	.5128	.4983	.5346	.5132	.5167

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **None** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5088	.5080	.5260	5.176	.5171	.5235	.5105	10.19	.5097	.5205
Stddev	.0017	.0009	.0012	.015	.0067	.0008	.0035	.04	.0029	.0024
%RSD	.3248	.1803	.2352	.2965	1.289	.1513	.6767	.3697	.5654	.4563
#1	.5070	.5072	.5267	5.191	.5191	.5232	.5075	10.21	.5076	.5180
#2	.5102	.5079	.5267	5.160	.5097	.5229	.5098	10.15	.5086	.5207
#3	.5092	.5090	.5246	5.178	.5226	.5244	.5143	10.22	.5130	.5227

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5224	.5032	5.239	.5156	.4928	.5054	.5076	.5234	.5013
Stddev	.0022	.0047	.023	.0030	.0020	.0008	.0027	.0011	.0022
%RSD	.4210	.9314	.4364	.5902	.4110	.1569	.5256	.2123	.4476
#1	.5205	.4993	5.219	.5123	.4905	.5053	.5048	.5224	.4997
#2	.5219	.5020	5.235	.5161	.4945	.5047	.5081	.5233	.5003
#3	.5248	.5084	5.264	.5184	.4933	.5063	.5101	.5246	.5039

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3943.5	64176.	5854.5
Stddev	11.2	297.	75.2
%RSD	.28374	.46308	1.2840
#1	3949.4	64515.	5770.2
#2	3950.5	63959.	5914.5
#3	3930.6	64054.	5879.0

Sample Name: CCB Acquired: 3/10/2018 14:15:08 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	.0020	.0043	.0001	.0005	.0006	.0003	.0140	.0003	.0005
Stddev	.0003	.0122	.0023	.0002	.0001	.0000	.0016	.0076	.0000	.0000
%RSD	34.31	600.3	53.17	161.4	23.19	5.008	525.4	54.08	6.739	6.291
#1	.0009	-.0110	.0067	.0002	.0005	.0005	.0020	.0197	.0004	.0006
#2	.0005	.0040	.0040	.0004	.0005	.0006	-.0012	.0169	.0003	.0005
#3	.0011	.0132	.0022	-.0001	.0003	.0006	.0001	.0054	.0003	.0005

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	.0003	.0017	.0319	.0025	.0006	.0008	.1053	.0001	.0007
Stddev	.0002	.0002	.0028	.0202	.0022	.0000	.0003	.0165	.0002	.0010
%RSD	29.11	68.88	168.8	63.26	87.28	5.852	42.69	15.70	159.0	140.5
#1	.0009	.0002	.0048	.0401	.0025	.0007	.0011	.0863	-.0001	.0019
#2	.0009	.0002	.0008	.0089	.0003	.0006	.0008	.1134	.0002	-.0001
#3	.0005	.0006	-.0006	.0466	.0046	.0006	.0004	.1162	.0003	.0004

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012	.0004	-.0016	.0023	.0006	.0004	.0004	.0002	.0005
Stddev	.0001	.0010	.0006	.0009	.0001	.0005	.0016	.0005	.0000
%RSD	4.849	233.1	38.17	39.99	10.87	119.3	376.3	241.0	7.545
#1	.0012	-.0001	-.0010	.0031	.0005	-.0001	-.0009	-.0001	.0005
#2	.0013	.0016	-.0022	.0024	.0006	.0005	.0022	.0008	.0005
#3	.0012	-.0002	-.0016	.0013	.0005	.0010	.0000	-.0000	.0005

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3946.5	63807.	5767.7
Stddev	7.1	137.	44.4
%RSD	.18095	.21462	.76917
#1	3941.7	63859.	5818.9
#2	3954.7	63910.	5740.4
#3	3943.0	63651.	5743.9

Sample Name: L1806872-12,C Acquired: 3/10/2018 14:19:50 Type: Unk
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.3126	.0009	.0422	.0105	.0000	.0007	77.11	.0019	.0009
Stddev	.0006	.0034	.0017	.0002	.0001	.0001	.0002	.20	.0000	.0002
%RSD	185.1	1.080	186.3	.4834	1.092	101.3	24.04	.2558	2.173	22.09

#1	-.0003	.3116	.0017	.0419	.0104	.0001	.0007	77.08	.0019	.0011
#2	.0009	.3164	-.0010	.0423	.0106	.0001	.0009	77.33	.0020	.0010
#3	.0005	.3099	.0020	.0423	.0106	-.0000	.0006	76.94	.0019	.0007

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139	.0215	.1384	1.832	3.382	.0492	.0051	153.2	.0062	.0053
Stddev	.0002	.0006	.0024	.063	.009	.0004	.0002	1.5	.0003	.0005
%RSD	1.404	2.657	1.728	3.443	.2567	.8482	3.761	.9862	4.102	10.07

#1	.0140	.0221	.1389	1.896	3.390	.0491	.0051	153.1	.0063	.0056
#2	.0141	.0210	.1358	1.770	3.373	.0497	.0053	154.7	.0059	.0056
#3	.0137	.0214	.1405	1.830	3.384	.0488	.0049	151.7	.0064	.0047

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014	.0031	7.070	.0032	.0881	.0121	-.0027	.0143	.0515
Stddev	.0010	.0015	.017	.0007	.0003	.0002	.0009	.0003	.0002
%RSD	73.52	48.57	.2367	21.31	.3708	1.741	33.50	2.256	.4011

#1	.0024	.0018	7.060	.0040	.0879	.0121	-.0036	.0146	.0513
#2	.0015	.0028	7.061	.0026	.0884	.0119	-.0018	.0139	.0515
#3	.0003	.0048	7.090	.0031	.0879	.0123	-.0027	.0143	.0517

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3742.1	59632.	5654.2
Stddev	4.1	158.	12.9
%RSD	.10973	.26544	.22883

#1	3744.0	59743.	5641.8
#2	3744.9	59451.	5667.6
#3	3737.4	59703.	5653.3

Sample Name: 0.005 Acquired: 3/10/2018 14:24:35 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050	.0083	.0050	.0049	.0047	.0052	.0052	.0170	.0049	.0051
Stddev	.0003	.0108	.0026	.0003	.0002	.0001	.0013	.0042	.0001	.0001
%RSD	6.029	130.6	51.41	6.281	3.892	2.125	23.85	24.76	1.151	1.686
#1	.0053	-.0034	.0076	.0046	.0050	.0052	.0067	.0216	.0049	.0050
#2	.0048	.0178	.0025	.0052	.0046	.0053	.0047	.0159	.0049	.0051
#3	.0048	.0104	.0049	.0050	.0046	.0051	.0044	.0134	.0050	.0052

Check ? **Chk Pass** None **Chk Pass** None None **Chk Pass** None None **Chk Pass** None
 High Limit
 Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050	.0051	.0028	.0758	.0068	.0048	.0050	.1099	.0046	.0062
Stddev	.0006	.0002	.0017	.0390	.0007	.0001	.0002	.0167	.0003	.0010
%RSD	11.45	4.644	59.85	51.46	9.767	2.063	3.726	15.15	7.340	16.54
#1	.0053	.0050	.0039	.0309	.0075	.0048	.0051	.1018	.0042	.0064
#2	.0044	.0050	.0009	.0960	.0062	.0049	.0048	.0989	.0049	.0051
#3	.0054	.0054	.0035	.1007	.0068	.0048	.0050	.1291	.0047	.0071

Check ? None None None None None None None None None None
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059	.0074	-.0032	.0052	.0049	.0050	.0045	.0049	.0052
Stddev	.0010	.0016	.0010	.0002	.0002	.0004	.0009	.0002	.0000
%RSD	17.35	21.20	31.19	4.770	4.473	7.452	18.91	4.263	.7541
#1	.0062	.0092	-.0021	.0049	.0051	.0052	.0039	.0051	.0053
#2	.0067	.0063	-.0035	.0052	.0047	.0053	.0055	.0047	.0052
#3	.0047	.0068	-.0041	.0054	.0049	.0046	.0042	.0048	.0053

Check ? None None None None None None None None None
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4081.3	65965.	5897.9
Stddev	24.3	549.	46.2
%RSD	.59500	.83204	.78324
#1	4107.8	65529.	5949.0
#2	4076.1	66581.	5859.3
#3	4060.1	65785.	5885.3

Sample Name: 0.01 Acquired: 3/10/2018 14:29:15 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108	.0114	.0109	.0105	.0101	.0102	.0093	.0120	.0102	.0103
Stddev	.0006	.0034	.0021	.0005	.0001	.0001	.0007	.0070	.0001	.0002
%RSD	5.241	29.66	18.99	4.344	.5113	.5654	7.668	58.45	.7659	2.285
#1	.0111	.0076	.0104	.0105	.0101	.0102	.0094	.0052	.0103	.0103
#2	.0101	.0140	.0132	.0101	.0101	.0102	.0085	.0192	.0102	.0100
#3	.0112	.0125	.0091	.0110	.0100	.0103	.0099	.0116	.0101	.0105

Check ? None None None **Chk Pass** **Chk Pass** None **Chk Pass** None None **Chk Pass**
 Value
 Range

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105	.0104	.0102	.1099	.0097	.0104	.0102	.0971	.0098	.0112
Stddev	.0006	.0002	.0020	.0103	.0013	.0002	.0003	.0114	.0005	.0013
%RSD	5.378	2.079	19.30	9.337	13.72	2.094	2.853	11.77	4.882	11.87
#1	.0099	.0102	.0117	.0989	.0100	.0104	.0105	.0866	.0103	.0122
#2	.0105	.0104	.0080	.1117	.0109	.0106	.0099	.1093	.0093	.0116
#3	.0110	.0106	.0111	.1192	.0083	.0101	.0102	.0953	.0098	.0097

Check ? **Chk Pass** **Chk Pass** None None None **Chk Pass** **Chk Pass** None **Chk Pass** **Chk Pass**
 Value
 Range

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097	W .0078	-.0036	.0098	.0101	.0102	.0104	.0099	.0102
Stddev	.0017	.0042	.0012	.0007	.0003	.0001	.0015	.0004	.0001
%RSD	17.89	53.22	32.60	7.332	2.639	.5592	14.18	3.624	1.078
#1	.0080	.0030	-.0050	.0096	.0100	.0102	.0088	.0096	.0102
#2	.0097	.0101	-.0032	.0106	.0099	.0102	.0105	.0103	.0101
#3	.0115	.0103	-.0027	.0093	.0104	.0101	.0117	.0100	.0103

Check ? None **Chk Warn** None **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** None
 Value
 Range **.0121**
 .0080

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4009.4	65610.	5845.3
Stddev	1.9	849.	18.6
%RSD	.04647	1.2947	.31780
#1	4008.2	66579.	5861.7
#2	4011.5	65254.	5849.0
#3	4008.4	64996.	5825.1

Sample Name: 0.05 Acquired: 3/10/2018 14:33:54 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1096137 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0505	.0511	.0518	.0496	.0500	.0510	.0490	.0537	.0500	.0504
Stddev	.0002	.0063	.0007	.0010	.0003	.0003	.0005	.0104	.0002	.0001
%RSD	.3686	12.41	1.411	2.106	.6541	.6728	.9443	19.37	.4435	.2802

#1	.0503	.0523	.0519	.0485	.0502	.0514	.0495	.0648	.0500	.0503
#2	.0505	.0442	.0526	.0497	.0501	.0507	.0490	.0521	.0498	.0504
#3	.0507	.0567	.0511	.0506	.0496	.0509	.0485	.0442	.0502	.0506

Check ?	None	Chk Pass	None	None	None	None	None	Chk Pass	None	None
Value										
Range										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0509	.0514	.0501	2.582	.0508	.0514	.0498	2.269	.0502	.0498
Stddev	.0004	.0004	.0017	.017	.0022	.0003	.0004	.026	.0006	.0005
%RSD	.7200	.7424	3.386	.6605	4.335	.6235	.8784	1.158	1.260	.9649

#1	.0505	.0517	.0516	2.591	.0528	.0512	.0495	2.299	.0508	.0498
#2	.0511	.0515	.0505	2.562	.0484	.0513	.0496	2.253	.0495	.0503
#3	.0511	.0510	.0482	2.592	.0510	.0518	.0503	2.254	.0503	.0494

Check ?	None	None	Chk Pass	Chk Pass	Chk Pass	None	None	Chk Pass	None	None
Value										
Range										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0511	.0511	.4958	.0501	.0490	.0505	.0509	.0500	.0499
Stddev	.0001	.0020	.0045	.0004	.0002	.0006	.0010	.0004	.0003
%RSD	.2558	3.961	.9080	.7778	.4495	1.148	2.010	.7768	.5853

#1	.0510	.0525	.4943	.0505	.0492	.0510	.0512	.0502	.0499
#2	.0513	.0521	.4923	.0499	.0489	.0499	.0498	.0503	.0496
#3	.0511	.0488	.5009	.0499	.0488	.0505	.0517	.0496	.0502

Check ?	Chk Pass	None	Chk Pass	None	None	None	None	Chk Pass	Chk Pass
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4039.7	65291.	5895.0
Stddev	17.5	87.	32.3
%RSD	.43218	.13309	.54825

#1	4051.2	65295.	5857.8
#2	4048.3	65202.	5910.9
#3	4019.6	65375.	5916.2

Sample Name: ICSA Acquired: 3/10/2018 14:38:29 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	290.1	-.0003	.0075	.0006	.0001	.0124	279.7	.0028	-.0002
Stddev	.0003	.5	.0046	.0007	.0001	.0001	.0006	.5	.0000	.0003
%RSD	49.08	.1749	1561.	9.266	17.27	114.7	4.782	.1944	1.356	146.7
#1	.0006	290.7	-.0055	.0079	.0005	.0002	.0125	280.3	.0028	-.0002
#2	.0003	289.8	.0033	.0067	.0005	.0001	.0129	279.4	.0028	-.0005
#3	.0008	289.8	.0013	.0079	.0007	.0000	.0117	279.3	.0028	.0001

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018	-.0073	107.6	.0298	258.7	.0032	-.0013	.1280	-.0075	-.0009
Stddev	.0001	.0003	.1	.0208	1.0	.0002	.0003	.0077	.0007	.0005
%RSD	3.080	4.314	.0928	69.88	.4046	5.937	19.92	6.004	9.552	55.50
#1	.0018	-.0070	107.6	.0102	259.9	.0031	-.0013	.1235	-.0072	-.0015
#2	.0018	-.0074	107.5	.0277	257.9	.0031	-.0011	.1369	-.0070	-.0008
#3	.0017	-.0076	107.7	.0517	258.4	.0034	-.0016	.1236	-.0083	-.0005

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0115	-.0049	-.0058	-.0017	.0094	.0054	.0007	-.0101	.0041
Stddev	.0030	.0027	.0019	.0019	.0002	.0004	.0022	.0002	.0002
%RSD	26.35	56.06	32.19	106.6	1.989	6.788	307.4	2.211	5.218
#1	-.0088	-.0068	-.0076	-.0020	.0094	.0057	.0015	-.0103	.0041
#2	-.0148	-.0061	-.0039	.0002	.0096	.0050	.0024	-.0101	.0043
#3	-.0110	-.0018	-.0058	-.0034	.0092	.0056	-.0017	-.0098	.0039

Check ? Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3594.0	58576.	5684.9
Stddev	12.5	109.	25.4
%RSD	.34891	.18664	.44656
#1	3596.7	58550.	5656.7
#2	3605.0	58696.	5692.2
#3	3580.4	58482.	5705.9

Sample Name: ICSAB Acquired: 3/10/2018 14:43:16 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3132	9.900	1.115	.5585	.3157	.1086	1.091	50.68	.3273	.3312
Stddev	.0013	.033	.007	.0018	.0003	.0003	.004	.19	.0008	.0016
%RSD	.4083	.3300	.5909	.3159	.0884	.2806	.3524	.3740	.2317	.4722
#1	.3142	9.898	1.108	.5576	.3161	.1088	1.088	50.52	.3271	.3304
#2	.3118	9.868	1.117	.5574	.3156	.1082	1.089	50.63	.3268	.3302
#3	.3137	9.933	1.120	.5606	.3155	.1087	1.095	50.89	.3282	.3330

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **None** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3306	.3361	40.94	20.79	23.41	.2098	.3405	7.541	.3207	1.063
Stddev	.0010	.0006	.14	.06	.10	.0003	.0016	.040	.0010	.003
%RSD	.2888	.1817	.3522	.2697	.4335	.1579	.4733	.5254	.3076	.3226
#1	.3317	.3361	40.93	20.84	23.35	.2095	.3389	7.583	.3211	1.061
#2	.3298	.3355	40.79	20.73	23.35	.2098	.3405	7.534	.3196	1.061
#3	.3304	.3367	41.08	20.80	23.53	.2102	.3422	7.505	.3214	1.067

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.094	.5652	1.329	1.090	1.068	1.111	1.075	.3227	.3325
Stddev	.017	.0044	.005	.007	.001	.001	.003	.0005	.0006
%RSD	1.537	.7701	.3956	.6167	.1058	.1216	.2655	.1608	.1673
#1	1.078	.5603	1.324	1.086	1.068	1.110	1.078	.3222	.3329
#2	1.092	.5666	1.327	1.088	1.066	1.112	1.073	.3228	.3318
#3	1.112	.5686	1.334	1.098	1.069	1.112	1.074	.3232	.3327

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3876.7	63803.	6009.1
Stddev	5.3	114.	27.0
%RSD	.13569	.17944	.44967
#1	3876.8	63900.	6027.8
#2	3881.9	63677.	6021.4
#3	3871.4	63832.	5978.1

Sample Name: CRI Acquired: 3/10/2018 14:47:42 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214	F 4.589	F .0261	.1129	.0427	.0114	.0238	F .5543	.0112	.1093
Stddev	.0003	.026	.0009	.0007	.0000	.0001	.0008	.0052	.0000	.0003
%RSD	1.387	.5607	3.475	.6354	.1092	.6248	3.328	.9360	.2349	.2921

#1	.0215	4.584	.0266	.1137	.0426	.0113	.0247	.5488	.0111	.1095
#2	.0217	4.566	.0268	.1123	.0427	.0113	.0235	.5590	.0112	.1089
#3	.0211	4.617	.0251	.1128	.0427	.0114	.0232	.5552	.0112	.1095

Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass	None	Chk Fail	Chk Pass	Chk Pass
High Limit		.5219	.0261					.5219		
Low Limit		.2781	.0139					.2781		

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234	.0573	F .2855	5.272	W .4956	.0310	.1098	5.137	.0852	.0504
Stddev	.0006	.0001	.0030	.045	.0027	.0004	.0008	.047	.0006	.0009
%RSD	2.753	.1390	1.055	.8533	.5496	1.189	.7062	.9229	.6634	1.784

#1	.0237	.0574	.2879	5.228	.4970	.0309	.1094	5.111	.0855	.0511
#2	.0227	.0572	.2821	5.269	.4925	.0307	.1094	5.108	.0846	.0494
#3	.0239	.0574	.2864	5.318	.4974	.0314	.1107	5.192	.0856	.0508

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit			.2610		.4819					
Low Limit			.1390		.3181					

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	W .1239	.0219	1.078	F .0279	.0222	.0238	W .0241	.1080	F .0527
Stddev	.0008	.0023	.003	.0006	.0001	.0003	.0015	.0005	.0001
%RSD	.6574	10.67	.3046	2.204	.4827	1.262	6.207	.4261	.2449

#1	.1237	.0193	1.079	.0277	.0221	.0239	.0256	.1075	.0529
#2	.1232	.0238	1.075	.0285	.0224	.0241	.0243	.1080	.0528
#3	.1248	.0227	1.081	.0273	.0222	.0235	.0226	.1084	.0526

Check ?	Chk Warn	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Fail
High Limit	.1205			.0261			.0241		.0522
Low Limit	.0795			.0139			.0159		.0278

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4038.1	66577.	6128.5
Stddev	11.3	101.	17.5
%RSD	.27912	.15097	.28636

#1	4031.6	66499.	6114.6
#2	4051.1	66690.	6148.2
#3	4031.5	66542.	6122.7

Sample Name: CCV Acquired: 3/10/2018 14:52:18 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4974	.5313	.5255	.5092	.5058	.5066	.4931	.5387	.5065	.5105
Stddev	.0025	.0039	.0049	.0015	.0010	.0015	.0006	.0082	.0015	.0017
%RSD	.5104	.7255	.9259	.3038	.1912	.3015	.1144	1.525	.2958	.3392
#1	.4946	.5296	.5289	.5088	.5058	.5066	.4934	.5298	.5052	.5089
#2	.4978	.5358	.5200	.5078	.5068	.5081	.4924	.5459	.5061	.5103
#3	.4996	.5286	.5277	.5109	.5049	.5051	.4934	.5404	.5081	.5124

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **None** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5051	.5044	.5270	4.922	.5115	.5153	.5063	9.814	.5053	.5172
Stddev	.0012	.0006	.0015	.020	.0015	.0021	.0020	.024	.0013	.0029
%RSD	.2348	.1192	.2813	.4061	.2958	.4167	.3928	.2449	.2476	.5569
#1	.5049	.5047	.5257	4.945	.5099	.5170	.5048	9.827	.5046	.5139
#2	.5064	.5037	.5286	4.913	.5129	.5160	.5056	9.828	.5045	.5185
#3	.5041	.5048	.5266	4.908	.5118	.5129	.5086	9.786	.5067	.5192

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5283	.5011	5.199	.5134	.4884	.5019	.5022	.5189	.4957
Stddev	.0026	.0021	.018	.0011	.0016	.0007	.0024	.0009	.0015
%RSD	.4937	.4151	.3402	.2097	.3262	.1358	.4797	.1716	.2977
#1	.5287	.5007	5.191	.5129	.4872	.5025	.4995	.5187	.4941
#2	.5255	.4994	5.186	.5126	.4902	.5012	.5030	.5181	.4962
#3	.5307	.5034	5.219	.5146	.4878	.5019	.5041	.5198	.4969

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3954.2	64397.	5931.3
Stddev	5.9	328.	23.0
%RSD	.14867	.50949	.38749
#1	3960.7	64393.	5951.3
#2	3952.8	64072.	5906.2
#3	3949.2	64728.	5936.3

Sample Name: CCB Acquired: 3/10/2018 14:56:47 Type: QC
 Method: Trace_5_E200.7_SW6010(v105) Mode: CONC Corr. Factor: 1.000000
 User: AB Custom ID1: WG1095825 Custom ID2: Trace5 Custom ID3:
 Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	.0140	.0026	.0013	.0006	.0006	.0008	.0141	.0004	.0005
Stddev	.0003	.0038	.0025	.0010	.0001	.0002	.0011	.0038	.0001	.0000
%RSD	26.97	27.37	97.58	77.16	19.99	39.61	129.4	26.90	20.41	5.482
#1	.0008	.0113	-.0003	.0025	.0005	.0008	-.0003	.0101	.0005	.0005
#2	.0014	.0123	.0044	.0010	.0006	.0006	.0019	.0147	.0005	.0006
#3	.0011	.0184	.0038	.0005	.0007	.0003	.0009	.0176	.0003	.0005

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0004	.0080	-.0231	.0104	.0004	.0011	.0517	.0000	.0010
Stddev	.0002	.0003	.0026	.0289	.0020	.0002	.0002	.0085	.0003	.0011
%RSD	51.10	89.78	32.73	125.1	18.73	44.45	18.78	16.41	1477.	112.7
#1	.0002	.0007	.0050	-.0551	.0118	.0005	.0013	.0601	.0002	.0021
#2	.0005	.0003	.0098	.0012	.0082	.0005	.0011	.0431	.0002	.0010
#3	.0007	.0001	.0092	-.0155	.0113	.0002	.0009	.0518	-.0003	-.0001

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027	-.0007	-.0025	.0028	.0007	.0004	-.0005	.0006	.0005
Stddev	.0010	.0005	.0023	.0001	.0002	.0001	.0011	.0002	.0001
%RSD	37.78	73.32	93.33	2.338	25.58	28.45	222.4	42.00	16.58
#1	.0036	-.0010	-.0000	.0029	.0006	.0006	-.0010	.0003	.0006
#2	.0031	-.0010	-.0029	.0029	.0009	.0004	-.0013	.0008	.0004
#3	.0016	-.0001	-.0046	.0028	.0006	.0003	.0008	.0007	.0005

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
 High Limit
 Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3941.8	64031.	5797.4
Stddev	12.5	199.	28.8
%RSD	.31746	.31077	.49660
#1	3955.6	63925.	5765.5
#2	3938.5	64261.	5805.2
#3	3931.2	63908.	5821.4

Work Group

ALPHA ANALYTICAL LABORATORIES, INC.
 Metals Batch Report - TCLP Metals (Connecticut) - (CT-MET-C) Batch WG1094000 for dept. 5
 Mar 14, 2018 16:03

Sample No.	Client No.	Sample I.D.	Mat	Due	Sb	Be	Cd	Cu	Se	Ni	Zn
					Pr	As	Ba	Cr	Pb	Ag	Tl
L1806872-01		SDT-DS-BFT-PC03	3	0314	X	X	X	X	X	X	X
L1806872-02		SDT-DS-BFT-PC06	3	0314	X	X	X	X	X	X	X
L1806872-03		SDT-DS-BFT-PC08	3	0314	X	X	X	X	X	X	X
L1806872-04		SDT-DS-BFT-CC03	3	0314	X	X	X	X	X	X	X
L1806872-05		SDT-DS-BFT-CC06	3	0314	X	X	X	X	X	X	X
L1806872-06		SDT-DS-BFT-CC08	3	0314	X	X	X	X	X	X	X
L1806872-07		SDT-DS-GVT-PC02	3	0314	X	X	X	X	X	X	X
L1806872-08		SDT-DS-GVT-PC04	3	0314	X	X	X	X	X	X	X
L1806872-09		SDT-DS-GVT-PC05	3	0314	X	X	X	X	X	X	X
L1806872-10		SDT-DS-GVT-CC02	3	0314	X	X	X	X	X	X	X
L1806872-11		SDT-DS-GVT-CC04	3	0314	X	X	X	X	X	X	X
L1806872-12		SDT-DS-GVT-CC05	3	0314	X	X	X	X	X	X	X
WG1094000-1		Laboratory Method	3		X	X	X	X	X	X	X
WG1094000-2		Laboratory Contro	3		X	X	X	X	X	X	X

Sample Preparation





METALS ELN REPORT

Workgroup: WG1094000

Digestion

Prep Method	Acid Type 1	Acid 1 Lot	Acid Type 2	Acid 2 Lot	Spike Type	Lims Spike Lot	Spike Lot	Post Spike Spikelot	Spike Lot	Pipette Id
EPA 3015	HNO3	C799058	HCl	C800677	METALS	METSPIKE2	IPS,FPS,MIX	METSPIKE2	IPS,FPS,MIX	142, 235

Additional Reagent/Std

Sample/Type	Digestion Date	Analyst	Sample Vol ml	Spike Amt ml	Start Date/Time	Microwave Unit	Stop Date/Time	Final Vol	Tcpl Extract Date	Comments
L1806872-01 SOIL	03/02/18 16:33	Alp Demiroz	5		03/02/18 16:33	2039	03/02/18 17:05	50	03/01/18 05:08	
L1806872-02 SOIL	03/02/18 16:33	Alp Demiroz	5		03/02/18 16:33	2039	03/02/18 17:05	50	03/01/18 05:08	
L1806872-03 SOIL	03/02/18 16:33	Alp Demiroz	5		03/02/18 16:33	2039	03/02/18 17:05	50	03/01/18 05:08	
L1806872-04 SOIL	03/02/18 16:33	Alp Demiroz	5		03/02/18 16:33	2039	03/02/18 17:05	50	03/01/18 05:08	
L1806872-05 SOIL	03/02/18 16:33	Alp Demiroz	5		03/02/18 16:33	2039	03/02/18 17:05	50	03/01/18 05:08	
L1806872-06 SOIL	03/02/18 16:33	Alp Demiroz	5		03/02/18 16:33	2039	03/02/18 17:05	50	03/01/18 05:08	
L1806872-07 SOIL	03/02/18 16:33	Alp Demiroz	5		03/02/18 16:33	2039	03/02/18 17:05	50	03/01/18 05:08	
L1806872-08 SOIL	03/02/18 16:33	Alp Demiroz	5		03/02/18 16:33	2039	03/02/18 17:05	50	03/01/18 05:08	
L1806872-09 SOIL	03/02/18 16:33	Alp Demiroz	5		03/02/18 16:33	2039	03/02/18 17:05	50	03/01/18 05:08	
L1806872-10 SOIL	03/02/18 16:33	Alp Demiroz	5		03/02/18 16:33	2039	03/02/18 17:05	50	03/01/18 05:08	
L1806872-11 SOIL	03/02/18 16:33	Alp Demiroz	5		03/02/18 16:33	2039	03/02/18 17:05	50	03/01/18 05:08	
L1806872-12 SOIL	03/02/18 16:33	Alp Demiroz	5		03/02/18 16:33	2039	03/02/18 17:05	50	03/01/18 05:08	
WG1094000-1 BLANK	03/02/18 16:33	Alp Demiroz	5		03/02/18 16:33	2039	03/02/18 17:05	50	03/01/18 05:08	IPS180502112 OKA; FPS180502105 OKA; MIX180822131 5AD



METALS ELN REPORT

Workgroup: WG1094000

Sample/ Type	Digestion Date	Analyst	Sample Vol ml	Spike Amt ml	Start Date/Time	Microwave Unit	Stop Date/Time	Final Vol	Tclp Extract Date	Comments
WG1094000- 2 LCS	03/02/18 16:33	Alp Demiroz	5	.5	03/02/18 16:33	2039	03/02/18 17:05	50	03/01/18 05:08	

Reagent	Actual Volume	Units
Nitric Acid (HNO3)	2.5	ml
Hydrochloric Acid (HCl)	2	ml

Sample Number	Date	Time	Initials	Amount (g)	DI Vol. (mL)	pH (i)	1N HCL Vol (mL)	1N HCL Lot #	pH (f)	Fluid Number	Comments
L1806996-01	3/1/18	02:01	TW	5.0	98.5	7.5	3.5mL	H1L02201F	<5	1	
-02											
-03											
-04											
L1805098-02									>5	2	
-03									>5	1	
-08									>5	2	
-09									>5	2	
-23									>5	2	
-24									<5	1	
-25									>5	2	
L1806568-02									<5	1	
L1806669-01											
L1806446-01											
-02											
-03											
L1806778-01											
L1806832-01											
-02											
-03											
-04											

Page Scanned and Saved to TCLPEXT -> TCLPFLUID Folder

Initials: TW
 Date: 3/1/18

Sample Number	Date	Time	Initials	Amount (g)	DI Vol. (mL)	pH (f)	1N HCL Vol (mL)	1N HCL Lot #	pH (f)	Fluid Number	Comments
LI806832-05	3/1/08	02:01	TW	5.0	96.5	>5	3.5mL	HL022012	<5	1	
-06	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
-07	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
-08	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
-09	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
-10	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
-11	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
-12	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
LI807015-01	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	

Page Scanned and Saved to TCLPEXT -> TCLPFLUID Folder

Initials: TW
 Date: 3/1/08

Wgs: 1493318 F21093351

TCLP Fluid Lot #: <u>FITCLP0227-08/10mclP03138</u>	1:1 HNO ₃ Lot#: <u>1440302007</u>	Temp (°C) Max: <u>25.9</u> Min: <u>22.9</u>	Unit ID#: <u>2</u>	TCLP Fluid ID (circle one) <input checked="" type="radio"/> <input type="radio"/> DI
Prep Date: <u>1-27-18/1-27-18</u>	pH on Date Used: <u>4.91/2.93</u>	Acceptable Temp Range: 21°-27°C		

Organic	Initials	Wet Chem	Sample Number	Amt. (g)	Fluid Vol (mL)	Tumbler ID	Date On	Time On	Temp. C° On	Initials	Date Off	Time Off	Temp. C° Off	Initials	pH	1:1 HNO ₃ (mL)	Filter Initials	Comments
	X		Method Blank PSC	—	2000	2	3/1/18	05:07	13.7	TW	3/1/18	20:05	23.6	EYA	4.92	2.5mL	TW	
			Fluid 1 Blank	—											3.28			
			L1806986 - 01	100											4.91			Blank
			-02												4.96			
			-03												4.94			
			-04												4.91			
			L1805059 - 02												4.90			
			-03												4.85			Fluid 2
			-08												4.90			
			-09												5.42			Fluid 2
			-23												5.00			
			-24												4.93			
			-35												4.79			Fluid 2
			L1906877 - 01												5.60			
			-02												6.45			
			-03												6.96			
			-04												5.79			
			-05												6.82			

Page Scanned and Saved to TCLPEXT -> TCLPEXT Folder

Initials: TW
 Date: 3/2/18

Wgt: 109.3318

TCLP Fluid Lot #: E192LP022718B 1:1 HNO₃ Unit ID# 266 TCLP Fluid ID
 Prep Date: 3-13-18 pH on Date Used: 4.91 Lot#: 14603022002 Max: 23.5 Min: 22.5 (circle one) #2 #1

Acceptable Temp Range: 21°-27°C

Sample Type (Check Column)			Sample Number	Amt. (g)	Flux/vol (mL)	Tumbler ID	Date On	Time On	Temp. C On	Initials	Date Off	Time Off	Temp. C Off	Initials	pH	1:1 HNO ₃ (mL)	Filter Initials	Comments
Organic	Metals	Wet Chem																
	<input checked="" type="checkbox"/>		Method Blank/PSC	✓	2000	6	3/13/18	05:08	23.4	TW	3/13/18	21:08	23.6	CTA	4.92	2.5mL	TW	
			L1806572-06	100											6.40			Flush
			-04												5.35			
			-07												6.21			
			-09												6.46			
			-10												5.48			
			-11												6.20			
			-12	✓	✓										6.19			✓
			L1806568-02	32	400										4.91			
			L1806664-01	100	2000										4.89			
			L1806666-01												5.15			
			-02												5.17			
			-03												5.58			
			L1806778-01	20	400										5.00			
			L1807015-01	100	3000										4.95			
			3/13/18 TW															

Page Scanned and Saved to TCLPEXT -> TCLPEXT Folder

Initials: TW
 Date: 3/13/18

WGA: 1093528

SPLP Fluid Lot #: <u>SPLP0227873</u>	1:1 HNO3	Temp(°C)	Unit ID: <u>257</u>	SPLP Fluid ID
prep. date: <u>02-27-18</u> pH: <u>4.21</u>	Lot#: <u>HT403022018</u>	Max: <u>23.9</u>	Min: <u>22.6</u>	(circle one) <u>(#1)</u> DI

Sample Type (Check Column)			Sample Number	Amt. (g)	SPLP Fluid Vol. (mL)	Turbid. ID.	Date On	Time On	Temp. C° On	Initials	Date Off	Time Off	Temp. C° Off	Initials	pH	1:1 HNO3 (mL)	Filter Initials	Comments
Organic Metals	Wet Chem																	
X	X		PBSP (Prep Blank SPLP)	-	2000	13	3/1/18	17:42	23.6	EYA	3/1/18	09:42	23.3	LF	4.65	2.5ml	LF	Don't know what was before filtering
			L1806872-01	100											10.24			Rush
			-02												10.57			
			-03												10.42			
			-04												9.71			
			-05												10.20			
			-06												10.28			
			-07												9.67			
			-08												9.87			
			-09												10.84			
			-10												9.96			
			-11			✓									9.59			
✓			-12			5									10.17			✓
			L1806936-01												10.50			
✓			L1805999-01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10.12	✓	✓	

Page Scanned and Saved to TCLPEXT -> SPLPEXT Folder

Initials: _____
 Date: _____

True Values

QC True Values: Trace 4,5,6,7

	Element	True Value (mg/L)		Element	True Value (mg/L)
ICV/CCV	All	0.50	CRI	Al	0.40
	K	5.00		Sb	0.10
	Na	10.00		As	0.02
	Si	5.25		Ba	0.04
ICSA	Al	250	Be	0.01	
	Ca	250	Bi	0.02	
	Fe	100	B	0.10	
	Mg	250	Cd	0.01	
ICSB	Al	9.00	Ca	0.40	
	Sb	1.00	Cr	0.02	
	As	1.00	Co	0.10	
	Ba	0.30	Cu	0.05	
	Be	0.10	Fe	0.20	
	Bi	1.00	Pb	0.05	
	B	0.50	Mg	0.40	
	Cd	0.30	Mn	0.03	
	Ca	45.00	Mo	0.10	
	Cr	0.30	Ni	0.08	
	Co	0.30	K	5.00	
	Cu	0.30	Se	0.02	
	Fe	37.50	Si	1.00	
	Pb	1.00	Ag	0.02	
	Mg	22.50	Na	5.00	
	Mn	0.20	Sr	0.02	
	Mo	0.30	Tl	0.02	
	Ni	0.30	Sn	0.02	
	K	20.00	Ti	0.02	
	Se	0.50	V	0.10	
	Si	1.23	Zn	0.04	
	Ag	0.30			
	Na	7.50			
	Sr	1.00			
	Tl	1.00			
	Sn	1.00			
	Ti	1.00			
	V	0.30			
	Zn	0.30			

LCS & MS Spike Concentrations

Element	Liquid concentrations (mg/L)	Soil concentrations (mg/kg)
Al	2.00	100
Sb	0.50	25.0
As	0.12	6.0
Ba	2.00	100
Be	0.05	2.5
Bi	1.00	50.0
B	1.00	50.0
Cd	0.05	2.55
Ca	10.00	500
Cr	0.20	10.0
Co	0.50	25.0
Cu	0.25	12.5
Fe	1.00	50.0
Pb	0.51	25.5
Mg	10.00	500
Mn	0.50	25.0
Mo	1.00	50.0
Ni	0.50	25.0
K	10.00	500
Se	0.12	6.0
Si	1.00	50.0
Ag	0.05	2.5
Na	10.00	500
Sr	1.00	50.0
Tl	0.12	6.0
Sn	1.00	50.0
Ti	1.00	50.0
V	0.50	25.0
Zn	0.50	25.0

LCS and MS Spike Concentrations—As of 08/09/2011

Element	Liquid Concentration(mg/L)	Soil Concentration (mg/kg)
Al	2.00	160
Sb	0.50	40
As	0.12	9.6
Ba	2.00	160
Be	0.05	4.0
Bi	1.00	80
B	1.00	80
Cd	0.051	4.08
Ca	10.0	800
Cr	0.20	16
Co	0.50	40
Cu	0.25	20
Fe	1.00	80
Pb	0.51	40.8
Mg	10.0	800
Mn	0.50	40
Mo	1.00	80
Ni	0.50	40
K	10.0	800
Se	0.12	9.6
Si	1.00	80
Ag	0.05	24
Na	10.0	800
Sr	1.00	80
Tl	0.12	9.6
Sn	1.00	80
Ti	1.00	80
V	0.50	40
Zn	0.50	40

Revised 8/9/11 Soil spike is based on $(2x \text{ water spike}) \times (50/1.25)$, where 50 is the final volume of soil digestate and 1.25 is the nominal digestion weight of 1.25g, except in the case of Ag, where additional Ag is added to the spike.

• Certificate of Analysis •

Product: Metals in Soil
Catalog Number: 620
Lot No.: D093-542
Cert. Issue Date: June 29, 2017
Expiration Date: October 31, 2019
Revision Number: 2.0
Revision Date: May 29, 2017

Analytical values are included as part of the certification and are reported separately from the Certificate of Analysis. Please refer to the product web resources for details and to the lot number 000002.

Convert to %

Certified Value

Reference Value

Parameter	Certified Value ¹	Reference Value ²	Uncertainty ³	QC Performance Acceptance Limits ⁴	PJ Performance Acceptance Limits ⁵
	mg/kg	mg/kg	%	mg/kg	mg/kg
Aluminum	56700	8770	2.68	4780 - 10900	3500 - 12900
Antimony	245	117	3.49	21 - 295	24.5 - 295
Arsenic	31.5	29.5	47.6	20.8 - 38.5	18.3 - 57.9
Barium	213	195	5.95	164 - 230	145 - 251
Bismuth	97.5	92.0	5.26	76.3 - 108	68.5 - 118
Boron	147	120	4.08	87.8 - 150	72.0 - 168
Calcium	76.6	71.5	5.50	59.4 - 83.8	52.3 - 140.8
Chromium	12400	6310	0.498	4200 - 2400	3400 - 2960
Chromium	102	102	5.10	81.7 - 122	70.8 - 133
Cobalt	54.2	51.2	5.25	43.2 - 59.5	39.2 - 64.6
Copper	164	153	8.22	125 - 180	115 - 190
Iron	29900	15200	5.38	7170 - 21200	5500 - 24700
Lead	155	130	8.13	114 - 163	104 - 176
Magnesium	4550	2760	1.81	2120 - 5410	1790 - 1730
Manganese	476	270	6.16	200 - 290	109 - 340
Molybdenum	6.55	6.55	3.92	4.80 - 8.53	3.41 - 9.01
Nickel	45.0	39.1	6.95	30.8 - 47.3	26.0 - 52.9
Niobium	144	129	5.50	107 - 151	94.0 - 164
Potassium	29200	2420	3.22	1720 - 3110	1480 - 3370
Selenium	87.0	62.6	5.60	47.4 - 73.9	38.8 - 84.5
Silver	38.0	35.2	8.26	27.8 - 45.2	23.9 - 48.9
Sodium	14400	819	7.50	588 - 1050	475 - 1160
Strontium	264	88.4	7.51	72.0 - 105	62.1 - 115

• Certificate of Analysis •

Parameter	Certified Value ¹	Reference Value ²	Uncertainty ³	GC Performance Acceptance Limits ⁴	PT Performance Acceptance Limits ⁴
	mg/kg	mg/kg	%	mg/kg	mg/kg
Lead	111	101	7.96	90.0 - 122	67.6 - 134
Tin	95.4	85.8	6.45	56.3 - 105	47.4 - 124
Tungsten	2540	477	4.50	155 - 500	157 - 791
Lithium	631	601	3.32	42.5 - 711	319 - 884
Vanadium	180	81.1	11.1	61.5 - 991	53.4 - 110
Zinc	247	220	6.15	165 - 261	157 - 269

ANALYTICAL VERIFICATION

Parameter	Certified Value ¹	Proficiency Testing Study			NIST Traceability	
		Mean	Recovery ²	n	SRM Number	Recovery ³
Aluminum	59700	8770	88.2	152	-	-
Antimony	246	117	47.8	103	-	-
Arsenic	31.5	29.6	94.4	191	-	-
Barium	813	198	90.8	181	-	-
Beryllium	97.5	92.0	95.5	172	-	-
Boron	147	170	79.3	115	-	-
Cadmium	76.3	71.5	93.7	188	-	-
Calcium	12700	6310	68.3	139	-	-
Chromium	139	147	91.8	185	-	-
Cobalt	54.2	51.4	96.9	170	-	-
Copper	164	153	91.8	183	-	-
Iron	23800	15200	93.2	151	-	-
Lead	155	137	79.0	202	-	-
Magnesium	4550	2760	91.7	144	-	-
Manganese	475	275	76.0	172	-	-
Mercury	6.05	6.86	100	129	-	-
Molybdenum	45.9	39.1	86.6	171	-	-
Nickel	144	129	91.6	192	-	-
Potassium	26200	2420	21.8	143	-	-

• Certificate of Analysis •

Parameter	Certified Value ¹	Proficiency Testing Study			NIST Traceability	
		Mean	Recovery ²	n	SRM Number	Recovery
	mg/kg	mg/kg	%			%
Barium	61.0	60.6	99.3	131	-	-
Boron	38.0	36.4	95.8	173	-	-
Cadmium	14400	81.9	92.3	142	-	-
Strontium	264	28.4	10.7	115	-	-
Cobalt	117	107	90.6	171	-	-
Cu	96.4	86.8	89.9	125	-	-
Chromium	2540	477	90.0	119	-	-
Vanadium	63.7	60.7	95.1	25	-	-
Vanadium	120	81.3	82.0	146	-	-
Zinc	247	293	118	120	-	-

• Certificate of Analysis •

Product: Met. Std. 5g
Catalog Number: 540
Lot No: 03045 540
Certificate Issue Date: June 29, 2017
Expiration Date: January 31, 2018
Revision Number: Original

Product use instructions are included as part of the certification packet and are paginated separately from this Certificate of Analysis. Please reference the product use instructions for catalog #540 revision 030512.

Certificate Details

Parameter	Certified Value ¹	Reference Value ²	Uncertainty ³	QC Performance	PT Performance
				Acceptance Limits ⁴	Acceptance Limits ⁴
	mg/kg	mg/kg	%	mg/kg	mg/kg
Aluminum	10100	1300	n/c	3680 - 12100	3070 - 12700
Antimony	184	98.5	1.61	6.37 - 191	18.4 - 253
Arsenic	178	166	1.85	138 - 194	117 - 215
Boron	228	213	9.52	1.75 - 251	156 - 270
Beryllium	61.3	58.0	8.37	43.3 - 57.7	42.5 - 73.5
Bismuth	91.7	89.1	2.22	45.8 - 89.3	41.5 - 101
Chromium	143	119	6.88	106 - 151	94.2 - 151
Calcium	5190	4720	6.51	3840 - 6530	3120 - 6010
Chromium	107	101	3.05	83.4 - 120	70.5 - 132
Cobalt	71.4	68.4	8.06	57.4 - 75.5	50.8 - 86.8
Copper	116	110	1.37	91.9 - 128	81.9 - 138
Cadmium	15000	14100	10.5	8110 - 19700	4950 - 23300
Lead	210	200	8.96	167 - 238	151 - 254
Magnesium	2570	2290	4.81	1730 - 3950	1420 - 3160
Manganese	963	110	5.74	1304 - 438	280 - 460
Mercury	23.7	12.8	1.54	6.40 - 19.1	6.58 - 26.1
Molybdenum	32.8	32.4	n/c	25.5 - 39.2	20.3 - 44.4
Nickel	66.4	87.1	8.60	71.8 - 102	62.6 - 112
Potassium	2470	1990	6.19	1380 - 2610	1140 - 2830
Selenium	130	117	6.86	91.2 - 141	77.0 - 116
Silver	91.4	88.6	8.20	62.3 - 104	58.4 - 115
Sodium	590	621	6.19	458 - 785	338 - 504
Strontium	59.1	58.6	13.0	48.9 - 70.3	41.5 - 77.6
Thallium	156	142	9.14	114 - 169	96.6 - 187

• Certificate of Analysis •

Parameter	Certified Value ¹	Reference Value ²	Uncertainty ³	GC Performance Acceptance Limits ⁴	PT Performance Acceptance Limits ⁵
	mg/kg	mg/kg	%	mg/kg	mg/kg
Ti	151	135	6.93	106 - 165	80.1 - 191
Tantalum	450	338	3.79	61.5 - 606	63.5 - 601
Barium	113	109	3.77	81.0 - 135	75.4 - 143
Vanadium	194	97.5	8.44	75.9 - 117	63.1 - 131
Zinc	254	240	4.69	144 - 256	170 - 311

ANALYTICAL VERIFICATION

Parameter	Certified Value ¹	Proficiency Testing Study			NIST Traceability	
		Mean	Recovery ⁵	n	SRM Number	Recovery
		mg/kg	%			%
Aluminum	12100	7900	78.2	149	-	-
Antimony	184	149.5	52.5	158	-	-
Arsenic	178	166	93.3	192	-	-
Barium	229	213	93.4	165	-	-
Beryllium	613	58.0	94.6	165	-	-
Boron	91.7	69.1	75.4	108	-	-
Cadmium	143	129	62.9	189	-	-
Calcium	5190	4720	90.9	131	-	-
Chromium	157	151	94.9	124	-	-
Cobalt	71.4	68.4	95.9	154	-	-
Copper	116	110	94.6	151	-	-
Iron	15000	14100	93.9	144	-	-
Lead	213	203	96.5	250	-	-
Magnesium	2570	2290	89.1	137	-	-
Manganese	363	370	96.6	158	-	-
Mercury	23.7	12.8	53.8	128	-	-
Molybdenum	28.8	22.4	89.5	154	-	-
Nickel	96.4	87.1	51.3	184	-	-
Paladium	2420	1990	27.4	191	-	-
Selenium	135	117	89.7	179	-	-



A Waters Company

Reference Materials

• Certificate of Analysis •

Parameter	Certified Value ^a	Proficiency Testing Study			NIST Traceability	
		Mean	Recovery ^b	n	SRM Number	Recovery
	mg/L	mg/L	%			%
Silver	51.4	50.6	98.5	158	-	-
Sodium	690	621	90.0	125	-	-
Strontium	59.1	59.6	101	93	-	-
Thallium	155	142	91.6	161	-	-
Van	151	135	89.6	109	-	-
Titanium	450	336	74.6	134	-	-
Uranium	110	109	99.2	31	-	-
Vanadium	104	97.0	93.0	150	-	-
Zinc	254	240	94.6	182	-	-

• Certificate of Analysis •

1. This Certificate of Analysis is provided for your information only, and is not intended to be used as a substitute for a formal analytical report. The information provided here is for informational purposes only and is not intended to be used as a substitute for a formal analytical report.
2. This information is provided for your information only and is not intended to be used as a substitute for a formal analytical report. The information provided here is for informational purposes only and is not intended to be used as a substitute for a formal analytical report.
3. This information is provided for your information only and is not intended to be used as a substitute for a formal analytical report. The information provided here is for informational purposes only and is not intended to be used as a substitute for a formal analytical report.
4. This information is provided for your information only and is not intended to be used as a substitute for a formal analytical report. The information provided here is for informational purposes only and is not intended to be used as a substitute for a formal analytical report.
5. This information is provided for your information only and is not intended to be used as a substitute for a formal analytical report. The information provided here is for informational purposes only and is not intended to be used as a substitute for a formal analytical report.
6. This information is provided for your information only and is not intended to be used as a substitute for a formal analytical report. The information provided here is for informational purposes only and is not intended to be used as a substitute for a formal analytical report.
7. This information is provided for your information only and is not intended to be used as a substitute for a formal analytical report. The information provided here is for informational purposes only and is not intended to be used as a substitute for a formal analytical report.

If you have any questions or need technical assistance, please call ERA technical assistance at 1-800-372-0122 or send an email to info@eraqc.com.

Certifying Officer

Brian Miller

Quality Officer

Patrick Larson





ICPMS Analysis

Sequence Logs

Sample List Summary

3/8/2018 7:25:31 AM



Instrument Name: Serial Number:
 iCAP Q ICAPQ01717

Labbook: Labbook Path
 WG1095175_MSQ2030718.imexp _Application Data\Workspace\LabBooks

Index	Label	Rack	Vial	Main Runs	Survey Runs	Start Time
1	Rinse	0	1	3	1	3/7/2018 7:48:11 AM
2	Rinse	0	1	3	1	3/7/2018 7:52:02 AM
3	Blank AM ICPMSQ2	4	49	3	1	3/7/2018 7:55:54 AM
4	0.2/20 Cal	0	2	3	1	3/7/2018 7:59:50 AM
5	1.0/100 Cal	0	3	3	1	3/7/2018 8:03:42 AM
6	10/1000 Cal	0	4	3	1	3/7/2018 8:07:34 AM
7	120/12000	0	5	3	1	3/7/2018 8:11:27 AM
8	250/25000	0	6	3	1	3/7/2018 8:15:20 AM
9	500/50000	0	7	3	1	3/7/2018 8:19:14 AM
10	Rinse	0	1	3	1	3/7/2018 8:23:08 AM
11	Sr 100ppb	4	57	3	1	3/7/2018 8:26:59 AM
12	ICV	0	9	3	1	3/7/2018 8:30:55 AM
13	ICB	0	10	3	1	3/7/2018 8:34:50 AM
14	LLICV	4	51	3	1	3/7/2018 8:38:46 AM
15	ICSA	4	53	3	1	3/7/2018 8:42:42 AM
16	ICSAB	4	55	3	1	3/7/2018 8:46:38 AM
17	Rinse	0	1	3	1	3/7/2018 8:50:33 AM
18	CCV	0	9	3	1	3/7/2018 8:54:25 AM
19	CCB	0	10	3	1	3/7/2018 8:58:20 AM
20	WG1094621-1D10 CT-6020TS	1	1	3	1	3/7/2018 9:02:16 AM
21	WG1094621-2D10 CT-6020TS	1	2	3	1	3/7/2018 9:06:07 AM
22	L1806577-07D10 A2-6020T	1	8	3	1	3/7/2018 9:09:59 AM
23	L1806577-08D10 A2-6020T	1	9	3	1	3/7/2018 9:13:52 AM
24	L1806577-09D10 A2-6020T	1	10	3	1	3/7/2018 9:17:45 AM
25	L1806577-10D10 A2-6020T	1	11	3	1	3/7/2018 9:21:39 AM
26	L1806577-11D10 A2-6020T	1	12	3	1	3/7/2018 9:25:33 AM
27	L1806577-12D10 A2-6020T	1	13	3	1	3/7/2018 9:29:28 AM
28	L1806577-13D10 A2-6020T	1	14	3	1	3/7/2018 9:33:18 AM
29	L1807335-01D10 CT-6020TS	1	3	3	1	3/7/2018 9:37:09 AM
30	CCV	0	9	3	1	3/7/2018 9:41:01 AM
31	CCB	0	10	3	1	3/7/2018 9:44:56 AM
32	WG1094941-1 2008TL	1	15	3	1	3/7/2018 10:08:49 AM
33	WG1094941-2D5 2008TL	1	16	3	1	3/7/2018 10:12:40 AM
34	L1807335-02D10 CT-6020TS	1	4	3	1	3/7/2018 10:16:31 AM
35	L1807335-03D10 CT-6020TS	1	5	3	1	3/7/2018 10:20:23 AM
36	L1807335-04D10 CT-6020TS	1	6	3	1	3/7/2018 10:24:15 AM
37	L1807335-05D10 CT-6020TS	1	7	3	1	3/7/2018 10:28:08 AM
38	WG1094941-3D10 2008TL	1	17	3	1	3/7/2018 10:32:01 AM
39	WG1094941-4 2008TL	1	18	3	1	3/7/2018 10:35:53 AM
40	L1807566-02 2008TL	1	19	3	1	3/7/2018 10:39:45 AM
41	L1807567-01 2008TL	1	20	3	1	3/7/2018 10:43:37 AM
42	CCV	0	9	3	1	3/7/2018 10:47:29 AM
43	CCB	0	10	3	1	3/7/2018 10:51:24 AM
44	WG1094930-1 2008TL	1	22	3	1	3/7/2018 10:55:54 AM
45	WG1094930-2D5 2008TL	1	23	3	1	3/7/2018 10:59:47 AM
46	WG1094930-3D10 2008TL	1	24	3	1	3/7/2018 11:03:41 AM
47	WG1094930-4 2008TL	1	25	3	1	3/7/2018 11:07:34 AM
48	L1807334-02 2008TL	1	26	3	1	3/7/2018 11:11:25 AM
49	L1807597-08 6020TL	1	32	3	1	3/7/2018 11:15:16 AM
50	L1807332-01 2008TL	1	27	3	1	3/7/2018 11:19:08 AM
51	L1807332-02 2008TL	1	28	3	1	3/7/2018 11:22:59 AM

Sample List Summary

3/8/2018 7:25:31 AM



Index	Label	Rack	Vial	Main Runs	Survey Runs	Start Time
52	L1807332-03 2008TL	1	29	3	1	3/7/2018 11:26:50 AM
53	L1807568-01 2008TL	1	21	3	1	3/7/2018 11:30:41 AM
54	CCV	0	9	3	1	3/7/2018 11:34:34 AM
55	XCCB	0	10	3	1	3/7/2018 11:38:30 AM
56	CCB	0	10	3	1	3/7/2018 11:44:22 AM
57	WG1095262-1D10 CT-SPLP-6020TL	1	33	3	1	3/7/2018 11:48:18 AM
58	WG1095262-2D10 CT-SPLP-6020TL	1	34	3	1	3/7/2018 11:52:11 AM
59	L1807334-01 2008TL	1	30	3	1	3/7/2018 11:56:04 AM
60	L1807477-21 2008TL	1	31	3	1	3/7/2018 11:59:55 AM
61	L1805926-18D10 CT-SPLP-6020TL	1	35	3	1	3/7/2018 12:03:47 PM
62	L1805656-06D10 CT-SPLP-6020TL	1	36	3	1	3/7/2018 12:07:41 PM
63	L1805915-03D10 CT-SPLP-6020TL	1	37	3	1	3/7/2018 12:11:34 PM
64	L1805915-05D10 CT-SPLP-6020TL	1	38	3	1	3/7/2018 12:15:25 PM
65	L1805915-12D10 CT-SPLP-6020TL	1	39	3	1	3/7/2018 12:19:16 PM
66	L1805915-22D10 CT-SPLP-6020TL	1	40	3	1	3/7/2018 12:23:07 PM
67	CCV	0	9	3	1	3/7/2018 12:26:58 PM
68	CCB	0	10	3	1	3/7/2018 12:30:54 PM
69	WG1095278-1D10 CT-SPLP-6020TL	1	42	3	1	3/7/2018 12:36:05 PM
70	WG1095170-1 6020TL	1	47	3	1	3/7/2018 12:39:57 PM
71	WG1095170-2D5 6020TL	1	48	3	1	3/7/2018 12:43:50 PM
72	WG1095278-2D10 CT-SPLP-6020TL	1	43	3	1	3/7/2018 12:47:44 PM
73	L1807395-03 6020TL	1	49	3	1	3/7/2018 12:51:36 PM
74	L1807553-01 6020TL	1	50	3	1	3/7/2018 12:55:27 PM
75	L1805915-25D10 CT-SPLP-6020TL	1	41	3	1	3/7/2018 12:59:19 PM
76	L1805656-03D10 CT-SPLP-6020TL	1	44	3	1	3/7/2018 1:03:10 PM
77	L1805656-09D10 CT-SPLP-6020TL	1	45	3	1	3/7/2018 1:07:02 PM
78	L1805656-13D10 CT-SPLP-6020TL	1	46	3	1	3/7/2018 1:10:55 PM
79	CCV	0	9	3	1	3/7/2018 1:14:48 PM
80	CCB	0	10	3	1	3/7/2018 1:18:43 PM
81	L1807597-01 6020TL	1	51	3	1	3/7/2018 1:22:39 PM
82	WG1095170-4 6020TL	1	52	3	1	3/7/2018 1:26:30 PM
83	WG1095170-3D10 6020TL	1	53	3	1	3/7/2018 1:30:22 PM
84	WG1095170-5D10 6020TL	1	54	3	1	3/7/2018 1:34:13 PM
85	L1807553-02 6020TL	1	56	3	1	3/7/2018 1:38:05 PM
86	L1807553-03 6020TL	1	57	3	1	3/7/2018 1:41:57 PM
87	L1807553-04 6020TL	1	58	3	1	3/7/2018 1:45:50 PM
88	L1807597-02 6020TL	1	59	3	1	3/7/2018 1:49:43 PM
89	L1807597-03 6020TL	1	60	3	1	3/7/2018 1:53:36 PM
90	WG1095170-6D5 6020TL	1	55	3	1	3/7/2018 1:57:30 PM
91	CCV	0	9	3	1	3/7/2018 2:01:22 PM
92	CCB	0	10	3	1	3/7/2018 2:05:17 PM
93	WG1095244-1 6020TL	2	5	3	1	3/7/2018 2:10:56 PM
94	WG1095244-2D5 6020TL	2	6	3	1	3/7/2018 2:14:48 PM
95	WG1095244-3D10 6020TL	2	7	3	1	3/7/2018 2:20:18 PM
96	WG1095244-5D10 6020TL	2	8	3	1	3/7/2018 2:24:10 PM
97	WG1095244-4 6020TL	2	9	3	1	3/7/2018 2:28:02 PM
98	L1807540-01 6020TL	2	10	3	1	3/7/2018 2:31:55 PM
99	L1807597-04 6020TL	2	1	3	1	3/7/2018 2:35:48 PM
100	L1807597-05 6020TL	2	2	3	1	3/7/2018 2:39:39 PM
101	L1807597-06 6020TL	2	3	3	1	3/7/2018 2:43:31 PM
102	L1807597-07 6020TL	2	4	3	1	3/7/2018 2:47:23 PM
103	CCV	0	9	3	1	3/7/2018 2:51:15 PM
104	CCB	0	10	3	1	3/7/2018 2:55:11 PM
105	L1807327-04 6020TL	2	15	3	1	3/7/2018 3:00:42 PM
106	L1807544-27 6020TL	2	22	3	1	3/7/2018 3:04:34 PM
107	L1807540-02 6020TL	2	21	3	1	3/7/2018 3:08:27 PM
108	L1807749-01 6020TL	2	23	3	1	3/7/2018 3:12:20 PM
109	WG1095247-3D10 2008TL	2	24	3	1	3/7/2018 3:16:13 PM
110	WG1095247-4 2008TL	2	25	3	1	3/7/2018 3:20:06 PM
111	L1807343-01 2008TL	2	26	3	1	3/7/2018 3:23:59 PM
112	L1807343-02 2008TL	2	27	3	1	3/7/2018 3:27:52 PM

Sample List Summary

3/8/2018 7:25:31 AM



Index	Label	Rack	Vial	Main Runs	Survey Runs	Start Time
113	L1807327-01 6020TL	2	12	3	1	3/7/2018 3:31:44 PM
114	WG1095244-6D5 6020TL	2	11	3	1	3/7/2018 3:35:38 PM
115	CCV	0	9	3	1	3/7/2018 3:39:31 PM
116	CCB	0	10	3	1	3/7/2018 3:43:27 PM
117	WG1094297-1D10 CT-SPLP-6020TL	2	28	3	1	3/7/2018 3:47:23 PM
118	WG1094297-2D10 CT-SPLP-6020TL	2	29	3	1	3/7/2018 3:51:15 PM
119	L1807327-02 6020TL	2	13	3	1	3/7/2018 3:55:08 PM
120	L1807327-03 6020TL	2	14	3	1	3/7/2018 3:59:00 PM
121	L1807338-01 6020TL	2	16	3	1	3/7/2018 4:02:52 PM
122	L1807338-02 6020TL	2	17	3	1	3/7/2018 4:06:45 PM
123	L1807338-04 6020TL	2	18	3	1	3/7/2018 4:10:37 PM
124	L1807338-05 6020TL	2	19	3	1	3/7/2018 4:14:29 PM
125	XL1807338-07 6020TL	2	20	3	1	3/7/2018 4:18:22 PM
126	L1806872-01D10 CT-SPLP-6020TL	2	30	3	1	3/7/2018 4:22:14 PM
127	CCV	0	9	3	1	3/7/2018 4:26:07 PM
128	CCB	0	10	3	1	3/7/2018 4:30:02 PM
129	L1806872-02D10 CT-SPLP-6020TL	2	31	3	1	3/7/2018 4:33:58 PM
130	L1806872-03D10 CT-SPLP-6020TL	2	32	3	1	3/7/2018 4:37:51 PM
131	L1806872-04D10 CT-SPLP-6020TL	2	33	3	1	3/7/2018 4:41:44 PM
132	L1806872-05D10 CT-SPLP-6020TL	2	34	3	1	3/7/2018 4:45:36 PM
133	L1806872-06D10 CT-SPLP-6020TL	2	35	3	1	3/7/2018 4:49:30 PM
134	L1806872-07D10 CT-SPLP-6020TL	2	36	3	1	3/7/2018 4:53:23 PM
135	L1806872-08D10 CT-SPLP-6020TL	2	37	3	1	3/7/2018 4:57:17 PM
136	L1806872-09D10 CT-SPLP-6020TL	2	38	3	1	3/7/2018 5:01:10 PM
137	L1806872-10D10 CT-SPLP-6020TL	2	39	3	1	3/7/2018 5:05:02 PM
138	L1806872-11D10 CT-SPLP-6020TL	2	40	3	1	3/7/2018 5:08:55 PM
139	CCV	0	9	3	1	3/7/2018 5:12:48 PM
140	CCB	0	10	3	1	3/7/2018 5:16:44 PM
141	WG1093817-1D2 A2-6020T	2	42	3	1	3/7/2018 5:20:40 PM
142	WG1093817-2D10 A2-6020T	2	43	3	1	3/7/2018 5:24:33 PM
143	WG1093817-3D10 A2-6020T	2	44	3	1	3/7/2018 5:28:26 PM
144	WG1093817-5D10 A2-6020T	2	45	3	1	3/7/2018 5:32:19 PM
145	WG1093817-4D2 A2-6020T	2	46	3	1	3/7/2018 5:36:12 PM
146	L1807187-01D2 A2-6020T	2	47	3	1	3/7/2018 5:40:05 PM
147	L1807187-02D2 A2-6020T	2	49	3	1	3/7/2018 5:43:58 PM
148	L1807187-03D2 A2-6020T	2	50	3	1	3/7/2018 5:47:51 PM
149	WG1093817-6D10 A2-6020T	2	48	3	1	3/7/2018 5:51:45 PM
150	L1806872-12D10 CT-SPLP-6020TL	2	41	3	1	3/7/2018 5:55:38 PM
151	CCV	0	9	3	1	3/7/2018 5:59:31 PM
152	CCB	0	10	3	1	3/7/2018 6:03:27 PM
153	L1807187-04D2 A2-6020T	2	51	3	1	3/7/2018 6:07:23 PM
154	L1807187-05D2 A2-6020T	2	52	3	1	3/7/2018 6:11:16 PM
155	L1807187-06D2 A2-6020T	2	53	3	1	3/7/2018 6:15:10 PM
156	L1807187-07D2 A2-6020T	2	54	3	1	3/7/2018 6:19:03 PM
157	L1807187-08D2 A2-6020T	2	55	3	1	3/7/2018 6:22:56 PM
158	048-45 SCAN	2	56	3	1	3/7/2018 6:26:50 PM
159	CCV	0	9	3	1	3/7/2018 6:30:43 PM
160	CCB	0	10	3	1	3/7/2018 6:34:39 PM
161	CCV	0	9	3	1	3/7/2018 6:38:35 PM
162	LLCCV	4	51	3	1	3/7/2018 6:42:30 PM
163	CCB	0	10	3	1	3/7/2018 6:46:27 PM
164	Rinse	0	1	3	1	3/7/2018 6:50:23 PM
165	Rinse	0	1	3	1	3/7/2018 6:54:15 PM

User name
ALPHALAB\metals-instrument
ALPHALAB\metals-instrument
ALPHALAB\metals-instrument
ALPHALAB\metals-instrument
ALPHALAB\metals-instrument
ALPHALAB\metals-instrument

Work Group

ALPHA ANALYTICAL LABORATORIES, INC.
 Metals Batch Report -SPLP Metals (Connecticut) - CT-SPLP-6020TL Batch WG1094297 for dept. 5
 Mar 14, 2018 16:03

Sample No.	Client No.	Sample I.D.	Mat	Due	As	Be	Cr	Pb	Ni	Ag	Zn
					Sb	Ba	Cd	Cu	Mo	Se	Tl
L1806872-01		SDT-DS-BFT-PC03	3	0314	X	X	X	X	X	X	X
L1806872-02		SDT-DS-BFT-PC06	3	0314	X	X	X	X	X	X	X
L1806872-03		SDT-DS-BFT-PC08	3	0314	X	X	X	X	X	X	X
L1806872-04		SDT-DS-BFT-CC03	3	0314	X	X	X	X	X	X	X
L1806872-05		SDT-DS-BFT-CC06	3	0314	X	X	X	X	X	X	X
L1806872-06		SDT-DS-BFT-CC08	3	0314	X	X	X	X	X	X	X
L1806872-07		SDT-DS-GVT-PC02	3	0314	X	X	X	X	X	X	X
L1806872-08		SDT-DS-GVT-PC04	3	0314	X	X	X	X	X	X	X
L1806872-09		SDT-DS-GVT-PC05	3	0314	X	X	X	X	X	X	X
L1806872-10		SDT-DS-GVT-CC02	3	0314	X	X	X	X	X	X	X
L1806872-11		SDT-DS-GVT-CC04	3	0314	X	X	X	X	X	X	X
L1806872-12		SDT-DS-GVT-CC05	3	0314	X	X	X	X	X	X	X
WG1094297-1		Laboratory Method	3		X	X	X	X	X	X	X
WG1094297-2		Laboratory Contro	3		X	X	X	X	X	X	X

Tune

System

Time 3/7/2018 7:30:19 AM
 Instrument id iCAP Q
 Operator ALPHALAB\metals-instrument
 Template STD AGD
 Serial number N/A
 Last Autotune Autotune-Source Autotune Alpha No Neb-20180301-082900699.imatdat
 Solution 1 ppb Tune B in 2% HNO3 and 0.5% HCl.

Sensitivity & Stability Test

Result	Runs	Sweeps
Passed	5	10

Results

Analyte	Result	Value	Condition	Limit
7Li	Passed	18,914.0 CPS	Greater than	500.0 CPS
59Co	Passed	78,199.0 CPS	Greater than	1,000.0 CPS
238U	Passed	131,189.0 CPS	Greater than	20,000.0 CPS
140Ce.16O/140Ce	Passed	0.005	Less than	0.025
137Ba++/137Ba	Passed	0.0321	Less than	0.034
115In	Passed	102,068.0 CPS	Greater than	5,000.0 CPS

QC

Analyte	Value	Limit
7Li	1.5 %	5
59Co	0.6 %	5
238U	1.2 %	5
115In	0.9 %	5

Mass Calibration Test

Result	Channels	Dwell	MeasureWidth	PointSpacing	Sweeps
Passed	75	0.04	1.5	0.02	10

Analyte	Result	Centroid	Offset	Peak Width	Peak Width Min	Peak Width Max
7Li	Passed	7.0107	0.0053	0.690	0.600	0.900
59Co	Passed	58.9095	0.0237	0.723	0.600	0.900
115In	Passed	114.8754	0.0285	0.749	0.600	0.900
238U	Passed	238.0009	0.0499	0.792	0.600	0.900

Time Settings

Parameter	Value
Additional Gas Flow 1	53.85
Additional Gas Flow 2	0.00
Additional Gas Flow 3	0.00
Angular Deflection	-274.99
Auxilliary Flow	0.80
CCT Bias	-2.00
CCT Entry Lens	-73.99
CCT Exit Lens	-160.01
CCT Focus Lens	4.36
CCT1 Flow	0.00
CCT1 Shut-Off Valve	0.00
CCT2 Flow	0.00
CCT2 Shut-Off Valve	0.00
Cool Flow	14.00
D1 Lens	-189.99
D2 Lens	-80.00
Deflection Entry Lens	-35.01
Extraction Lens 1 Negative	0.00
Extraction Lens 1 Polarity	0.00
Extraction Lens 1 Positive	0.00
Extraction Lens 2	-264.00
Focus Lens	14.80
Nebulizer Flow	0.36
Peristaltic Pump Speed	20.00
Plasma Power	1550.00
Pole Bias	-1.00
Quad Entry Lens	-21.00
Sampling Depth	5.00
Spray Chamber Temperature	2.70
Torch Horizontal Position	-0.42
Torch Vertical Position	-0.90
Virtual CCT Mass Maximum Dac Limit Set	4095.00
Virtual CCT Mass parameter b	0.65
Virtual CCT Mass to Dac Factor	130.00
Virtual CCT Mass to Dac Offset	-185.00

Vacuum Check

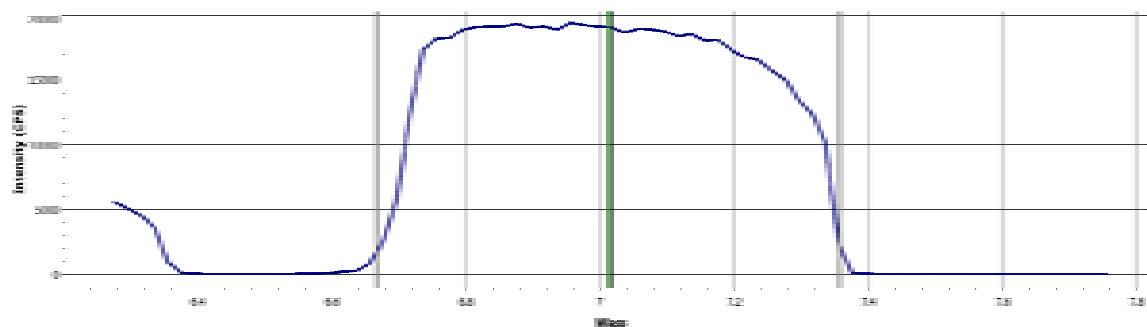
Parameter	Result	Value
Analyzer Pressure	Vacuum ok	4.314e-7
Interface Pressure		1.810e+0

Detector Weights

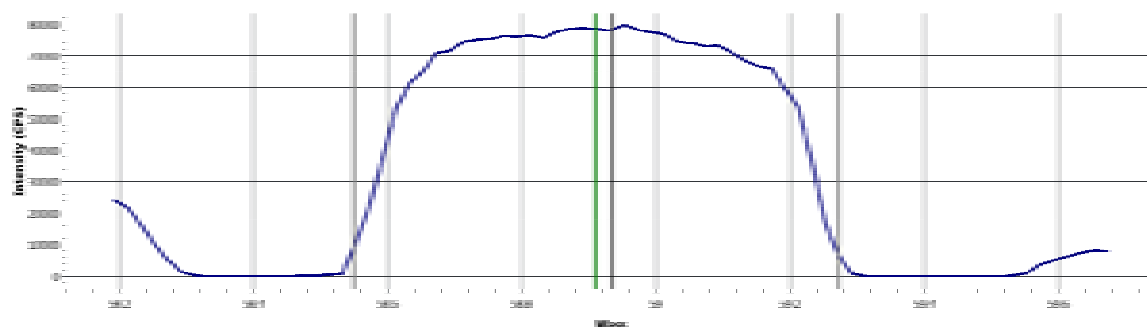
Analog	Counting
-1850.00	1275.00

Mass Calibration Peaks

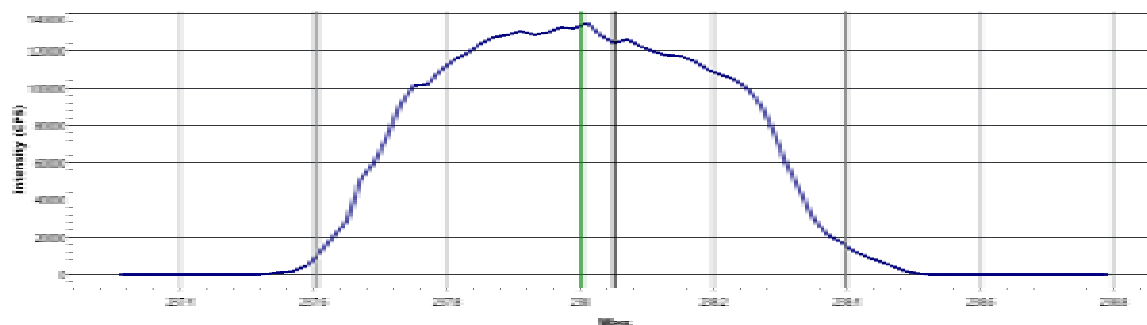
7Li



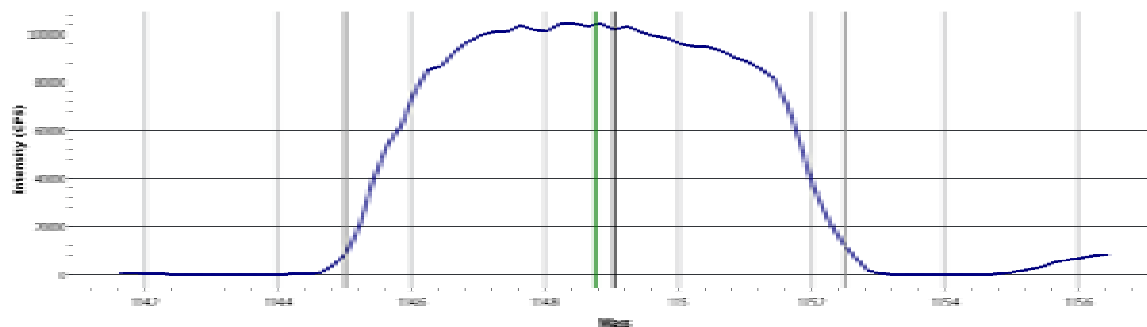
59Co



238U



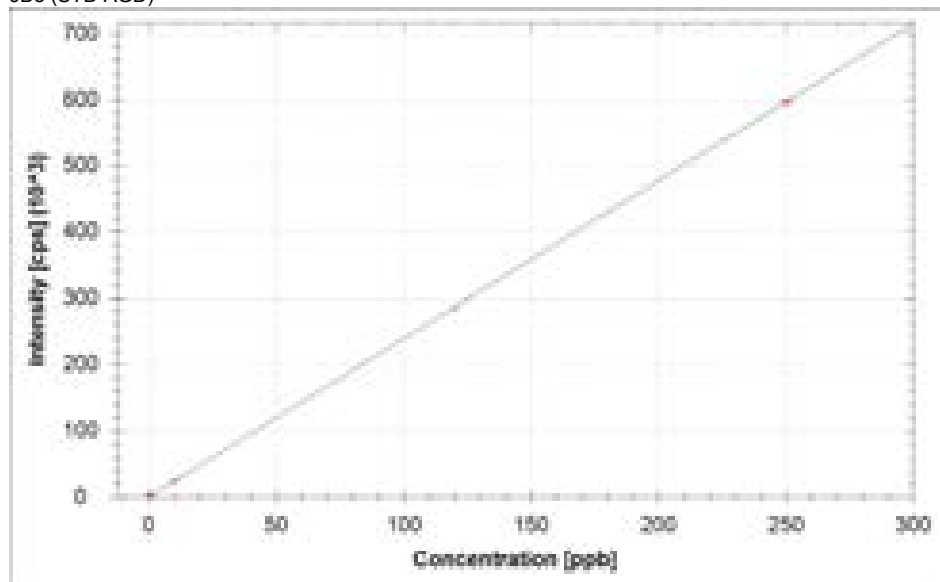
115In



Sample Raw Data

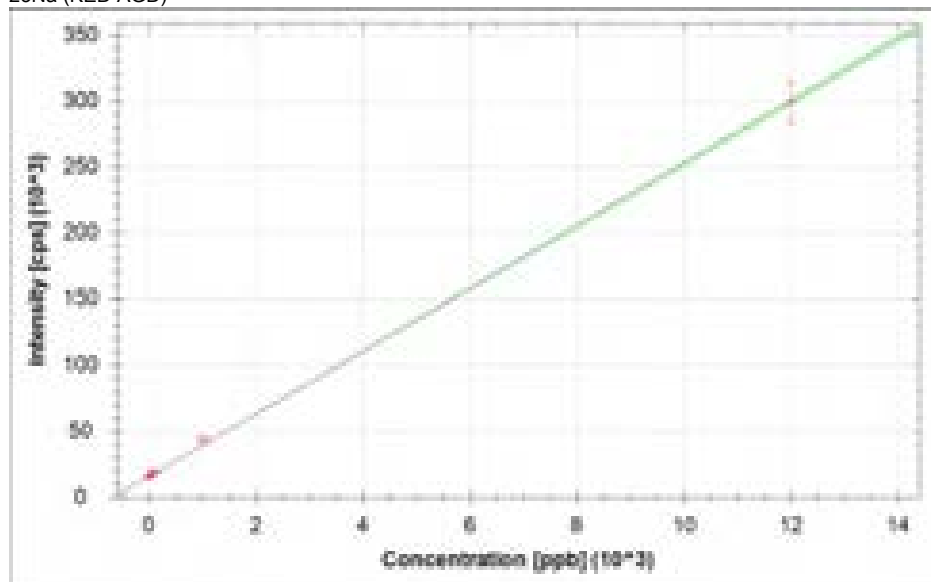
Calibration Curves

9Be (STD AGD)



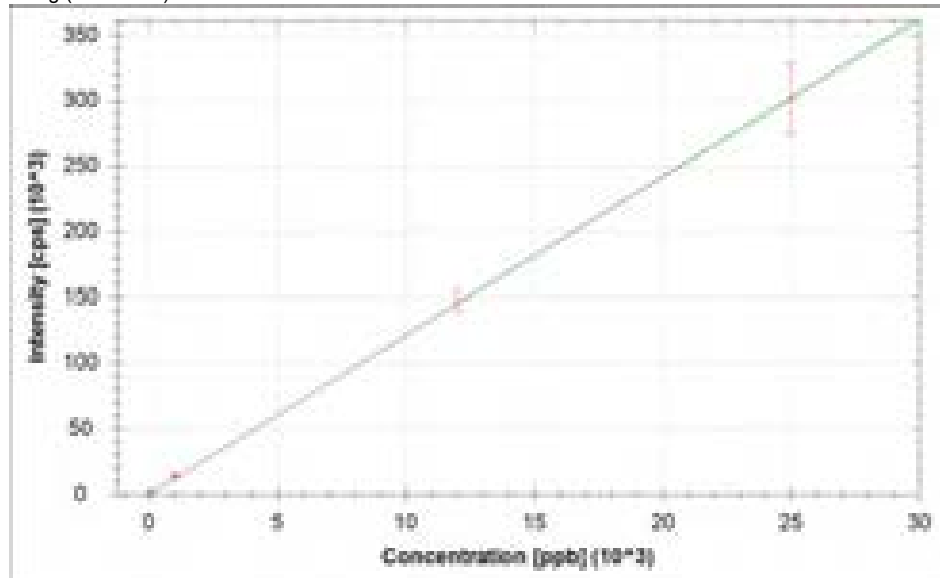
$f(x) = 2384.9113 \cdot x + 13.7004$
 $R^2 = 1.0000$
 BEC = 0.006 ppb
 LoD = 0.0035 ppb

23Na (KED AGD)



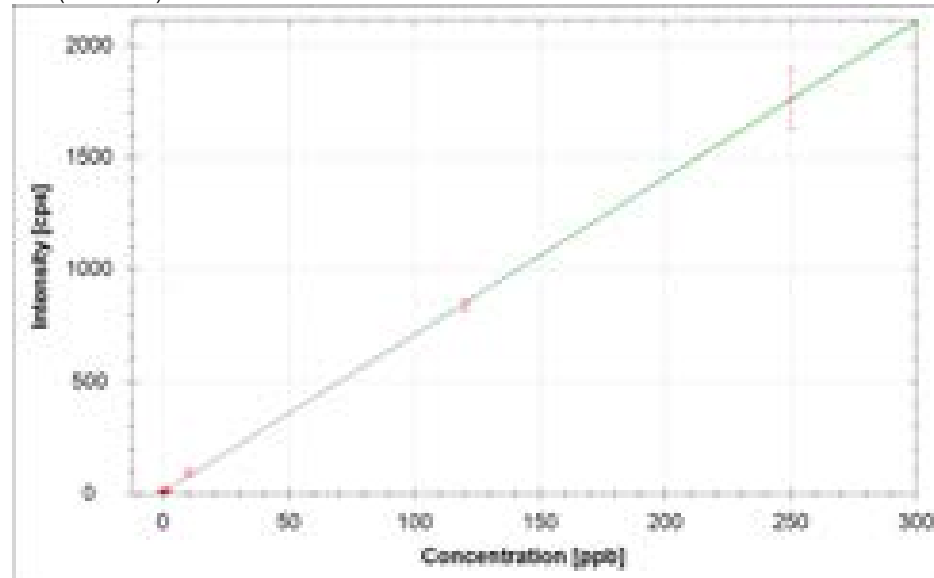
$f(x) = 23.6450 \cdot x + 15812.2938$
 $R^2 = 0.9997$
 BEC = 668.737 ppb
 LoD = 51.1590 ppb

24Mg (KED AGD)



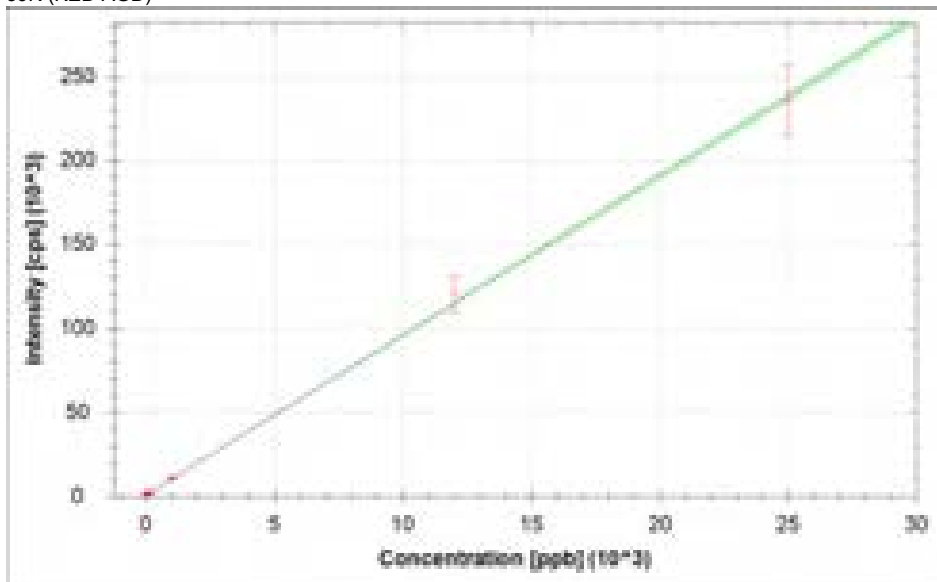
$f(x) = 12.0767 \cdot x + 8.9071$
 $R^2 = 0.9999$
BEC = 0.738 ppb
LoD = 1.9166 ppb

27Al (KED AGD)



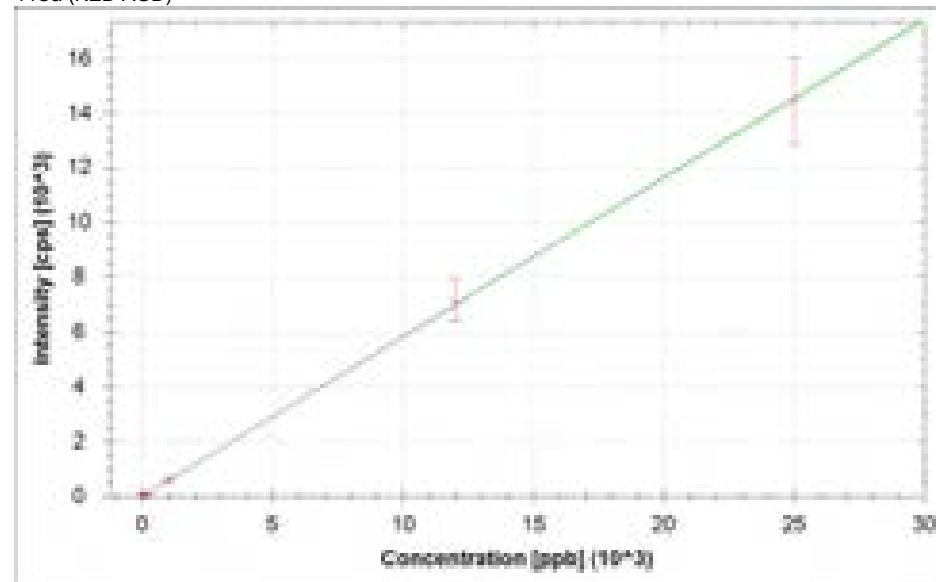
$f(x) = 7.0000 \cdot x + 9.5619$
 $R^2 = 0.9999$
BEC = 1.366 ppb
LoD = 0.6165 ppb

39K (KED AGD)



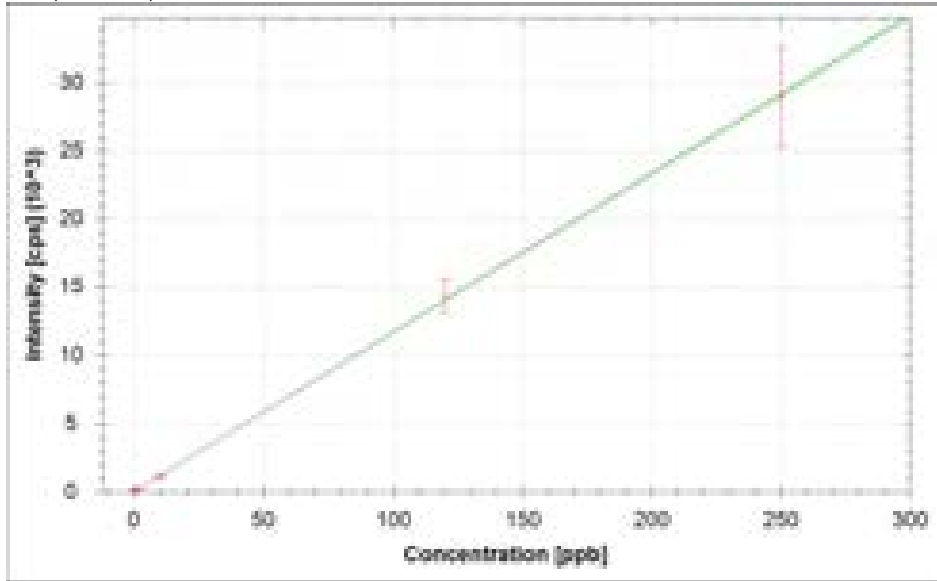
$f(x) = 9.4842 \cdot x + 1050.0467$
 $R^2 = 0.9993$
 BEC = 110.715 ppb
 LoD = 35.7519 ppb

44Ca (KED AGD)



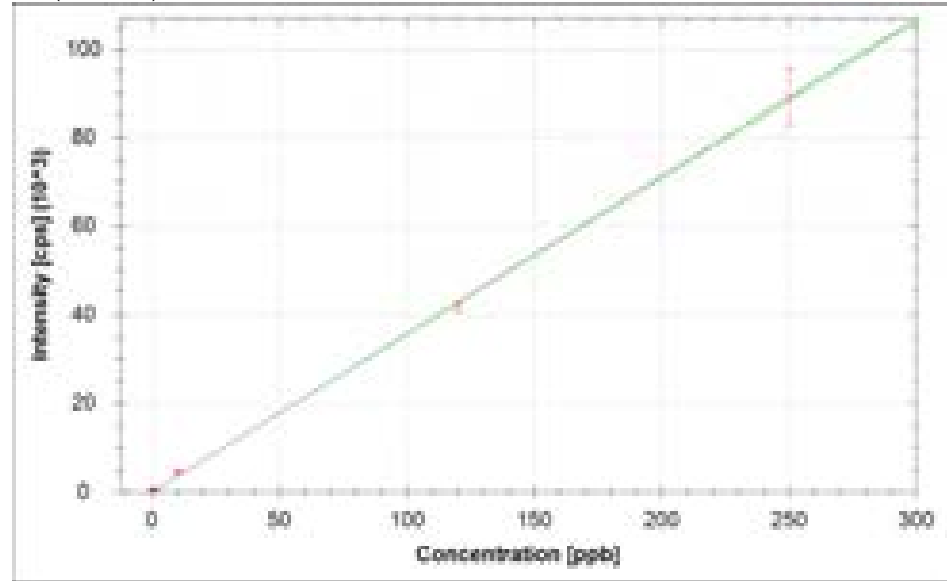
$f(x) = 0.5816 \cdot x + 6.6692$
 $R^2 = 0.9998$
 BEC = 11.467 ppb
 LoD = 17.4365 ppb

48Ti (KED AGD)



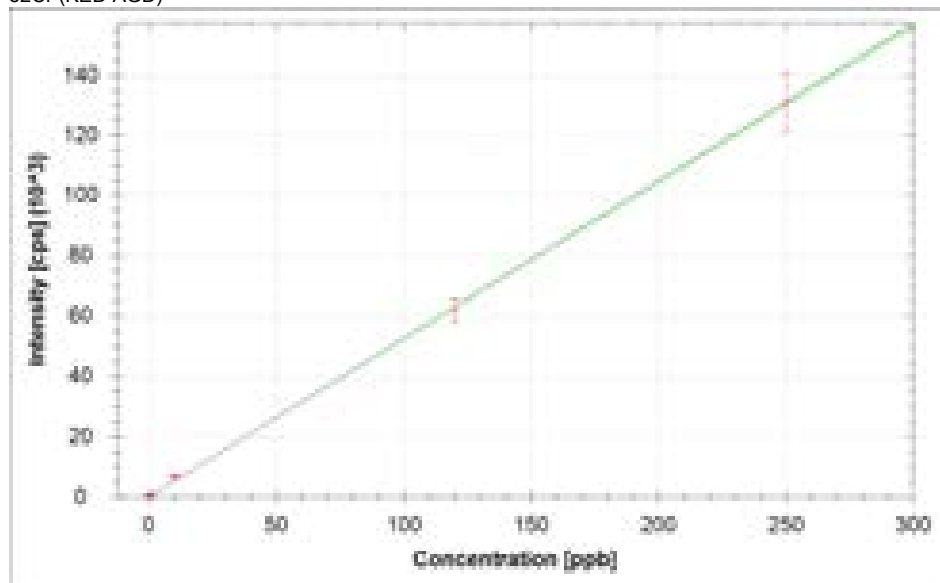
$f(x) = 116.4243 \cdot x + 43.9285$
 $R^2 = 0.9998$
 BEC = 0.377 ppb
 LoD = 1.7358 ppb

51V (KED AGD)



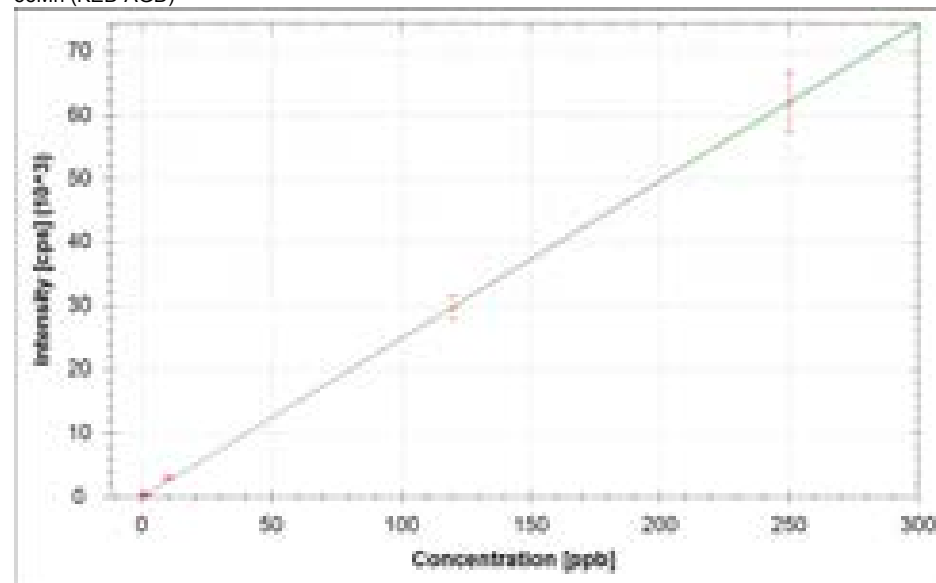
$f(x) = 355.3872 \cdot x + 4.4310$
 $R^2 = 0.9997$
 BEC = 0.012 ppb
 LoD = 0.0648 ppb

52Cr (KED AGD)



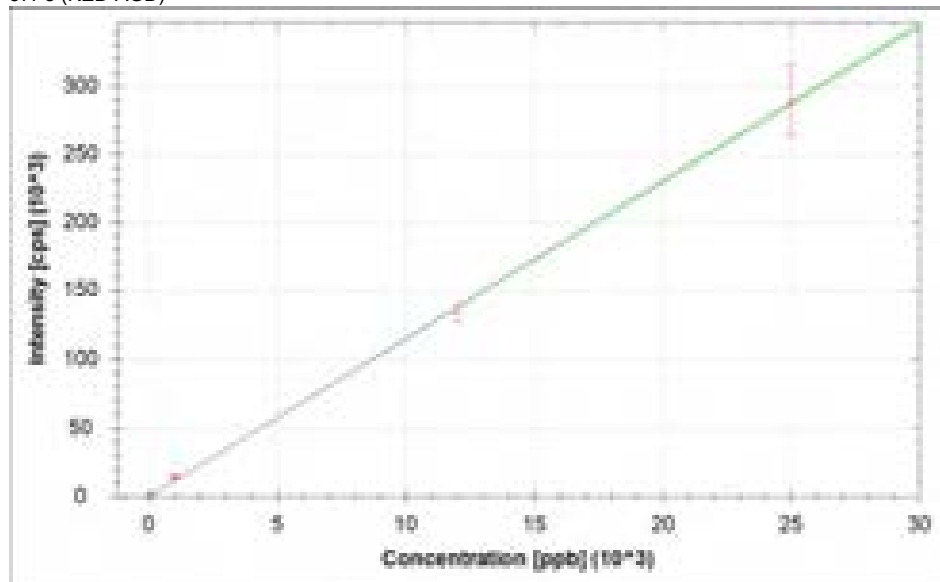
$f(x) = 522.3630 \cdot x + 195.5260$
 $R^2 = 0.9997$
 BEC = 0.374 ppb
 LoD = 0.0278 ppb

55Mn (KED AGD)



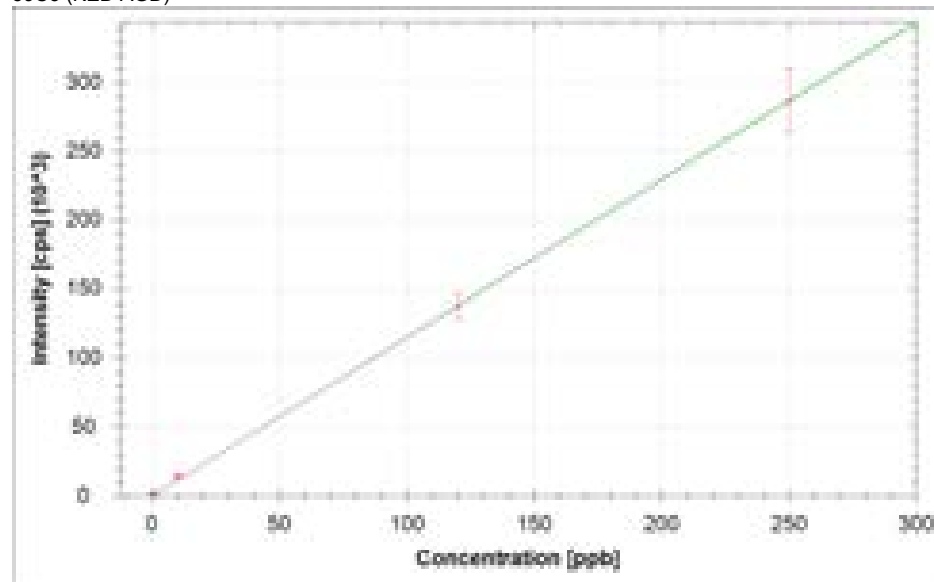
$f(x) = 247.9615 \cdot x + 22.1605$
 $R^2 = 0.9999$
 BEC = 0.089 ppb
 LoD = 0.0905 ppb

57Fe (KED AGD)



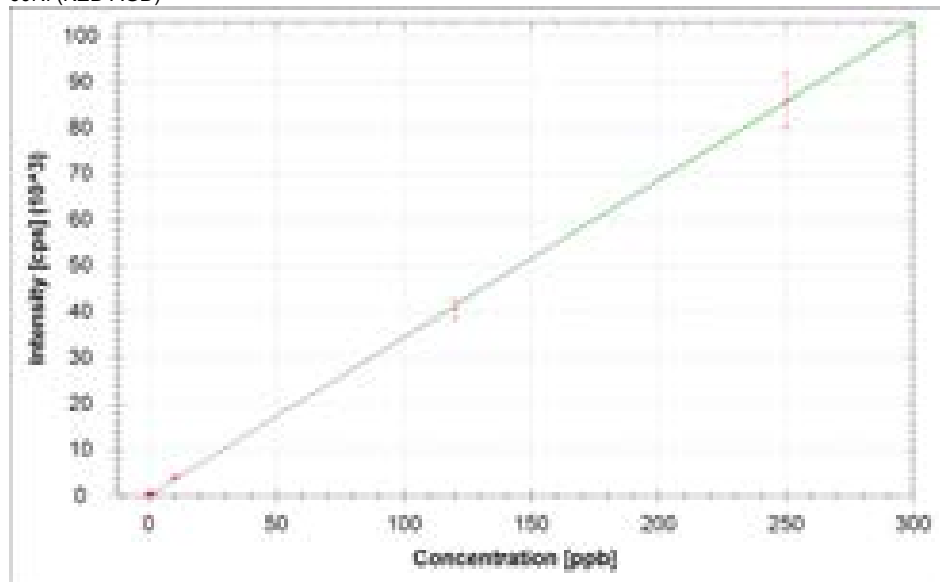
$f(x) = 11.4931 \cdot x + 22.3253$
 $R^2 = 0.9997$
 BEC = 1.942 ppb
 LoD = 2.7528 ppb

59Co (KED AGD)



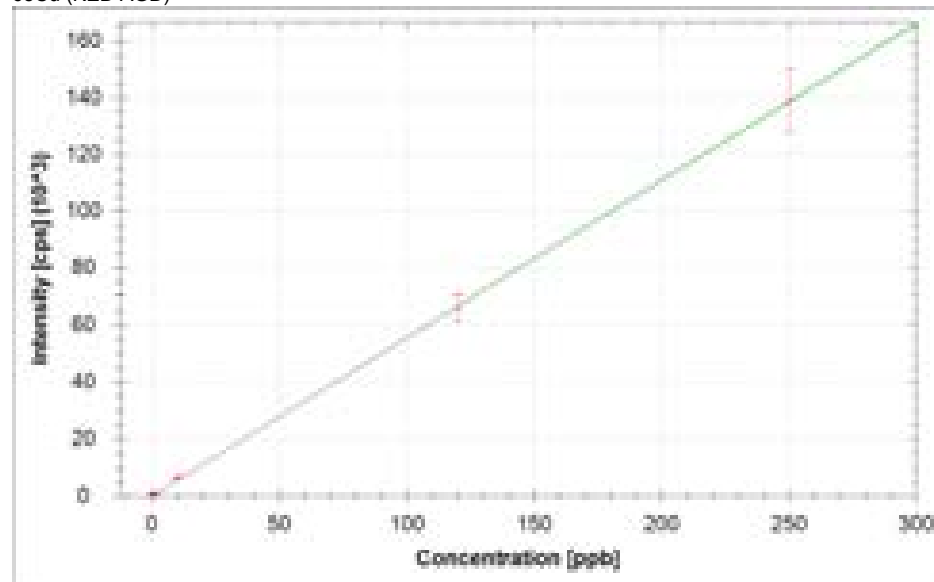
$f(x) = 1147.7218 \cdot x + 4.4444$
 $R^2 = 0.9999$
 BEC = 0.004 ppb
 LoD = 0.0101 ppb

60Ni (KED AGD)



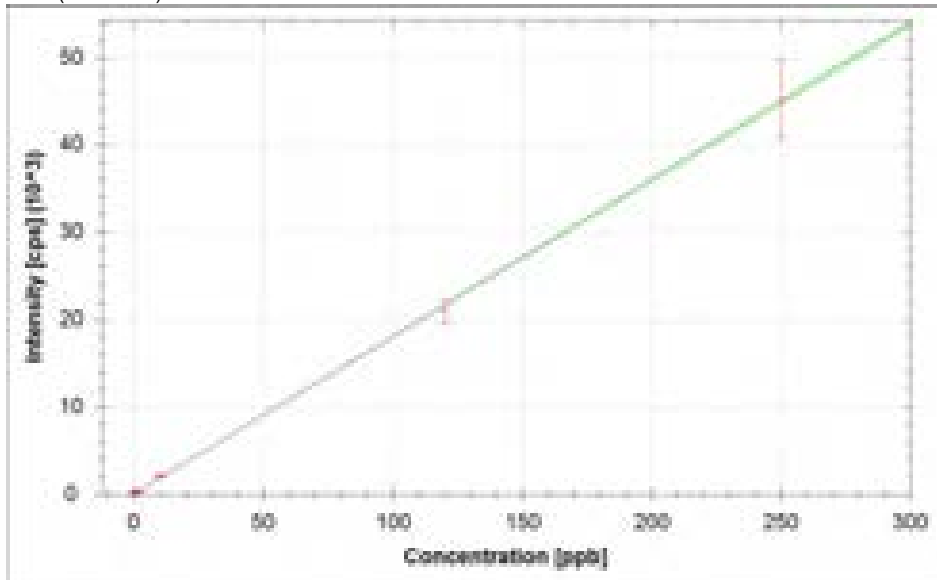
$f(x) = 342.2354 \cdot x + 189.2282$
 $R^2 = 0.9999$
 BEC = 0.553 ppb
 LoD = 0.3496 ppb

65Cu (KED AGD)



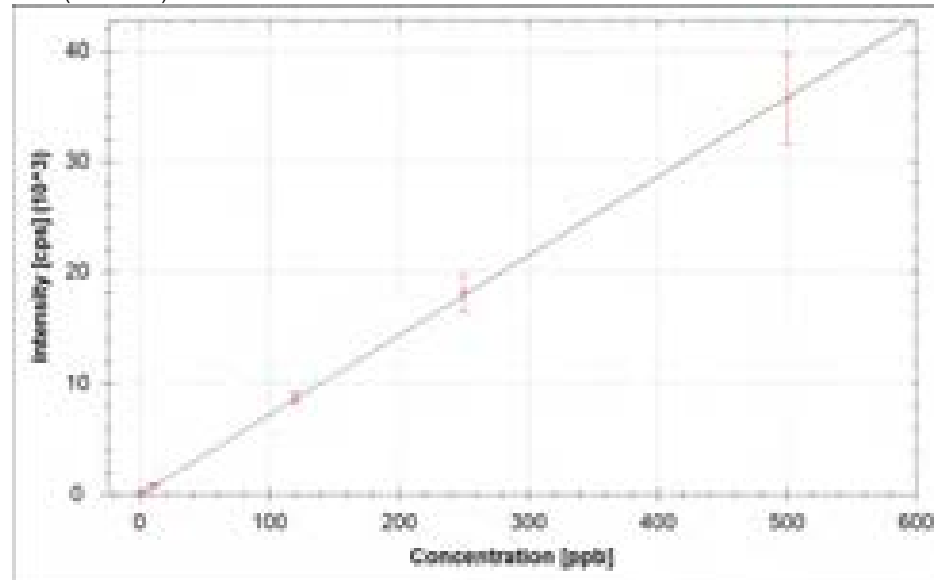
$f(x) = 553.6537 \cdot x + 68.8289$
 $R^2 = 0.9999$
 BEC = 0.124 ppb
 LoD = 0.0368 ppb

66Zn (KED AGD)



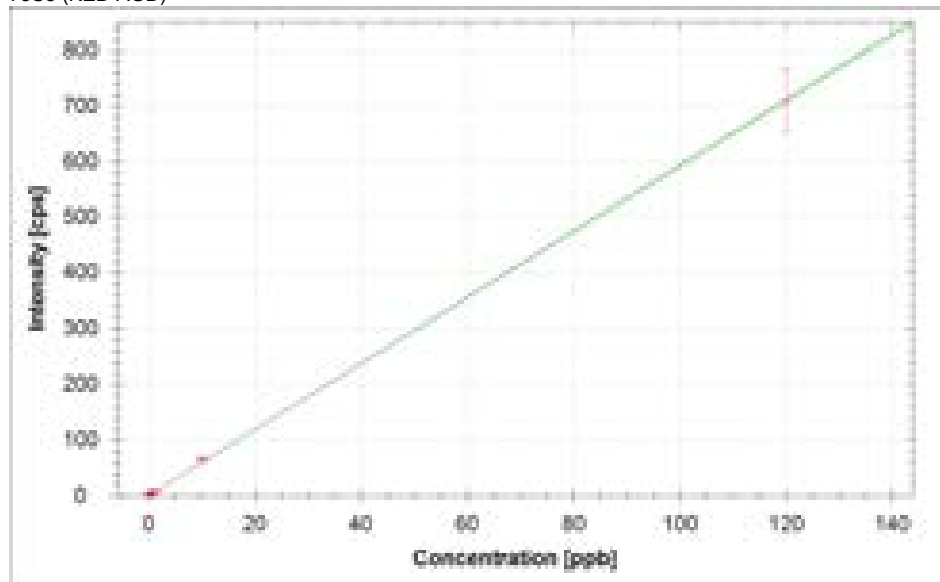
$f(x) = 179.4207 \cdot x + 94.6174$
 $R^2 = 0.9996$
 BEC = 0.527 ppb
 LoD = 0.2031 ppb

75As (KED AGD)



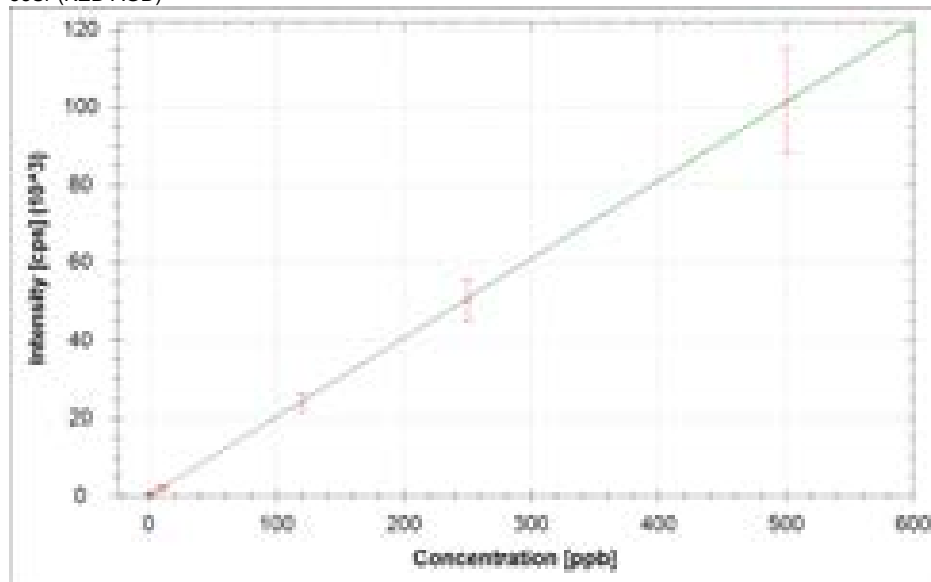
$f(x) = 71.5590 \cdot x + 0.2833$
 $R^2 = 1.0000$
 BEC = 0.004 ppb
 LoD = 0.0206 ppb

78Se (KED AGD)



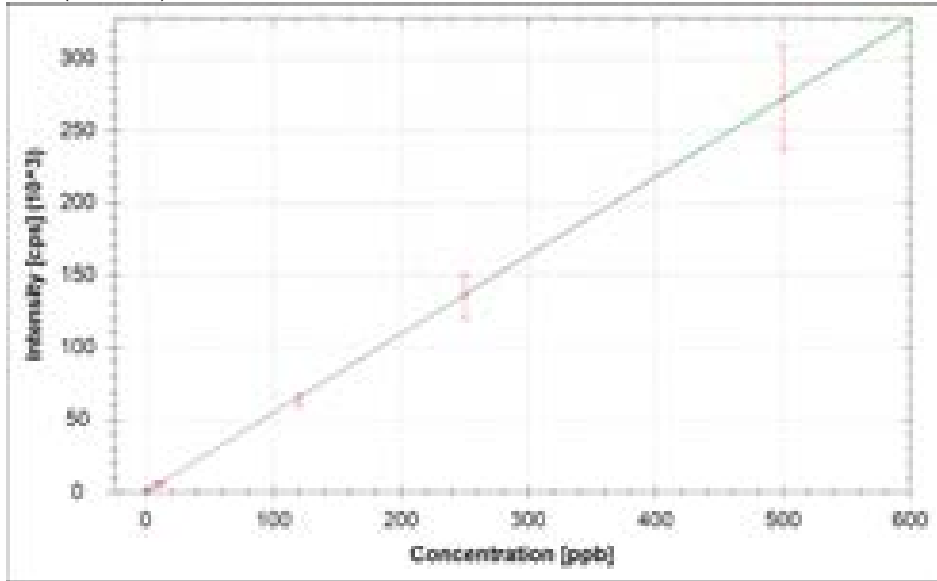
$f(x) = 5.9137 \cdot x + 1.1047$
 $R^2 = 0.9999$
 BEC = 0.187 ppb
 LoD = 0.2441 ppb

88Sr (KED AGD)



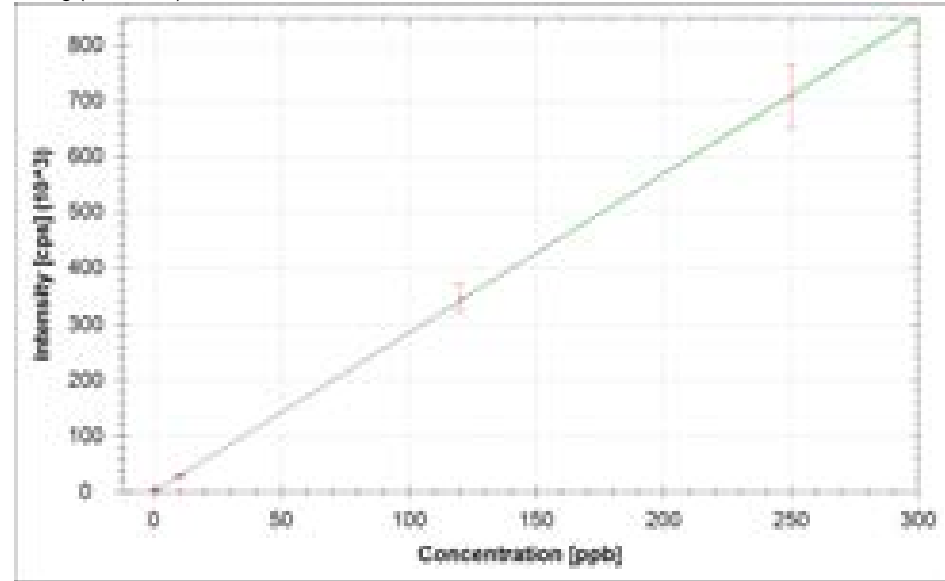
$f(x) = 202.6409 \cdot x + 18.9969$
 $R^2 = 0.9999$
 BEC = 0.094 ppb
 LoD = 0.1218 ppb

95Mo (KED AGD)



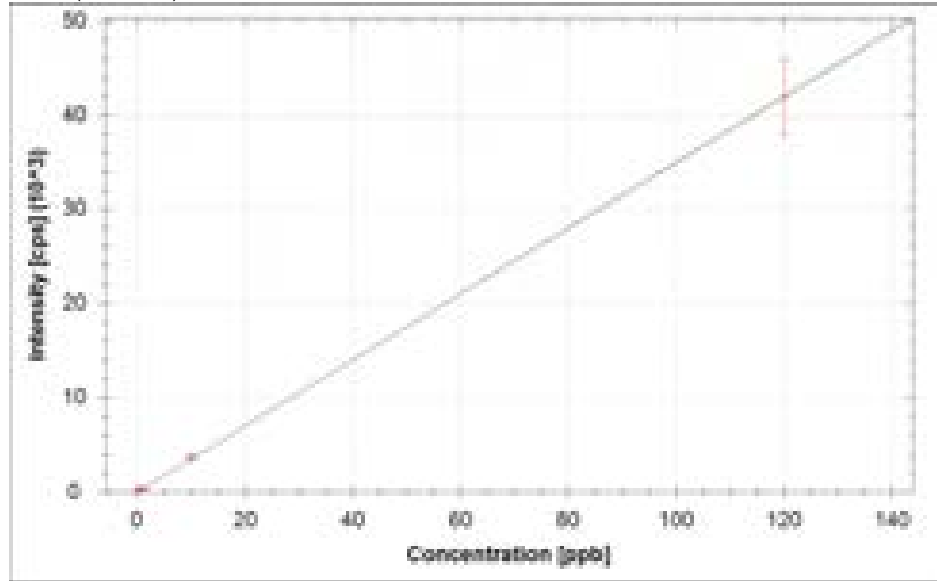
$f(x) = 544.5489 \cdot x + 17.7535$
 $R^2 = 0.9999$
BEC = 0.033 ppb
LoD = 0.0203 ppb

107Ag (KED AGD)



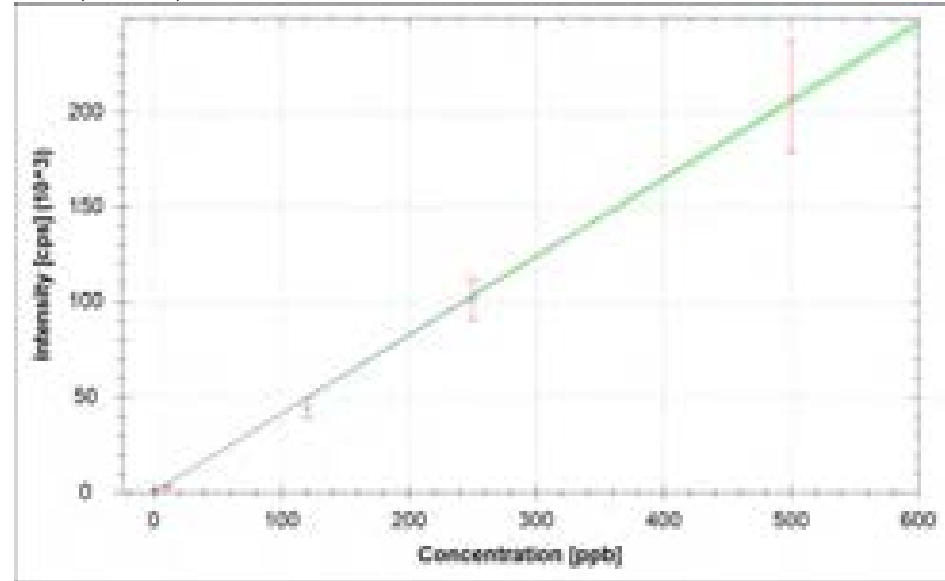
$f(x) = 2845.1930 \cdot x + 17.7938$
 $R^2 = 0.9999$
BEC = 0.006 ppb
LoD = 0.0022 ppb

111Cd (KED AGD)



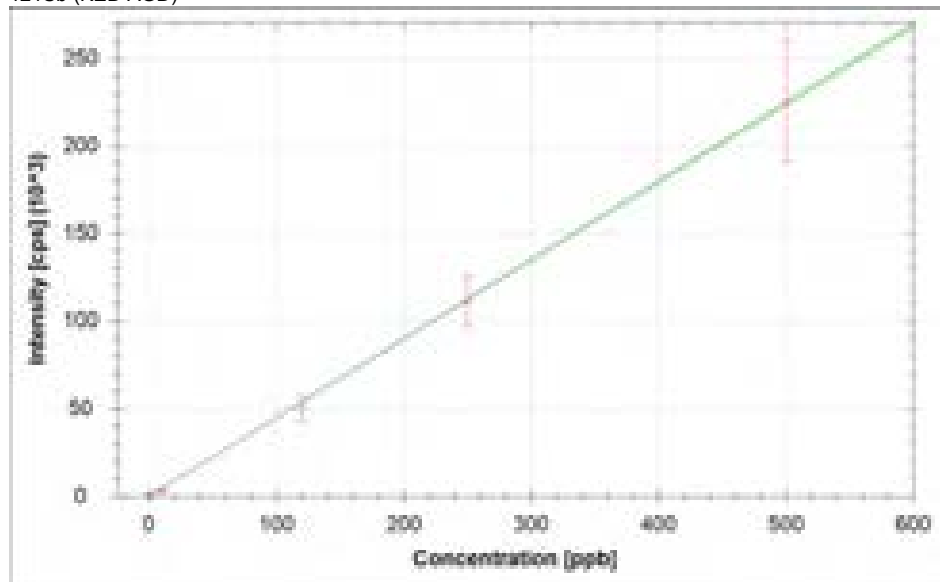
$f(x) = 349.4565 \cdot x + 2.6821$
 $R^2 = 1.0000$
BEC = 0.008 ppb
LoD = 0.0118 ppb

118Sn (KED AGD)



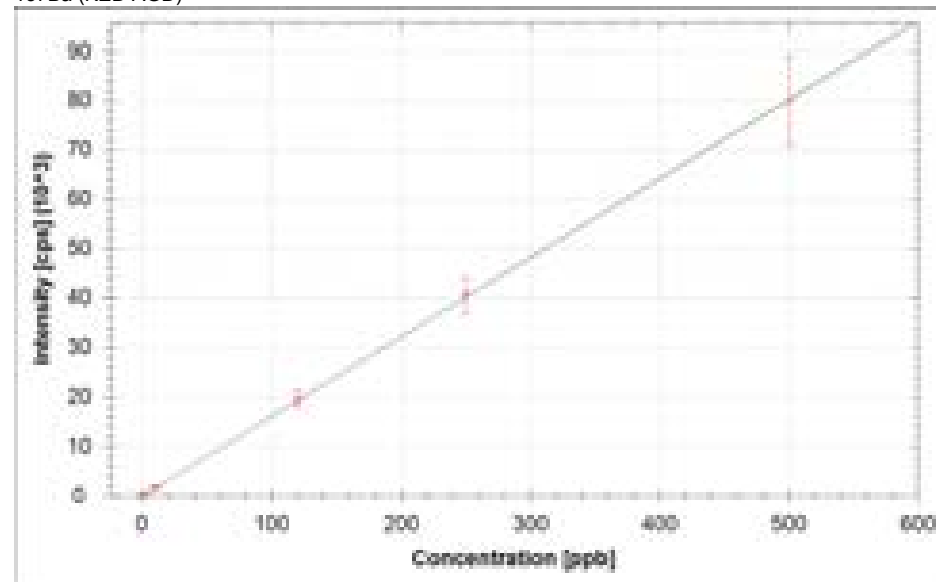
$f(x) = 411.2496 \cdot x + 179.2425$
 $R^2 = 0.9991$
BEC = 0.436 ppb
LoD = 0.2900 ppb

121Sb (KED AGD)



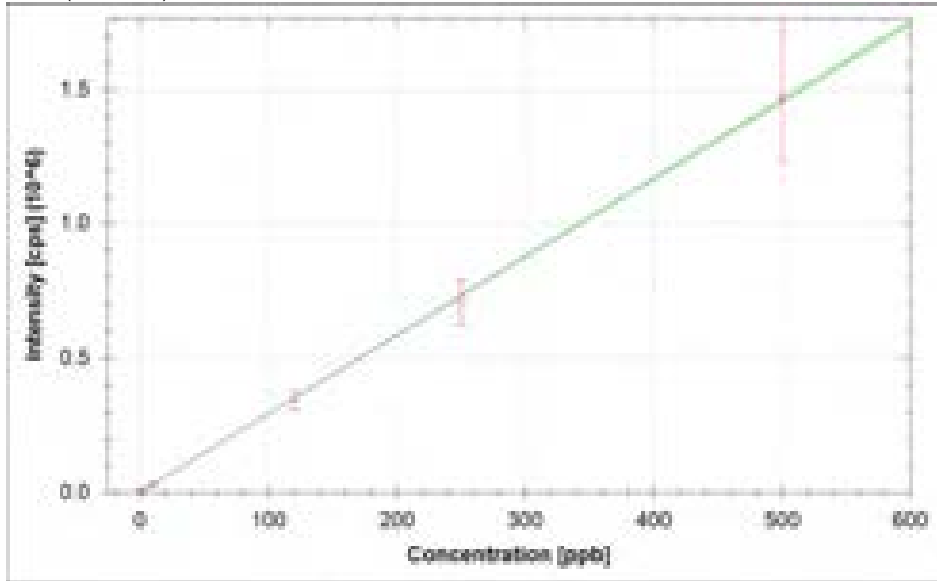
$f(x) = 448.7845 \cdot x + 25.8357$
 $R^2 = 0.9996$
 BEC = 0.058 ppb
 LoD = 0.0362 ppb

137Ba (KED AGD)



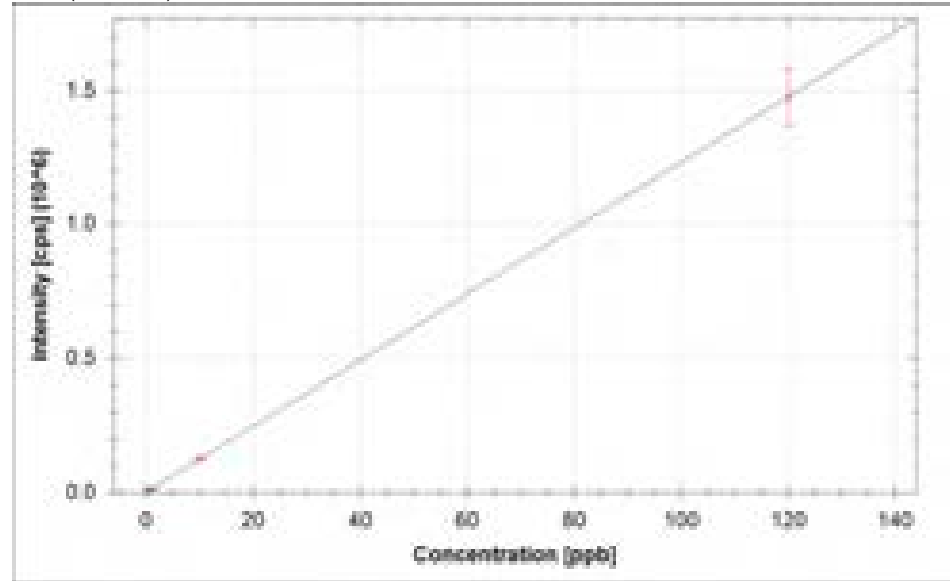
$f(x) = 160.4275 \cdot x + 6.7187$
 $R^2 = 0.9999$
 BEC = 0.042 ppb
 LoD = 0.2176 ppb

183W (KED AGD)



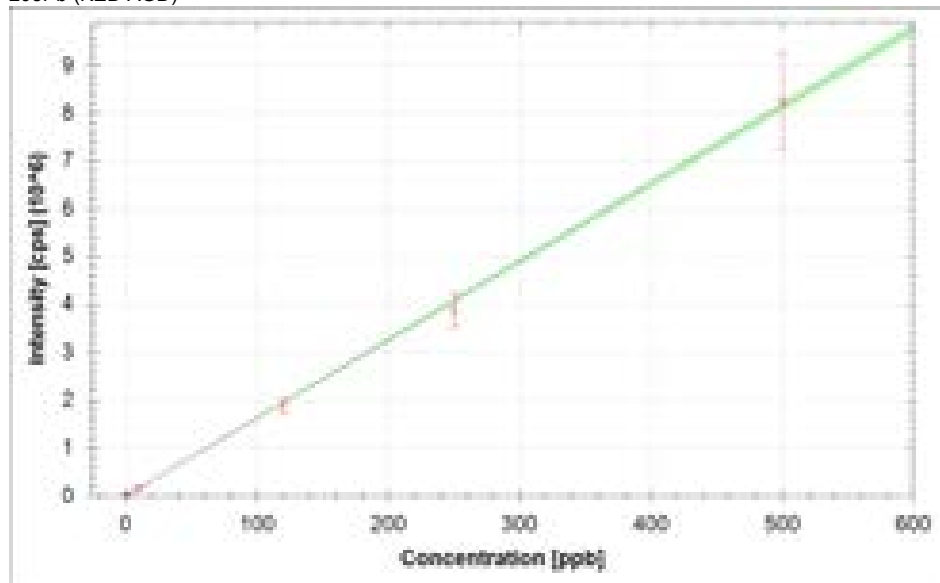
$f(x) = 2916.9626 \cdot x + 690.3649$
 $R^2 = 0.9996$
BEC = 0.237 ppb
LoD = 0.0620 ppb

205TI (KED AGD)



$f(x) = 12300.2109 \cdot x + 68.8877$
 $R^2 = 1.0000$
BEC = 0.006 ppb
LoD = 0.0049 ppb

208Pb (KED AGD)



$f(x) = 16296.5144 \cdot x + 601.6059$
 $R^2 = 0.9990$
BEC = 0.037 ppb
LoD = 0.0539 ppb

Standard

Analysis Index: 4
 Analysis Name: 0.2/20 Cal
 Analysis Type: STD
 Analysis Started at: 3/7/2018 7:59:50 AM
 Standard (Stock): Calibration Standard 6020/200.8
 Standard DF: 50000
 Rack: 0
 Vial: 2

Category	Concentration average	Concentration RSD	Standard Concentration
6Li (STD AGD)	94.889 %	N/A	
6Li (KED AGD)	97.406 %	N/A	
9Be (STD AGD)	0.197 ppb	5.6 %	0.200 ppb
23Na (KED AGD)	58.942 ppb	24.2 %	20.000 ppb
24Mg (KED AGD)	21.759 ppb	36.5 %	20.000 ppb
27Al (KED AGD)	0.809 ppb	25.3 %	0.200 ppb
39K (KED AGD)	34.549 ppb	4.7 %	20.000 ppb
44Ca (KED AGD)	12.868 ppb	11.8 %	20.000 ppb
45Sc (STD AGD)	87.923 %	N/A	
45Sc (KED AGD)	87.456 %	N/A	
48Ti (KED AGD)	-0.102 ppb	145.5 %	0.200 ppb
51V (KED AGD)	0.178 ppb	18.5 %	0.200 ppb
52Cr (KED AGD)	0.211 ppb	20.7 %	0.200 ppb
55Mn (KED AGD)	0.212 ppb	58.0 %	0.200 ppb
57Fe (KED AGD)	21.316 ppb	8.3 %	20.000 ppb
59Co (KED AGD)	0.215 ppb	8.2 %	0.200 ppb
60Ni (KED AGD)	-0.230 ppb	12.7 %	0.200 ppb
65Cu (KED AGD)	0.247 ppb	7.9 %	0.200 ppb
66Zn (KED AGD)	0.230 ppb	37.1 %	0.200 ppb
74Ge (KED AGD)	96.767 %	N/A	
75As (KED AGD)	0.178 ppb	39.8 %	0.200 ppb
78Se (KED AGD)	0.418 ppb	78.9 %	0.200 ppb
88Sr (KED AGD)	0.180 ppb	30.8 %	0.200 ppb
95Mo (KED AGD)	0.200 ppb	24.5 %	0.200 ppb
103Rh (KED AGD)	98.763 %	N/A	
107Ag (KED AGD)	0.177 ppb	5.4 %	0.200 ppb
111Cd (KED AGD)	0.200 ppb	11.3 %	0.200 ppb
115In (KED AGD)	99.321 %	N/A	
118Sn (KED AGD)	0.026 ppb	223.0 %	0.200 ppb
121Sb (KED AGD)	0.197 ppb	27.2 %	0.200 ppb
137Ba (KED AGD)	0.194 ppb	33.8 %	0.200 ppb
159Tb (KED AGD)	100.132 %	N/A	
175Lu (KED AGD)	99.666 %	N/A	
183W (KED AGD)	0.190 ppb	43.5 %	0.200 ppb
205Tl (KED AGD)	0.171 ppb	7.0 %	0.200 ppb
208Pb (KED AGD)	0.163 ppb	8.5 %	0.200 ppb
209Bi (KED AGD)	97.149 %	N/A	

Standard

Analysis Index: 5
 Analysis Name: 1.0/100 Cal
 Analysis Type: STD
 Analysis Started at: 3/7/2018 8:03:42 AM
 Standard (Stock): Calibration Standard 6020/200.8
 Standard DF: 10000
 Rack: 0
 Vial: 3

Category	Concentration average	Concentration RSD	Standard Concentration
6Li (STD AGD)	95.503 %	N/A	
6Li (KED AGD)	100.191 %	N/A	
9Be (STD AGD)	1.002 ppb	2.8 %	1.000 ppb
23Na (KED AGD)	138.333 ppb	15.7 %	100.000 ppb
24Mg (KED AGD)	108.619 ppb	9.6 %	100.000 ppb
27Al (KED AGD)	1.161 ppb	18.9 %	1.000 ppb
39K (KED AGD)	111.005 ppb	21.6 %	100.000 ppb
44Ca (KED AGD)	99.140 ppb	26.6 %	100.000 ppb
45Sc (STD AGD)	88.885 %	N/A	
45Sc (KED AGD)	91.097 %	N/A	
48Ti (KED AGD)	0.654 ppb	22.4 %	1.000 ppb
51V (KED AGD)	1.243 ppb	16.9 %	1.000 ppb
52Cr (KED AGD)	1.255 ppb	1.8 %	1.000 ppb
55Mn (KED AGD)	1.329 ppb	11.6 %	1.000 ppb
57Fe (KED AGD)	116.511 ppb	2.7 %	100.000 ppb
59Co (KED AGD)	1.187 ppb	4.0 %	1.000 ppb
60Ni (KED AGD)	0.582 ppb	32.4 %	1.000 ppb
65Cu (KED AGD)	1.063 ppb	15.7 %	1.000 ppb
66Zn (KED AGD)	1.067 ppb	15.8 %	1.000 ppb
74Ge (KED AGD)	97.545 %	N/A	
75As (KED AGD)	0.937 ppb	20.0 %	1.000 ppb
78Se (KED AGD)	1.035 ppb	37.4 %	1.000 ppb
88Sr (KED AGD)	1.000 ppb	10.5 %	1.000 ppb
95Mo (KED AGD)	0.854 ppb	8.3 %	1.000 ppb
103Rh (KED AGD)	97.742 %	N/A	
107Ag (KED AGD)	1.003 ppb	4.4 %	1.000 ppb
111Cd (KED AGD)	0.988 ppb	6.5 %	1.000 ppb
115In (KED AGD)	97.353 %	N/A	
118Sn (KED AGD)	0.453 ppb	10.3 %	1.000 ppb
121Sb (KED AGD)	0.638 ppb	10.8 %	1.000 ppb
137Ba (KED AGD)	0.892 ppb	10.0 %	1.000 ppb
159Tb (KED AGD)	98.021 %	N/A	
175Lu (KED AGD)	98.684 %	N/A	
183W (KED AGD)	0.869 ppb	8.4 %	1.000 ppb
205Tl (KED AGD)	0.970 ppb	5.3 %	1.000 ppb
208Pb (KED AGD)	0.927 ppb	7.2 %	1.000 ppb
209Bi (KED AGD)	97.913 %	N/A	

Standard

Analysis Index: 6
 Analysis Name: 10/1000 Cal
 Analysis Type: STD
 Analysis Started at: 3/7/2018 8:07:34 AM
 Standard (Stock): Calibration Standard 6020/200.8
 Standard DF: 1000
 Rack: 0
 Vial: 4

Category	Concentration average	Concentration RSD	Standard Concentration
6Li (STD AGD)	94.620 %	N/A	
6Li (KED AGD)	99.639 %	N/A	
9Be (STD AGD)	10.373 ppb	0.6 %	10.000 ppb
23Na (KED AGD)	1,180.890 ppb	6.0 %	1,000.000 ppb
24Mg (KED AGD)	1,189.233 ppb	6.3 %	1,000.000 ppb
27Al (KED AGD)	12.272 ppb	17.9 %	10.000 ppb
39K (KED AGD)	1,026.347 ppb	6.5 %	1,000.000 ppb
44Ca (KED AGD)	1,011.149 ppb	12.0 %	1,000.000 ppb
45Sc (STD AGD)	90.047 %	N/A	
45Sc (KED AGD)	89.977 %	N/A	
48Ti (KED AGD)	9.481 ppb	11.2 %	10.000 ppb
51V (KED AGD)	12.616 ppb	6.9 %	10.000 ppb
52Cr (KED AGD)	13.030 ppb	4.7 %	10.000 ppb
55Mn (KED AGD)	11.979 ppb	6.7 %	10.000 ppb
57Fe (KED AGD)	1,218.491 ppb	2.1 %	1,000.000 ppb
59Co (KED AGD)	12.448 ppb	5.2 %	10.000 ppb
60Ni (KED AGD)	11.244 ppb	11.3 %	10.000 ppb
65Cu (KED AGD)	11.613 ppb	6.0 %	10.000 ppb
66Zn (KED AGD)	11.346 ppb	3.2 %	10.000 ppb
74Ge (KED AGD)	96.687 %	N/A	
75As (KED AGD)	10.802 ppb	3.9 %	10.000 ppb
78Se (KED AGD)	11.157 ppb	5.2 %	10.000 ppb
88Sr (KED AGD)	9.915 ppb	8.2 %	10.000 ppb
95Mo (KED AGD)	9.828 ppb	7.1 %	10.000 ppb
103Rh (KED AGD)	98.250 %	N/A	
107Ag (KED AGD)	10.219 ppb	4.1 %	10.000 ppb
111Cd (KED AGD)	10.574 ppb	5.7 %	10.000 ppb
115In (KED AGD)	98.188 %	N/A	
118Sn (KED AGD)	7.251 ppb	5.5 %	10.000 ppb
121Sb (KED AGD)	7.004 ppb	7.1 %	10.000 ppb
137Ba (KED AGD)	10.326 ppb	13.2 %	10.000 ppb
159Tb (KED AGD)	97.893 %	N/A	
175Lu (KED AGD)	98.291 %	N/A	
183W (KED AGD)	9.407 ppb	5.7 %	10.000 ppb
205Tl (KED AGD)	10.117 ppb	2.3 %	10.000 ppb
208Pb (KED AGD)	9.736 ppb	4.4 %	10.000 ppb
209Bi (KED AGD)	98.729 %	N/A	

Standard

Analysis Index: 7
 Analysis Name: 120/12000
 Analysis Type: STD
 Analysis Started at: 3/7/2018 8:11:27 AM
 Standard (Stock): Calibration Standard 6020/200.8
 Standard DF: 83.3333333
 Rack: 0
 Vial: 5

Category	Concentration average	Concentration RSD	Standard Concentration
6Li (STD AGD)	95.233 %	N/A	
6Li (KED AGD)	98.448 %	N/A	
9Be (STD AGD)	119.354 ppb	0.1 %	120.000 ppb
23Na (KED AGD)	11,984.542 ppb	5.4 %	12,000.000 ppb
24Mg (KED AGD)	12,111.120 ppb	5.6 %	12,000.000 ppb
27Al (KED AGD)	118.747 ppb	3.0 %	120.000 ppb
39K (KED AGD)	12,543.617 ppb	9.1 %	12,000.000 ppb
44Ca (KED AGD)	12,271.707 ppb	10.3 %	12,000.000 ppb
45Sc (STD AGD)	113.177 %	N/A	
45Sc (KED AGD)	123.563 %	N/A	
48Ti (KED AGD)	123.188 ppb	8.5 %	120.000 ppb
51V (KED AGD)	117.660 ppb	3.1 %	120.000 ppb
52Cr (KED AGD)	118.048 ppb	6.4 %	120.000 ppb
55Mn (KED AGD)	119.221 ppb	5.7 %	120.000 ppb
57Fe (KED AGD)	11,663.698 ppb	4.9 %	12,000.000 ppb
59Co (KED AGD)	119.589 ppb	6.2 %	120.000 ppb
60Ni (KED AGD)	118.135 ppb	5.4 %	120.000 ppb
65Cu (KED AGD)	118.240 ppb	6.7 %	120.000 ppb
66Zn (KED AGD)	116.064 ppb	6.8 %	120.000 ppb
74Ge (KED AGD)	98.179 %	N/A	
75As (KED AGD)	121.617 ppb	6.1 %	120.000 ppb
78Se (KED AGD)	119.903 ppb	7.9 %	120.000 ppb
88Sr (KED AGD)	118.029 ppb	9.3 %	120.000 ppb
95Mo (KED AGD)	116.568 ppb	7.9 %	120.000 ppb
103Rh (KED AGD)	97.551 %	N/A	
107Ag (KED AGD)	122.147 ppb	6.9 %	120.000 ppb
111Cd (KED AGD)	119.952 ppb	9.6 %	120.000 ppb
115In (KED AGD)	99.909 %	N/A	
118Sn (KED AGD)	108.384 ppb	11.6 %	120.000 ppb
121Sb (KED AGD)	112.012 ppb	13.8 %	120.000 ppb
137Ba (KED AGD)	122.252 ppb	9.1 %	120.000 ppb
159Tb (KED AGD)	101.975 %	N/A	
175Lu (KED AGD)	99.811 %	N/A	
183W (KED AGD)	116.472 ppb	9.9 %	120.000 ppb
205Tl (KED AGD)	119.991 ppb	7.3 %	120.000 ppb
208Pb (KED AGD)	115.167 ppb	8.7 %	120.000 ppb
209Bi (KED AGD)	99.315 %	N/A	

Standard

Analysis Index: 8
 Analysis Name: 250/25000
 Analysis Type: STD
 Analysis Started at: 3/7/2018 8:15:20 AM
 Standard (Stock): Calibration Standard 6020/200.8
 Standard DF: 40
 Rack: 0
 Vial: 6

Category	Concentration average	Concentration RSD	Standard Concentration
6Li (STD AGD)	90.514 %	N/A	
6Li (KED AGD)	98.916 %	N/A	
9Be (STD AGD)	250.295 ppb	0.2 %	250.000 ppb
23Na (KED AGD)	24,765.700 ppb	8.3 %	25,000.000 ppb
24Mg (KED AGD)	24,939.057 ppb	9.0 %	25,000.000 ppb
27Al (KED AGD)	250.509 ppb	7.8 %	250.000 ppb
39K (KED AGD)	24,737.954 ppb	9.0 %	25,000.000 ppb
44Ca (KED AGD)	24,869.144 ppb	11.1 %	25,000.000 ppb
45Sc (STD AGD)	104.030 %	N/A	
45Sc (KED AGD)	118.000 %	N/A	
48Ti (KED AGD)	248.492 ppb	12.7 %	250.000 ppb
51V (KED AGD)	251.018 ppb	7.2 %	250.000 ppb
52Cr (KED AGD)	250.815 ppb	7.3 %	250.000 ppb
55Mn (KED AGD)	250.293 ppb	7.5 %	250.000 ppb
57Fe (KED AGD)	25,152.618 ppb	9.0 %	25,000.000 ppb
59Co (KED AGD)	250.099 ppb	8.1 %	250.000 ppb
60Ni (KED AGD)	250.848 ppb	6.9 %	250.000 ppb
65Cu (KED AGD)	250.780 ppb	8.0 %	250.000 ppb
66Zn (KED AGD)	251.835 ppb	10.0 %	250.000 ppb
74Ge (KED AGD)	94.127 %	N/A	
75As (KED AGD)	252.209 ppb	9.3 %	250.000 ppb
78Se (KED AGD)	244.076 ppb	7.4 %	250.000 ppb
88Sr (KED AGD)	247.179 ppb	10.5 %	250.000 ppb
95Mo (KED AGD)	247.748 ppb	11.0 %	250.000 ppb
103Rh (KED AGD)	93.728 %	N/A	
107Ag (KED AGD)	248.961 ppb	8.1 %	250.000 ppb
111Cd (KED AGD)	244.946 ppb	9.7 %	250.000 ppb
115In (KED AGD)	96.667 %	N/A	
118Sn (KED AGD)	245.461 ppb	10.7 %	250.000 ppb
121Sb (KED AGD)	247.600 ppb	13.2 %	250.000 ppb
137Ba (KED AGD)	252.220 ppb	9.2 %	250.000 ppb
159Tb (KED AGD)	100.282 %	N/A	
175Lu (KED AGD)	97.895 %	N/A	
183W (KED AGD)	242.285 ppb	11.5 %	250.000 ppb
205Tl (KED AGD)	277.870 ppb	7.1 %	250.000 ppb
208Pb (KED AGD)	237.855 ppb	9.0 %	250.000 ppb
209Bi (KED AGD)	97.405 %	N/A	

Standard

Analysis Index: 9
 Analysis Name: 500/50000
 Analysis Type: STD
 Analysis Started at: 3/7/2018 8:19:14 AM
 Standard (Stock): Calibration Standard 6020/200.8
 Standard DF: 20
 Rack: 0
 Vial: 7

Category	Concentration average	Concentration RSD	Standard Concentration
6Li (STD AGD)	89.910 %	N/A	
6Li (KED AGD)	94.939 %	N/A	
9Be (STD AGD)	496.273 ppb	0.5 %	500.000 ppb
23Na (KED AGD)	49,169.117 ppb	7.1 %	50,000.000 ppb
24Mg (KED AGD)	49,228.332 ppb	8.2 %	50,000.000 ppb
27Al (KED AGD)	471.208 ppb	8.8 %	500.000 ppb
39K (KED AGD)	50,361.414 ppb	9.4 %	50,000.000 ppb
44Ca (KED AGD)	49,661.629 ppb	12.0 %	50,000.000 ppb
45Sc (STD AGD)	101.892 %	N/A	
45Sc (KED AGD)	117.617 %	N/A	
48Ti (KED AGD)	507.683 ppb	13.3 %	500.000 ppb
51V (KED AGD)	491.047 ppb	7.2 %	500.000 ppb
52Cr (KED AGD)	489.633 ppb	9.0 %	500.000 ppb
55Mn (KED AGD)	483.645 ppb	8.3 %	500.000 ppb
57Fe (KED AGD)	48,594.700 ppb	9.4 %	50,000.000 ppb
59Co (KED AGD)	485.855 ppb	9.6 %	500.000 ppb
60Ni (KED AGD)	480.504 ppb	10.1 %	500.000 ppb
65Cu (KED AGD)	480.241 ppb	11.1 %	500.000 ppb
66Zn (KED AGD)	462.938 ppb	9.8 %	500.000 ppb
74Ge (KED AGD)	91.691 %	N/A	
75As (KED AGD)	498.492 ppb	11.5 %	500.000 ppb
78Se (KED AGD)	483.178 ppb	13.3 %	500.000 ppb
88Sr (KED AGD)	501.885 ppb	13.3 %	500.000 ppb
95Mo (KED AGD)	501.953 ppb	13.1 %	500.000 ppb
103Rh (KED AGD)	92.773 %	N/A	
107Ag (KED AGD)	487.971 ppb	9.2 %	500.000 ppb
111Cd (KED AGD)	475.718 ppb	12.5 %	500.000 ppb
115In (KED AGD)	96.582 %	N/A	
118Sn (KED AGD)	505.113 ppb	14.2 %	500.000 ppb
121Sb (KED AGD)	503.178 ppb	15.2 %	500.000 ppb
137Ba (KED AGD)	498.343 ppb	11.1 %	500.000 ppb
159Tb (KED AGD)	101.128 %	N/A	
175Lu (KED AGD)	96.743 %	N/A	
183W (KED AGD)	504.716 ppb	16.5 %	500.000 ppb
205Tl (KED AGD)	506.732 ppb	11.2 %	500.000 ppb
208Pb (KED AGD)	507.238 ppb	12.3 %	500.000 ppb
209Bi (KED AGD)	95.548 %	N/A	

Alpha ICPMSQ2 Ful

3/8/2018 7:23:45 AM



Analysis index: 1 Analysis started at: 3/7/2018 7:48:11 AM Rack: 0
Analysis label: Rinse User name: ALPHALAB\metals-instrument Vial: 1

Alpha ICPMSQ2 Ful

3/8/2018 7:23:45 AM



Analysis index: 2 Analysis started at: 3/7/2018 7:52:02 AM Rack: 0
Analysis label: Rinse User name: ALPHALAB\metals-instrument Vial: 1

3/8/2018 7:23:45 AM

 Analysis index: 3 Analysis started at: 3/7/2018 7:55:54 AM Rack: 4
 Analysis label: Blank AM ICPMSQ2 User name: ALPHALAB\metals-instrument Vial: 49

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	100.000 %	100.000 %	0.000 ppb	0.000 ppb	0.000 ppb	0.000 ppb	0.000 ppb	0.000 ppb	100.000 %
Concentration per Run	100.000 %	100.000 %	0.000 ppb	0.000 ppb	0.000 ppb	0.000 ppb	0.000 ppb	0.000 ppb	100.000 %
Concentration RSD	N/A	N/A	0.2 %	0.0 %	0.9 %	0.2 %	0.1 %	0.5 %	N/A

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	100.000 %	0.000 ppb	0.000 ppb	0.000 ppb	0.000 ppb	0.000 ppb	0.000 ppb	0.000 ppb	0.000 ppb
Concentration per Run	100.000 %	0.000 ppb	0.000 ppb	0.000 ppb	0.000 ppb	0.000 ppb	0.000 ppb	0.000 ppb	0.000 ppb
Concentration RSD	N/A	1.5 %	1.7 %	0.0 %	0.3 %	0.5 %	0.9 %	0.2 %	0.1 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.000 ppb	100.000 %	0.000 ppb	0.000 ppb	0.000 ppb	0.000 ppb	100.000 %	0.000 ppb	0.000 ppb
Concentration per Run	0.000 ppb	100.000 %	0.000 ppb	0.000 ppb	0.000 ppb	0.000 ppb	100.000 %	0.000 ppb	0.000 ppb
Concentration RSD	0.1 %	N/A	1.7 %	0.4 %	0.4 %	0.2 %	N/A	0.1 %	0.5 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	100.000 %	0.000 ppb	0.000 ppb	0.000 ppb	100.000 %	100.000 %	0.000 ppb	0.000 ppb	0.000 ppb
Concentration per Run	100.000 %	0.000 ppb	0.000 ppb	0.000 ppb	100.000 %	100.000 %	0.000 ppb	0.000 ppb	0.000 ppb
Concentration RSD	N/A	0.2 %	0.2 %	1.7 %	N/A	N/A	0.1 %	0.3 %	0.5 %

Category	209Bi (KED AGD)
Concentration average	100.000 %
Concentration per Run	100.000 %
Concentration RSD	N/A

3/8/2018 7:23:45 AM

 Analysis index: 4 Analysis started at: 3/7/2018 7:59:50 AM Rack: 0
 Analysis label: 0.2/20 Cal User name: ALPHALAB\metals-instrument Vial: 2

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	94.889 %	97.406 %	0.197 ppb	58.942 ppb	21.759 ppb	0.809 ppb	34.549 ppb	12.868 ppb	87.923 %
Concentration per Run 1	95.721 %	94.344 %	0.192 ppb	72.498 ppb	21.381 ppb	0.955 ppb	33.837 ppb	13.278 ppb	87.937 %
Concentration per Run 2	94.486 %	96.577 %	0.210 ppb	60.264 ppb	29.894 ppb	0.575 ppb	33.405 ppb	14.140 ppb	87.546 %
Concentration per Run 3	94.459 %	101.297 %	0.189 ppb	44.065 ppb	14.002 ppb	0.899 ppb	36.405 ppb	11.187 ppb	88.285 %
Concentration RSD	N/A	N/A	5.6 %	24.2 %	36.5 %	25.3 %	4.7 %	11.8 %	N/A

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	87.456 %	-0.102 ppb	0.178 ppb	0.211 ppb	0.212 ppb	21.316 ppb	0.215 ppb	-0.230 ppb	0.247 ppb
Concentration per Run 1	79.197 %	-0.165 ppb	0.215 ppb	0.179 ppb	0.323 ppb	19.681 ppb	0.197 ppb	-0.264 ppb	0.236 ppb
Concentration per Run 2	90.375 %	0.067 ppb	0.152 ppb	0.260 ppb	0.232 ppb	23.193 ppb	0.216 ppb	-0.217 ppb	0.236 ppb
Concentration per Run 3	92.795 %	-0.208 ppb	0.167 ppb	0.193 ppb	0.080 ppb	21.074 ppb	0.231 ppb	-0.210 ppb	0.270 ppb
Concentration RSD	N/A	145.5 %	18.5 %	20.7 %	58.0 %	8.3 %	8.2 %	12.7 %	7.9 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.230 ppb	96.767 %	0.178 ppb	0.418 ppb	0.180 ppb	0.200 ppb	98.763 %	0.177 ppb	0.200 ppb
Concentration per Run 1	0.144 ppb	95.269 %	0.240 ppb	0.755 ppb	0.130 ppb	0.180 ppb	99.124 %	0.169 ppb	0.202 ppb
Concentration per Run 2	0.234 ppb	95.054 %	0.192 ppb	0.403 ppb	0.192 ppb	0.256 ppb	98.401 %	0.188 ppb	0.222 ppb
Concentration per Run 3	0.314 ppb	99.980 %	0.101 ppb	0.096 ppb	0.171 ppb	0.165 ppb	98.764 %	0.174 ppb	0.177 ppb
Concentration RSD	37.1 %	N/A	39.8 %	78.9 %	30.8 %	24.5 %	N/A	5.4 %	11.3 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	99.321 %	0.026 ppb	0.197 ppb	0.194 ppb	100.132 %	99.666 %	0.190 ppb	0.171 ppb	0.163 ppb
Concentration per Run 1	97.829 %	-0.039 ppb	0.152 ppb	0.169 ppb	99.322 %	98.511 %	0.122 ppb	0.157 ppb	0.155 ppb
Concentration per Run 2	100.482 %	0.073 ppb	0.256 ppb	0.145 ppb	99.938 %	99.684 %	0.166 ppb	0.180 ppb	0.155 ppb
Concentration per Run 3	99.653 %	0.044 ppb	0.183 ppb	0.269 ppb	101.135 %	100.803 %	0.283 ppb	0.176 ppb	0.179 ppb
Concentration RSD	N/A	223.0 %	27.2 %	33.8 %	N/A	N/A	43.5 %	7.0 %	8.5 %

Category	209Bi (KED AGD)
Concentration average	97.149 %
Concentration per Run 1	93.136 %
Concentration per Run 2	98.469 %
Concentration per Run 3	99.844 %
Concentration RSD	N/A

3/8/2018 7:23:45 AM

 Analysis index: 5 Analysis started at: 3/7/2018 8:03:42 AM Rack: 0
 Analysis label: 1.0/100 Cal User name: ALPHALAB/metals-instrument Vial: 3

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	95.503 %	100.191 %	1.002 ppb	138.333 ppb	108.619 ppb	1.161 ppb	111.005 ppb	99.140 ppb	88.885 %
Concentration per Run 1	95.564 %	102.382 %	1.023 ppb	119.202 ppb	102.573 ppb	0.911 ppb	84.287 ppb	80.930 ppb	89.209 %
Concentration per Run 2	95.150 %	94.727 %	1.012 ppb	161.918 ppb	120.681 ppb	1.253 ppb	130.474 ppb	129.421 ppb	88.116 %
Concentration per Run 3	95.794 %	103.466 %	0.971 ppb	133.878 ppb	102.604 ppb	1.319 ppb	118.255 ppb	87.069 ppb	89.330 %
Concentration RSD	N/A	N/A	2.8 %	15.7 %	9.6 %	18.9 %	21.6 %	26.6 %	N/A

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	91.097 %	0.654 ppb	1.243 ppb	1.255 ppb	1.329 ppb	116.511 ppb	1.187 ppb	0.582 ppb	1.063 ppb
Concentration per Run 1	83.166 %	0.490 ppb	1.003 ppb	1.250 ppb	1.503 ppb	113.109 ppb	1.140 ppb	0.403 ppb	1.254 ppb
Concentration per Run 2	94.393 %	0.771 ppb	1.399 ppb	1.235 ppb	1.274 ppb	119.405 ppb	1.236 ppb	0.564 ppb	0.985 ppb
Concentration per Run 3	95.732 %	0.702 ppb	1.327 ppb	1.281 ppb	1.210 ppb	117.019 ppb	1.184 ppb	0.779 ppb	0.949 ppb
Concentration RSD	N/A	22.4 %	16.9 %	1.8 %	11.6 %	2.7 %	4.0 %	32.4 %	15.7 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	1.067 ppb	97.545 %	0.937 ppb	1.035 ppb	1.000 ppb	0.854 ppb	97.742 %	1.003 ppb	0.988 ppb
Concentration per Run 1	1.252 ppb	91.765 %	0.744 ppb	1.339 ppb	0.965 ppb	0.936 ppb	95.997 %	0.952 ppb	0.922 ppb
Concentration per Run 2	0.921 ppb	100.800 %	1.118 ppb	0.599 ppb	1.118 ppb	0.820 ppb	98.463 %	1.019 ppb	0.992 ppb
Concentration per Run 3	1.028 ppb	100.070 %	0.951 ppb	1.167 ppb	1.117 ppb	0.807 ppb	98.766 %	1.036 ppb	1.050 ppb
Concentration RSD	15.8 %	N/A	20.0 %	37.4 %	10.5 %	8.3 %	N/A	4.4 %	6.5 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	97.353 %	0.453 ppb	0.638 ppb	0.892 ppb	98.021 %	98.684 %	0.869 ppb	0.970 ppb	0.927 ppb
Concentration per Run 1	92.929 %	0.399 ppb	0.677 ppb	0.791 ppb	96.557 %	97.358 %	0.790 ppb	0.914 ppb	0.856 ppb
Concentration per Run 2	100.222 %	0.480 ppb	0.558 ppb	0.924 ppb	97.738 %	99.532 %	0.884 ppb	0.983 ppb	0.939 ppb
Concentration per Run 3	98.910 %	0.481 ppb	0.677 ppb	0.962 ppb	99.768 %	99.163 %	0.934 ppb	1.014 ppb	0.987 ppb
Concentration RSD	N/A	10.3 %	10.8 %	10.0 %	N/A	N/A	8.4 %	5.3 %	7.2 %

Category	209Bi (KED AGD)
Concentration average	97.913 %
Concentration per Run 1	94.939 %
Concentration per Run 2	98.635 %
Concentration per Run 3	100.166 %
Concentration RSD	N/A

3/8/2018 7:23:45 AM

 Analysis index: 6 Analysis started at: 3/7/2018 8:07:34 AM Rack: 0
 Analysis label: 10/1000 Cal User name: ALPHALAB/metals-instrument Vial: 4

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	94.620 %	99.639 %	10.373 ppb	1,180.890 ppb	1,189.233 ppb	12.272 ppb	1,026.347 ppb	1,011.149 ppb	90.047 %
Concentration per Run 1	95.403 %	102.063 %	10.428 ppb	1,126.500 ppb	1,138.046 ppb	9.846 ppb	948.964 ppb	873.998 ppb	89.526 %
Concentration per Run 2	94.580 %	94.535 %	10.298 ppb	1,261.426 ppb	1,275.273 ppb	14.145 ppb	1,066.862 ppb	1,052.930 ppb	89.745 %
Concentration per Run 3	93.879 %	102.318 %	10.392 ppb	1,154.743 ppb	1,154.380 ppb	12.827 ppb	1,063.215 ppb	1,106.517 ppb	90.872 %
Concentration RSD	N/A	N/A	0.6 %	6.0 %	6.3 %	17.9 %	6.5 %	12.0 %	N/A

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	89.977 %	9.481 ppb	12.616 ppb	13.030 ppb	11.979 ppb	1,218.491 ppb	12.448 ppb	11.244 ppb	11.613 ppb
Concentration per Run 1	87.627 %	8.263 ppb	12.317 ppb	12.336 ppb	11.230 ppb	1,229.626 ppb	11.700 ppb	9.794 ppb	10.851 ppb
Concentration per Run 2	84.318 %	9.951 ppb	13.599 ppb	13.483 ppb	11.881 ppb	1,236.080 ppb	12.866 ppb	11.740 ppb	12.221 ppb
Concentration per Run 3	97.987 %	10.229 ppb	11.934 ppb	13.271 ppb	12.826 ppb	1,189.766 ppb	12.780 ppb	12.197 ppb	11.767 ppb
Concentration RSD	N/A	11.2 %	6.9 %	4.7 %	6.7 %	2.1 %	5.2 %	11.3 %	6.0 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	11.346 ppb	96.687 %	10.802 ppb	11.157 ppb	9.915 ppb	9.828 ppb	98.250 %	10.219 ppb	10.574 ppb
Concentration per Run 1	10.936 ppb	98.053 %	10.310 ppb	10.532 ppb	8.980 ppb	9.044 ppb	100.137 %	9.736 ppb	9.877 ppb
Concentration per Run 2	11.462 ppb	93.199 %	11.055 ppb	11.253 ppb	10.327 ppb	10.366 ppb	96.221 %	10.434 ppb	10.936 ppb
Concentration per Run 3	11.640 ppb	98.809 %	11.041 ppb	11.686 ppb	10.437 ppb	10.074 ppb	98.390 %	10.487 ppb	10.910 ppb
Concentration RSD	3.2 %	N/A	3.9 %	5.2 %	8.2 %	7.1 %	N/A	4.1 %	5.7 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	98.188 %	7.251 ppb	7.004 ppb	10.326 ppb	97.893 %	98.291 %	9.407 ppb	10.117 ppb	9.736 ppb
Concentration per Run 1	97.718 %	6.797 ppb	6.443 ppb	8.970 ppb	97.820 %	96.883 %	8.790 ppb	9.856 ppb	9.260 ppb
Concentration per Run 2	97.353 %	7.403 ppb	7.179 ppb	11.689 ppb	96.788 %	97.952 %	9.725 ppb	10.271 ppb	9.846 ppb
Concentration per Run 3	99.492 %	7.551 ppb	7.389 ppb	10.318 ppb	99.071 %	100.039 %	9.705 ppb	10.225 ppb	10.103 ppb
Concentration RSD	N/A	5.5 %	7.1 %	13.2 %	N/A	N/A	5.7 %	2.3 %	4.4 %

Category	209Bi (KED AGD)
Concentration average	98.729 %
Concentration per Run 1	97.180 %
Concentration per Run 2	97.991 %
Concentration per Run 3	101.016 %
Concentration RSD	N/A

3/8/2018 7:23:45 AM

 Analysis index: 7 Analysis started at: 3/7/2018 8:11:27 AM Rack: 0
 Analysis label: 120/12000 User name: ALPHALAB\metals-instrument Vial: 5

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	95.233 %	98.448 %	119.354 ppb	11,984.542 ppb	12,111.120 ppb	118.747 ppb	12,543.617 ppb	12,271.707 ppb	113.177 %
Concentration per Run 1	95.962 %	100.978 %	119.397 ppb	11,250.672 ppb	11,329.015 ppb	114.691 ppb	11,358.734 ppb	10,942.225 ppb	113.621 %
Concentration per Run 2	95.893 %	90.708 %	119.432 ppb	12,460.333 ppb	12,463.434 ppb	121.343 ppb	13,643.829 ppb	13,445.497 ppb	115.195 %
Concentration per Run 3	93.844 %	103.657 %	119.233 ppb	12,242.620 ppb	12,540.912 ppb	120.208 ppb	12,628.289 ppb	12,427.400 ppb	110.716 %
Concentration RSD	N/A	N/A	0.1 %	5.4 %	5.6 %	3.0 %	9.1 %	10.3 %	N/A

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	123.563 %	123.188 ppb	117.660 ppb	118.048 ppb	119.221 ppb	11,663.698 ppb	119.589 ppb	118.135 ppb	118.240 ppb
Concentration per Run 1	120.569 %	111.537 ppb	113.493 ppb	109.425 ppb	111.430 ppb	11,029.438 ppb	111.049 ppb	110.955 ppb	109.268 ppb
Concentration per Run 2	121.749 %	132.019 ppb	119.313 ppb	121.282 ppb	122.877 ppb	11,803.721 ppb	122.774 ppb	120.489 ppb	121.158 ppb
Concentration per Run 3	128.371 %	126.010 ppb	120.174 ppb	123.438 ppb	123.355 ppb	12,157.933 ppb	124.942 ppb	122.960 ppb	124.294 ppb
Concentration RSD	N/A	8.5 %	3.1 %	6.4 %	5.7 %	4.9 %	6.2 %	5.4 %	6.7 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	116.064 ppb	98.179 %	121.617 ppb	119.903 ppb	118.029 ppb	116.568 ppb	97.551 %	122.147 ppb	119.952 ppb
Concentration per Run 1	107.257 ppb	98.732 %	113.056 ppb	109.114 ppb	105.578 ppb	105.892 ppb	98.926 %	112.621 ppb	106.913 ppb
Concentration per Run 2	118.666 ppb	96.895 %	125.061 ppb	126.826 ppb	122.167 ppb	122.122 ppb	95.509 %	125.151 ppb	124.245 ppb
Concentration per Run 3	122.269 ppb	98.910 %	126.734 ppb	123.770 ppb	126.341 ppb	121.691 ppb	98.219 %	128.668 ppb	128.698 ppb
Concentration RSD	6.8 %	N/A	6.1 %	7.9 %	9.3 %	7.9 %	N/A	6.9 %	9.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	99.909 %	108.384 ppb	112.012 ppb	122.252 ppb	101.975 %	99.811 %	116.472 ppb	119.991 ppb	115.167 ppb
Concentration per Run 1	102.705 %	94.789 ppb	95.095 ppb	109.483 ppb	104.001 %	103.665 %	103.129 ppb	109.876 ppb	103.881 ppb
Concentration per Run 2	97.911 %	110.894 ppb	115.382 ppb	127.111 ppb	100.206 %	95.444 %	122.398 ppb	124.889 ppb	118.645 ppb
Concentration per Run 3	99.109 %	119.469 ppb	125.560 ppb	130.161 ppb	101.716 %	100.324 %	123.888 ppb	125.207 ppb	122.975 ppb
Concentration RSD	N/A	11.6 %	13.8 %	9.1 %	N/A	N/A	9.9 %	7.3 %	8.7 %

Category	209Bi (KED AGD)
Concentration average	99.315 %
Concentration per Run 1	101.042 %
Concentration per Run 2	96.986 %
Concentration per Run 3	99.916 %
Concentration RSD	N/A

3/8/2018 7:23:45 AM

 Analysis index: 8 Analysis started at: 3/7/2018 8:15:20 AM Rack: 0
 Analysis label: 250/25000 User name: ALPHALAB\metals-instrument Vial: 6

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	90.514 %	98.916 %	250.295 ppb	22,441.999 ppb	24,939.057 ppb	250.509 ppb	24,737.954 ppb	24,869.144 ppb	104.030 %
Concentration per Run 1	90.574 %	104.933 %	249.824 ppb	22,441.999 ppb	22,400.579 ppb	230.527 ppb	22,177.646 ppb	21,677.539 ppb	104.109 %
Concentration per Run 2	90.355 %	98.044 %	250.135 ppb	25,508.112 ppb	25,797.446 ppb	251.403 ppb	25,793.497 ppb	26,388.122 ppb	103.861 %
Concentration per Run 3	90.613 %	93.770 %	250.926 ppb	26,346.989 ppb	26,619.145 ppb	269.598 ppb	26,242.720 ppb	26,541.771 ppb	104.120 %
Concentration RSD	N/A	N/A	0.2 %		9.0 %	7.8 %	9.0 %	11.1 %	N/A

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	118.000 %	248.492 ppb	251.018 ppb	250.815 ppb	250.293 ppb	25,152.618 ppb	250.099 ppb	250.848 ppb	250.780 ppb
Concentration per Run 1	116.315 %	212.039 ppb	231.355 ppb	230.427 ppb	228.813 ppb	22,584.411 ppb	227.113 ppb	231.218 ppb	227.897 ppb
Concentration per Run 2	122.542 %	267.121 ppb	254.898 ppb	256.297 ppb	259.133 ppb	26,050.130 ppb	258.036 ppb	257.750 ppb	259.495 ppb
Concentration per Run 3	115.143 %	266.315 ppb	266.800 ppb	265.720 ppb	262.935 ppb	26,823.314 ppb	265.147 ppb	263.575 ppb	264.948 ppb
Concentration RSD	N/A	12.7 %	7.2 %	7.3 %	7.5 %	9.0 %	8.1 %	6.9 %	8.0 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	251.835 ppb	94.127 %	252.209 ppb		247.179 ppb	247.748 ppb	93.728 %	248.961 ppb	
Concentration per Run 1	222.648 ppb	97.862 %	225.350 ppb	223.314 ppb	217.163 ppb	216.289 ppb	97.649 %	225.808 ppb	217.697 ppb
Concentration per Run 2	266.070 ppb	93.059 %	267.646 ppb	256.156 ppb	264.098 ppb	261.191 ppb	94.351 %	259.114 ppb	255.555 ppb
Concentration per Run 3	266.788 ppb	91.461 %	263.631 ppb	252.758 ppb	260.275 ppb	265.765 ppb	89.183 %	261.961 ppb	261.586 ppb
Concentration RSD	10.0 %	N/A	9.3 %		10.5 %	11.0 %	N/A	8.1 %	

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	96.667 %	245.461 ppb	247.600 ppb	252.220 ppb	100.282 %	97.895 %	242.285 ppb		237.855 ppb
Concentration per Run 1	101.057 %	216.268 ppb	212.773 ppb	225.815 ppb	103.442 %	103.595 %	210.413 ppb	255.510 ppb	213.159 ppb
Concentration per Run 2	98.827 %	253.275 ppb	252.729 ppb	261.941 ppb	101.276 %	96.172 %	253.928 ppb	284.875 ppb	247.802 ppb
Concentration per Run 3	90.116 %	266.841 ppb	277.299 ppb	268.904 ppb	96.128 %	93.919 %	262.515 ppb	293.224 ppb	252.603 ppb
Concentration RSD	N/A	10.7 %	13.2 %	9.2 %	N/A	N/A	11.5 %		9.0 %

Category	209Bi (KED AGD)
Concentration average	97.405 %
Concentration per Run 1	100.751 %
Concentration per Run 2	98.896 %
Concentration per Run 3	92.568 %
Concentration RSD	N/A

3/8/2018 7:23:45 AM

 Analysis index: 9 Analysis started at: 3/7/2018 8:19:14 AM Rack: 0
 Analysis label: 500/50000 User name: ALPHALAB\metals-instrument Vial: 7

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	89.910 %	94.939 %							101.892 %
Concentration per Run 1	89.613 %	98.554 %	495.469 ppb	45,520.781 ppb	44,797.639 ppb	427.758 ppb	45,494.952 ppb	43,413.183 ppb	100.579 %
Concentration per Run 2	89.852 %	99.766 %	494.091 ppb	49,532.543 ppb	50,235.455 ppb	475.701 ppb	50,681.225 ppb	50,255.590 ppb	102.955 %
Concentration per Run 3	90.267 %	86.498 %	499.260 ppb	52,454.028 ppb	52,651.901 ppb	510.166 ppb	54,908.065 ppb	55,316.115 ppb	102.140 %
Concentration RSD	N/A	N/A							N/A

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	117.617 %								
Concentration per Run 1	114.341 %	436.614 ppb	452.215 ppb	441.490 ppb	439.165 ppb	43,642.030 ppb	435.494 ppb	430.346 ppb	423.326 ppb
Concentration per Run 2	124.140 %	514.867 ppb	499.983 ppb	499.112 ppb	493.790 ppb	49,520.383 ppb	494.817 ppb	484.310 ppb	487.805 ppb
Concentration per Run 3	114.369 %	571.566 ppb	520.943 ppb	528.296 ppb	517.979 ppb	52,621.686 ppb	527.255 ppb	526.855 ppb	529.592 ppb
Concentration RSD	N/A								

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average		91.691 %	498.492 ppb		501.885 ppb	501.953 ppb	92.773 %		
Concentration per Run 1	413.156 ppb	95.426 %	436.524 ppb	413.510 ppb	427.421 ppb	427.325 ppb	95.909 %	436.617 ppb	408.491 ppb
Concentration per Run 2	474.181 ppb	94.850 %	509.122 ppb	496.154 ppb	522.094 ppb	525.948 ppb	92.441 %	507.320 ppb	498.223 ppb
Concentration per Run 3	501.477 ppb	84.797 %	549.828 ppb	539.869 ppb	556.141 ppb	552.587 ppb	89.969 %	519.975 ppb	520.439 ppb
Concentration RSD		N/A	11.5 %		13.3 %	13.1 %		N/A	

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	96.582 %	505.113 ppb	503.178 ppb	498.343 ppb	101.128 %	96.743 %	504.716 ppb		507.238 ppb
Concentration per Run 1	100.986 %	425.464 ppb	418.252 ppb	434.276 ppb	104.441 %	101.807 %	408.916 ppb	485.443 ppb	435.872 ppb
Concentration per Run 2	96.114 %	524.970 ppb	524.344 ppb	530.668 ppb	100.953 %	96.623 %	560.682 ppb	583.564 ppb	536.457 ppb
Concentration per Run 3	92.645 %	564.906 ppb	566.937 ppb	530.086 ppb	97.991 %	91.800 %	544.551 ppb	601.187 ppb	549.385 ppb
Concentration RSD	N/A	14.2 %	15.2 %	11.1 %	N/A	N/A	16.5 %		12.3 %

Category	209Bi (KED AGD)
Concentration average	95.548 %
Concentration per Run 1	99.506 %
Concentration per Run 2	96.474 %
Concentration per Run 3	90.665 %
Concentration RSD	N/A

Alpha ICPMSQ2 Ful

3/8/2018 7:23:45 AM



Analysis index:	10	Analysis started at:	3/7/2018 8:23:08 AM	Rack:	0
Analysis label:	Rinse	User name:	ALPHALAB\metals-instrument	Vial:	1

3/8/2018 7:23:45 AM

 Analysis index: 11 Analysis started at: 3/7/2018 8:26:59 AM Rack: 4
 Analysis label: Sr 100ppb User name: ALPHALAB\metals-instrument Vial: 57

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	88.994 %	97.023 %	0.022 ppb	59.372 ppb	4.279 ppb	15.513 ppb	31.787 ppb	0.028 ppb	83.996 %
Concentration per Run 1	88.780 %	102.701 %	0.021 ppb	20.367 ppb	5.372 ppb	13.859 ppb	24.127 ppb	-6.155 ppb	84.010 %
Concentration per Run 2	89.463 %	93.642 %	0.024 ppb	88.669 ppb	4.669 ppb	17.348 ppb	43.177 ppb	-30.615 ppb	82.779 %
Concentration per Run 3	88.739 %	94.727 %	0.021 ppb	69.081 ppb	2.797 ppb	15.333 ppb	28.057 ppb	36.853 ppb	85.199 %
Concentration RSD	0.5 %	5.1 %	7.2 %	59.2 %	31.1 %	11.3 %	31.6 %	123,722.1 %	1.4 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	92.631 %	0.500 ppb	0.035 ppb	0.057 ppb	0.498 ppb	26.804 ppb	0.052 ppb	-0.252 ppb	0.460 ppb
Concentration per Run 1	95.520 %	0.459 ppb	0.046 ppb	0.037 ppb	0.580 ppb	17.278 ppb	0.050 ppb	-0.291 ppb	0.358 ppb
Concentration per Run 2	89.859 %	0.723 ppb	0.029 ppb	0.080 ppb	0.449 ppb	34.825 ppb	0.035 ppb	-0.271 ppb	0.424 ppb
Concentration per Run 3	92.513 %	0.318 ppb	0.028 ppb	0.055 ppb	0.465 ppb	28.309 ppb	0.072 ppb	-0.193 ppb	0.598 ppb
Concentration RSD	3.1 %	41.2 %	29.1 %	37.5 %	14.4 %	33.1 %	35.6 %	20.7 %	26.9 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	5.475 ppb	93.153 %	0.088 ppb	0.218 ppb	107.098 ppb	0.564 ppb	94.891 %	0.066 ppb	0.012 ppb
Concentration per Run 1	4.678 ppb	98.064 %	0.079 ppb	0.100 ppb	96.182 ppb	0.365 ppb	98.863 %	0.052 ppb	0.008 ppb
Concentration per Run 2	5.642 ppb	90.023 %	0.125 ppb	0.188 ppb	112.717 ppb	0.648 ppb	92.326 %	0.057 ppb	-0.004 ppb
Concentration per Run 3	6.103 ppb	91.371 %	0.060 ppb	0.367 ppb	112.396 ppb	0.679 ppb	93.484 %	0.091 ppb	0.033 ppb
Concentration RSD	13.3 %	4.6 %	38.3 %	62.2 %	8.8 %	30.7 %	3.7 %	32.4 %	152.1 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	96.657 %	7.273 ppb	3.293 ppb	1.305 ppb	99.081 %	99.592 %	1.750 ppb	0.056 ppb	0.063 ppb
Concentration per Run 1	100.234 %	6.478 ppb	2.740 ppb	1.191 ppb	102.065 %	104.062 %	1.354 ppb	0.052 ppb	0.048 ppb
Concentration per Run 2	95.156 %	7.597 ppb	3.247 ppb	1.290 ppb	98.232 %	96.859 %	1.886 ppb	0.056 ppb	0.069 ppb
Concentration per Run 3	94.580 %	7.744 ppb	3.893 ppb	1.434 ppb	96.945 %	97.854 %	2.012 ppb	0.061 ppb	0.073 ppb
Concentration RSD	3.2 %	9.5 %	17.6 %	9.4 %	2.7 %	3.9 %	20.0 %	7.9 %	21.1 %

Category	209Bi (KED AGD)
Concentration average	98.958 %
Concentration per Run 1	101.871 %
Concentration per Run 2	98.603 %
Concentration per Run 3	96.400 %
Concentration RSD	2.8 %

3/8/2018 7:23:45 AM

 Analysis index: 12 Analysis started at: 3/7/2018 8:30:55 AM Rack: 0
 Analysis label: ICV User name: ALPHALAB\metals-instrument Vial: 9

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	90.998 %	100.128 %	99.269 ppb	10,637.229 ppb	10,663.217 ppb	109.159 ppb	10,046.513 ppb	10,328.480 ppb	94.783 %
Concentration per Run 1	90.933 %	105.316 %	98.376 ppb	10,043.927 ppb	9,871.101 ppb	100.783 ppb	9,943.231 ppb	10,117.328 ppb	94.123 %
Concentration per Run 2	91.625 %	98.235 %	99.342 ppb	10,934.393 ppb	11,013.335 ppb	110.436 ppb	10,271.192 ppb	10,348.032 ppb	95.065 %
Concentration per Run 3	90.435 %	96.832 %	100.090 ppb	10,933.367 ppb	11,105.217 ppb	116.258 ppb	9,925.116 ppb	10,520.080 ppb	95.160 %
Recovery Percentage 1			99.269 %	106.372 %	106.632 %	109.159 %	100.465 %	103.285 %	
Concentration RSD	0.7 %	4.5 %	0.9 %	4.8 %	6.4 %	7.2 %	1.9 %	2.0 %	0.6 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	105.146 %	102.138 ppb	109.021 ppb	109.813 ppb	109.827 ppb	10,905.360 ppb	107.496 ppb	105.423 ppb	105.010 ppb
Concentration per Run 1	109.031 %	96.178 ppb	102.379 ppb	100.264 ppb	104.360 ppb	9,814.407 ppb	96.199 ppb	95.738 ppb	91.605 ppb
Concentration per Run 2	102.639 %	105.034 ppb	112.987 ppb	114.685 ppb	114.021 ppb	11,410.745 ppb	112.909 ppb	109.944 ppb	113.208 ppb
Concentration per Run 3	103.767 %	105.201 ppb	111.697 ppb	114.491 ppb	111.101 ppb	11,490.927 ppb	113.379 ppb	110.588 ppb	110.219 ppb
Recovery Percentage 1		102.138 %	109.021 %	109.813 %	109.827 %	109.054 %	107.496 %	105.423 %	105.010 %
Concentration RSD	3.2 %	5.1 %	5.3 %	7.5 %	4.5 %	8.7 %	9.1 %	8.0 %	11.1 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	100.786 ppb	94.367 %	101.452 ppb	104.625 ppb	102.270 ppb	105.619 ppb	93.911 %	99.798 ppb	99.370 ppb
Concentration per Run 1	90.863 ppb	100.877 %	93.586 ppb	100.688 ppb	96.674 ppb	94.874 ppb	98.734 %	91.551 ppb	88.315 ppb
Concentration per Run 2	106.736 ppb	89.949 %	106.407 ppb	110.253 ppb	104.877 ppb	109.384 ppb	93.149 %	102.791 ppb	103.937 ppb
Concentration per Run 3	104.759 ppb	92.275 %	104.364 ppb	102.934 ppb	105.260 ppb	112.600 ppb	89.850 %	105.051 ppb	105.857 ppb
Recovery Percentage 1	100.786 %		101.452 %	104.625 %	102.270 %	105.619 %		99.798 %	99.370 %
Concentration RSD	8.6 %	6.1 %	6.8 %	4.8 %	4.7 %	8.9 %	4.8 %	7.2 %	9.7 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	97.691 %	100.327 ppb	108.980 ppb	103.245 ppb	99.930 %	99.659 %	99.104 ppb	97.418 ppb	95.996 ppb
Concentration per Run 1	106.799 %	86.876 ppb	94.813 ppb	94.933 ppb	104.103 %	107.069 %	85.131 ppb	90.383 ppb	86.551 ppb
Concentration per Run 2	94.820 %	102.390 ppb	112.033 ppb	107.345 ppb	98.332 %	97.415 %	102.217 ppb	100.271 ppb	99.850 ppb
Concentration per Run 3	91.453 %	111.716 ppb	120.092 ppb	107.458 ppb	97.356 %	94.494 %	109.964 ppb	101.600 ppb	101.586 ppb
Recovery Percentage 1		100.327 %	108.980 %	103.245 %			99.104 %	97.418 %	95.996 %
Concentration RSD	8.3 %	12.5 %	11.8 %	7.0 %	3.6 %	6.6 %	12.8 %	6.3 %	8.6 %

Category	209Bi (KED AGD)
Concentration average	99.104 %
Concentration per Run 1	104.208 %
Concentration per Run 2	97.255 %
Concentration per Run 3	95.848 %
Recovery Percentage 1	
Concentration RSD	4.5 %

3/8/2018 7:23:45 AM

 Analysis index: 13 Analysis started at: 3/7/2018 8:34:50 AM Rack: 0
 Analysis label: ICB User name: ALPHALAB\metals-instrument Vial: 10

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	88.208 %	94.301 %	0.012 ppb	22.549 ppb	1.031 ppb	0.024 ppb	14.781 ppb	-0.793 ppb	82.719 %
Concentration per Run 1	88.854 %	96.577 %	0.009 ppb	6.430 ppb	2.134 ppb	-0.474 ppb	23.943 ppb	1.836 ppb	83.663 %
Concentration per Run 2	88.163 %	97.470 %	0.015 ppb	23.444 ppb	-0.165 ppb	0.414 ppb	6.120 ppb	-7.462 ppb	83.121 %
Concentration per Run 3	87.608 %	88.858 %	0.012 ppb	37.771 ppb	1.124 ppb	0.132 ppb	14.279 ppb	3.247 ppb	81.374 %
Recovery Percentage 1			2.376 %	22.549 %	1.031 %	0.243 %	14.781 %	-0.793 %	
Concentration RSD	0.7 %	5.0 %	27.4 %	69.6 %	111.8 %	1,867.5 %	60.4 %	733.5 %	1.4 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	93.336 %	-0.128 ppb	-0.012 ppb	-0.040 ppb	0.084 ppb	23.166 ppb	0.013 ppb	0.002 ppb	0.011 ppb
Concentration per Run 1	95.615 %	-0.170 ppb	-0.012 ppb	-0.039 ppb	0.109 ppb	23.130 ppb	0.027 ppb	-0.100 ppb	-0.009 ppb
Concentration per Run 2	95.286 %	0.034 ppb	-0.012 ppb	-0.072 ppb	0.080 ppb	25.526 ppb	0.008 ppb	-0.020 ppb	-0.023 ppb
Concentration per Run 3	89.107 %	-0.248 ppb	-0.012 ppb	-0.009 ppb	0.062 ppb	20.843 ppb	0.003 ppb	0.125 ppb	0.065 ppb
Recovery Percentage 1		-25.620 %	-0.249 %	-4.020 %	8.353 %	46.333 %	2.519 %	0.084 %	1.089 %
Concentration RSD	3.9 %	113.8 %	0.0 %	78.9 %	28.5 %	10.1 %	100.1 %	6,799.9 %	433.8 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	-0.062 ppb	92.514 %	0.098 ppb	0.240 ppb	0.001 ppb	0.540 ppb	93.212 %	0.064 ppb	0.005 ppb
Concentration per Run 1	-0.078 ppb	93.782 %	0.070 ppb	0.232 ppb	0.017 ppb	0.403 ppb	96.171 %	0.060 ppb	0.004 ppb
Concentration per Run 2	-0.081 ppb	94.665 %	0.070 ppb	0.231 ppb	-0.010 ppb	0.555 ppb	93.367 %	0.056 ppb	-0.008 ppb
Concentration per Run 3	-0.027 ppb	89.095 %	0.153 ppb	0.255 ppb	-0.006 ppb	0.663 ppb	90.098 %	0.075 ppb	0.018 ppb
Recovery Percentage 1	-0.619 %	19.546 %	4.791 %	0.117 %	27.016 %		15.990 %	2.333 %	
Concentration RSD	49.0 %	3.2 %	48.8 %	5.7 %	2,470.3 %	24.1 %	3.3 %	15.9 %	271.1 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	94.630 %	6.826 ppb	3.339 ppb	-0.020 ppb	96.706 %	98.080 %	1.548 ppb	0.042 ppb	0.021 ppb
Concentration per Run 1	98.085 %	6.035 ppb	2.953 ppb	-0.042 ppb	98.240 %	101.262 %	1.269 ppb	0.037 ppb	0.014 ppb
Concentration per Run 2	95.005 %	7.591 ppb	3.569 ppb	0.023 ppb	96.964 %	99.048 %	1.745 ppb	0.045 ppb	0.027 ppb
Concentration per Run 3	90.801 %	6.853 ppb	3.494 ppb	-0.042 ppb	94.913 %	93.929 %	1.630 ppb	0.044 ppb	0.023 ppb
Recovery Percentage 1		227.539 %	83.466 %	-4.047 %			77.393 %	8.388 %	4.279 %
Concentration RSD	3.9 %	11.4 %	10.1 %	185.3 %	1.7 %	3.8 %	16.0 %	9.7 %	29.7 %

Category	209Bi (KED AGD)
Concentration average	97.720 %
Concentration per Run 1	99.662 %
Concentration per Run 2	98.026 %
Concentration per Run 3	95.472 %
Recovery Percentage 1	
Concentration RSD	2.2 %

3/8/2018 7:23:45 AM

 Analysis index: 14 Analysis started at: 3/7/2018 8:38:46 AM Rack: 4
 Analysis label: LLICV User name: ALPHALABmetals-instrument Vial: 51

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	90.387 %	96.577 %	0.358 ppb	124.797 ppb	78.470 ppb	12.273 ppb	119.927 ppb	114.281 ppb	85.406 %
Concentration per Run 1	90.246 %	98.299 %	0.354 ppb	74.426 ppb	66.227 ppb	11.141 ppb	90.240 ppb	89.387 ppb	86.383 %
Concentration per Run 2	90.645 %	101.425 %	0.331 ppb	149.702 ppb	82.434 ppb	13.657 ppb	125.636 ppb	127.324 ppb	84.980 %
Concentration per Run 3	90.271 %	90.006 %	0.389 ppb	150.263 ppb	86.749 ppb	12.022 ppb	143.905 ppb	126.131 ppb	84.856 %
Recovery Percentage 1			119.366 %	124.797 %	112.100 %	122.731 %	119.927 %	114.281 %	
Concentration RSD	0.2 %	6.1 %	8.2 %	35.0 %	13.8 %	10.4 %	22.8 %	18.9 %	1.0 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	95.795 %	0.404 ppb	6.361 ppb	0.532 ppb	1.391 ppb	82.150 ppb	0.593 ppb	1.761 ppb	1.113 ppb
Concentration per Run 1	92.513 %	0.380 ppb	5.710 ppb	0.555 ppb	1.462 ppb	68.255 ppb	0.446 ppb	1.512 ppb	0.879 ppb
Concentration per Run 2	100.267 %	0.159 ppb	6.502 ppb	0.542 ppb	1.428 ppb	90.617 ppb	0.607 ppb	1.914 ppb	1.090 ppb
Concentration per Run 3	94.604 %	0.672 ppb	6.872 ppb	0.499 ppb	1.283 ppb	87.578 ppb	0.726 ppb	1.856 ppb	1.369 ppb
Recovery Percentage 1		80.762 %	127.230 %	106.424 %	139.083 %	164.300 %	118.691 %	88.030 %	111.269 %
Concentration RSD	4.2 %	63.8 %	9.3 %	5.5 %	6.9 %	14.8 %	23.7 %	12.4 %	22.1 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	11.685 ppb	93.636 %	0.603 ppb	6.026 ppb	0.501 ppb	2.283 ppb	94.646 %	0.494 ppb	0.254 ppb
Concentration per Run 1	10.490 ppb	90.607 %	0.586 ppb	5.557 ppb	0.409 ppb	1.828 ppb	95.413 %	0.450 ppb	0.224 ppb
Concentration per Run 2	12.338 ppb	97.255 %	0.727 ppb	5.679 ppb	0.622 ppb	2.309 ppb	95.827 %	0.510 ppb	0.241 ppb
Concentration per Run 3	12.226 ppb	93.044 %	0.497 ppb	6.844 ppb	0.473 ppb	2.712 ppb	92.699 %	0.522 ppb	0.297 ppb
Recovery Percentage 1	116.847 %		120.651 %	120.530 %	100.246 %	114.143 %		123.528 %	126.989 %
Concentration RSD	8.9 %	3.6 %	19.2 %	11.8 %	21.8 %	19.4 %	1.8 %	7.8 %	15.0 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	97.461 %	5.447 ppb	6.267 ppb	0.456 ppb	97.728 %	99.363 %	2.513 ppb	0.542 ppb	0.484 ppb
Concentration per Run 1	97.938 %	4.648 ppb	5.451 ppb	0.274 ppb	99.625 %	98.806 %	2.310 ppb	0.499 ppb	0.415 ppb
Concentration per Run 2	101.669 %	5.613 ppb	6.345 ppb	0.561 ppb	98.339 %	104.388 %	2.452 ppb	0.555 ppb	0.514 ppb
Concentration per Run 3	92.775 %	6.079 ppb	7.005 ppb	0.533 ppb	95.222 %	94.894 %	2.778 ppb	0.573 ppb	0.523 ppb
Recovery Percentage 1		181.567 %	156.674 %	91.142 %			125.659 %	108.429 %	96.794 %
Concentration RSD	4.6 %	13.4 %	12.4 %	34.7 %	2.3 %	4.8 %	9.6 %	7.1 %	12.4 %

Category	209Bi (KED AGD)
Concentration average	98.673 %
Concentration per Run 1	98.689 %
Concentration per Run 2	100.809 %
Concentration per Run 3	96.523 %
Recovery Percentage 1	
Concentration RSD	2.2 %

3/8/2018 7:23:45 AM

 Analysis index: 15 Analysis started at: 3/7/2018 8:42:42 AM Rack: 4
 Analysis label: IC5A User name: ALPHALAB\metals-instrument Vial: 53

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	83.745 %	93.727 %	0.011 ppb	54,845.310 ppb	22,267.233 ppb	21,595.789 ppb	21,164.166 ppb	65,971.187 ppb	88.205 %
Concentration per Run 1	84.132 %	94.408 %	0.009 ppb	51,001.452 ppb	20,286.407 ppb	19,081.482 ppb	18,637.114 ppb	55,528.100 ppb	88.371 %
Concentration per Run 2	82.662 %	91.090 %	0.012 ppb	57,112.708 ppb	23,157.477 ppb	22,416.266 ppb	21,953.610 ppb	69,330.519 ppb	87.246 %
Concentration per Run 3	84.440 %	95.683 %	0.011 ppb	56,421.770 ppb	23,357.817 ppb	23,289.617 ppb	22,901.773 ppb	73,054.941 ppb	88.998 %
Recovery Percentage 1				109.691 %	111.336 %	107.979 %	105.821 %	109.952 %	
Concentration RSD	1.1 %	2.5 %	13.6 %	6.1 %	7.7 %	10.3 %	10.6 %	14.0 %	1.0 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	103.564 %	457.200 ppb	0.038 ppb	0.363 ppb	1.124 ppb	53,897.160 ppb	0.269 ppb	-0.117 ppb	0.508 ppb
Concentration per Run 1	96.084 %	389.690 ppb	0.066 ppb	0.308 ppb	0.957 ppb	48,409.781 ppb	0.199 ppb	-0.244 ppb	0.529 ppb
Concentration per Run 2	103.015 %	482.145 ppb	0.025 ppb	0.278 ppb	0.908 ppb	57,121.149 ppb	0.315 ppb	-0.139 ppb	0.510 ppb
Concentration per Run 3	111.592 %	499.764 ppb	0.022 ppb	0.503 ppb	1.508 ppb	56,160.549 ppb	0.293 ppb	0.032 ppb	0.487 ppb
Recovery Percentage 1		114.300 %				107.794 %			
Concentration RSD	7.5 %	12.9 %	64.8 %	33.6 %	29.6 %	8.9 %	23.0 %	119.0 %	4.1 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	3.960 ppb	91.470 %	0.108 ppb	0.225 ppb	2.196 ppb	420.782 ppb	88.519 %	0.228 ppb	0.039 ppb
Concentration per Run 1	3.530 ppb	93.137 %	0.071 ppb	0.177 ppb	1.775 ppb	361.111 ppb	92.057 %	0.213 ppb	0.020 ppb
Concentration per Run 2	4.569 ppb	85.802 %	0.145 ppb	0.208 ppb	2.358 ppb	443.462 ppb	85.427 %	0.226 ppb	0.047 ppb
Concentration per Run 3	3.779 ppb	95.471 %	0.106 ppb	0.291 ppb	2.455 ppb	457.773 ppb	88.074 %	0.246 ppb	0.050 ppb
Recovery Percentage 1						105.195 %			
Concentration RSD	13.7 %	5.5 %	34.6 %	26.1 %	16.8 %	12.4 %	3.8 %	7.4 %	41.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	95.051 %	2.735 ppb	1.378 ppb	1.050 ppb	95.607 %	92.681 %	0.757 ppb	0.081 ppb	0.055 ppb
Concentration per Run 1	96.731 %	2.025 ppb	1.177 ppb	0.895 ppb	98.480 %	93.804 %	0.580 ppb	0.103 ppb	0.043 ppb
Concentration per Run 2	93.005 %	2.928 ppb	1.402 ppb	1.208 ppb	93.122 %	90.749 %	0.815 ppb	0.078 ppb	0.059 ppb
Concentration per Run 3	95.417 %	3.252 ppb	1.556 ppb	1.048 ppb	95.219 %	93.491 %	0.875 ppb	0.063 ppb	0.062 ppb
Recovery Percentage 1									
Concentration RSD	2.0 %	23.2 %	13.8 %	14.9 %	2.8 %	1.8 %	20.6 %	25.0 %	18.2 %

Category	209Bi (KED AGD)
Concentration average	95.561 %
Concentration per Run 1	98.146 %
Concentration per Run 2	95.689 %
Concentration per Run 3	92.847 %
Recovery Percentage 1	
Concentration RSD	2.8 %

3/8/2018 7:23:45 AM

 Analysis index: 16 Analysis started at: 3/7/2018 8:46:38 AM Rack: 4
 Analysis label: ICSAB User name: ALPHALAB\metals-instrument Vial: 55

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	81.297 %	91.792 %	0.013 ppb	56,430.848 ppb	22,755.533 ppb	22,317.918 ppb	21,270.301 ppb	66,161.747 ppb	81.165 %
Concentration per Run 1	81.512 %	93.770 %	0.013 ppb	51,657.995 ppb	20,541.591 ppb	19,911.052 ppb	18,284.360 ppb	55,603.382 ppb	80.984 %
Concentration per Run 2	81.521 %	88.730 %	0.012 ppb	58,687.285 ppb	23,496.240 ppb	22,664.251 ppb	21,502.405 ppb	68,523.735 ppb	81.146 %
Concentration per Run 3	80.858 %	92.877 %	0.014 ppb	58,947.266 ppb	24,228.770 ppb	24,378.451 ppb	24,024.140 ppb	74,358.125 ppb	81.365 %
Recovery Percentage 1				112.862 %	113.778 %	111.590 %	106.352 %	110.270 %	
Concentration RSD	0.5 %	2.9 %	8.6 %	7.3 %	8.6 %	10.1 %	13.5 %	14.5 %	0.2 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	95.082 %	461.520 ppb	46.854 ppb	47.107 ppb	43.397 ppb	57,618.772 ppb	44.049 ppb	43.144 ppb	42.858 ppb
Concentration per Run 1	88.919 %	392.406 ppb	43.743 ppb	44.345 ppb	36.698 ppb	53,215.795 ppb	41.298 ppb	42.676 ppb	40.889 ppb
Concentration per Run 2	93.007 %	475.534 ppb	46.910 ppb	49.463 ppb	46.985 ppb	61,112.930 ppb	46.057 ppb	44.307 ppb	44.578 ppb
Concentration per Run 3	103.322 %	516.621 ppb	49.910 ppb	47.514 ppb	46.507 ppb	58,527.593 ppb	44.793 ppb	42.447 ppb	43.107 ppb
Recovery Percentage 1		115.380 %	117.136 %	117.768 %	108.492 %	115.238 %	110.123 %	107.859 %	107.144 %
Concentration RSD	7.8 %	13.7 %	6.6 %	5.5 %	13.4 %	7.0 %	5.6 %	2.4 %	4.3 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	23.281 ppb	88.185 %	21.708 ppb	21.348 ppb	46.602 ppb	427.648 ppb	87.232 %	10.533 ppb	20.243 ppb
Concentration per Run 1	21.812 ppb	83.752 %	20.027 ppb	17.593 ppb	40.893 ppb	378.286 ppb	87.929 %	9.510 ppb	18.000 ppb
Concentration per Run 2	24.204 ppb	84.882 %	21.408 ppb	23.760 ppb	47.682 ppb	448.375 ppb	85.531 %	10.868 ppb	20.741 ppb
Concentration per Run 3	23.828 ppb	95.921 %	23.689 ppb	22.690 ppb	51.230 ppb	456.284 ppb	88.237 %	11.222 ppb	21.988 ppb
Recovery Percentage 1	116.405 %		108.539 %	106.739 %	116.504 %	106.912 %		105.330 %	101.215 %
Concentration RSD	5.5 %	7.6 %	8.5 %	15.4 %	11.3 %	10.0 %	1.7 %	8.6 %	10.1 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	93.215 %	1.699 ppb	1.112 ppb	0.692 ppb	93.709 %	89.948 %	0.512 ppb	0.030 ppb	0.050 ppb
Concentration per Run 1	93.141 %	1.362 ppb	0.963 ppb	0.641 ppb	95.491 %	90.940 %	0.364 ppb	0.025 ppb	0.047 ppb
Concentration per Run 2	90.386 %	1.697 ppb	1.196 ppb	0.735 ppb	91.511 %	86.430 %	0.559 ppb	0.035 ppb	0.052 ppb
Concentration per Run 3	96.118 %	2.039 ppb	1.176 ppb	0.701 ppb	94.125 %	92.474 %	0.613 ppb	0.030 ppb	0.051 ppb
Recovery Percentage 1									
Concentration RSD	3.1 %	19.9 %	11.6 %	6.9 %	2.2 %	3.5 %	25.6 %	17.6 %	5.9 %

Category	209Bi (KED AGD)
Concentration average	93.118 %
Concentration per Run 1	93.924 %
Concentration per Run 2	91.419 %
Concentration per Run 3	94.011 %
Recovery Percentage 1	
Concentration RSD	1.6 %

Alpha ICPMSQ2 Ful

3/8/2018 7:23:45 AM



Analysis index:	17	Analysis started at:	3/7/2018 8:50:33 AM	Rack:	0
Analysis label:	Rinse	User name:	ALPHALAB\metals-instrument	Vial:	1

3/8/2018 7:23:45 AM

 Analysis index: 18 Analysis started at: 3/7/2018 8:54:25 AM Rack: 0
 Analysis label: CCV User name: ALPHALAB\metals-instrument Vial: 9

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	86.232 %	94.897 %	105.552 ppb	10,585.830 ppb	10,652.280 ppb	105.927 ppb	10,091.795 ppb	10,439.643 ppb	89.047 %
Concentration per Run 1	85.750 %	96.640 %	105.888 ppb	9,758.155 ppb	9,691.380 ppb	89.540 ppb	9,101.802 ppb	9,366.552 ppb	88.084 %
Concentration per Run 2	87.365 %	89.368 %	106.109 ppb	11,148.255 ppb	11,150.182 ppb	115.698 ppb	11,085.004 ppb	11,538.866 ppb	90.581 %
Concentration per Run 3	85.580 %	98.682 %	104.660 ppb	10,851.080 ppb	11,115.277 ppb	112.543 ppb	10,088.580 ppb	10,413.511 ppb	88.476 %
Recovery Percentage 1			105.552 %	105.858 %	106.523 %	105.927 %	100.918 %	104.396 %	
Concentration RSD	1.1 %	5.2 %	0.7 %	6.9 %	7.8 %	13.5 %	9.8 %	10.4 %	1.5 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	102.310 %	104.362 ppb	109.103 ppb	101.099 ppb	108.032 ppb	10,801.256 ppb	106.911 ppb	105.960 ppb	103.307 ppb
Concentration per Run 1	101.230 %	92.985 ppb	101.177 ppb	89.454 ppb	98.639 ppb	9,964.838 ppb	99.164 ppb	94.440 ppb	95.692 ppb
Concentration per Run 2	104.260 %	114.499 ppb	111.011 ppb	111.906 ppb	110.245 ppb	10,972.292 ppb	108.969 ppb	112.447 ppb	105.443 ppb
Concentration per Run 3	101.441 %	105.602 ppb	115.120 ppb	101.935 ppb	115.211 ppb	11,466.639 ppb	112.600 ppb	110.993 ppb	108.786 ppb
Recovery Percentage 1		104.362 %	109.103 %	101.099 %	108.032 %	108.013 %	106.911 %	105.960 %	103.307 %
Concentration RSD	1.7 %	10.4 %	6.6 %	11.1 %	7.9 %	7.1 %	6.5 %	9.4 %	6.6 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	100.450 ppb	92.360 %	99.605 ppb	98.634 ppb	100.036 ppb	103.301 ppb	93.959 %	100.057 ppb	99.221 ppb
Concentration per Run 1	92.157 ppb	89.941 %	92.089 ppb	88.633 ppb	89.538 ppb	92.863 ppb	95.821 %	89.659 ppb	87.596 ppb
Concentration per Run 2	103.286 ppb	93.649 %	104.660 ppb	101.664 ppb	103.990 ppb	107.919 ppb	93.184 %	104.689 ppb	105.147 ppb
Concentration per Run 3	105.906 ppb	93.488 %	102.066 ppb	105.604 ppb	106.579 ppb	109.119 ppb	92.870 %	105.825 ppb	104.919 ppb
Recovery Percentage 1	100.450 %		99.605 %	98.634 %	100.036 %	103.301 %		100.057 %	99.221 %
Concentration RSD	7.3 %	2.3 %	6.7 %	9.0 %	9.2 %	8.8 %	1.7 %	9.0 %	10.1 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	95.292 %	99.247 ppb	106.398 ppb	101.541 ppb	97.343 %	96.843 %	97.396 ppb	97.687 ppb	95.484 ppb
Concentration per Run 1	97.460 %	86.673 ppb	92.442 ppb	91.093 ppb	97.812 %	97.860 %	87.773 ppb	89.561 ppb	86.110 ppb
Concentration per Run 2	94.699 %	102.084 ppb	110.611 ppb	104.706 ppb	96.604 %	96.163 %	100.018 ppb	101.652 ppb	98.887 ppb
Concentration per Run 3	93.718 %	108.985 ppb	116.140 ppb	108.824 ppb	97.613 %	96.506 %	104.396 ppb	101.848 ppb	101.456 ppb
Recovery Percentage 1		99.247 %	106.398 %	101.541 %			97.396 %	97.687 %	95.484 %
Concentration RSD	2.0 %	11.5 %	11.7 %	9.1 %	0.7 %	0.9 %	8.8 %	7.2 %	8.6 %

Category	209Bi (KED AGD)
Concentration average	97.584 %
Concentration per Run 1	98.626 %
Concentration per Run 2	97.264 %
Concentration per Run 3	96.861 %
Recovery Percentage 1	
Concentration RSD	0.9 %

3/8/2018 7:23:45 AM

 Analysis index: 19 Analysis started at: 3/7/2018 8:58:20 AM Rack: 0
 Analysis label: CCB User name: ALPHALAB\metals-instrument Vial: 10

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	84.819 %	94.237 %	0.011 ppb	17.981 ppb	0.656 ppb	0.393 ppb	20.424 ppb	1.458 ppb	80.269 %
Concentration per Run 1	84.385 %	100.914 %	0.014 ppb	-8.870 ppb	0.407 ppb	0.823 ppb	11.188 ppb	3.423 ppb	80.487 %
Concentration per Run 2	85.313 %	87.837 %	0.013 ppb	43.818 ppb	1.711 ppb	-0.104 ppb	26.135 ppb	8.444 ppb	79.923 %
Concentration per Run 3	84.760 %	93.961 %	0.007 ppb	18.994 ppb	-0.149 ppb	0.461 ppb	23.950 ppb	-7.494 ppb	80.396 %
Recovery Percentage 1			2.249 %	17.981 %	0.656 %	3.934 %	20.424 %	1.458 %	
Concentration RSD	0.6 %	6.9 %	34.6 %	146.6 %	145.5 %	118.8 %	39.5 %	559.0 %	0.4 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	92.623 %	0.163 ppb	0.008 ppb	0.071 ppb	0.075 ppb	26.606 ppb	0.023 ppb	-0.162 ppb	0.053 ppb
Concentration per Run 1	91.268 %	-0.008 ppb	0.008 ppb	0.162 ppb	0.116 ppb	30.865 ppb	0.021 ppb	-0.130 ppb	0.045 ppb
Concentration per Run 2	92.913 %	0.144 ppb	0.028 ppb	0.018 ppb	0.085 ppb	21.258 ppb	0.034 ppb	-0.279 ppb	0.045 ppb
Concentration per Run 3	93.688 %	0.354 ppb	-0.012 ppb	0.034 ppb	0.025 ppb	27.696 ppb	0.015 ppb	-0.076 ppb	0.068 ppb
Recovery Percentage 1		32.648 %	0.157 %	7.121 %	7.521 %	53.212 %	4.658 %	-8.086 %	5.270 %
Concentration RSD	1.3 %	111.5 %	257.9 %	110.7 %	61.1 %	18.4 %	41.8 %	64.9 %	24.5 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	-0.069 ppb	93.048 %	0.071 ppb	0.075 ppb	0.019 ppb	0.587 ppb	94.090 %	0.055 ppb	0.010 ppb
Concentration per Run 1	-0.109 ppb	92.898 %	0.096 ppb	0.356 ppb	0.031 ppb	0.451 ppb	97.554 %	0.058 ppb	0.020 ppb
Concentration per Run 2	-0.076 ppb	91.940 %	0.097 ppb	-0.064 ppb	0.014 ppb	0.718 ppb	91.169 %	0.049 ppb	-0.004 ppb
Concentration per Run 3	-0.022 ppb	94.305 %	0.021 ppb	-0.067 ppb	0.011 ppb	0.594 ppb	93.547 %	0.057 ppb	0.013 ppb
Recovery Percentage 1	-0.692 %		14.287 %	1.496 %	3.739 %	29.375 %		13.644 %	4.837 %
Concentration RSD	63.7 %	1.3 %	61.5 %	325.1 %	56.2 %	22.7 %	3.4 %	9.5 %	124.5 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	94.579 %	4.348 ppb	2.457 ppb	-0.013 ppb	96.026 %	97.237 %	1.000 ppb	0.030 ppb	0.023 ppb
Concentration per Run 1	95.822 %	4.091 ppb	2.353 ppb	-0.020 ppb	98.099 %	98.154 %	0.859 ppb	0.036 ppb	0.029 ppb
Concentration per Run 2	93.139 %	4.320 ppb	2.470 ppb	-0.020 ppb	94.451 %	96.510 %	1.064 ppb	0.031 ppb	0.021 ppb
Concentration per Run 3	94.778 %	4.633 ppb	2.548 ppb	0.002 ppb	95.526 %	97.046 %	1.077 ppb	0.023 ppb	0.020 ppb
Recovery Percentage 1		144.938 %	61.428 %	-2.559 %			50.002 %	6.015 %	4.656 %
Concentration RSD	1.4 %	6.3 %	4.0 %	98.8 %	2.0 %	0.9 %	12.3 %	21.9 %	20.6 %

Category	209Bi (KED AGD)
Concentration average	98.470 %
Concentration per Run 1	101.006 %
Concentration per Run 2	96.656 %
Concentration per Run 3	97.749 %
Recovery Percentage 1	
Concentration RSD	2.3 %

3/8/2018 7:23:45 AM

 Analysis index: 20
 Analysis label: WG1094621-1D10 CT-6020TS

 Analysis started at: 3/7/2018 9:02:16 AM
 User name: ALPHALAB\metals-instrument

 Rack: 1
 Vial: 1

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	85.717 %	91.133 %	0.009 ppb	33.603 ppb	0.260 ppb	0.500 ppb	24.085 ppb	-0.781 ppb	82.623 %
Concentration per Run 1	85.639 %	92.558 %	0.011 ppb	22.935 ppb	1.054 ppb	0.489 ppb	16.877 ppb	2.291 ppb	82.638 %
Concentration per Run 2	85.607 %	87.008 %	0.009 ppb	68.978 ppb	-0.120 ppb	1.074 ppb	28.248 ppb	0.533 ppb	82.886 %
Concentration per Run 3	85.904 %	93.833 %	0.008 ppb	8.896 ppb	-0.155 ppb	-0.063 ppb	27.129 ppb	-5.166 ppb	82.346 %
Concentration RSD	0.2 %	4.0 %	18.8 %	93.5 %	265.1 %	113.6 %	26.0 %	499.3 %	0.3 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	93.461 %	-0.104 ppb	0.008 ppb	0.028 ppb	0.018 ppb	16.981 ppb	0.005 ppb	-0.305 ppb	-0.023 ppb
Concentration per Run 1	92.255 %	-0.161 ppb	0.049 ppb	0.064 ppb	0.087 ppb	15.818 ppb	0.002 ppb	-0.403 ppb	-0.045 ppb
Concentration per Run 2	92.137 %	-0.048 ppb	-0.012 ppb	0.028 ppb	-0.031 ppb	16.363 ppb	0.015 ppb	-0.235 ppb	0.007 ppb
Concentration per Run 3	95.990 %	-0.103 ppb	-0.012 ppb	-0.007 ppb	-0.003 ppb	18.763 ppb	-0.004 ppb	-0.276 ppb	-0.031 ppb
Concentration RSD	2.3 %	54.2 %	444.7 %	126.6 %	346.3 %	9.2 %	211.2 %	28.8 %	117.0 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.389 ppb	89.764 %	0.022 ppb	0.063 ppb	0.034 ppb	0.297 ppb	92.709 %	0.056 ppb	-0.006 ppb
Concentration per Run 1	0.201 ppb	90.308 %	0.022 ppb	0.123 ppb	0.034 ppb	0.189 ppb	95.178 %	0.048 ppb	-0.004 ppb
Concentration per Run 2	0.502 ppb	91.551 %	0.009 ppb	0.060 ppb	0.036 ppb	0.302 ppb	91.384 %	0.058 ppb	-0.008 ppb
Concentration per Run 3	0.466 ppb	87.433 %	0.036 ppb	0.005 ppb	0.031 ppb	0.401 ppb	91.564 %	0.061 ppb	-0.008 ppb
Concentration RSD	42.2 %	2.4 %	61.3 %	94.0 %	6.6 %	35.6 %	2.3 %	12.0 %	37.4 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	91.627 %	2.674 ppb	1.065 ppb	0.010 ppb	94.831 %	96.121 %	0.489 ppb	0.015 ppb	-0.008 ppb
Concentration per Run 1	92.224 %	2.223 ppb	0.858 ppb	0.025 ppb	94.474 %	95.600 %	0.348 ppb	0.015 ppb	-0.009 ppb
Concentration per Run 2	90.799 %	2.639 ppb	1.243 ppb	0.026 ppb	93.189 %	95.373 %	0.496 ppb	0.016 ppb	-0.006 ppb
Concentration per Run 3	91.858 %	3.160 ppb	1.095 ppb	-0.020 ppb	96.830 %	97.390 %	0.622 ppb	0.016 ppb	-0.010 ppb
Concentration RSD	0.8 %	17.6 %	18.3 %	253.5 %	1.9 %	1.1 %	28.1 %	3.5 %	27.0 %

Category	209Bi (KED AGD)
Concentration average	96.573 %
Concentration per Run 1	96.644 %
Concentration per Run 2	94.968 %
Concentration per Run 3	98.108 %
Concentration RSD	1.6 %

3/8/2018 7:23:45 AM

 Analysis index: 21
 Analysis label: WG1094621-2D10 CT-6020TS

 Analysis started at: 3/7/2018 9:06:07 AM
 User name: ALPHALAB\metals-instrument

 Rack: 1
 Vial: 2

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	84.291 %	94.705 %	48.990 ppb	511.730 ppb	1,925.997 ppb	5,735.313 ppb	1,447.857 ppb	3,662.198 ppb	87.801 %
Concentration per Run 1	85.075 %	95.492 %	49.043 ppb	449.201 ppb	1,802.922 ppb	5,193.283 ppb	1,353.447 ppb	3,143.605 ppb	88.384 %
Concentration per Run 2	83.738 %	92.111 %	48.646 ppb	525.532 ppb	1,902.228 ppb	5,995.990 ppb	1,566.856 ppb	4,099.392 ppb	87.807 %
Concentration per Run 3	84.060 %	96.513 %	49.281 ppb	560.456 ppb	2,072.840 ppb	6,016.667 ppb	1,423.267 ppb	3,743.598 ppb	87.212 %
Concentration RSD	0.8 %	2.4 %	0.7 %	11.1 %	7.1 %	8.2 %	7.5 %	13.2 %	0.7 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	99.428 %	254.348 ppb	83.945 ppb	90.389 ppb	316.523 ppb	13,522.202 ppb	59.281 ppb	73.109 ppb	92.651 ppb
Concentration per Run 1	98.387 %	228.323 ppb	79.011 ppb	81.606 ppb	284.344 ppb	12,075.386 ppb	56.372 ppb	66.701 ppb	85.243 ppb
Concentration per Run 2	102.968 %	275.874 ppb	83.380 ppb	91.698 ppb	320.358 ppb	13,776.130 ppb	59.171 ppb	74.248 ppb	93.264 ppb
Concentration per Run 3	96.930 %	258.845 ppb	89.445 ppb	97.865 ppb	344.866 ppb	14,715.090 ppb	62.302 ppb	78.378 ppb	99.444 ppb
Concentration RSD	3.2 %	9.5 %	6.2 %	9.1 %	9.6 %	9.9 %	5.0 %	8.1 %	7.7 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	195.472 ppb	90.568 %	134.901 ppb	95.636 ppb	46.607 ppb	26.742 ppb	91.245 %	72.211 ppb	105.445 ppb
Concentration per Run 1	177.665 ppb	89.985 %	124.519 ppb	86.351 ppb	42.795 ppb	24.213 ppb	93.531 %	67.495 ppb	95.507 ppb
Concentration per Run 2	198.357 ppb	92.079 %	138.329 ppb	97.513 ppb	47.529 ppb	27.357 ppb	90.416 %	74.026 ppb	109.829 ppb
Concentration per Run 3	210.393 ppb	89.639 %	141.855 ppb	103.043 ppb	49.498 ppb	28.658 ppb	89.787 %	75.111 ppb	111.000 ppb
Concentration RSD	8.5 %	1.5 %	6.8 %	8.9 %	7.4 %	8.5 %	2.2 %	5.7 %	8.2 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	91.770 %	120.972 ppb	144.099 ppb	175.089 ppb	95.907 %	97.076 %	0.456 ppb	113.619 ppb	157.249 ppb
Concentration per Run 1	92.625 %	105.839 ppb	130.571 ppb	160.482 ppb	97.138 %	99.325 %	0.352 ppb	104.733 ppb	142.993 ppb
Concentration per Run 2	91.381 %	125.423 ppb	149.025 ppb	181.977 ppb	94.845 %	95.387 %	0.483 ppb	116.654 ppb	162.354 ppb
Concentration per Run 3	91.305 %	131.654 ppb	152.699 ppb	182.809 ppb	95.737 %	96.517 %	0.533 ppb	119.469 ppb	166.399 ppb
Concentration RSD	0.8 %	11.1 %	8.2 %	7.2 %	1.2 %	2.1 %	20.5 %	6.9 %	8.0 %

Category	209Bi (KED AGD)
Concentration average	94.931 %
Concentration per Run 1	95.673 %
Concentration per Run 2	94.586 %
Concentration per Run 3	94.534 %
Concentration RSD	0.7 %

3/8/2018 7:23:45 AM

 Analysis index: 22 Analysis started at: 3/7/2018 9:09:59 AM Rack: 1
 Analysis label: L1806577-07D10 A2-6020T User name: ALPHALAB\metals-instrument Vial: 8

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	82.457 %	97.937 %	1.187 ppb	72,406.299 ppb	21,587.786 ppb	26,761.135 ppb	9,769.529 ppb	8,084.271 ppb	88.589 %
Concentration per Run 1	83.227 %	99.256 %	1.196 ppb	71,212.911 ppb	21,140.292 ppb	26,177.974 ppb	8,868.358 ppb	7,180.676 ppb	89.471 %
Concentration per Run 2	81.642 %	97.470 %	1.195 ppb	70,290.550 ppb	20,625.223 ppb	25,171.966 ppb	9,364.805 ppb	8,038.535 ppb	87.812 %
Concentration per Run 3	82.502 %	97.087 %	1.171 ppb	75,715.435 ppb	22,997.841 ppb	28,933.464 ppb	11,075.425 ppb	9,033.601 ppb	88.482 %
Concentration RSD	1.0 %	1.2 %	1.2 %	4.0 %	5.8 %	7.3 %	11.9 %	11.5 %	0.9 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	105.530 %	1,071.418 ppb	141.252 ppb	116.884 ppb	310.057 ppb	46,595.496 ppb	14.358 ppb	48.345 ppb	78.683 ppb
Concentration per Run 1	95.004 %	983.387 ppb	144.456 ppb	117.749 ppb	307.394 ppb	46,852.082 ppb	14.975 ppb	49.353 ppb	78.800 ppb
Concentration per Run 2	104.002 %	1,011.986 ppb	135.735 ppb	115.398 ppb	297.171 ppb	45,207.887 ppb	13.907 ppb	45.670 ppb	75.926 ppb
Concentration per Run 3	117.585 %	1,218.880 ppb	143.566 ppb	117.506 ppb	325.607 ppb	47,726.518 ppb	14.191 ppb	50.012 ppb	81.323 ppb
Concentration RSD	10.8 %	12.0 %	3.4 %	1.1 %	4.6 %	2.7 %	3.9 %	4.8 %	3.4 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	275.783 ppb	88.328 %	19.322 ppb	5.771 ppb	126.021 ppb	33.126 ppb	87.540 %	2.101 ppb	1.081 ppb
Concentration per Run 1	277.438 ppb	83.715 %	18.304 ppb	5.536 ppb	118.940 ppb	31.956 ppb	83.710 %	2.070 ppb	1.043 ppb
Concentration per Run 2	262.755 ppb	89.784 %	18.299 ppb	5.905 ppb	119.136 ppb	32.709 ppb	89.597 %	2.032 ppb	1.013 ppb
Concentration per Run 3	287.157 ppb	91.483 %	21.362 ppb	5.871 ppb	139.985 ppb	34.713 ppb	89.313 %	2.201 ppb	1.186 ppb
Concentration RSD	4.5 %	4.6 %	9.1 %	3.5 %	9.6 %	4.3 %	3.8 %	4.2 %	8.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	88.946 %	30.755 ppb	3.318 ppb	89.267 ppb	91.126 %	95.389 %	1.124 ppb	0.647 ppb	193.654 ppb
Concentration per Run 1	83.954 %	30.107 ppb	3.313 ppb	86.068 ppb	87.013 %	91.387 %	1.175 ppb	0.605 ppb	189.018 ppb
Concentration per Run 2	90.391 %	29.729 ppb	3.027 ppb	86.170 ppb	92.194 %	95.699 %	1.068 ppb	0.631 ppb	186.040 ppb
Concentration per Run 3	92.491 %	32.429 ppb	3.615 ppb	95.564 ppb	94.171 %	99.082 %	1.130 ppb	0.704 ppb	205.905 ppb
Concentration RSD	5.0 %	4.8 %	8.9 %	6.1 %	4.1 %	4.0 %	4.7 %	7.9 %	5.5 %

Category	209Bi (KED AGD)
Concentration average	93.350 %
Concentration per Run 1	90.571 %
Concentration per Run 2	94.130 %
Concentration per Run 3	95.349 %
Concentration RSD	2.7 %

3/8/2018 7:23:45 AM

 Analysis index: 23 Analysis started at: 3/7/2018 9:13:52 AM Rack: 1
 Analysis label: L1806577-08D10 A2-6020T User name: ALPHALAB\metals-instrument Vial: 9

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	83.242 %	95.173 %	1.334 ppb	62,615.321 ppb	18,375.481 ppb	27,651.870 ppb	7,575.672 ppb	6,940.184 ppb	85.225 %
Concentration per Run 1	83.156 %	98.809 %	1.298 ppb	58,009.344 ppb	16,653.576 ppb	25,023.783 ppb	6,661.930 ppb	6,059.223 ppb	86.365 %
Concentration per Run 2	83.724 %	93.642 %	1.371 ppb	64,072.777 ppb	18,824.891 ppb	28,383.429 ppb	7,938.944 ppb	7,405.092 ppb	84.661 %
Concentration per Run 3	82.845 %	93.068 %	1.332 ppb	65,763.842 ppb	19,647.975 ppb	29,548.398 ppb	8,126.142 ppb	7,356.237 ppb	84.650 %
Concentration RSD	0.5 %	3.3 %	2.7 %	6.5 %	8.4 %	8.5 %	10.5 %	11.0 %	1.2 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	95.497 %	892.788 ppb	133.143 ppb	110.688 ppb	311.045 ppb	48,637.105 ppb	13.545 ppb	45.286 ppb	198.610 ppb
Concentration per Run 1	94.299 %	784.845 ppb	123.737 ppb	103.219 ppb	291.464 ppb	45,749.226 ppb	12.601 ppb	41.031 ppb	189.599 ppb
Concentration per Run 2	96.813 %	947.436 ppb	138.988 ppb	114.540 ppb	323.219 ppb	50,388.521 ppb	14.092 ppb	48.162 ppb	203.339 ppb
Concentration per Run 3	95.379 %	946.084 ppb	136.702 ppb	114.304 ppb	318.452 ppb	49,773.568 ppb	13.941 ppb	46.664 ppb	202.891 ppb
Concentration RSD	1.3 %	10.5 %	6.2 %	5.8 %	5.5 %	5.2 %	6.1 %	8.3 %	3.9 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	322.162 ppb	87.297 %	16.824 ppb	5.843 ppb	117.482 ppb	17.320 ppb	86.782 %	2.347 ppb	1.103 ppb
Concentration per Run 1	299.920 ppb	85.960 %	15.830 ppb	5.493 ppb	104.682 ppb	15.258 ppb	88.696 %	2.183 ppb	0.985 ppb
Concentration per Run 2	332.487 ppb	88.101 %	17.413 ppb	5.857 ppb	121.850 ppb	17.713 ppb	84.991 %	2.420 ppb	1.115 ppb
Concentration per Run 3	334.078 ppb	87.831 %	17.228 ppb	6.178 ppb	125.914 ppb	18.989 ppb	86.658 %	2.438 ppb	1.208 ppb
Concentration RSD	6.0 %	1.3 %	5.1 %	5.9 %	9.6 %	11.0 %	2.1 %	6.1 %	10.1 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	86.936 %	27.776 ppb	2.856 ppb	141.319 ppb	89.275 %	91.629 %	0.526 ppb	0.392 ppb	344.127 ppb
Concentration per Run 1	88.791 %	23.823 ppb	2.403 ppb	126.651 ppb	91.022 %	94.180 %	0.407 ppb	0.322 ppb	309.446 ppb
Concentration per Run 2	85.418 %	29.154 ppb	3.037 ppb	148.724 ppb	87.832 %	90.440 %	0.534 ppb	0.405 ppb	345.667 ppb
Concentration per Run 3	86.599 %	30.351 ppb	3.128 ppb	148.582 ppb	88.972 %	90.266 %	0.635 ppb	0.449 ppb	377.267 ppb
Concentration RSD	2.0 %	12.5 %	13.8 %	9.0 %	1.8 %	2.4 %	21.7 %	16.5 %	9.9 %

Category	209Bi (KED AGD)
Concentration average	91.283 %
Concentration per Run 1	91.856 %
Concentration per Run 2	91.575 %
Concentration per Run 3	90.419 %
Concentration RSD	0.8 %

3/8/2018 7:23:45 AM

Analysis index: 24 Analysis started at: 3/7/2018 9:17:45 AM Rack: 1
 Analysis label: L1806577-09D10 A2-6020T User name: ALPHALAB\metals-instrument Vial: 10

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	82.306 %	95.301 %	1.752 ppb	75,543.714 ppb	22,227.093 ppb	29,534.580 ppb	8,889.834 ppb	8,156.310 ppb	86.703 %
Concentration per Run 1	82.301 %	102.956 %	1.750 ppb	65,327.883 ppb	18,974.175 ppb	25,336.056 ppb	7,616.077 ppb	6,703.429 ppb	86.589 %
Concentration per Run 2	82.429 %	92.111 %	1.723 ppb	79,467.906 ppb	23,382.802 ppb	31,152.059 ppb	9,355.907 ppb	9,006.262 ppb	86.701 %
Concentration per Run 3	82.188 %	90.835 %	1.784 ppb	81,835.354 ppb	24,324.301 ppb	32,115.626 ppb	9,697.520 ppb	8,759.239 ppb	86.819 %
Concentration RSD	0.1 %	7.0 %	1.7 %	11.8 %	12.8 %	12.4 %	12.6 %	15.5 %	0.1 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	101.324 %	1,004.659 ppb	135.062 ppb	149.899 ppb	486.197 ppb	62,366.113 ppb	17.084 ppb	56.867 ppb	473.224 ppb
Concentration per Run 1	102.992 %	825.880 ppb	117.168 ppb	133.048 ppb	425.551 ppb	54,610.392 ppb	14.738 ppb	49.564 ppb	414.879 ppb
Concentration per Run 2	101.817 %	1,067.035 ppb	142.072 ppb	155.595 ppb	509.880 ppb	65,768.723 ppb	18.048 ppb	61.117 ppb	504.230 ppb
Concentration per Run 3	99.162 %	1,121.063 ppb	145.948 ppb	161.053 ppb	523.161 ppb	66,719.224 ppb	18.466 ppb	59.919 ppb	500.564 ppb
Concentration RSD	1.9 %	15.6 %	11.6 %	9.9 %	10.9 %	10.8 %	12.0 %	11.2 %	10.7 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	802.366 ppb	87.350 %	31.761 ppb	6.964 ppb	150.708 ppb	19.591 ppb	87.028 %	8.094 ppb	3.041 ppb
Concentration per Run 1	702.098 ppb	89.905 %	27.679 ppb	6.346 ppb	131.532 ppb	17.684 ppb	88.611 %	7.234 ppb	2.530 ppb
Concentration per Run 2	848.858 ppb	84.953 %	33.300 ppb	6.971 ppb	162.188 ppb	19.955 ppb	85.677 %	8.511 ppb	3.371 ppb
Concentration per Run 3	856.140 ppb	87.192 %	34.303 ppb	7.576 ppb	158.405 ppb	21.135 ppb	86.796 %	8.537 ppb	3.223 ppb
Concentration RSD	10.8 %	2.8 %	11.2 %	8.8 %	11.1 %	9.0 %	1.7 %	9.2 %	14.8 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	87.789 %	88.329 ppb	7.829 ppb	185.427 ppb	89.145 %	91.717 %	0.711 ppb	0.407 ppb	1,167.879 ppb
Concentration per Run 1	91.033 %	76.379 ppb	6.614 ppb	163.510 ppb	90.988 %	94.696 %	0.582 ppb	0.350 ppb	1,054.071 ppb
Concentration per Run 2	86.404 %	90.711 ppb	8.324 ppb	194.159 ppb	88.140 %	90.830 %	0.754 ppb	0.421 ppb	1,211.483 ppb
Concentration per Run 3	85.931 %	97.897 ppb	8.548 ppb	198.612 ppb	88.308 %	89.624 %	0.797 ppb	0.451 ppb	1,238.084 ppb
Concentration RSD	3.2 %	12.4 %	13.5 %	10.3 %	1.8 %	2.9 %	16.0 %	12.8 %	8.5 %

Category	209Bi (KED AGD)
Concentration average	95.629 %
Concentration per Run 1	96.570 %
Concentration per Run 2	95.819 %
Concentration per Run 3	94.497 %
Concentration RSD	1.1 %

3/8/2018 7:23:45 AM

 Analysis index: 25 Analysis started at: 3/7/2018 9:21:39 AM Rack: 1
 Analysis label: L1806577-10D10 A2-6020T User name: ALPHALAB\metals-instrument Vial: 11

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	75.612 %	90.835 %	0.846 ppb	50,083.555 ppb	14,149.136 ppb	11,584.534 ppb	4,877.928 ppb	15,521.928 ppb	83.174 %
Concentration per Run 1	75.590 %	93.132 %	0.860 ppb	46,454.308 ppb	12,893.653 ppb	10,550.387 ppb	4,498.571 ppb	14,109.920 ppb	82.722 %
Concentration per Run 2	74.413 %	89.751 %	0.816 ppb	51,457.995 ppb	14,617.927 ppb	11,958.848 ppb	5,117.008 ppb	16,113.243 ppb	81.780 %
Concentration per Run 3	76.833 %	89.623 %	0.863 ppb	52,338.362 ppb	14,935.830 ppb	12,244.366 ppb	5,018.205 ppb	16,342.620 ppb	85.019 %
Concentration RSD	1.6 %	2.2 %	3.1 %	6.3 %	7.8 %	7.8 %	6.8 %	7.9 %	2.0 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	99.154 %	549.282 ppb	76.730 ppb	128.703 ppb	1,944.684 ppb	284,512.550 ppb	26.981 ppb	161.391 ppb	730.825 ppb
Concentration per Run 1	98.669 %	492.003 ppb	70.593 ppb	116.407 ppb	1,785.839 ppb	256,433.905 ppb	25.039 ppb	145.907 ppb	668.807 ppb
Concentration per Run 2	101.981 %	572.970 ppb	77.854 ppb	132.472 ppb	1,962.522 ppb	294,250.545 ppb	27.073 ppb	166.304 ppb	753.092 ppb
Concentration per Run 3	96.813 %	582.872 ppb	81.744 ppb	137.231 ppb	2,085.691 ppb	302,853.200 ppb	28.830 ppb	171.963 ppb	770.576 ppb
Concentration RSD	2.6 %	9.1 %	7.4 %	8.5 %	7.8 %	8.7 %	7.0 %	8.5 %	7.4 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	2,859.013 ppb	83.538 %	71.786 ppb	4.888 ppb	223.048 ppb	41.783 ppb	84.609 %	8.186 ppb	10.477 ppb
Concentration per Run 1	2,584.606 ppb	84.500 %	66.452 ppb	4.801 ppb	201.787 ppb	37.193 ppb	86.382 %	7.530 ppb	9.345 ppb
Concentration per Run 2	2,970.181 ppb	83.722 %	72.560 ppb	4.866 ppb	234.799 ppb	44.525 ppb	83.318 %	8.548 ppb	11.141 ppb
Concentration per Run 3	3,022.253 ppb	82.394 %	76.348 ppb	4.997 ppb	232.559 ppb	43.631 ppb	84.128 %	8.480 ppb	10.944 ppb
Concentration RSD	8.4 %	1.3 %	7.0 %	2.0 %	8.3 %	9.6 %	1.9 %	6.9 %	9.4 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	88.514 %	220.044 ppb	14.835 ppb	145.994 ppb	93.853 %	90.202 %	1.626 ppb	0.302 ppb	2,452.957 ppb
Concentration per Run 1	90.039 %	198.194 ppb	13.086 ppb	130.067 ppb	94.459 %	91.296 %	1.420 ppb	0.266 ppb	2,236.122 ppb
Concentration per Run 2	86.802 %	232.710 ppb	15.984 ppb	154.425 ppb	93.125 %	90.174 %	1.746 ppb	0.321 ppb	2,594.876 ppb
Concentration per Run 3	88.701 %	229.227 ppb	15.436 ppb	153.491 ppb	93.974 %	89.137 %	1.713 ppb	0.320 ppb	2,527.874 ppb
Concentration RSD	1.8 %	8.6 %	10.4 %	9.5 %	0.7 %	1.2 %	11.0 %	10.4 %	7.8 %

Category	209Bi (KED AGD)
Concentration average	90.857 %
Concentration per Run 1	92.412 %
Concentration per Run 2	89.057 %
Concentration per Run 3	91.104 %
Concentration RSD	1.9 %

3/8/2018 7:23:45 AM

 Analysis index: 26 Analysis started at: 3/7/2018 9:25:33 AM Rack: 1
 Analysis label: L1806577-11D10 A2-6020T User name: ALPHALAB\metals-instrument Vial: 12

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	79.597 %	96.279 %	1.846 ppb	34,920.150 ppb	17,085.945 ppb	32,782.106 ppb	8,028.125 ppb	6,139.655 ppb	83.385 %
Concentration per Run 1	79.631 %	102.573 %	1.857 ppb	31,107.940 ppb	15,046.390 ppb	28,966.452 ppb	6,872.181 ppb	5,074.194 ppb	83.880 %
Concentration per Run 2	78.983 %	95.428 %	1.861 ppb	35,959.978 ppb	17,669.244 ppb	33,767.401 ppb	8,280.242 ppb	6,496.427 ppb	83.052 %
Concentration per Run 3	80.179 %	90.835 %	1.820 ppb	37,692.532 ppb	18,542.203 ppb	35,612.464 ppb	8,931.952 ppb	6,848.342 ppb	83.224 %
Concentration RSD	0.8 %	6.1 %	1.2 %	9.8 %	10.6 %	10.5 %	13.1 %	15.3 %	0.5 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	97.705 %	1,054.268 ppb	133.936 ppb	125.297 ppb	400.701 ppb	68,663.302 ppb	18.306 ppb	60.311 ppb	380.087 ppb
Concentration per Run 1	97.776 %	890.314 ppb	120.825 ppb	112.742 ppb	359.400 ppb	61,926.416 ppb	16.903 ppb	56.155 ppb	348.193 ppb
Concentration per Run 2	97.682 %	1,101.717 ppb	140.514 ppb	130.591 ppb	417.409 ppb	71,223.916 ppb	19.071 ppb	62.404 ppb	391.555 ppb
Concentration per Run 3	97.658 %	1,170.773 ppb	140.469 ppb	132.557 ppb	425.295 ppb	72,839.575 ppb	18.942 ppb	62.375 ppb	400.512 ppb
Concentration RSD	0.1 %	13.9 %	8.5 %	8.7 %	9.0 %	8.6 %	6.6 %	6.0 %	7.4 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	790.388 ppb	87.390 %	29.994 ppb	7.248 ppb	136.598 ppb	22.243 ppb	88.141 %	4.001 ppb	2.853 ppb
Concentration per Run 1	718.493 ppb	88.382 %	27.641 ppb	6.610 ppb	123.295 ppb	19.608 ppb	90.938 %	3.696 ppb	2.662 ppb
Concentration per Run 2	817.173 ppb	88.071 %	31.307 ppb	7.554 ppb	141.464 ppb	31.307 ppb	88.307 %	4.060 ppb	2.983 ppb
Concentration per Run 3	835.498 ppb	85.718 %	31.035 ppb	7.579 ppb	145.034 ppb	23.709 ppb	85.178 %	4.248 ppb	2.915 ppb
Concentration RSD	8.0 %	1.7 %	6.8 %	7.6 %	8.5 %	10.3 %	3.3 %	7.0 %	5.9 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	88.782 %	57.550 ppb	4.593 ppb	165.935 ppb	90.816 %	91.097 %	0.484 ppb	0.477 ppb	990.157 ppb
Concentration per Run 1	91.948 %	49.970 ppb	4.211 ppb	149.349 ppb	92.503 %	93.713 %	0.373 ppb	0.433 ppb	893.197 ppb
Concentration per Run 2	86.547 %	60.688 ppb	4.784 ppb	174.179 ppb	90.065 %	90.248 %	0.489 ppb	0.489 ppb	1,023.242 ppb
Concentration per Run 3	87.852 %	61.993 ppb	4.784 ppb	174.276 ppb	89.879 %	89.329 %	0.589 ppb	0.509 ppb	1,054.033 ppb
Concentration RSD	3.2 %	11.5 %	7.2 %	8.7 %	1.6 %	2.5 %	22.4 %	8.2 %	8.6 %

Category	209Bi (KED AGD)
Concentration average	92.906 %
Concentration per Run 1	94.320 %
Concentration per Run 2	92.919 %
Concentration per Run 3	91.480 %
Concentration RSD	1.5 %

3/8/2018 7:23:45 AM

Analysis index: 27 Analysis started at: 3/7/2018 9:29:28 AM Rack: 1
 Analysis label: L1806577-12D10 A2-6020T User name: ALPHALAB\metals-instrument Vial: 13

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	79.677 %	96.640 %	1.251 ppb	23,024.858 ppb	14,616.601 ppb	29,452.645 ppb	8,135.119 ppb	5,210.530 ppb	84.645 %
Concentration per Run 1	79.383 %	99.383 %	1.202 ppb	21,362.148 ppb	13,313.233 ppb	26,748.539 ppb	7,412.758 ppb	4,586.387 ppb	83.348 %
Concentration per Run 2	79.507 %	94.790 %	1.272 ppb	23,688.099 ppb	15,142.663 ppb	30,563.528 ppb	8,427.777 ppb	5,279.770 ppb	85.595 %
Concentration per Run 3	80.143 %	95.747 %	1.280 ppb	24,024.329 ppb	15,393.907 ppb	31,045.867 ppb	8,564.820 ppb	5,765.431 ppb	84.992 %
Concentration RSD	0.5 %	2.5 %	3.4 %	6.3 %	7.8 %	8.0 %	7.7 %	11.4 %	1.4 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	97.047 %	1,128.891 ppb	131.708 ppb	117.193 ppb	399.756 ppb	56,093.744 ppb	15.982 ppb	50.527 ppb	107.665 ppb
Concentration per Run 1	97.846 %	1,018.074 ppb	120.798 ppb	107.128 ppb	371.364 ppb	52,008.608 ppb	15.134 ppb	48.028 ppb	100.169 ppb
Concentration per Run 2	95.873 %	1,168.897 ppb	139.238 ppb	122.526 ppb	415.226 ppb	57,833.721 ppb	16.372 ppb	52.961 ppb	109.289 ppb
Concentration per Run 3	97.423 %	1,199.701 ppb	135.089 ppb	121.924 ppb	412.678 ppb	58,438.905 ppb	16.440 ppb	50.593 ppb	113.538 ppb
Concentration RSD	1.1 %	8.6 %	7.3 %	7.4 %	6.2 %	6.3 %	4.6 %	4.9 %	6.3 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	338.897 ppb	88.051 %	21.295 ppb	5.496 ppb	73.608 ppb	16.771 ppb	87.608 %	1.645 ppb	1.202 ppb
Concentration per Run 1	314.163 ppb	87.004 %	19.435 ppb	5.487 ppb	67.252 ppb	14.455 ppb	90.008 %	1.494 ppb	1.160 ppb
Concentration per Run 2	347.284 ppb	89.182 %	21.917 ppb	4.762 ppb	76.843 ppb	17.718 ppb	86.642 %	1.681 ppb	1.183 ppb
Concentration per Run 3	355.245 ppb	87.966 %	22.532 ppb	6.239 ppb	76.729 ppb	18.139 ppb	86.173 %	1.762 ppb	1.261 ppb
Concentration RSD	6.4 %	1.2 %	7.7 %	13.4 %	7.5 %	12.0 %	2.4 %	8.4 %	4.4 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	87.995 %	28.236 ppb	2.569 ppb	138.581 ppb	90.555 %	90.195 %	0.412 ppb	0.453 ppb	240.199 ppb
Concentration per Run 1	89.258 %	25.844 ppb	2.226 ppb	126.795 ppb	91.139 %	92.340 %	0.321 ppb	0.409 ppb	222.472 ppb
Concentration per Run 2	88.362 %	28.825 ppb	2.586 ppb	141.166 ppb	90.563 %	90.329 %	0.451 ppb	0.466 ppb	247.637 ppb
Concentration per Run 3	86.364 %	30.040 ppb	2.895 ppb	147.781 ppb	89.962 %	87.915 %	0.466 ppb	0.485 ppb	250.488 ppb
Concentration RSD	1.7 %	7.6 %	13.0 %	7.7 %	0.6 %	2.5 %	19.4 %	8.8 %	6.4 %

Category	209Bi (KED AGD)
Concentration average	90.740 %
Concentration per Run 1	91.363 %
Concentration per Run 2	90.268 %
Concentration per Run 3	90.588 %
Concentration RSD	0.6 %

3/8/2018 7:23:45 AM

 Analysis index: 28 Analysis started at: 3/7/2018 9:33:18 AM Rack: 1
 Analysis label: L1806577-13D10 A2-6020T User name: ALPHALAB\metals-instrument Vial: 14

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	77.284 %	91.261 %	1.763 ppb	53,109.799 ppb	25,654.257 ppb	37,120.668 ppb	10,752.842 ppb	23,879.845 ppb	82.427 %
Concentration per Run 1	77.010 %	92.558 %	1.796 ppb	48,526.028 ppb	22,837.706 ppb	32,778.199 ppb	9,927.354 ppb	21,530.866 ppb	82.984 %
Concentration per Run 2	77.304 %	90.453 %	1.694 ppb	54,762.898 ppb	26,417.203 ppb	38,058.442 ppb	11,082.215 ppb	24,716.444 ppb	81.872 %
Concentration per Run 3	77.537 %	90.771 %	1.798 ppb	56,040.471 ppb	27,707.862 ppb	40,525.364 ppb	11,248.955 ppb	25,392.227 ppb	82.426 %
Concentration RSD	0.3 %	1.2 %	3.4 %	7.6 %	9.8 %	10.7 %	6.7 %	8.6 %	0.7 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	96.014 %	1,434.182 ppb	135.077 ppb	149.367 ppb	671.589 ppb	79,138.179 ppb	23.200 ppb	66.720 ppb	128.852 ppb
Concentration per Run 1	99.773 %	1,273.877 ppb	116.904 ppb	127.215 ppb	578.308 ppb	67,873.479 ppb	20.296 ppb	56.365 ppb	113.695 ppb
Concentration per Run 2	96.202 %	1,485.019 ppb	139.564 ppb	154.090 ppb	685.894 ppb	80,581.171 ppb	23.906 ppb	69.334 ppb	132.353 ppb
Concentration per Run 3	92.067 %	1,543.648 ppb	148.763 ppb	166.796 ppb	750.565 ppb	88,959.887 ppb	25.398 ppb	74.460 ppb	140.507 ppb
Concentration RSD	4.0 %	9.9 %	12.1 %	13.5 %	13.0 %	13.4 %	11.3 %	14.0 %	10.7 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	332.042 ppb	85.677 %	29.068 ppb	5.952 ppb	188.372 ppb	11.924 ppb	83.963 %	1.685 ppb	1.271 ppb
Concentration per Run 1	290.451 ppb	89.101 %	25.383 ppb	4.824 ppb	162.938 ppb	10.572 ppb	87.398 %	1.420 ppb	1.044 ppb
Concentration per Run 2	340.323 ppb	85.874 %	30.474 ppb	6.338 ppb	193.518 ppb	12.265 ppb	83.341 %	1.782 ppb	1.412 ppb
Concentration per Run 3	365.351 ppb	82.055 %	31.347 ppb	6.693 ppb	208.660 ppb	12.935 ppb	81.151 %	1.854 ppb	1.358 ppb
Concentration RSD	11.5 %	4.1 %	11.1 %	16.7 %	12.4 %	10.2 %	3.8 %	13.8 %	15.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	86.889 %	19.893 ppb	1.384 ppb	121.967 ppb	87.856 %	86.182 %	0.648 ppb	0.603 ppb	183.269 ppb
Concentration per Run 1	90.211 %	17.305 ppb	1.276 ppb	107.388 ppb	90.236 %	88.849 %	0.519 ppb	0.537 ppb	161.043 ppb
Concentration per Run 2	86.146 %	20.686 ppb	1.293 ppb	126.597 ppb	86.578 %	84.150 %	0.733 ppb	0.629 ppb	187.622 ppb
Concentration per Run 3	84.310 %	21.687 ppb	1.582 ppb	131.915 ppb	86.753 %	85.549 %	0.691 ppb	0.642 ppb	201.141 ppb
Concentration RSD	3.5 %	11.5 %	12.4 %	10.6 %	2.3 %	2.8 %	17.5 %	9.5 %	11.1 %

Category	209Bi (KED AGD)
Concentration average	87.963 %
Concentration per Run 1	89.609 %
Concentration per Run 2	87.757 %
Concentration per Run 3	86.524 %
Concentration RSD	1.8 %

3/8/2018 7:23:45 AM

 Analysis index: 29 Analysis started at: 3/7/2018 9:37:09 AM Rack: 1
 Analysis label: L1807335-01D10 CT-6020TS User name: ALPHALAB\metals-instrument Vial: 3

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	78.639 %	94.790 %	1.266 ppb	14,479.459 ppb	15,090.766 ppb	23,863.794 ppb	6,628.663 ppb	8,984.167 ppb	83.695 %
Concentration per Run 1	78.133 %	97.151 %	1.316 ppb	13,313.576 ppb	14,133.891 ppb	21,804.132 ppb	6,029.392 ppb	7,781.495 ppb	83.534 %
Concentration per Run 2	78.828 %	97.980 %	1.263 ppb	14,566.535 ppb	14,958.281 ppb	24,073.763 ppb	6,473.324 ppb	9,006.345 ppb	84.163 %
Concentration per Run 3	78.956 %	89.240 %	1.220 ppb	15,558.266 ppb	16,180.124 ppb	25,713.485 ppb	7,383.274 ppb	10,164.659 ppb	83.388 %
Concentration RSD	0.6 %	5.1 %	3.8 %	7.8 %	6.8 %	8.2 %	10.4 %	13.3 %	0.5 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	98.066 %	1,110.190 ppb	74.414 ppb	78.192 ppb	545.908 ppb	47,474.283 ppb	16.777 ppb	44.410 ppb	239.878 ppb
Concentration per Run 1	97.564 %	980.919 ppb	65.925 ppb	71.305 ppb	499.405 ppb	43,046.724 ppb	14.994 ppb	41.662 ppb	218.272 ppb
Concentration per Run 2	98.763 %	1,099.250 ppb	76.000 ppb	80.357 ppb	560.546 ppb	48,996.204 ppb	17.587 ppb	43.288 ppb	249.417 ppb
Concentration per Run 3	97.870 %	1,250.400 ppb	81.318 ppb	82.915 ppb	577.774 ppb	50,379.920 ppb	17.751 ppb	48.280 ppb	251.944 ppb
Concentration RSD	0.6 %	12.2 %	10.5 %	7.8 %	7.5 %	8.2 %	9.2 %	7.8 %	7.8 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	707.649 ppb	90.900 %	19.272 ppb	4.168 ppb	63.155 ppb	2.541 ppb	89.052 %	2.030 ppb	2.894 ppb
Concentration per Run 1	642.439 ppb	91.747 %	18.055 ppb	3.568 ppb	56.017 ppb	2.111 ppb	90.442 %	1.902 ppb	2.749 ppb
Concentration per Run 2	736.532 ppb	89.949 %	19.873 ppb	4.088 ppb	65.605 ppb	2.914 ppb	87.933 %	2.105 ppb	3.013 ppb
Concentration per Run 3	743.975 ppb	91.005 %	19.887 ppb	4.847 ppb	67.843 ppb	2.597 ppb	88.781 %	2.083 ppb	2.919 ppb
Concentration RSD	8.0 %	1.0 %	5.5 %	15.4 %	9.9 %	15.9 %	1.4 %	5.5 %	4.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	89.659 %	35.583 ppb	2.158 ppb	231.202 ppb	91.487 %	91.903 %	0.413 ppb	0.611 ppb	591.336 ppb
Concentration per Run 1	90.135 %	31.575 ppb	1.966 ppb	205.054 ppb	92.360 %	93.134 %	0.388 ppb	0.576 ppb	540.143 ppb
Concentration per Run 2	88.869 %	37.071 ppb	2.241 ppb	243.746 ppb	91.082 %	91.429 %	0.442 ppb	0.626 ppb	610.209 ppb
Concentration per Run 3	89.974 %	38.104 ppb	2.267 ppb	244.806 ppb	91.020 %	91.145 %	0.410 ppb	0.630 ppb	623.656 ppb
Concentration RSD	0.8 %	9.9 %	7.7 %	9.8 %	0.8 %	1.2 %	6.6 %	4.9 %	7.6 %

Category	209Bi (KED AGD)
Concentration average	90.784 %
Concentration per Run 1	91.355 %
Concentration per Run 2	91.737 %
Concentration per Run 3	89.259 %
Concentration RSD	1.5 %

3/8/2018 7:23:45 AM

 Analysis index: 30 Analysis started at: 3/7/2018 9:41:01 AM Rack: 0
 Analysis label: CCV User name: ALPHALAB\metals-instrument Vial: 9

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	80.365 %	94.514 %	97.022 ppb	10,068.339 ppb	10,993.776 ppb	108.602 ppb	10,315.280 ppb	10,691.592 ppb	85.030 %
Concentration per Run 1	80.337 %	95.046 %	96.849 ppb	8,973.803 ppb	9,754.753 ppb	100.319 ppb	9,109.331 ppb	9,330.538 ppb	85.163 %
Concentration per Run 2	80.687 %	93.961 %	97.659 ppb	10,658.394 ppb	11,524.619 ppb	113.089 ppb	11,170.946 ppb	11,625.231 ppb	86.225 %
Concentration per Run 3	80.070 %	94.535 %	96.560 ppb	10,572.820 ppb	11,701.955 ppb	112.399 ppb	10,665.564 ppb	11,119.008 ppb	83.700 %
Recovery Percentage 1			97.022 %	100.683 %	109.938 %	108.602 %	103.153 %	106.916 %	
Concentration RSD	0.4 %	0.6 %	0.6 %	9.4 %	9.8 %	6.6 %	10.4 %	11.3 %	1.5 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	98.044 %	106.175 ppb	100.171 ppb	101.243 ppb	98.991 ppb	10,158.083 ppb	108.950 ppb	107.923 ppb	105.621 ppb
Concentration per Run 1	95.783 %	92.534 ppb	88.376 ppb	89.492 ppb	87.791 ppb	9,145.946 ppb	98.604 ppb	100.035 ppb	97.983 ppb
Concentration per Run 2	100.736 %	114.739 ppb	105.089 ppb	107.346 ppb	104.045 ppb	10,530.675 ppb	112.547 ppb	109.929 ppb	108.535 ppb
Concentration per Run 3	97.612 %	111.252 ppb	107.047 ppb	106.893 ppb	105.136 ppb	10,797.629 ppb	115.700 ppb	113.805 ppb	110.347 ppb
Recovery Percentage 1		106.175 %	100.171 %	101.243 %	98.991 %	101.581 %	108.950 %	107.923 %	105.621 %
Concentration RSD	2.6 %	11.2 %	10.2 %	10.1 %	9.8 %	8.7 %	8.4 %	6.6 %	6.3 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	102.721 ppb	90.839 %	103.148 ppb	102.665 ppb	102.495 ppb	104.587 ppb	91.386 %	101.544 ppb	100.991 ppb
Concentration per Run 1	92.918 ppb	89.579 %	91.165 ppb	94.721 ppb	90.787 ppb	92.459 ppb	92.476 %	91.120 ppb	89.009 ppb
Concentration per Run 2	106.687 ppb	92.948 %	106.419 ppb	105.018 ppb	107.388 ppb	109.457 ppb	89.532 %	107.450 ppb	108.386 ppb
Concentration per Run 3	108.559 ppb	89.990 %	111.860 ppb	108.255 ppb	109.310 ppb	111.846 ppb	92.150 %	106.063 ppb	105.577 ppb
Recovery Percentage 1	102.721 %		103.148 %	102.665 %	102.495 %	104.587 %		101.544 %	100.991 %
Concentration RSD	8.3 %	2.0 %	10.4 %	6.9 %	9.9 %	10.1 %	1.8 %	8.9 %	10.4 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	92.521 %	106.175 ppb	102.825 ppb	105.138 ppb	94.985 %	95.126 %	102.448 ppb	100.363 ppb	98.280 ppb
Concentration per Run 1	93.670 %	92.493 ppb	90.783 ppb	92.524 ppb	95.799 %	94.812 %	90.810 ppb	90.421 ppb	87.726 ppb
Concentration per Run 2	92.127 %	111.153 ppb	106.758 ppb	111.973 ppb	92.560 %	94.059 %	108.012 ppb	105.025 ppb	104.630 ppb
Concentration per Run 3	91.764 %	114.878 ppb	110.934 ppb	110.917 ppb	96.596 %	96.506 %	108.522 ppb	105.643 ppb	102.484 ppb
Recovery Percentage 1		106.175 %	102.825 %	105.138 %			102.448 %	100.363 %	98.280 %
Concentration RSD	1.1 %	11.3 %	10.3 %	10.4 %	2.3 %	1.3 %	9.8 %	8.6 %	9.4 %

Category	209Bi (KED AGD)
Concentration average	91.559 %
Concentration per Run 1	92.903 %
Concentration per Run 2	90.807 %
Concentration per Run 3	90.967 %
Recovery Percentage 1	
Concentration RSD	1.3 %

3/8/2018 7:23:45 AM

 Analysis index: 31 Analysis started at: 3/7/2018 9:44:56 AM Rack: 0
 Analysis label: CCB User name: ALPHALAB\metals-instrument Vial: 10

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	79.976 %	94.004 %	0.012 ppb	89.415 ppb	0.844 ppb	1.565 ppb	40.422 ppb	-0.894 ppb	80.054 %
Concentration per Run 1	79.938 %	96.194 %	0.008 ppb	64.901 ppb	1.073 ppb	1.470 ppb	32.517 ppb	-4.967 ppb	79.380 %
Concentration per Run 2	80.275 %	91.218 %	0.019 ppb	108.806 ppb	0.447 ppb	0.263 ppb	43.413 ppb	5.317 ppb	80.743 %
Concentration per Run 3	79.714 %	94.599 %	0.011 ppb	94.538 ppb	1.013 ppb	2.962 ppb	45.335 ppb	-3.033 ppb	80.041 %
Recovery Percentage 1			2.484 %	89.415 %	0.844 %	15.650 %	40.422 %	-0.894 %	
Concentration RSD	0.4 %	2.7 %	45.5 %	25.0 %	40.9 %	86.4 %	17.1 %	611.1 %	0.9 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	92.037 %	0.438 ppb	0.001 ppb	0.157 ppb	0.000 ppb	40.629 ppb	0.013 ppb	-0.062 ppb	-0.021 ppb
Concentration per Run 1	85.915 %	0.337 ppb	-0.012 ppb	0.186 ppb	0.005 ppb	39.673 ppb	0.003 ppb	-0.048 ppb	-0.010 ppb
Concentration per Run 2	95.544 %	0.627 ppb	0.007 ppb	0.214 ppb	-0.003 ppb	38.409 ppb	0.009 ppb	-0.008 ppb	-0.007 ppb
Concentration per Run 3	94.651 %	0.349 ppb	0.008 ppb	0.070 ppb	-0.003 ppb	43.805 ppb	0.028 ppb	-0.130 ppb	-0.045 ppb
Recovery Percentage 1		87.545 %	0.017 %	15.669 %	-0.020 %	81.258 %	2.613 %	-3.084 %	-2.062 %
Concentration RSD	5.8 %	37.5 %	1,388.6 %	49.0 %	2,374.8 %	6.9 %	98.9 %	100.7 %	103.0 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.005 ppb	87.944 %	0.093 ppb	0.285 ppb	0.017 ppb	0.365 ppb	89.739 %	0.053 ppb	0.007 ppb
Concentration per Run 1	-0.060 ppb	83.770 %	0.079 ppb	0.414 ppb	-0.010 ppb	0.304 ppb	88.518 %	0.059 ppb	0.005 ppb
Concentration per Run 2	0.007 ppb	90.457 %	0.125 ppb	0.125 ppb	0.001 ppb	0.375 ppb	90.117 %	0.047 ppb	0.001 ppb
Concentration per Run 3	0.069 ppb	89.604 %	0.074 ppb	0.316 ppb	0.060 ppb	0.415 ppb	90.583 %	0.054 ppb	0.014 ppb
Recovery Percentage 1	0.050 %		18.538 %	5.698 %	3.400 %	18.227 %		13.280 %	3.286 %
Concentration RSD	1,301.2 %	4.1 %	30.1 %	51.6 %	219.6 %	15.3 %	1.2 %	11.2 %	98.9 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	89.078 %	3.740 ppb	2.032 ppb	0.035 ppb	91.678 %	93.918 %	0.849 ppb	0.027 ppb	0.079 ppb
Concentration per Run 1	87.563 %	3.589 ppb	1.943 ppb	0.005 ppb	91.250 %	93.240 %	0.801 ppb	0.026 ppb	0.057 ppb
Concentration per Run 2	90.439 %	3.896 ppb	2.039 ppb	0.072 ppb	92.309 %	93.433 %	0.852 ppb	0.029 ppb	0.079 ppb
Concentration per Run 3	89.234 %	3.736 ppb	2.113 ppb	0.027 ppb	91.476 %	95.080 %	0.894 ppb	0.025 ppb	0.100 ppb
Recovery Percentage 1		124.672 %	50.789 %	6.902 %			42.454 %	5.360 %	15.749 %
Concentration RSD	1.6 %	4.1 %	4.2 %	99.1 %	0.6 %	1.1 %	5.5 %	8.0 %	27.3 %

Category	209Bi (KED AGD)
Concentration average	91.145 %
Concentration per Run 1	90.543 %
Concentration per Run 2	90.965 %
Concentration per Run 3	91.926 %
Recovery Percentage 1	
Concentration RSD	0.8 %

3/8/2018 7:23:45 AM

 Analysis index: 32 Analysis started at: 3/7/2018 10:08:49 AM Rack: 1
 Analysis label: WG1094941-1 2008TL User name: ALPHALAB\metals-instrument Vial: 15

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	84.001 %	102.084 %	0.007 ppb	66.483 ppb	6.924 ppb	3.329 ppb	22.972 ppb	192.818 ppb	86.812 %
Concentration per Run 1	83.925 %	111.121 %	0.008 ppb	25.393 ppb	5.225 ppb	2.234 ppb	30.358 ppb	151.493 ppb	86.675 %
Concentration per Run 2	83.977 %	100.595 %	0.008 ppb	79.236 ppb	8.414 ppb	3.818 ppb	9.478 ppb	193.163 ppb	87.054 %
Concentration per Run 3	84.101 %	94.535 %	0.004 ppb	94.820 ppb	7.133 ppb	3.935 ppb	29.081 ppb	233.798 ppb	86.706 %
Concentration RSD	0.1 %	8.2 %	32.3 %	54.8 %	23.2 %	28.5 %	50.9 %	21.3 %	0.2 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	106.125 %	0.218 ppb	0.023 ppb	0.170 ppb	0.073 ppb	7.667 ppb	0.000 ppb	-0.392 ppb	0.008 ppb
Concentration per Run 1	111.076 %	0.035 ppb	0.039 ppb	0.084 ppb	0.033 ppb	7.092 ppb	-0.004 ppb	-0.356 ppb	-0.024 ppb
Concentration per Run 2	104.824 %	0.391 ppb	0.024 ppb	0.257 ppb	0.196 ppb	7.577 ppb	0.002 ppb	-0.440 ppb	0.028 ppb
Concentration per Run 3	102.475 %	0.228 ppb	0.006 ppb	0.170 ppb	-0.010 ppb	8.332 ppb	0.002 ppb	-0.380 ppb	0.019 ppb
Concentration RSD	4.2 %	81.7 %	72.2 %	50.7 %	148.6 %	8.2 %	3,577.4 %	11.0 %	363.2 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.321 ppb	102.890 %	0.011 ppb	0.070 ppb	0.176 ppb	0.074 ppb	100.122 %	0.009 ppb	0.008 ppb
Concentration per Run 1	0.273 ppb	106.420 %	0.018 ppb	0.078 ppb	0.160 ppb	0.025 ppb	105.984 %	0.007 ppb	0.003 ppb
Concentration per Run 2	0.349 ppb	101.837 %	0.019 ppb	0.036 ppb	0.019 ppb	0.078 ppb	98.560 %	0.014 ppb	0.015 ppb
Concentration per Run 3	0.341 ppb	100.414 %	-0.004 ppb	0.096 ppb	0.141 ppb	0.119 ppb	95.823 %	0.007 ppb	0.004 ppb
Concentration RSD	13.0 %	3.1 %	117.9 %	44.3 %	25.9 %	63.5 %	5.3 %	42.5 %	91.0 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	101.569 %	0.914 ppb	0.249 ppb	0.039 ppb	99.146 %	102.754 %	0.049 ppb	0.003 ppb	0.056 ppb
Concentration per Run 1	108.373 %	0.781 ppb	0.202 ppb	0.116 ppb	101.703 %	107.239 %	-0.003 ppb	0.003 ppb	0.046 ppb
Concentration per Run 2	99.628 %	1.005 ppb	0.238 ppb	0.021 ppb	98.625 %	102.867 %	0.053 ppb	0.005 ppb	0.065 ppb
Concentration per Run 3	96.708 %	0.955 ppb	0.308 ppb	-0.020 ppb	97.110 %	98.157 %	0.097 ppb	0.002 ppb	0.057 ppb
Concentration RSD	6.0 %	12.9 %	21.5 %	180.0 %	2.4 %	4.4 %	102.4 %	55.7 %	17.0 %

Category	209Bi (KED AGD)
Concentration average	100.617 %
Concentration per Run 1	106.341 %
Concentration per Run 2	98.117 %
Concentration per Run 3	97.393 %
Concentration RSD	4.9 %

3/8/2018 7:23:45 AM

 Analysis index: 33 Analysis started at: 3/7/2018 10:12:40 AM Rack: 1
 Analysis label: WG1094941-2D5 2008TL User name: ALPHALAB/metals-instrument Vial: 16

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	83.603 %	102.849 %	11.527 ppb	2,324.461 ppb	2,297.897 ppb	474.225 ppb	2,177.140 ppb	1,923.236 ppb	88.049 %
Concentration per Run 1	83.804 %	103.913 %	11.673 ppb	2,108.774 ppb	2,032.013 ppb	414.381 ppb	1,813.914 ppb	1,481.598 ppb	89.646 %
Concentration per Run 2	83.119 %	105.188 %	11.375 ppb	2,421.506 ppb	2,397.297 ppb	509.112 ppb	2,442.637 ppb	2,268.853 ppb	87.304 %
Concentration per Run 3	83.886 %	99.447 %	11.533 ppb	2,443.102 ppb	2,464.381 ppb	499.183 ppb	2,274.868 ppb	2,019.256 ppb	87.198 %
Concentration RSD	0.5 %	2.9 %	1.3 %	8.0 %	10.1 %	11.0 %	15.0 %	20.9 %	1.6 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	107.496 %	186.709 ppb	115.145 ppb	46.381 ppb	113.853 ppb	227.420 ppb	108.132 ppb	108.748 ppb	52.927 ppb
Concentration per Run 1	100.995 %	159.582 ppb	104.087 ppb	42.455 ppb	101.490 ppb	206.999 ppb	98.760 ppb	98.795 ppb	48.208 ppb
Concentration per Run 2	115.752 %	204.108 ppb	120.139 ppb	47.407 ppb	119.089 ppb	238.435 ppb	109.638 ppb	109.785 ppb	54.254 ppb
Concentration per Run 3	105.741 %	196.438 ppb	121.208 ppb	49.282 ppb	120.979 ppb	236.826 ppb	115.998 ppb	117.665 ppb	56.318 ppb
Concentration RSD	7.0 %	12.7 %	8.3 %	7.6 %	9.4 %	7.8 %	8.1 %	8.7 %	8.0 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	107.259 ppb	101.143 %	25.665 ppb	26.060 ppb	210.395 ppb	204.661 ppb	97.971 %	10.746 ppb	11.071 ppb
Concentration per Run 1	94.118 ppb	101.160 %	22.386 ppb	23.813 ppb	181.036 ppb	178.280 ppb	99.929 %	9.686 ppb	9.684 ppb
Concentration per Run 2	111.920 ppb	106.638 %	26.520 ppb	27.389 ppb	226.887 ppb	213.436 ppb	98.202 %	11.091 ppb	11.477 ppb
Concentration per Run 3	115.741 ppb	95.631 %	28.090 ppb	26.980 ppb	223.262 ppb	222.267 ppb	95.782 %	11.461 ppb	12.053 ppb
Concentration RSD	10.8 %	5.4 %	11.5 %	7.5 %	12.1 %	11.4 %	2.1 %	8.7 %	11.2 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	99.453 %	180.548 ppb	116.661 ppb	433.208 ppb	98.503 %	102.405 %	0.110 ppb	24.212 ppb	104.571 ppb
Concentration per Run 1	99.638 %	160.605 ppb	101.191 ppb	372.830 ppb	99.404 %	101.695 %	0.061 ppb	21.580 ppb	90.604 ppb
Concentration per Run 2	102.615 %	185.629 ppb	122.061 ppb	462.771 ppb	99.744 %	106.434 %	0.105 ppb	25.078 ppb	109.222 ppb
Concentration per Run 3	96.107 %	195.409 ppb	126.730 ppb	464.024 ppb	96.361 %	99.086 %	0.162 ppb	25.979 ppb	113.887 ppb
Concentration RSD	3.3 %	9.9 %	11.7 %	12.1 %	1.9 %	3.6 %	46.3 %	9.6 %	11.8 %

Category	209Bi (KED AGD)
Concentration average	99.253 %
Concentration per Run 1	101.480 %
Concentration per Run 2	102.160 %
Concentration per Run 3	94.118 %
Concentration RSD	4.5 %

3/8/2018 7:23:45 AM

 Analysis index: 34 Analysis started at: 3/7/2018 10:16:31 AM Rack: 1
 Analysis label: L1807335-02D10 CT-6020TS User name: ALPHALAB\metals-instrument Vial: 4

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	82.495 %	101.616 %	0.821 ppb	10,420.573 ppb	14,361.001 ppb	15,983.796 ppb	4,930.678 ppb	16,643.425 ppb	93.494 %
Concentration per Run 1	82.261 %	102.063 %	0.827 ppb	9,551.995 ppb	12,745.220 ppb	14,114.937 ppb	4,373.036 ppb	14,708.159 ppb	94.009 %
Concentration per Run 2	82.941 %	99.639 %	0.798 ppb	10,667.944 ppb	14,713.579 ppb	16,123.128 ppb	4,998.302 ppb	16,940.210 ppb	93.754 %
Concentration per Run 3	82.284 %	103.147 %	0.837 ppb	11,041.781 ppb	15,624.205 ppb	17,713.323 ppb	5,420.695 ppb	18,281.906 ppb	92.719 %
Concentration RSD	0.5 %	1.8 %	2.4 %	7.4 %	10.2 %	11.3 %	10.7 %	10.8 %	0.7 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	114.670 %	882.450 ppb	64.424 ppb	124.153 ppb	349.697 ppb	34,347.212 ppb	11.794 ppb	44.437 ppb	254.077 ppb
Concentration per Run 1	110.581 %	785.219 ppb	61.770 ppb	115.528 ppb	324.285 ppb	31,899.072 ppb	11.302 ppb	43.313 ppb	242.399 ppb
Concentration per Run 2	112.625 %	908.219 ppb	67.184 ppb	129.626 ppb	359.675 ppb	35,566.898 ppb	12.426 ppb	45.897 ppb	266.536 ppb
Concentration per Run 3	120.804 %	953.912 ppb	64.318 ppb	127.306 ppb	365.131 ppb	35,575.668 ppb	11.653 ppb	44.101 ppb	253.295 ppb
Concentration RSD	4.7 %	9.9 %	4.2 %	6.1 %	6.3 %	6.2 %	4.9 %	3.0 %	4.8 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	564.462 ppb	96.430 %	9.333 ppb	2.944 ppb	58.116 ppb	6.429 ppb	91.852 %	4.707 ppb	3.094 ppb
Concentration per Run 1	525.383 ppb	92.566 %	8.503 ppb	2.800 ppb	52.501 ppb	6.029 ppb	91.938 %	4.355 ppb	2.847 ppb
Concentration per Run 2	586.004 ppb	95.028 %	9.126 ppb	2.794 ppb	59.387 ppb	6.485 ppb	91.437 %	4.883 ppb	3.176 ppb
Concentration per Run 3	581.998 ppb	101.696 %	10.370 ppb	3.238 ppb	62.459 ppb	6.774 ppb	92.182 %	4.883 ppb	3.261 ppb
Concentration RSD	6.0 %	4.9 %	10.2 %	8.7 %	8.8 %	5.8 %	0.4 %	6.5 %	7.1 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	95.640 %	31.252 ppb	5.484 ppb	126.361 ppb	96.779 %	98.076 %	1.099 ppb	0.380 ppb	824.471 ppb
Concentration per Run 1	92.776 %	28.146 ppb	4.991 ppb	113.554 ppb	95.643 %	94.805 %	0.974 ppb	0.345 ppb	746.917 ppb
Concentration per Run 2	95.060 %	33.683 ppb	5.607 ppb	132.416 ppb	95.307 %	96.163 %	1.242 ppb	0.400 ppb	861.737 ppb
Concentration per Run 3	99.083 %	31.928 ppb	5.854 ppb	133.112 ppb	99.388 %	103.259 %	1.082 ppb	0.394 ppb	864.759 ppb
Concentration RSD	3.3 %	9.1 %	8.1 %	8.8 %	2.3 %	4.6 %	12.3 %	7.9 %	8.1 %

Category	209Bi (KED AGD)
Concentration average	96.575 %
Concentration per Run 1	96.149 %
Concentration per Run 2	94.822 %
Concentration per Run 3	98.755 %
Concentration RSD	2.1 %

3/8/2018 7:23:45 AM

 Analysis index: 35
 Analysis label: L1807335-03D10 CT-6020TS

 Analysis started at: 3/7/2018 10:20:23 AM
 User name: ALPHALAB\metals-instrument
 Rack: 1
 Vial: 5

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	83.502 %	97.810 %	0.960 ppb	12,322.358 ppb	12,700.954 ppb	18,980.190 ppb	5,663.234 ppb	6,546.907 ppb	90.252 %
Concentration per Run 1	83.986 %	98.490 %	0.999 ppb	11,177.844 ppb	11,121.383 ppb	16,644.383 ppb	5,012.067 ppb	5,475.239 ppb	91.523 %
Concentration per Run 2	82.633 %	92.175 %	0.961 ppb	13,065.745 ppb	13,650.684 ppb	19,880.823 ppb	6,022.277 ppb	7,138.451 ppb	89.920 %
Concentration per Run 3	83.888 %	102.764 %	0.921 ppb	12,723.485 ppb	13,330.794 ppb	20,415.365 ppb	5,955.358 ppb	7,027.030 ppb	89.314 %
Concentration RSD	0.9 %	5.4 %	4.1 %	8.2 %	10.8 %	10.8 %	10.0 %	14.2 %	1.3 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	109.360 %	794.750 ppb	57.998 ppb	87.858 ppb	525.433 ppb	42,272.496 ppb	12.818 ppb	38.015 ppb	238.820 ppb
Concentration per Run 1	105.506 %	680.501 ppb	52.454 ppb	80.534 ppb	478.245 ppb	38,501.287 ppb	12.241 ppb	35.529 ppb	219.306 ppb
Concentration per Run 2	106.680 %	855.212 ppb	60.702 ppb	92.626 ppb	544.979 ppb	44,111.474 ppb	13.350 ppb	38.673 ppb	252.084 ppb
Concentration per Run 3	115.893 %	848.539 ppb	60.838 ppb	90.414 ppb	553.075 ppb	44,204.727 ppb	12.862 ppb	39.842 ppb	245.071 ppb
Concentration RSD	5.2 %	12.5 %	8.3 %	7.3 %	7.8 %	7.7 %	4.3 %	5.9 %	7.2 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	889.980 ppb	96.361 %	13.173 ppb	2.576 ppb	46.458 ppb	4.038 ppb	93.681 %	2.303 ppb	7.477 ppb
Concentration per Run 1	808.532 ppb	94.504 %	12.077 ppb	2.322 ppb	40.961 ppb	3.374 ppb	93.547 %	2.110 ppb	6.682 ppb
Concentration per Run 2	937.987 ppb	93.415 %	13.634 ppb	2.901 ppb	49.377 ppb	4.235 ppb	91.185 %	2.475 ppb	7.812 ppb
Concentration per Run 3	923.421 ppb	101.164 %	13.810 ppb	2.505 ppb	49.037 ppb	4.506 ppb	96.310 %	2.323 ppb	7.937 ppb
Concentration RSD	8.0 %	4.4 %	7.2 %	11.5 %	10.3 %	14.6 %	2.7 %	8.0 %	9.2 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	96.165 %	15.879 ppb	2.497 ppb	77.661 ppb	96.137 %	98.539 %	0.702 ppb	0.398 ppb	143.236 ppb
Concentration per Run 1	95.434 %	13.991 ppb	2.106 ppb	70.302 ppb	94.397 %	96.981 %	0.452 ppb	0.348 ppb	127.577 ppb
Concentration per Run 2	91.938 %	17.379 ppb	2.626 ppb	79.771 ppb	93.194 %	94.156 %	0.755 ppb	0.428 ppb	150.925 ppb
Concentration per Run 3	101.125 %	16.268 ppb	2.758 ppb	82.910 ppb	100.821 %	104.479 %	0.899 ppb	0.419 ppb	151.207 ppb
Concentration RSD	4.8 %	10.9 %	13.8 %	8.5 %	4.3 %	5.4 %	32.5 %	11.1 %	9.5 %

Category	209Bi (KED AGD)
Concentration average	95.154 %
Concentration per Run 1	96.568 %
Concentration per Run 2	92.549 %
Concentration per Run 3	96.346 %
Concentration RSD	2.4 %

3/8/2018 7:23:45 AM

 Analysis index: 36
 Analysis label: L1807335-04D10 CT-6020TS

 Analysis started at: 3/7/2018 10:24:15 AM
 User name: ALPHALAB\metals-instrument
 Rack: 1
 Vial: 6

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	83.783 %	103.806 %	1.362 ppb	11,341.339 ppb	14,894.339 ppb	26,668.447 ppb	6,578.363 ppb	3,220.896 ppb	87.901 %
Concentration per Run 1	83.936 %	107.102 %	1.334 ppb	10,298.456 ppb	13,460.415 ppb	23,973.039 ppb	6,109.775 ppb	2,939.191 ppb	88.015 %
Concentration per Run 2	84.249 %	103.466 %	1.368 ppb	11,901.240 ppb	15,627.387 ppb	27,967.217 ppb	6,676.653 ppb	3,395.579 ppb	88.299 %
Concentration per Run 3	83.164 %	100.851 %	1.383 ppb	11,824.321 ppb	15,595.216 ppb	28,065.085 ppb	6,948.660 ppb	3,327.919 ppb	87.388 %
Concentration RSD	0.7 %	3.0 %	1.8 %	8.0 %	8.3 %	8.8 %	6.5 %	7.6 %	0.5 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	105.396 %	1,048.099 ppb	74.994 ppb	67.241 ppb	654.858 ppb	56,755.805 ppb	17.262 ppb	39.155 ppb	28.339 ppb
Concentration per Run 1	107.291 %	932.593 ppb	69.066 ppb	60.249 ppb	593.501 ppb	51,420.086 ppb	15.625 ppb	34.520 ppb	25.832 ppb
Concentration per Run 2	104.965 %	1,090.067 ppb	77.368 ppb	71.040 ppb	683.381 ppb	59,574.369 ppb	18.191 ppb	40.798 ppb	29.209 ppb
Concentration per Run 3	103.931 %	1,121.639 ppb	78.547 ppb	70.433 ppb	687.692 ppb	59,272.961 ppb	17.969 ppb	42.147 ppb	29.976 ppb
Concentration RSD	1.6 %	9.7 %	6.9 %	9.0 %	8.1 %	8.1 %	8.2 %	10.4 %	7.8 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	114.815 ppb	92.233 %	16.299 ppb	4.748 ppb	39.111 ppb	25.968 ppb	91.959 %	0.230 ppb	0.358 ppb
Concentration per Run 1	103.593 ppb	92.585 %	15.163 ppb	4.072 ppb	35.338 ppb	23.704 ppb	92.995 %	0.232 ppb	0.312 ppb
Concentration per Run 2	121.871 ppb	91.117 %	17.162 ppb	5.257 ppb	41.208 ppb	27.606 ppb	91.061 %	0.214 ppb	0.363 ppb
Concentration per Run 3	118.980 ppb	92.996 %	16.571 ppb	4.913 ppb	40.788 ppb	26.594 ppb	91.821 %	0.242 ppb	0.399 ppb
Concentration RSD	8.6 %	1.1 %	6.3 %	12.8 %	8.4 %	7.8 %	1.1 %	6.2 %	12.2 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	92.258 %	4.488 ppb	0.701 ppb	70.037 ppb	92.436 %	93.055 %	0.253 ppb	0.378 ppb	22.304 ppb
Concentration per Run 1	92.975 %	3.979 ppb	0.611 ppb	60.996 ppb	91.934 %	93.183 %	0.172 ppb	0.347 ppb	19.592 ppb
Concentration per Run 2	91.853 %	4.689 ppb	0.683 ppb	76.638 ppb	92.381 %	92.435 %	0.268 ppb	0.385 ppb	23.778 ppb
Concentration per Run 3	91.947 %	4.797 ppb	0.810 ppb	72.478 ppb	92.991 %	93.548 %	0.320 ppb	0.401 ppb	23.544 ppb
Concentration RSD	0.7 %	9.9 %	14.4 %	11.6 %	0.6 %	0.6 %	29.5 %	7.4 %	10.5 %

Category	209Bi (KED AGD)
Concentration average	92.825 %
Concentration per Run 1	96.612 %
Concentration per Run 2	90.546 %
Concentration per Run 3	91.318 %
Concentration RSD	3.6 %

3/8/2018 7:23:45 AM

 Analysis index: 37 Analysis started at: 3/7/2018 10:28:08 AM Rack: 1
 Analysis label: L1807335-05D10 CT-6020TS User name: ALPHALAB\metals-instrument Vial: 7

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	83.033 %	99.724 %	0.879 ppb	16,629.074 ppb	14,113.345 ppb	16,403.554 ppb	4,637.118 ppb	12,241.892 ppb	87.151 %
Concentration per Run 1	82.414 %	102.318 %	0.873 ppb	15,249.296 ppb	12,834.708 ppb	14,723.047 ppb	4,228.836 ppb	10,801.822 ppb	86.384 %
Concentration per Run 2	83.312 %	97.789 %	0.874 ppb	17,176.818 ppb	14,751.867 ppb	17,069.666 ppb	4,803.462 ppb	12,924.300 ppb	88.223 %
Concentration per Run 3	83.374 %	99.064 %	0.891 ppb	17,461.108 ppb	14,753.458 ppb	17,417.949 ppb	4,879.055 ppb	12,999.553 ppb	86.846 %
Concentration RSD	0.6 %	2.3 %	1.2 %	7.2 %	7.8 %	8.9 %	7.7 %	10.2 %	1.1 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	102.044 %	673.086 ppb	65.233 ppb	97.810 ppb	376.101 ppb	35,228.461 ppb	11.667 ppb	39.094 ppb	235.517 ppb
Concentration per Run 1	103.791 %	597.967 ppb	58.707 ppb	86.782 ppb	332.615 ppb	31,238.856 ppb	10.454 ppb	35.813 ppb	211.289 ppb
Concentration per Run 2	100.219 %	707.424 ppb	68.662 ppb	103.395 ppb	397.124 ppb	36,863.243 ppb	12.563 ppb	40.229 ppb	248.382 ppb
Concentration per Run 3	102.122 %	713.867 ppb	68.330 ppb	103.252 ppb	398.563 ppb	37,583.283 ppb	11.983 ppb	41.241 ppb	246.881 ppb
Concentration RSD	1.8 %	9.7 %	8.7 %	9.8 %	10.0 %	9.9 %	9.3 %	7.4 %	8.9 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	546.493 ppb	92.964 %	8.338 ppb	2.970 ppb	54.427 ppb	8.280 ppb	92.289 %	7.058 ppb	2.493 ppb
Concentration per Run 1	492.664 ppb	94.496 %	7.291 ppb	2.795 ppb	47.810 ppb	7.331 ppb	94.661 %	6.503 ppb	2.139 ppb
Concentration per Run 2	568.297 ppb	92.360 %	8.613 ppb	3.668 ppb	56.861 ppb	8.458 ppb	90.675 %	7.299 ppb	2.473 ppb
Concentration per Run 3	578.519 ppb	92.037 %	9.108 ppb	2.449 ppb	58.610 ppb	9.050 ppb	91.532 %	7.372 ppb	2.868 ppb
Concentration RSD	8.6 %	1.4 %	11.3 %	21.1 %	10.7 %	10.5 %	2.3 %	6.8 %	14.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	93.195 %	15.736 ppb	2.603 ppb	92.882 ppb	95.132 %	95.234 %	0.734 ppb	0.416 ppb	343.568 ppb
Concentration per Run 1	94.258 %	13.726 ppb	2.151 ppb	84.288 ppb	95.510 %	95.808 %	0.647 ppb	0.369 ppb	310.674 ppb
Concentration per Run 2	91.950 %	16.164 ppb	2.824 ppb	99.378 ppb	93.661 %	93.834 %	0.785 ppb	0.439 ppb	355.256 ppb
Concentration per Run 3	93.378 %	17.318 ppb	2.835 ppb	94.981 ppb	96.226 %	96.061 %	0.769 ppb	0.439 ppb	364.773 ppb
Concentration RSD	1.2 %	11.7 %	15.0 %	8.4 %	1.4 %	1.3 %	10.3 %	9.6 %	8.4 %

Category	209Bi (KED AGD)
Concentration average	95.566 %
Concentration per Run 1	95.983 %
Concentration per Run 2	96.212 %
Concentration per Run 3	94.502 %
Concentration RSD	1.0 %

3/8/2018 7:23:45 AM

 Analysis index: 38 Analysis started at: 3/7/2018 10:32:01 AM Rack: 1
 Analysis label: WG1094941-3D10 2008TL User name: ALPHALAB\metals-instrument Vial: 17

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	83.563 %	99.447 %	5.819 ppb	3,852.130 ppb	5,321.357 ppb	238.952 ppb	1,213.598 ppb	10,862.028 ppb	83.306 %
Concentration per Run 1	83.936 %	99.064 %	5.754 ppb	3,613.951 ppb	4,835.874 ppb	223.051 ppb	1,140.833 ppb	9,816.979 ppb	83.944 %
Concentration per Run 2	83.915 %	97.980 %	5.744 ppb	3,962.697 ppb	5,517.080 ppb	250.212 ppb	1,304.055 ppb	11,395.689 ppb	83.783 %
Concentration per Run 3	82.838 %	101.297 %	5.959 ppb	3,979.742 ppb	5,611.117 ppb	243.593 ppb	1,195.905 ppb	11,373.416 ppb	82.189 %
Concentration RSD	0.8 %	1.7 %	2.1 %	5.4 %	8.0 %	5.9 %	6.8 %	8.3 %	1.2 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	94.698 %	107.401 ppb	63.033 ppb	24.799 ppb	66.027 ppb	197.221 ppb	57.087 ppb	55.808 ppb	32.666 ppb
Concentration per Run 1	94.557 %	96.370 ppb	56.820 ppb	21.941 ppb	61.868 ppb	204.483 ppb	51.238 ppb	51.062 ppb	28.671 ppb
Concentration per Run 2	94.252 %	113.206 ppb	64.946 ppb	25.795 ppb	70.241 ppb	197.696 ppb	59.915 ppb	59.490 ppb	34.754 ppb
Concentration per Run 3	95.285 %	112.627 ppb	67.334 ppb	26.660 ppb	65.973 ppb	189.483 ppb	60.107 ppb	56.873 ppb	34.573 ppb
Concentration RSD	0.6 %	8.9 %	8.7 %	10.1 %	6.3 %	3.8 %	8.9 %	7.7 %	10.6 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	59.406 ppb	93.443 %	12.863 ppb	13.118 ppb	176.860 ppb	104.726 ppb	93.241 %	5.483 ppb	5.628 ppb
Concentration per Run 1	51.880 ppb	95.597 %	11.329 ppb	12.331 ppb	156.191 ppb	92.861 ppb	94.618 %	5.028 ppb	4.940 ppb
Concentration per Run 2	62.854 ppb	90.488 %	13.536 ppb	13.654 ppb	187.733 ppb	109.541 ppb	92.853 %	5.730 ppb	6.011 ppb
Concentration per Run 3	63.484 ppb	94.242 %	13.723 ppb	13.370 ppb	186.655 ppb	111.775 ppb	92.251 %	5.691 ppb	5.932 ppb
Concentration RSD	11.0 %	2.8 %	10.3 %	5.3 %	10.1 %	9.9 %	1.3 %	7.2 %	10.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	93.610 %	105.691 ppb	62.835 ppb	218.980 ppb	95.889 %	98.006 %	0.037 ppb	12.479 ppb	53.756 ppb
Concentration per Run 1	95.202 %	96.554 ppb	55.703 ppb	197.534 ppb	96.114 %	99.358 %	0.000 ppb	11.411 ppb	48.162 ppb
Concentration per Run 2	93.270 %	107.224 ppb	64.348 ppb	224.991 ppb	96.142 %	97.623 %	0.061 ppb	12.721 ppb	55.439 ppb
Concentration per Run 3	92.358 %	113.296 ppb	68.456 ppb	234.416 ppb	95.412 %	97.037 %	0.049 ppb	13.306 ppb	57.668 ppb
Concentration RSD	1.6 %	8.0 %	10.4 %	8.8 %	0.4 %	1.2 %	89.2 %	7.8 %	9.2 %

Category	209Bi (KED AGD)
Concentration average	93.735 %
Concentration per Run 1	94.055 %
Concentration per Run 2	94.440 %
Concentration per Run 3	92.710 %
Concentration RSD	1.0 %

3/8/2018 7:23:45 AM

 Analysis index: 39 Analysis started at: 3/7/2018 10:35:53 AM Rack: 1
 Analysis label: WG1094941-4 2008TL User name: ALPHALAB\metals-instrument Vial: 18

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	79.079 %	98.852 %	0.035 ppb	25,817.658 ppb	40,508.272 ppb	5.768 ppb	1,575.415 ppb	98,024.247 ppb	80.154 %
Concentration per Run 1	79.503 %	98.554 %	0.034 ppb	23,999.516 ppb	37,349.597 ppb	4.258 ppb	1,438.624 ppb	87,999.066 ppb	81.555 %
Concentration per Run 2	79.020 %	99.638 %	0.034 ppb	26,562.194 ppb	41,706.336 ppb	5.262 ppb	1,647.784 ppb	102,523.055 ppb	78.518 %
Concentration per Run 3	78.715 %	98.363 %	0.038 ppb	26,891.263 ppb	42,468.883 ppb	7.783 ppb	1,639.836 ppb	103,550.619 ppb	80.391 %
Concentration RSD	0.5 %	0.7 %	7.4 %	6.1 %	6.8 %	31.5 %	7.5 %	8.9 %	1.9 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	92.858 %	134.020 ppb	0.468 ppb	0.699 ppb	46.341 ppb	293.300 ppb	0.189 ppb	1.095 ppb	52.350 ppb
Concentration per Run 1	91.644 %	119.204 ppb	0.439 ppb	0.758 ppb	42.026 ppb	263.172 ppb	0.169 ppb	0.905 ppb	47.052 ppb
Concentration per Run 2	93.382 %	142.875 ppb	0.455 ppb	0.712 ppb	49.364 ppb	312.992 ppb	0.194 ppb	1.205 ppb	57.055 ppb
Concentration per Run 3	93.547 %	139.982 ppb	0.512 ppb	0.627 ppb	47.634 ppb	303.735 ppb	0.203 ppb	1.176 ppb	52.944 ppb
Concentration RSD	1.1 %	9.6 %	8.1 %	9.5 %	8.3 %	9.0 %	9.5 %	15.1 %	9.6 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	32.560 ppb	89.988 %	0.039 ppb	0.462 ppb	739.927 ppb	0.630 ppb	87.650 %	0.042 ppb	0.010 ppb
Concentration per Run 1	29.321 ppb	90.158 %	0.035 ppb	0.189 ppb	658.374 ppb	0.407 ppb	88.713 %	0.047 ppb	0.005 ppb
Concentration per Run 2	34.687 ppb	88.511 %	0.009 ppb	0.453 ppb	783.389 ppb	0.758 ppb	85.987 %	0.039 ppb	0.014 ppb
Concentration per Run 3	33.671 ppb	91.296 %	0.073 ppb	0.744 ppb	778.019 ppb	0.723 ppb	88.249 %	0.039 ppb	0.013 ppb
Concentration RSD	8.8 %	1.6 %	82.1 %	60.1 %	9.6 %	30.7 %	1.7 %	10.4 %	48.0 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	93.274 %	8.646 ppb	0.964 ppb	8.087 ppb	97.622 %	93.840 %	0.115 ppb	0.005 ppb	2.021 ppb
Concentration per Run 1	94.788 %	7.767 ppb	0.912 ppb	7.727 ppb	98.859 %	94.995 %	0.058 ppb	0.004 ppb	1.837 ppb
Concentration per Run 2	91.510 %	9.172 ppb	1.039 ppb	8.122 ppb	95.823 %	92.873 %	0.116 ppb	0.006 ppb	2.141 ppb
Concentration per Run 3	93.523 %	8.998 ppb	0.943 ppb	8.413 ppb	98.183 %	93.651 %	0.170 ppb	0.006 ppb	2.085 ppb
Concentration RSD	1.8 %	8.9 %	6.9 %	4.3 %	1.6 %	1.1 %	49.0 %	21.6 %	8.0 %

Category	209Bi (KED AGD)
Concentration average	91.529 %
Concentration per Run 1	93.100 %
Concentration per Run 2	89.743 %
Concentration per Run 3	91.743 %
Concentration RSD	1.8 %

3/8/2018 7:23:45 AM

 Analysis index: 40 Analysis started at: 3/7/2018 10:39:45 AM Rack: 1
 Analysis label: L1807566-02 2008TL User name: ALPHALAB\metals-instrument Vial: 19

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	77.448 %	93.025 %	0.025 ppb	26,338.805 ppb	41,243.265 ppb	5.377 ppb	1,651.294 ppb	99,369.659 ppb	78.489 %
Concentration per Run 1	78.079 %	92.749 %	0.031 ppb	24,551.983 ppb	38,079.817 ppb	4.725 ppb	1,498.409 ppb	90,184.138 ppb	79.557 %
Concentration per Run 2	77.540 %	93.323 %	0.022 ppb	26,733.442 ppb	41,908.617 ppb	5.918 ppb	1,704.948 ppb	104,026.655 ppb	78.389 %
Concentration per Run 3	76.725 %	93.004 %	0.024 ppb	27,730.990 ppb	43,741.360 ppb	5.489 ppb	1,750.524 ppb	103,898.185 ppb	77.522 %
Concentration RSD	0.9 %	0.3 %	18.4 %	6.2 %	7.0 %	11.2 %	8.1 %	8.0 %	1.3 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	89.780 %	136.124 ppb	0.463 ppb	0.757 ppb	49.882 ppb	282.751 ppb	0.160 ppb	1.281 ppb	53.101 ppb
Concentration per Run 1	88.919 %	126.689 ppb	0.283 ppb	0.724 ppb	46.910 ppb	243.506 ppb	0.160 ppb	0.872 ppb	49.019 ppb
Concentration per Run 2	92.419 %	143.169 ppb	0.561 ppb	0.707 ppb	50.627 ppb	274.922 ppb	0.163 ppb	1.410 ppb	53.742 ppb
Concentration per Run 3	88.003 %	138.514 ppb	0.545 ppb	0.838 ppb	52.107 ppb	329.825 ppb	0.157 ppb	1.561 ppb	56.542 ppb
Concentration RSD	2.6 %	6.2 %	33.7 %	9.4 %	5.4 %	15.5 %	2.0 %	28.3 %	7.2 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	33.855 ppb	87.493 %	0.018 ppb	0.544 ppb	740.555 ppb	0.171 ppb	85.648 %	0.019 ppb	0.014 ppb
Concentration per Run 1	31.035 ppb	88.796 %	0.022 ppb	0.450 ppb	667.127 ppb	0.107 ppb	86.881 %	0.016 ppb	0.005 ppb
Concentration per Run 2	34.835 ppb	88.332 %	0.009 ppb	0.839 ppb	768.645 ppb	0.237 ppb	85.596 %	0.014 ppb	0.018 ppb
Concentration per Run 3	35.695 ppb	85.352 %	0.023 ppb	0.342 ppb	785.894 ppb	0.170 ppb	84.467 %	0.026 ppb	0.018 ppb
Concentration RSD	7.3 %	2.1 %	43.0 %	48.0 %	8.7 %	37.8 %	1.4 %	35.0 %	54.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	92.164 %	3.778 ppb	0.360 ppb	7.839 ppb	96.252 %	94.494 %	0.106 ppb	0.002 ppb	1.995 ppb
Concentration per Run 1	92.017 %	3.383 ppb	0.292 ppb	7.099 ppb	96.550 %	95.155 %	0.051 ppb	0.002 ppb	1.818 ppb
Concentration per Run 2	92.662 %	4.205 ppb	0.328 ppb	8.418 ppb	96.466 %	93.659 %	0.146 ppb	0.000 ppb	2.051 ppb
Concentration per Run 3	91.813 %	3.746 ppb	0.460 ppb	8.002 ppb	95.739 %	94.669 %	0.122 ppb	0.004 ppb	2.115 ppb
Concentration RSD	0.5 %	10.9 %	24.6 %	8.6 %	0.5 %	0.8 %	46.2 %	85.5 %	7.8 %

Category	209Bi (KED AGD)
Concentration average	90.908 %
Concentration per Run 1	91.570 %
Concentration per Run 2	90.963 %
Concentration per Run 3	90.191 %
Concentration RSD	0.8 %

3/8/2018 7:23:45 AM

 Analysis index: 41 Analysis started at: 3/7/2018 10:43:37 AM Rack: 1
 Analysis label: L1807567-01 2008TL User name: ALPHALAB\metals-instrument Vial: 20

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	76.874 %	91.898 %	0.016 ppb	36,632.133 ppb	14,521.643 ppb	3.403 ppb	1,545.381 ppb	46,708.637 ppb	77.916 %
Concentration per Run 1	77.468 %	92.111 %	0.015 ppb	33,863.048 ppb	13,320.291 ppb	3.161 ppb	1,422.465 ppb	42,281.782 ppb	77.825 %
Concentration per Run 2	76.814 %	92.621 %	0.012 ppb	37,606.027 ppb	14,902.810 ppb	2.518 ppb	1,602.439 ppb	48,339.152 ppb	77.995 %
Concentration per Run 3	76.339 %	90.963 %	0.020 ppb	38,427.324 ppb	15,341.827 ppb	4.530 ppb	1,611.240 ppb	49,504.979 ppb	77.928 %
Concentration RSD	0.7 %	0.9 %	23.7 %	6.6 %	7.3 %	30.2 %	6.9 %	8.3 %	0.1 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	89.389 %	63.398 ppb	0.087 ppb	0.807 ppb	115.935 ppb	813.854 ppb	0.300 ppb	5.129 ppb	61.120 ppb
Concentration per Run 1	89.060 %	55.244 ppb	0.073 ppb	0.831 ppb	107.137 ppb	732.139 ppb	0.251 ppb	4.558 ppb	57.384 ppb
Concentration per Run 2	89.083 %	66.659 ppb	0.115 ppb	0.764 ppb	119.823 ppb	851.569 ppb	0.324 ppb	5.375 ppb	64.107 ppb
Concentration per Run 3	90.023 %	68.291 ppb	0.072 ppb	0.825 ppb	120.846 ppb	857.853 ppb	0.327 ppb	5.453 ppb	61.869 ppb
Concentration RSD	0.6 %	11.2 %	28.6 %	4.6 %	6.6 %	8.7 %	14.3 %	9.7 %	5.6 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	69.260 ppb	84.679 %	0.138 ppb	0.101 ppb	103.778 ppb	0.341 ppb	85.356 %	0.018 ppb	0.017 ppb
Concentration per Run 1	64.374 ppb	84.140 %	0.134 ppb	0.013 ppb	95.734 ppb	0.350 ppb	87.260 %	0.008 ppb	0.035 ppb
Concentration per Run 2	71.645 ppb	84.589 %	0.148 ppb	0.080 ppb	107.545 ppb	0.273 ppb	84.060 %	0.017 ppb	0.019 ppb
Concentration per Run 3	71.760 ppb	85.308 %	0.133 ppb	0.210 ppb	108.056 ppb	0.400 ppb	84.748 %	0.029 ppb	-0.003 ppb
Concentration RSD	6.1 %	0.7 %	5.9 %	99.1 %	6.7 %	18.8 %	2.0 %	57.8 %	114.3 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	88.076 %	2.045 ppb	0.384 ppb	6.581 ppb	91.730 %	94.774 %	0.190 ppb	0.000 ppb	2.182 ppb
Concentration per Run 1	89.379 %	1.699 ppb	0.296 ppb	5.847 ppb	92.702 %	96.140 %	0.084 ppb	-0.001 ppb	2.034 ppb
Concentration per Run 2	88.196 %	2.186 ppb	0.382 ppb	6.673 ppb	91.280 %	94.176 %	0.255 ppb	0.003 ppb	2.239 ppb
Concentration per Run 3	86.653 %	2.249 ppb	0.473 ppb	7.225 ppb	91.207 %	94.007 %	0.232 ppb	-0.001 ppb	2.272 ppb
Concentration RSD	1.6 %	14.7 %	23.1 %	10.5 %	0.9 %	1.3 %	48.9 %	1,029.3 %	5.9 %

Category	209Bi (KED AGD)
Concentration average	90.349 %
Concentration per Run 1	89.528 %
Concentration per Run 2	91.027 %
Concentration per Run 3	90.493 %
Concentration RSD	0.8 %

3/8/2018 7:23:45 AM

 Analysis index: 42 Analysis started at: 3/7/2018 10:47:29 AM Rack: 0
 Analysis label: CCV User name: ALPHALAB\metals-instrument Vial: 9

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	80.350 %	95.981 %	109.514 ppb	10,328.869 ppb	10,284.727 ppb	103.505 ppb	9,466.582 ppb	9,854.692 ppb	86.539 %
Concentration per Run 1	80.104 %	99.001 %	108.836 ppb	9,671.281 ppb	9,617.876 ppb	98.155 ppb	8,429.032 ppb	8,380.580 ppb	86.753 %
Concentration per Run 2	79.517 %	94.408 %	110.316 ppb	10,516.933 ppb	10,584.251 ppb	102.687 ppb	9,899.258 ppb	10,333.374 ppb	85.937 %
Concentration per Run 3	81.430 %	94.535 %	109.391 ppb	10,798.392 ppb	10,652.053 ppb	109.672 ppb	10,071.454 ppb	10,850.122 ppb	86.926 %
Recovery Percentage 1			109.514 %	103.289 %	102.847 %	103.505 %	94.666 %	98.547 %	
Concentration RSD	1.2 %	2.7 %	0.7 %	5.7 %	5.6 %	5.6 %	9.5 %	13.2 %	0.6 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	100.352 %	95.962 ppb	104.465 ppb	106.493 ppb	103.446 ppb	10,411.614 ppb	103.768 ppb	101.619 ppb	100.080 ppb
Concentration per Run 1	93.758 %	81.613 ppb	98.312 ppb	98.512 ppb	96.141 ppb	9,659.034 ppb	96.617 ppb	92.913 ppb	91.773 ppb
Concentration per Run 2	104.025 %	103.236 ppb	105.421 ppb	109.896 ppb	107.142 ppb	10,589.272 ppb	105.835 ppb	103.903 ppb	104.172 ppb
Concentration per Run 3	103.274 %	103.036 ppb	109.662 ppb	111.071 ppb	107.056 ppb	10,986.535 ppb	108.851 ppb	108.042 ppb	104.296 ppb
Recovery Percentage 1		95.962 %	104.465 %	106.493 %	103.446 %	104.116 %	103.768 %	101.619 %	100.080 %
Concentration RSD	5.7 %	12.9 %	5.5 %	6.5 %	6.1 %	6.5 %	6.1 %	7.7 %	7.2 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	99.932 ppb	88.815 %	98.721 ppb	103.785 ppb	101.398 ppb	103.811 ppb	87.609 %	101.213 ppb	100.675 ppb
Concentration per Run 1	93.292 ppb	88.497 %	89.407 ppb	93.182 ppb	91.689 ppb	91.603 ppb	88.104 %	93.917 ppb	90.921 ppb
Concentration per Run 2	103.107 ppb	89.129 %	102.633 ppb	108.007 ppb	105.161 ppb	107.039 ppb	87.703 %	103.652 ppb	105.157 ppb
Concentration per Run 3	103.398 ppb	88.818 %	104.123 ppb	110.167 ppb	107.344 ppb	112.792 ppb	87.021 %	106.071 ppb	105.947 ppb
Recovery Percentage 1	99.932 %		98.721 %	103.785 %	101.398 %	103.811 %		101.213 %	100.675 %
Concentration RSD	5.8 %	0.4 %	8.2 %	8.9 %	8.4 %	10.6 %	0.6 %	6.4 %	8.4 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	89.795 %	96.244 ppb	100.021 ppb	103.495 ppb	93.326 %	97.011 %	98.483 ppb	98.949 ppb	97.588 ppb
Concentration per Run 1	90.085 %	85.688 ppb	89.201 ppb	91.024 ppb	93.459 %	97.139 %	88.033 ppb	91.054 ppb	88.658 ppb
Concentration per Run 2	90.288 %	97.288 ppb	101.890 ppb	108.781 ppb	92.744 %	96.586 %	102.276 ppb	102.635 ppb	100.641 ppb
Concentration per Run 3	89.012 %	105.756 ppb	108.972 ppb	110.681 ppb	93.774 %	97.310 %	105.139 ppb	103.158 ppb	103.463 ppb
Recovery Percentage 1		96.244 %	100.021 %	103.495 %			98.483 %	98.949 %	97.588 %
Concentration RSD	0.8 %	10.5 %	10.0 %	10.5 %	0.6 %	0.4 %	9.3 %	6.9 %	8.1 %

Category	209Bi (KED AGD)
Concentration average	93.376 %
Concentration per Run 1	93.950 %
Concentration per Run 2	92.637 %
Concentration per Run 3	93.539 %
Recovery Percentage 1	
Concentration RSD	0.7 %

3/8/2018 7:23:45 AM

 Analysis index: 43 Analysis started at: 3/7/2018 10:51:24 AM Rack: 0
 Analysis label: CCB User name: ALPHALAB\metals-instrument Vial: 10

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	79.270 %	91.005 %	0.013 ppb	57.641 ppb	0.103 ppb	-0.111 ppb	9.526 ppb	-6.586 ppb	74.300 %
Concentration per Run 1	78.792 %	91.537 %	0.016 ppb	34.891 ppb	1.162 ppb	-0.374 ppb	15.997 ppb	0.125 ppb	74.359 %
Concentration per Run 2	79.977 %	87.710 %	0.010 ppb	82.885 ppb	-0.115 ppb	-0.615 ppb	7.099 ppb	-9.954 ppb	74.807 %
Concentration per Run 3	79.040 %	93.770 %	0.013 ppb	55.147 ppb	-0.738 ppb	0.657 ppb	5.482 ppb	-9.930 ppb	73.732 %
Recovery Percentage 1			2.586 %	57.641 %	0.103 %	-1.106 %	9.526 %	-6.586 %	
Concentration RSD	0.8 %	3.4 %	20.2 %	41.8 %	936.2 %	610.8 %	59.4 %	88.3 %	0.7 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	85.811 %	0.004 ppb	0.003 ppb	0.112 ppb	-0.015 ppb	29.708 ppb	0.012 ppb	-0.029 ppb	0.083 ppb
Concentration per Run 1	82.062 %	-0.065 ppb	0.033 ppb	0.158 ppb	0.040 ppb	23.884 ppb	0.003 ppb	-0.156 ppb	0.062 ppb
Concentration per Run 2	89.647 %	0.178 ppb	-0.012 ppb	0.037 ppb	-0.028 ppb	30.555 ppb	0.036 ppb	0.075 ppb	0.044 ppb
Concentration per Run 3	85.724 %	-0.103 ppb	-0.012 ppb	0.140 ppb	-0.058 ppb	34.685 ppb	-0.004 ppb	-0.006 ppb	0.144 ppb
Recovery Percentage 1		0.705 %	0.054 %	11.188 %	-1.526 %	59.416 %	2.358 %	-1.449 %	8.327 %
Concentration RSD	4.4 %	4,312.8 %	980.3 %	58.3 %	330.2 %	18.3 %	181.3 %	403.2 %	63.8 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	-0.018 ppb	84.725 %	0.051 ppb	0.277 ppb	0.026 ppb	0.427 ppb	87.247 %	0.049 ppb	-0.005 ppb
Concentration per Run 1	-0.031 ppb	84.578 %	0.051 ppb	0.407 ppb	0.019 ppb	0.230 ppb	90.256 %	0.043 ppb	-0.008 ppb
Concentration per Run 2	0.010 ppb	84.365 %	0.051 ppb	0.280 ppb	0.038 ppb	0.513 ppb	85.681 %	0.056 ppb	0.001 ppb
Concentration per Run 3	-0.031 ppb	85.233 %	0.051 ppb	0.144 ppb	0.022 ppb	0.539 ppb	85.804 %	0.048 ppb	-0.008 ppb
Recovery Percentage 1	-0.176 %		10.193 %	5.539 %	5.254 %	21.359 %		12.312 %	-2.367 %
Concentration RSD	133.3 %	0.5 %	0.5 %	47.7 %	38.4 %	40.2 %	3.0 %	13.3 %	107.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	87.636 %	4.665 ppb	2.167 ppb	0.013 ppb	90.569 %	93.542 %	0.889 ppb	0.026 ppb	0.020 ppb
Concentration per Run 1	88.572 %	4.089 ppb	2.132 ppb	-0.019 ppb	92.736 %	96.053 %	0.759 ppb	0.026 ppb	0.017 ppb
Concentration per Run 2	86.883 %	5.089 ppb	2.132 ppb	0.029 ppb	88.705 %	92.246 %	0.969 ppb	0.023 ppb	0.022 ppb
Concentration per Run 3	87.452 %	4.817 ppb	2.236 ppb	0.028 ppb	90.265 %	92.327 %	0.938 ppb	0.028 ppb	0.020 ppb
Recovery Percentage 1		155.504 %	54.164 %	2.562 %			44.444 %	5.176 %	3.945 %
Concentration RSD	1.0 %	11.1 %	2.8 %	214.8 %	2.2 %	2.3 %	12.8 %	9.8 %	12.9 %

Category	209Bi (KED AGD)
Concentration average	92.012 %
Concentration per Run 1	91.803 %
Concentration per Run 2	93.726 %
Concentration per Run 3	90.507 %
Recovery Percentage 1	
Concentration RSD	1.8 %

3/8/2018 7:23:45 AM

 Analysis index: 44 Analysis started at: 3/7/2018 10:55:54 AM Rack: 1
 Analysis label: WG1094930-1 2008TL User name: ALPHALAB\metals-instrument Vial: 22

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	78.015 %	90.261 %	0.010 ppb	82.670 ppb	1.352 ppb	1.598 ppb	25.717 ppb	21.388 ppb	71.688 %
Concentration per Run 1	66.593 %	94.344 %	0.015 ppb	72.367 ppb	1.119 ppb	0.898 ppb	19.678 ppb	18.800 ppb	61.095 %
Concentration per Run 2	82.801 %	87.773 %	0.009 ppb	65.197 ppb	1.137 ppb	2.188 ppb	30.239 ppb	16.100 ppb	75.064 %
Concentration per Run 3	84.652 %	88.666 %	0.004 ppb	110.444 ppb	1.800 ppb	1.708 ppb	27.234 ppb	29.263 ppb	78.906 %
Concentration RSD	12.7 %	3.9 %	58.2 %	29.4 %	28.7 %	40.8 %	21.2 %	32.5 %	13.1 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	85.771 %	0.031 ppb	0.024 ppb	1.236 ppb	0.333 ppb	21.730 ppb	0.008 ppb	-0.377 ppb	0.047 ppb
Concentration per Run 1	83.211 %	-0.226 ppb	0.032 ppb	1.060 ppb	0.328 ppb	23.624 ppb	0.010 ppb	-0.368 ppb	0.033 ppb
Concentration per Run 2	88.989 %	0.438 ppb	0.009 ppb	1.133 ppb	0.217 ppb	18.641 ppb	0.003 ppb	-0.351 ppb	0.001 ppb
Concentration per Run 3	85.113 %	-0.119 ppb	0.032 ppb	1.515 ppb	0.454 ppb	22.925 ppb	0.010 ppb	-0.413 ppb	0.107 ppb
Concentration RSD	3.4 %	1,142.4 %	55.3 %	19.8 %	35.5 %	12.4 %	54.6 %	8.5 %	115.7 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.091 ppb	84.135 %	0.028 ppb	0.146 ppb	0.035 ppb	0.174 ppb	85.230 %	0.040 ppb	0.022 ppb
Concentration per Run 1	0.053 ppb	84.993 %	0.010 ppb	0.143 ppb	0.074 ppb	0.136 ppb	87.666 %	0.046 ppb	0.010 ppb
Concentration per Run 2	0.111 ppb	85.053 %	0.065 ppb	0.278 ppb	0.047 ppb	0.172 ppb	83.543 %	0.040 ppb	0.024 ppb
Concentration per Run 3	0.107 ppb	82.359 %	0.010 ppb	0.018 ppb	-0.015 ppb	0.215 ppb	84.480 %	0.034 ppb	0.033 ppb
Concentration RSD	35.9 %	1.8 %	112.0 %	88.9 %	128.9 %	22.7 %	2.5 %	15.0 %	52.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	85.803 %	2.889 ppb	0.709 ppb	-0.010 ppb	88.954 %	93.906 %	0.201 ppb	0.006 ppb	0.066 ppb
Concentration per Run 1	87.948 %	2.481 ppb	0.572 ppb	-0.042 ppb	90.018 %	96.509 %	0.130 ppb	0.004 ppb	0.052 ppb
Concentration per Run 2	84.498 %	2.838 ppb	0.755 ppb	0.055 ppb	87.279 %	91.207 %	0.228 ppb	0.009 ppb	0.071 ppb
Concentration per Run 3	84.964 %	3.347 ppb	0.800 ppb	-0.042 ppb	89.564 %	94.002 %	0.245 ppb	0.005 ppb	0.075 ppb
Concentration RSD	2.2 %	15.1 %	17.0 %	580.5 %	1.7 %	2.8 %	30.8 %	37.7 %	18.1 %

Category	209Bi (KED AGD)
Concentration average	92.831 %
Concentration per Run 1	95.114 %
Concentration per Run 2	92.331 %
Concentration per Run 3	91.049 %
Concentration RSD	2.2 %

3/8/2018 7:23:45 AM

 Analysis index: 45 Analysis started at: 3/7/2018 10:59:47 AM Rack: 1
 Analysis label: WG1094930-2D5 2008TL User name: ALPHALAB/metals-instrument Vial: 23

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	80.247 %	95.832 %	11.385 ppb	2,350.990 ppb	2,368.753 ppb	483.949 ppb	1,985.824 ppb	1,780.161 ppb	79.118 %
Concentration per Run 1	79.988 %	98.044 %	11.192 ppb	2,185.915 ppb	2,177.116 ppb	454.957 ppb	1,883.891 ppb	1,552.627 ppb	79.139 %
Concentration per Run 2	80.438 %	98.044 %	11.586 ppb	2,356.994 ppb	2,415.911 ppb	490.970 ppb	1,935.579 ppb	1,702.343 ppb	79.598 %
Concentration per Run 3	80.314 %	91.409 %	11.376 ppb	2,510.061 ppb	2,513.233 ppb	505.921 ppb	2,138.002 ppb	2,085.512 ppb	78.616 %
Concentration RSD	0.3 %	4.0 %	1.7 %	6.9 %	7.3 %	5.4 %	6.8 %	15.4 %	0.6 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	89.177 %	175.146 ppb	121.152 ppb	48.009 ppb	119.263 ppb	243.423 ppb	113.018 ppb	111.714 ppb	54.531 ppb
Concentration per Run 1	86.100 %	155.703 ppb	113.529 ppb	45.427 ppb	113.735 ppb	244.128 ppb	102.227 ppb	103.189 ppb	49.924 ppb
Concentration per Run 2	90.939 %	178.486 ppb	123.276 ppb	49.137 ppb	119.772 ppb	234.240 ppb	115.651 ppb	114.158 ppb	55.931 ppb
Concentration per Run 3	90.493 %	191.249 ppb	126.652 ppb	49.464 ppb	124.281 ppb	251.900 ppb	121.177 ppb	117.796 ppb	57.737 ppb
Concentration RSD	3.0 %	10.3 %	5.6 %	4.7 %	4.4 %	3.6 %	8.6 %	6.8 %	7.5 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	112.043 ppb	86.641 %	26.046 ppb	28.521 ppb	209.459 ppb	207.460 ppb	87.710 %	11.010 ppb	11.494 ppb
Concentration per Run 1	101.774 ppb	88.258 %	23.704 ppb	24.001 ppb	183.803 ppb	181.056 ppb	88.715 %	9.917 ppb	10.218 ppb
Concentration per Run 2	114.804 ppb	87.233 %	26.977 ppb	30.245 ppb	218.354 ppb	220.188 ppb	87.286 %	11.366 ppb	11.988 ppb
Concentration per Run 3	119.552 ppb	84.432 %	27.456 ppb	31.318 ppb	226.221 ppb	221.135 ppb	87.129 %	11.747 ppb	12.277 ppb
Concentration RSD	8.2 %	2.3 %	7.8 %	13.9 %	10.8 %	11.0 %	1.0 %	8.8 %	9.7 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	88.401 %	195.026 ppb	124.538 ppb	433.789 ppb	91.952 %	96.275 %	0.263 ppb	24.932 ppb	107.533 ppb
Concentration per Run 1	88.868 %	171.013 ppb	110.296 ppb	381.699 ppb	92.384 %	96.465 %	0.130 ppb	23.075 ppb	98.015 ppb
Concentration per Run 2	87.340 %	202.246 ppb	130.539 ppb	454.659 ppb	90.494 %	95.526 %	0.407 ppb	25.701 ppb	111.906 ppb
Concentration per Run 3	88.994 %	211.818 ppb	132.780 ppb	465.010 ppb	92.976 %	96.835 %	0.252 ppb	26.020 ppb	112.677 ppb
Concentration RSD	1.0 %	10.9 %	9.9 %	10.5 %	1.4 %	0.7 %	52.7 %	6.5 %	7.7 %

Category	209Bi (KED AGD)
Concentration average	94.435 %
Concentration per Run 1	94.921 %
Concentration per Run 2	93.094 %
Concentration per Run 3	95.291 %
Concentration RSD	1.2 %

3/8/2018 7:23:45 AM

 Analysis index: 46 Analysis started at: 3/7/2018 11:03:41 AM Rack: 1
 Analysis label: WG1094930-3D10 2008TL User name: ALPHALAB\metals-instrument Vial: 24

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	78.939 %	93.111 %	5.644 ppb	101,353.320 ppb	1,497.551 ppb	242.353 ppb	3,141.061 ppb	5,132.134 ppb	76.854 %
Concentration per Run 1	79.516 %	92.622 %	5.693 ppb	89,948.998 ppb	1,294.130 ppb	215.679 ppb	2,871.458 ppb	4,550.913 ppb	76.808 %
Concentration per Run 2	78.900 %	97.597 %	5.638 ppb	104,003.320 ppb	1,518.826 ppb	246.502 ppb	3,204.242 ppb	5,271.390 ppb	76.767 %
Concentration per Run 3	78.401 %	89.113 %	5.601 ppb	110,107.641 ppb	1,679.695 ppb	264.878 ppb	3,347.483 ppb	5,574.100 ppb	76.986 %
Concentration RSD	0.7 %	4.6 %	0.8 %	10.2 %	12.9 %	10.3 %	7.8 %	10.2 %	0.2 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	88.325 %	92.434 ppb	57.500 ppb	85.256 ppb	59.505 ppb	236.096 ppb	58.760 ppb	80.184 ppb	37.149 ppb
Concentration per Run 1	87.513 %	80.394 ppb	49.196 ppb	73.580 ppb	49.284 ppb	206.607 ppb	50.888 ppb	67.660 ppb	32.721 ppb
Concentration per Run 2	90.610 %	91.600 ppb	60.471 ppb	89.184 ppb	63.613 ppb	244.021 ppb	62.199 ppb	87.604 ppb	39.036 ppb
Concentration per Run 3	86.852 %	105.309 ppb	62.832 ppb	93.003 ppb	65.617 ppb	257.661 ppb	63.193 ppb	85.289 ppb	39.690 ppb
Concentration RSD	2.3 %	13.5 %	12.7 %	12.1 %	15.0 %	11.2 %	11.6 %	13.6 %	10.4 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	97.245 ppb	83.642 %	13.106 ppb	14.035 ppb	128.364 ppb	97.684 ppb	83.418 %	5.464 ppb	47.245 ppb
Concentration per Run 1	83.358 ppb	85.087 %	10.919 ppb	12.539 ppb	108.429 ppb	81.035 ppb	87.960 %	4.856 ppb	40.941 ppb
Concentration per Run 2	104.712 ppb	83.666 %	14.156 ppb	14.382 ppb	137.514 ppb	102.287 ppb	82.977 %	5.623 ppb	48.999 ppb
Concentration per Run 3	103.666 ppb	82.172 %	14.242 ppb	15.184 ppb	139.148 ppb	109.729 ppb	79.316 %	5.914 ppb	51.794 ppb
Concentration RSD	12.4 %	1.7 %	14.5 %	9.7 %	13.5 %	15.2 %	5.2 %	10.0 %	11.9 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	83.043 %	101.508 ppb	68.800 ppb	215.307 ppb	85.574 %	93.506 %	0.193 ppb	11.676 ppb	51.987 ppb
Concentration per Run 1	86.123 %	86.453 ppb	56.722 ppb	178.822 ppb	87.961 %	96.512 %	0.059 ppb	10.116 ppb	44.489 ppb
Concentration per Run 2	84.933 %	104.737 ppb	73.005 ppb	232.432 ppb	85.906 %	92.837 %	0.175 ppb	12.191 ppb	54.388 ppb
Concentration per Run 3	78.072 %	113.334 ppb	76.674 ppb	234.666 ppb	82.854 %	91.170 %	0.344 ppb	12.721 ppb	57.084 ppb
Concentration RSD	5.2 %	13.5 %	15.4 %	14.7 %	3.0 %	2.9 %	74.5 %	11.8 %	12.8 %

Category	209Bi (KED AGD)
Concentration average	87.596 %
Concentration per Run 1	88.299 %
Concentration per Run 2	90.314 %
Concentration per Run 3	84.175 %
Concentration RSD	3.6 %

3/8/2018 7:23:45 AM

 Analysis index: 47 Analysis started at: 3/7/2018 11:07:34 AM Rack: 1
 Analysis label: WG1094930-4 2008TL User name: ALPHALAB\metals-instrument Vial: 25

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	69.502 %	83.712 %	0.013 ppb	972.168.408 ppb	3,594.198 ppb	53.622 ppb	22,035.477 ppb	44,618.998 ppb	75.122 %
Concentration per Run 1	71.531 %	82.287 %	0.010 ppb	972,168.408 ppb	3,135.412 ppb	49.863 ppb	19,565.533 ppb	39,338.338 ppb	75.270 %
Concentration per Run 2	71.497 %	86.816 %	0.013 ppb	1,062,191.699 ppb	3,732.021 ppb	54.801 ppb	22,645.035 ppb	45,782.756 ppb	75.691 %
Concentration per Run 3	65.478 %	82.032 %	0.015 ppb	1,112,558.028 ppb	3,915.161 ppb	56.202 ppb	23,895.861 ppb	48,735.900 ppb	74.406 %
Concentration RSD	5.0 %	3.2 %	21.9 %	6.8 %	11.3 %	6.2 %	10.1 %	10.8 %	0.9 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	85.670 %	62.768 ppb	1.266 ppb	625.853 ppb	23.255 ppb	1,085.126 ppb	48.272 ppb	244.792 ppb	98.665 ppb
Concentration per Run 1	80.346 %	56.732 ppb	1.173 ppb	588.804 ppb	21.469 ppb	1,033.833 ppb	45.528 ppb	234.200 ppb	94.999 ppb
Concentration per Run 2	90.281 %	66.423 ppb	1.202 ppb	631.653 ppb	23.345 ppb	1,106.283 ppb	49.315 ppb	245.679 ppb	99.469 ppb
Concentration per Run 3	86.382 %	65.150 ppb	1.422 ppb	657.102 ppb	24.952 ppb	1,115.262 ppb	49.972 ppb	254.498 ppb	101.526 ppb
Concentration RSD	5.8 %	8.4 %	10.8 %	5.5 %	7.5 %	4.1 %	5.0 %	4.2 %	3.4 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	335.745 ppb	77.869 %	3.183 ppb	0.520 ppb	252.276 ppb	12.236 ppb	70.370 %	3.688 ppb	395.817 ppb
Concentration per Run 1	319.950 ppb	74.502 %	3.208 ppb	0.424 ppb	227.708 ppb	11.524 ppb	69.211 %	3.555 ppb	366.981 ppb
Concentration per Run 2	342.097 ppb	79.380 %	3.265 ppb	0.390 ppb	262.707 ppb	12.345 ppb	70.856 %	3.746 ppb	411.184 ppb
Concentration per Run 3	345.188 ppb	79.724 %	3.075 ppb	0.746 ppb	266.413 ppb	12.840 ppb	71.043 %	3.764 ppb	409.287 ppb
Concentration RSD	4.1 %	3.8 %	3.1 %	37.8 %	8.5 %	5.4 %	1.4 %	3.1 %	6.3 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	60.778 %	15.261 ppb	22.381 ppb	16.618 ppb	70.804 %	88.482 %	0.925 ppb	0.078 ppb	0.836 ppb
Concentration per Run 1	59.220 %	14.697 ppb	20.443 ppb	14.849 ppb	68.325 %	85.934 %	0.965 ppb	0.073 ppb	0.759 ppb
Concentration per Run 2	61.709 %	15.856 ppb	23.019 ppb	17.752 ppb	72.590 %	89.473 %	0.905 ppb	0.078 ppb	0.895 ppb
Concentration per Run 3	61.405 %	15.231 ppb	23.682 ppb	17.251 ppb	71.496 %	90.040 %	0.905 ppb	0.083 ppb	0.854 ppb
Concentration RSD	2.2 %	3.8 %	7.6 %	9.3 %	3.1 %	2.5 %	3.7 %	6.5 %	8.3 %

Category	209Bi (KED AGD)
Concentration average	72.236 %
Concentration per Run 1	70.533 %
Concentration per Run 2	72.448 %
Concentration per Run 3	73.728 %
Concentration RSD	2.2 %

3/8/2018 7:23:45 AM

 Analysis index: 48 Analysis started at: 3/7/2018 11:11:25 AM Rack: 1
 Analysis label: L1807334-02 2008TL User name: ALPHALAB\metals-instrument Vial: 26

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	72.668 %	88.518 %	0.016 ppb	966,624.374 ppb	3,892.719 ppb	63.302 ppb	21,332.147 ppb	43,887.292 ppb	78.493 %
Concentration per Run 1	73.634 %	89.942 %	0.013 ppb	966,624.374 ppb	3,582.075 ppb	56.020 ppb	19,758.729 ppb	39,596.678 ppb	79.536 %
Concentration per Run 2	72.830 %	86.370 %	0.014 ppb	1,066,802.756 ppb	4,054.605 ppb	65.125 ppb	21,634.892 ppb	45,145.142 ppb	78.488 %
Concentration per Run 3	71.540 %	89.240 %	0.022 ppb	1,066,212.457 ppb	4,041.475 ppb	68.759 ppb	22,602.821 ppb	46,920.055 ppb	77.454 %
Concentration RSD	1.5 %	2.1 %	30.3 %	5.6 %	6.9 %	10.4 %	6.8 %	8.7 %	1.3 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	86.445 %	61.654 ppb	1.220 ppb	634.923 ppb	25.116 ppb	1,156.158 ppb	49.441 ppb	251.298 ppb	102.905 ppb
Concentration per Run 1	84.103 %	56.903 ppb	0.816 ppb	585.325 ppb	23.482 ppb	1,065.162 ppb	46.320 ppb	228.826 ppb	92.692 ppb
Concentration per Run 2	84.245 %	64.414 ppb	1.426 ppb	674.677 ppb	26.976 ppb	1,256.762 ppb	53.357 ppb	269.378 ppb	110.890 ppb
Concentration per Run 3	90.986 %	63.645 ppb	1.419 ppb	644.766 ppb	24.891 ppb	1,146.551 ppb	48.647 ppb	255.690 ppb	105.132 ppb
Concentration RSD	4.6 %	6.7 %	28.7 %	7.2 %	7.0 %	8.3 %	7.3 %	8.2 %	9.0 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	342.386 ppb	79.589 %	3.352 ppb	0.939 ppb	254.562 ppb	10.804 ppb	71.839 %	3.576 ppb	393.379 ppb
Concentration per Run 1	311.688 ppb	82.714 %	2.780 ppb	0.851 ppb	230.619 ppb	9.822 ppb	73.502 %	3.255 ppb	362.867 ppb
Concentration per Run 2	367.184 ppb	74.187 %	3.553 ppb	0.965 ppb	265.653 ppb	11.228 ppb	68.740 %	3.709 ppb	413.833 ppb
Concentration per Run 3	348.285 ppb	81.865 %	3.722 ppb	1.001 ppb	267.415 ppb	11.363 ppb	73.275 %	3.765 ppb	403.437 ppb
Concentration RSD	8.2 %	5.9 %	15.0 %	8.3 %	8.2 %	7.9 %	3.7 %	7.8 %	6.8 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	61.659 %	6.449 ppb	22.027 ppb	20.365 ppb	70.381 %	87.019 %	0.842 ppb	0.073 ppb	0.959 ppb
Concentration per Run 1	63.335 %	6.059 ppb	20.301 ppb	18.242 ppb	71.687 %	89.786 %	0.724 ppb	0.071 ppb	0.879 ppb
Concentration per Run 2	58.133 %	6.670 ppb	23.352 ppb	21.721 ppb	67.143 %	82.105 %	0.871 ppb	0.073 ppb	0.988 ppb
Concentration per Run 3	63.511 %	6.619 ppb	22.427 ppb	21.133 ppb	72.312 %	89.167 %	0.931 ppb	0.077 ppb	1.009 ppb
Concentration RSD	5.0 %	5.3 %	7.1 %	9.1 %	4.0 %	4.9 %	12.7 %	3.9 %	7.3 %

Category	209Bi (KED AGD)
Concentration average	72.011 %
Concentration per Run 1	73.783 %
Concentration per Run 2	70.019 %
Concentration per Run 3	72.231 %
Concentration RSD	2.6 %

3/8/2018 7:23:45 AM

 Analysis index: 49 Analysis started at: 3/7/2018 11:15:16 AM Rack: 1
 Analysis label: L1807597-08 6020TL User name: ALPHALAB\metals-instrument Vial: 32

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	77.393 %	95.173 %	0.006 ppb	235.786 ppb	0.472 ppb	2.037 ppb	32.985 ppb	17.945 ppb	80.581 %
Concentration per Run 1	77.153 %	97.789 %	0.009 ppb	259.689 ppb	0.458 ppb	2.279 ppb	19.397 ppb	13.335 ppb	79.864 %
Concentration per Run 2	77.816 %	96.258 %	0.005 ppb	226.894 ppb	-0.151 ppb	1.680 ppb	41.186 ppb	20.875 ppb	81.234 %
Concentration per Run 3	77.209 %	91.473 %	0.004 ppb	220.774 ppb	1.110 ppb	2.152 ppb	38.372 ppb	19.626 ppb	80.646 %
Concentration RSD	0.5 %	3.5 %	50.3 %	8.9 %	133.6 %	15.5 %	35.9 %	22.5 %	0.9 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	88.411 %	-0.146 ppb	0.002 ppb	0.317 ppb	0.186 ppb	13.582 ppb	0.009 ppb	-0.388 ppb	16.464 ppb
Concentration per Run 1	86.030 %	-0.260 ppb	0.009 ppb	0.356 ppb	0.068 ppb	13.007 ppb	-0.004 ppb	-0.393 ppb	14.484 ppb
Concentration per Run 2	91.715 %	-0.050 ppb	-0.012 ppb	0.237 ppb	0.356 ppb	8.984 ppb	0.022 ppb	-0.358 ppb	16.729 ppb
Concentration per Run 3	87.489 %	-0.127 ppb	0.009 ppb	0.357 ppb	0.133 ppb	18.756 ppb	0.010 ppb	-0.412 ppb	18.180 ppb
Concentration RSD	3.3 %	72.9 %	596.4 %	21.8 %	81.4 %	36.2 %	137.9 %	7.1 %	11.3 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	9.177 ppb	83.942 %	0.015 ppb	0.105 ppb	0.057 ppb	0.184 ppb	85.315 %	0.005 ppb	0.031 ppb
Concentration per Run 1	8.308 ppb	84.425 %	0.024 ppb	0.079 ppb	0.037 ppb	0.152 ppb	86.856 %	0.013 ppb	0.023 ppb
Concentration per Run 2	9.310 ppb	88.167 %	0.009 ppb	0.070 ppb	0.009 ppb	0.196 ppb	84.995 %	0.003 ppb	0.028 ppb
Concentration per Run 3	9.912 ppb	79.233 %	0.011 ppb	0.166 ppb	0.100 ppb	0.204 ppb	84.094 %	-0.001 ppb	0.042 ppb
Concentration RSD	8.8 %	5.3 %	54.3 %	50.3 %	64.1 %	15.2 %	1.7 %	133.0 %	31.8 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	84.903 %	3.524 ppb	0.486 ppb	-0.018 ppb	87.412 %	90.628 %	0.142 ppb	-0.001 ppb	0.932 ppb
Concentration per Run 1	86.655 %	2.965 ppb	0.411 ppb	-0.042 ppb	88.212 %	91.754 %	0.081 ppb	-0.001 ppb	0.814 ppb
Concentration per Run 2	84.315 %	3.878 ppb	0.498 ppb	-0.017 ppb	85.091 %	87.898 %	0.165 ppb	0.001 ppb	0.989 ppb
Concentration per Run 3	83.740 %	3.728 ppb	0.548 ppb	0.006 ppb	88.932 %	92.232 %	0.181 ppb	-0.002 ppb	0.992 ppb
Concentration RSD	1.8 %	13.9 %	14.2 %	136.3 %	2.3 %	2.6 %	37.7 %	256.3 %	11.0 %

Category	209Bi (KED AGD)
Concentration average	87.258 %
Concentration per Run 1	89.432 %
Concentration per Run 2	83.199 %
Concentration per Run 3	89.144 %
Concentration RSD	4.0 %

3/8/2018 7:23:45 AM

 Analysis index: 50 Analysis started at: 3/7/2018 11:19:08 AM Rack: 1
 Analysis label: L1807332-01 2008TL User name: ALPHALAB\metals-instrument Vial: 27

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	73.726 %	88.900 %	0.286 ppb	188,409.929 ppb	24,723.323 ppb	4,973.506 ppb	19,197.781 ppb	58,835.260 ppb	80.588 %
Concentration per Run 1	74.522 %	95.875 %	0.260 ppb	174,022.609 ppb	22,039.385 ppb	4,521.567 ppb	16,809.186 ppb	49,797.813 ppb	80.960 %
Concentration per Run 2	73.318 %	89.432 %	0.287 ppb	192,964.533 ppb	25,547.823 ppb	5,079.029 ppb	20,044.585 ppb	61,306.257 ppb	80.320 %
Concentration per Run 3	73.337 %	81.394 %	0.312 ppb	198,242.647 ppb	26,582.761 ppb	5,319.923 ppb	20,739.571 ppb	65,401.710 ppb	80.485 %
Concentration RSD	0.9 %	8.2 %	9.2 %	6.8 %	9.6 %	8.2 %	10.9 %	13.8 %	0.4 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	85.960 %	236.827 ppb	7.944 ppb	7.144 ppb	507.043 ppb	8,219.065 ppb	2.774 ppb	13.162 ppb	191.197 ppb
Concentration per Run 1	84.855 %	200.662 ppb	6.994 ppb	6.617 ppb	467.946 ppb	7,505.151 ppb	2.600 ppb	11.943 ppb	174.124 ppb
Concentration per Run 2	89.083 %	244.622 ppb	8.043 ppb	7.222 ppb	527.102 ppb	8,616.624 ppb	2.764 ppb	13.686 ppb	196.590 ppb
Concentration per Run 3	83.941 %	265.198 ppb	8.795 ppb	7.591 ppb	526.083 ppb	8,535.421 ppb	2.957 ppb	13.858 ppb	202.875 ppb
Concentration RSD	3.2 %	13.9 %	11.4 %	6.9 %	6.7 %	7.5 %	6.4 %	8.0 %	7.9 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	296.663 ppb	80.569 %	31.107 ppb	8.177 ppb	300.456 ppb	8.546 ppb	78.316 %	2.405 ppb	6.094 ppb
Concentration per Run 1	272.266 ppb	82.363 %	28.174 ppb	7.079 ppb	270.086 ppb	7.479 ppb	81.397 %	2.189 ppb	5.289 ppb
Concentration per Run 2	307.800 ppb	80.605 %	33.389 ppb	9.569 ppb	322.199 ppb	9.277 ppb	78.459 %	2.524 ppb	6.713 ppb
Concentration per Run 3	309.923 ppb	78.738 %	31.759 ppb	7.882 ppb	309.085 ppb	8.881 ppb	75.093 %	2.503 ppb	6.280 ppb
Concentration RSD	7.1 %	2.2 %	8.6 %	15.5 %	9.0 %	11.1 %	4.0 %	7.8 %	12.0 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	78.649 %	6.504 ppb	2.875 ppb	236.436 ppb	81.239 %	86.808 %	4.310 ppb	0.203 ppb	14.535 ppb
Concentration per Run 1	82.485 %	5.670 ppb	2.480 ppb	210.550 ppb	83.813 %	89.348 %	3.642 ppb	0.180 ppb	13.333 ppb
Concentration per Run 2	79.320 %	6.828 ppb	2.950 ppb	248.295 ppb	82.990 %	89.928 %	4.464 ppb	0.214 ppb	14.999 ppb
Concentration per Run 3	74.142 %	7.013 ppb	3.196 ppb	250.462 ppb	76.913 %	81.148 %	4.825 ppb	0.215 ppb	15.273 ppb
Concentration RSD	5.4 %	11.2 %	12.7 %	9.5 %	4.6 %	5.7 %	14.1 %	9.8 %	7.2 %

Category	209Bi (KED AGD)
Concentration average	104.069 %
Concentration per Run 1	104.226 %
Concentration per Run 2	107.048 %
Concentration per Run 3	100.934 %
Concentration RSD	2.9 %

3/8/2018 7:23:45 AM

 Analysis index: 51 Analysis started at: 3/7/2018 11:22:59 AM Rack: 1
 Analysis label: L1807332-02 2008TL User name: ALPHALAB\metals-instrument Vial: 28

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	70.729 %	90.750 %	2.597 ppb	572,451.675 ppb	45,719.705 ppb	52,574.359 ppb	40,346.592 ppb	173,750.793 ppb	79.823 %
Concentration per Run 1	71.013 %	89.368 %	2.608 ppb	572,451.675 ppb	43,658.329 ppb	50,208.001 ppb	38,610.661 ppb	160,812.832 ppb	79.436 %
Concentration per Run 2	70.333 %	89.942 %	2.569 ppb	602,144.829 ppb	46,467.637 ppb	53,548.928 ppb	41,381.409 ppb	180,832.294 ppb	80.114 %
Concentration per Run 3	70.841 %	92.940 %	2.613 ppb	599,094.109 ppb	47,033.149 ppb	53,966.148 ppb	41,047.705 ppb	179,607.253 ppb	79.920 %
Concentration RSD	0.5 %	2.1 %	0.9 %	2.8 %	4.0 %	3.9 %	3.7 %	6.5 %	0.4 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	92.036 %	1,985.482 ppb	74.824 ppb	54.099 ppb	2,967.907 ppb	45,702.375 ppb	17.882 ppb	70.576 ppb	1,944.073 ppb
Concentration per Run 1	87.462 %	1,857.961 ppb	70.394 ppb	51.812 ppb	2,798.246 ppb	42,837.998 ppb	17.331 ppb	65.599 ppb	1,815.807 ppb
Concentration per Run 2	93.476 %	2,073.942 ppb	76.969 ppb	56.057 ppb	3,051.104 ppb	47,049.072 ppb	18.096 ppb	74.714 ppb	2,016.428 ppb
Concentration per Run 3	95.168 %	2,024.544 ppb	77.110 ppb	54.428 ppb	3,054.371 ppb	47,220.054 ppb	18.220 ppb	71.413 ppb	1,999.985 ppb
Concentration RSD	4.4 %	5.7 %	5.1 %	4.0 %	5.0 %	5.4 %	2.7 %	6.5 %	5.7 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	2,333.543 ppb	81.030 %	392.508 ppb	118.408 ppb	913.435 ppb	63.918 ppb	75.443 %	25.446 ppb	70.984 ppb
Concentration per Run 1	2,207.533 ppb	80.001 %	369.071 ppb	115.853 ppb	831.118 ppb	59.407 ppb	76.148 %	23.808 ppb	66.322 ppb
Concentration per Run 2	2,405.579 ppb	80.120 %	408.757 ppb	118.353 ppb	958.535 ppb	66.112 ppb	74.977 %	26.568 ppb	72.775 ppb
Concentration per Run 3	2,387.517 ppb	82.968 %	399.696 ppb	121.017 ppb	950.653 ppb	66.235 ppb	75.203 %	25.962 ppb	73.856 ppb
Concentration RSD	4.7 %	2.1 %	5.3 %	2.2 %	7.8 %	6.1 %	0.8 %	5.7 %	5.7 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	75.570 %	14.168 ppb	12.191 ppb	2,085.548 ppb	69.326 %	76.279 %	10.346 ppb	0.650 ppb	37.978 ppb
Concentration per Run 1	75.685 %	12.835 ppb	11.017 ppb	1,912.597 ppb	69.412 %	77.794 %	9.770 ppb	0.652 ppb	37.387 ppb
Concentration per Run 2	75.320 %	14.368 ppb	12.577 ppb	2,150.563 ppb	69.356 %	75.382 %	10.553 ppb	0.648 ppb	38.112 ppb
Concentration per Run 3	75.704 %	15.302 ppb	12.977 ppb	2,193.484 ppb	69.210 %	75.661 %	10.716 ppb	0.649 ppb	38.434 ppb
Concentration RSD	0.3 %	8.8 %	8.5 %	7.3 %	0.2 %	1.7 %	4.9 %	0.4 %	1.4 %

Category	209Bi (KED AGD)
Concentration average	382.446 %
Concentration per Run 1	361.489 %
Concentration per Run 2	391.076 %
Concentration per Run 3	394.773 %
Concentration RSD	4.8 %

3/8/2018 7:23:45 AM

 Analysis index: 52 Analysis started at: 3/7/2018 11:26:50 AM Rack: 1
 Analysis label: L1807332-03 2008TL User name: ALPHALAB\metals-instrument Vial: 29

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	72.866 %	93.897 %	0.063 ppb	167,445.448 ppb	19,876.388 ppb	879.708 ppb	9,877.648 ppb	38,293.590 ppb	76.907 %
Concentration per Run 1	72.445 %	94.089 %	0.067 ppb	159,809.199 ppb	18,478.140 ppb	806.225 ppb	9,350.936 ppb	36,003.241 ppb	76.010 %
Concentration per Run 2	73.207 %	91.027 %	0.061 ppb	173,336.745 ppb	20,758.743 ppb	927.228 ppb	10,475.582 ppb	40,900.816 ppb	77.870 %
Concentration per Run 3	72.945 %	96.576 %	0.061 ppb	169,190.400 ppb	20,392.281 ppb	905.672 ppb	9,806.426 ppb	37,976.714 ppb	76.840 %
Concentration RSD	0.5 %	3.0 %	5.5 %	4.1 %	6.2 %	7.3 %	5.7 %	6.4 %	1.2 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	89.851 %	86.592 ppb	1.991 ppb	2.551 ppb	142.776 ppb	927.797 ppb	0.938 ppb	5.089 ppb	40.628 ppb
Concentration per Run 1	91.597 %	80.656 ppb	1.791 ppb	2.346 ppb	130.945 ppb	872.963 ppb	0.786 ppb	4.819 ppb	38.270 ppb
Concentration per Run 2	88.355 %	88.921 ppb	2.019 ppb	2.540 ppb	149.920 ppb	972.582 ppb	1.000 ppb	6.073 ppb	40.814 ppb
Concentration per Run 3	89.600 %	90.198 ppb	2.162 ppb	2.769 ppb	147.463 ppb	937.847 ppb	1.027 ppb	4.376 ppb	42.800 ppb
Concentration RSD	1.8 %	6.0 %	9.4 %	8.3 %	7.2 %	5.4 %	14.1 %	17.3 %	5.6 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	86.374 ppb	85.837 %	10.178 ppb	4.191 ppb	233.372 ppb	6.012 ppb	82.706 %	0.515 ppb	2.068 ppb
Concentration per Run 1	79.662 ppb	86.296 %	9.169 ppb	4.339 ppb	216.037 ppb	5.524 ppb	83.668 %	0.439 ppb	1.933 ppb
Concentration per Run 2	90.610 ppb	85.214 %	10.584 ppb	4.262 ppb	240.655 ppb	6.023 ppb	82.848 %	0.557 ppb	2.061 ppb
Concentration per Run 3	88.850 ppb	86.001 %	10.781 ppb	3.972 ppb	243.424 ppb	6.487 ppb	81.602 %	0.548 ppb	2.211 ppb
Concentration RSD	6.8 %	0.7 %	8.6 %	4.6 %	6.5 %	8.0 %	1.3 %	12.8 %	6.7 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	81.583 %	2.208 ppb	1.541 ppb	69.305 ppb	84.872 %	93.058 %	2.128 ppb	0.147 ppb	3.355 ppb
Concentration per Run 1	82.917 %	1.974 ppb	1.349 ppb	61.801 ppb	85.263 %	93.768 %	1.872 ppb	0.135 ppb	3.192 ppb
Concentration per Run 2	80.338 %	2.190 ppb	1.616 ppb	73.632 ppb	83.697 %	92.127 %	2.232 ppb	0.157 ppb	3.421 ppb
Concentration per Run 3	81.493 %	2.458 ppb	1.659 ppb	72.483 ppb	85.657 %	93.279 %	2.281 ppb	0.149 ppb	3.453 ppb
Concentration RSD	1.6 %	11.0 %	10.9 %	9.4 %	1.2 %	0.9 %	10.5 %	7.5 %	4.2 %

Category	209Bi (KED AGD)
Concentration average	91.774 %
Concentration per Run 1	92.490 %
Concentration per Run 2	90.820 %
Concentration per Run 3	92.010 %
Concentration RSD	0.9 %

3/8/2018 7:23:45 AM

 Analysis index: 53 Analysis started at: 3/7/2018 11:30:41 AM Rack: 1
 Analysis label: L1807568-01 2008TL User name: ALPHALAB\metals-instrument Vial: 21

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	76.506 %	100.319 %	0.010 ppb	9,682.319 ppb	28,058.014 ppb	11.354 ppb	1,079.934 ppb	80,377.628 ppb	80.539 %
Concentration per Run 1	76.242 %	107.613 %	0.011 ppb	8,929.216 ppb	25,452.183 ppb	12.355 ppb	1,021.802 ppb	73,318.030 ppb	80.702 %
Concentration per Run 2	76.379 %	97.151 %	0.007 ppb	9,955.228 ppb	28,966.356 ppb	9.517 ppb	1,078.580 ppb	82,676.203 ppb	79.902 %
Concentration per Run 3	76.897 %	96.194 %	0.011 ppb	10,162.514 ppb	29,755.502 ppb	12.190 ppb	1,139.419 ppb	85,138.650 ppb	81.012 %
Concentration RSD	0.5 %	6.3 %	26.2 %	6.8 %	8.2 %	14.0 %	5.4 %	7.8 %	0.7 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	94.816 %	109.223 ppb	0.108 ppb	0.367 ppb	0.599 ppb	38.733 ppb	0.022 ppb	-0.212 ppb	0.379 ppb
Concentration per Run 1	101.113 %	100.989 ppb	0.081 ppb	0.304 ppb	0.312 ppb	26.994 ppb	0.008 ppb	-0.222 ppb	0.238 ppb
Concentration per Run 2	92.255 %	109.220 ppb	0.090 ppb	0.428 ppb	0.707 ppb	49.058 ppb	0.003 ppb	-0.123 ppb	0.383 ppb
Concentration per Run 3	91.080 %	117.460 ppb	0.154 ppb	0.368 ppb	0.779 ppb	40.146 ppb	0.055 ppb	-0.291 ppb	0.515 ppb
Concentration RSD	5.8 %	7.5 %	36.8 %	16.8 %	41.9 %	28.7 %	132.7 %	39.7 %	36.5 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	1.880 ppb	91.880 %	0.673 ppb	0.138 ppb	169.248 ppb	1.876 ppb	87.063 %	0.004 ppb	-0.002 ppb
Concentration per Run 1	1.548 ppb	98.978 %	0.562 ppb	0.273 ppb	152.939 ppb	1.388 ppb	91.994 %	0.009 ppb	0.000 ppb
Concentration per Run 2	1.998 ppb	89.200 %	0.781 ppb	0.004 ppb	172.448 ppb	1.931 ppb	84.852 %	0.005 ppb	-0.008 ppb
Concentration per Run 3	2.094 ppb	87.463 %	0.676 ppb	0.137 ppb	182.357 ppb	2.310 ppb	84.343 %	-0.001 ppb	0.001 ppb
Concentration RSD	15.5 %	6.8 %	16.2 %	97.5 %	8.8 %	24.7 %	4.9 %	113.8 %	224.8 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	92.622 %	1.014 ppb	0.283 ppb	66.058 ppb	95.440 %	97.052 %	0.201 ppb	-0.001 ppb	0.015 ppb
Concentration per Run 1	100.011 %	0.788 ppb	0.183 ppb	59.156 ppb	100.552 %	105.527 %	0.117 ppb	-0.003 ppb	0.008 ppb
Concentration per Run 2	89.389 %	1.120 ppb	0.296 ppb	67.728 ppb	92.740 %	92.630 %	0.207 ppb	0.000 ppb	0.018 ppb
Concentration per Run 3	88.466 %	1.135 ppb	0.369 ppb	71.289 ppb	93.026 %	92.999 %	0.279 ppb	0.000 ppb	0.019 ppb
Concentration RSD	6.9 %	19.4 %	33.2 %	9.4 %	4.6 %	7.6 %	40.2 %	123.6 %	42.1 %

Category	209Bi (KED AGD)
Concentration average	90.225 %
Concentration per Run 1	97.043 %
Concentration per Run 2	88.082 %
Concentration per Run 3	85.550 %
Concentration RSD	6.7 %

3/8/2018 7:23:45 AM

 Analysis index: 54 Analysis started at: 3/7/2018 11:34:34 AM Rack: 0
 Analysis label: CCV User name: ALPHALAB\metals-instrument Vial: 9

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	77.277 %	99.298 %	95.545 ppb	10,286.679 ppb	10,249.813 ppb	101.989 ppb	9,705.680 ppb	9,929.106 ppb	87.075 %
Concentration per Run 1	77.701 %	98.809 %	95.891 ppb	9,690.136 ppb	9,531.425 ppb	97.121 ppb	9,518.437 ppb	9,227.365 ppb	87.638 %
Concentration per Run 2	77.548 %	105.444 %	95.450 ppb	10,236.853 ppb	10,231.606 ppb	103.273 ppb	9,488.995 ppb	9,818.435 ppb	87.053 %
Concentration per Run 3	76.582 %	93.642 %	95.294 ppb	10,933.049 ppb	10,986.408 ppb	105.573 ppb	10,109.607 ppb	10,741.519 ppb	86.534 %
Recovery Percentage 1			95.545 %	102.867 %	102.498 %	101.989 %	97.057 %	99.291 %	
Concentration RSD	0.8 %	6.0 %	0.3 %	6.1 %	7.1 %	4.3 %	3.6 %	7.7 %	0.6 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	106.016 %	96.006 ppb	103.844 ppb	103.523 ppb	104.316 ppb	10,292.221 ppb	99.954 ppb	100.544 ppb	97.892 ppb
Concentration per Run 1	107.293 %	89.864 ppb	92.437 ppb	93.990 ppb	92.990 ppb	9,358.351 ppb	90.041 ppb	88.273 ppb	87.040 ppb
Concentration per Run 2	108.913 %	93.153 ppb	104.384 ppb	103.989 ppb	107.047 ppb	10,533.044 ppb	102.592 ppb	103.082 ppb	101.785 ppb
Concentration per Run 3	101.840 %	105.001 ppb	114.711 ppb	112.591 ppb	112.911 ppb	10,985.269 ppb	107.227 ppb	110.276 ppb	104.851 ppb
Recovery Percentage 1		96.006 %	103.844 %	103.523 %	104.316 %	102.922 %	99.954 %	100.544 %	97.892 %
Concentration RSD	3.5 %	8.3 %	10.7 %	9.0 %	9.8 %	8.2 %	8.9 %	11.2 %	9.7 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	97.649 ppb	90.983 %	99.325 ppb	101.863 ppb	101.889 ppb	102.478 ppb	87.968 %	101.368 ppb	100.700 ppb
Concentration per Run 1	88.363 ppb	92.621 %	90.388 ppb	96.441 ppb	92.386 ppb	89.732 ppb	90.189 %	92.983 ppb	90.377 ppb
Concentration per Run 2	100.524 ppb	91.179 %	105.923 ppb	108.779 ppb	107.258 ppb	109.093 ppb	87.573 %	104.653 ppb	104.175 ppb
Concentration per Run 3	104.062 ppb	89.151 %	101.664 ppb	100.370 ppb	106.022 ppb	108.607 ppb	86.142 %	106.468 ppb	107.547 ppb
Recovery Percentage 1	97.649 %		99.325 %	101.863 %	101.889 %	102.478 %		101.368 %	100.700 %
Concentration RSD	8.4 %	1.9 %	8.1 %	6.2 %	8.1 %	10.8 %	2.3 %	7.2 %	9.0 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	90.146 %	98.102 ppb	98.890 ppb	107.494 ppb	91.793 %	97.229 %	99.549 ppb	99.217 ppb	97.460 ppb
Concentration per Run 1	93.615 %	87.157 ppb	89.173 ppb	98.346 ppb	93.775 %	100.332 %	89.407 ppb	92.497 ppb	88.646 ppb
Concentration per Run 2	90.565 %	100.370 ppb	100.999 ppb	113.431 ppb	92.629 %	99.410 %	101.686 ppb	102.973 ppb	100.934 ppb
Concentration per Run 3	86.257 %	106.781 ppb	106.498 ppb	110.704 ppb	88.976 %	91.944 %	107.553 ppb	102.182 ppb	102.800 ppb
Recovery Percentage 1		98.102 %	98.890 %	107.494 %			99.549 %	99.217 %	97.460 %
Concentration RSD	4.1 %	10.2 %	9.0 %	7.5 %	2.7 %	4.7 %	9.3 %	5.9 %	7.9 %

Category	209Bi (KED AGD)
Concentration average	91.364 %
Concentration per Run 1	94.021 %
Concentration per Run 2	90.488 %
Concentration per Run 3	89.582 %
Recovery Percentage 1	
Concentration RSD	2.6 %



Analysis index:	55	Analysis started at:	3/7/2018 11:38:30 AM	Rack:	0
Analysis label:	XCCB	User name:	ALPHALAB\metals-instrument	Vial:	10

3/8/2018 7:23:45 AM

 Analysis index: 56 Analysis started at: 3/7/2018 11:44:22 AM Rack: 0
 Analysis label: CCB User name: ALPHALAB\metals-instrument Vial: 10

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	81.587 %	97.703 %	0.008 ppb	99.831 ppb	0.402 ppb	0.077 ppb	22.919 ppb	0.095 ppb	81.429 %
Concentration per Run 1	81.329 %	98.299 %	0.005 ppb	93.840 ppb	-0.738 ppb	0.270 ppb	20.152 ppb	1.429 ppb	81.273 %
Concentration per Run 2	81.093 %	98.873 %	0.007 ppb	83.549 ppb	1.519 ppb	-0.781 ppb	20.104 ppb	-0.677 ppb	79.662 %
Concentration per Run 3	82.338 %	95.939 %	0.012 ppb	122.105 ppb	0.424 ppb	0.741 ppb	28.501 ppb	-0.466 ppb	83.351 %
Recovery Percentage 1			1.543 %	99.831 %	0.402 %	0.767 %	22.919 %	0.095 %	
Concentration RSD	0.8 %	1.6 %	48.9 %	20.0 %	280.8 %	1,015.8 %	21.1 %	1,215.9 %	2.3 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	93.140 %	0.024 ppb	0.021 ppb	0.034 ppb	0.027 ppb	10.493 ppb	0.002 ppb	-0.102 ppb	0.007 ppb
Concentration per Run 1	88.755 %	-0.028 ppb	0.009 ppb	0.080 ppb	0.002 ppb	12.496 ppb	-0.004 ppb	-0.200 ppb	-0.029 ppb
Concentration per Run 2	96.648 %	-0.059 ppb	0.027 ppb	0.001 ppb	0.081 ppb	10.988 ppb	0.002 ppb	-0.053 ppb	0.006 ppb
Concentration per Run 3	94.017 %	0.160 ppb	0.028 ppb	0.021 ppb	-0.003 ppb	7.995 ppb	0.009 ppb	-0.051 ppb	0.044 ppb
Recovery Percentage 1		4.886 %	0.421 %	3.387 %	2.662 %	20.987 %	0.469 %	-5.080 %	0.704 %
Concentration RSD	4.3 %	484.3 %	50.8 %	121.0 %	177.6 %	21.8 %	265.8 %	83.8 %	516.8 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	-0.047 ppb	90.368 %	0.056 ppb	0.142 ppb	0.024 ppb	0.093 ppb	91.727 %	0.015 ppb	-0.002 ppb
Concentration per Run 1	-0.089 ppb	87.853 %	0.036 ppb	-0.059 ppb	0.045 ppb	0.021 ppb	92.803 %	0.019 ppb	-0.004 ppb
Concentration per Run 2	-0.037 ppb	90.742 %	0.112 ppb	0.062 ppb	0.008 ppb	0.156 ppb	91.028 %	0.007 ppb	0.005 ppb
Concentration per Run 3	-0.016 ppb	92.509 %	0.021 ppb	0.424 ppb	0.021 ppb	0.101 ppb	91.349 %	0.021 ppb	-0.008 ppb
Recovery Percentage 1	-0.470 %		11.233 %	2.838 %	4.877 %	4.629 %		3.871 %	-1.062 %
Concentration RSD	80.3 %	2.6 %	86.3 %	177.1 %	77.3 %	73.3 %	1.0 %	50.1 %	299.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	91.277 %	1.392 ppb	0.411 ppb	-0.034 ppb	92.568 %	97.872 %	0.154 ppb	0.005 ppb	-0.010 ppb
Concentration per Run 1	91.137 %	1.260 ppb	0.342 ppb	-0.042 ppb	93.217 %	99.583 %	0.086 ppb	0.003 ppb	-0.010 ppb
Concentration per Run 2	91.909 %	1.372 ppb	0.447 ppb	-0.019 ppb	92.131 %	96.898 %	0.186 ppb	0.005 ppb	-0.008 ppb
Concentration per Run 3	90.785 %	1.544 ppb	0.445 ppb	-0.042 ppb	92.354 %	97.135 %	0.191 ppb	0.008 ppb	-0.012 ppb
Recovery Percentage 1		46.399 %	10.283 %	-6.871 %			7.712 %	1.049 %	-2.028 %
Concentration RSD	0.6 %	10.3 %	14.6 %	37.9 %	0.6 %	1.5 %	38.5 %	47.5 %	19.6 %

Category	209Bi (KED AGD)
Concentration average	94.655 %
Concentration per Run 1	95.773 %
Concentration per Run 2	93.584 %
Concentration per Run 3	94.609 %
Recovery Percentage 1	
Concentration RSD	1.2 %

3/8/2018 7:23:45 AM

 Analysis index: 57
 Analysis label: WG1095262-1D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 11:48:18 AM
 User name: ALPHALAB\metals-instrument

 Rack: 1
 Vial: 33

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	77.834 %	98.469 %	0.004 ppb	370.400 ppb	4.422 ppb	1.537 ppb	31.212 ppb	72.631 ppb	78.036 %
Concentration per Run 1	78.272 %	93.515 %	0.000 ppb	367.283 ppb	3.403 ppb	1.288 ppb	38.876 ppb	82.022 ppb	79.146 %
Concentration per Run 2	77.287 %	96.321 %	0.006 ppb	405.274 ppb	5.767 ppb	1.711 ppb	39.626 ppb	77.448 ppb	77.126 %
Concentration per Run 3	77.943 %	105.571 %	0.005 ppb	338.644 ppb	4.096 ppb	1.612 ppb	15.133 ppb	58.423 ppb	77.835 %
Concentration RSD	0.6 %	6.4 %	88.2 %	9.0 %	27.5 %	14.4 %	44.6 %	17.2 %	1.3 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	94.190 %	0.128 ppb	0.034 ppb	0.076 ppb	0.420 ppb	10.528 ppb	0.009 ppb	-0.313 ppb	0.056 ppb
Concentration per Run 1	93.124 %	0.235 ppb	-0.012 ppb	0.115 ppb	0.415 ppb	9.001 ppb	0.009 ppb	-0.335 ppb	0.040 ppb
Concentration per Run 2	89.906 %	0.039 ppb	0.051 ppb	0.065 ppb	0.491 ppb	11.957 ppb	0.016 ppb	-0.396 ppb	0.099 ppb
Concentration per Run 3	99.539 %	0.111 ppb	0.064 ppb	0.049 ppb	0.353 ppb	10.626 ppb	0.002 ppb	-0.209 ppb	0.028 ppb
Concentration RSD	5.2 %	77.4 %	119.8 %	44.9 %	16.5 %	14.1 %	76.5 %	30.5 %	69.3 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.591 ppb	87.818 %	0.023 ppb	0.126 ppb	0.140 ppb	0.115 ppb	88.073 %	0.035 ppb	0.000 ppb
Concentration per Run 1	0.513 ppb	85.832 %	-0.004 ppb	-0.056 ppb	0.170 ppb	0.106 ppb	88.938 %	0.023 ppb	0.005 ppb
Concentration per Run 2	0.701 ppb	84.424 %	0.051 ppb	0.013 ppb	0.109 ppb	0.098 ppb	84.713 %	0.041 ppb	-0.003 ppb
Concentration per Run 3	0.561 ppb	93.198 %	0.021 ppb	0.420 ppb	0.142 ppb	0.142 ppb	90.567 %	0.040 ppb	-0.004 ppb
Concentration RSD	16.5 %	5.4 %	121.3 %	204.5 %	21.9 %	20.3 %	3.4 %	29.5 %	1,058.2 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	88.274 %	1.642 ppb	0.394 ppb	0.167 ppb	89.056 %	95.715 %	0.215 ppb	0.005 ppb	0.005 ppb
Concentration per Run 1	88.285 %	1.326 ppb	0.326 ppb	0.287 ppb	88.617 %	94.967 %	0.185 ppb	0.003 ppb	-0.001 ppb
Concentration per Run 2	83.509 %	1.811 ppb	0.399 ppb	0.032 ppb	86.081 %	91.263 %	0.227 ppb	0.006 ppb	0.010 ppb
Concentration per Run 3	93.027 %	1.787 ppb	0.457 ppb	0.182 ppb	92.469 %	100.916 %	0.233 ppb	0.005 ppb	0.007 ppb
Concentration RSD	5.4 %	16.6 %	16.7 %	76.9 %	3.6 %	5.1 %	12.1 %	32.9 %	107.7 %

Category	209Bi (KED AGD)
Concentration average	92.609 %
Concentration per Run 1	91.877 %
Concentration per Run 2	90.700 %
Concentration per Run 3	95.250 %
Concentration RSD	2.6 %

3/8/2018 7:23:45 AM

 Analysis index: 58
 Analysis label: WG1095262-2D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 11:52:11 AM
 User name: ALPHALAB\metals-instrument

 Rack: 1
 Vial: 34

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	76.371 %	94.748 %	5.933 ppb	1,499.688 ppb	1,108.865 ppb	226.639 ppb	1,009.429 ppb	950.559 ppb	78.567 %
Concentration per Run 1	77.452 %	98.937 %	5.922 ppb	1,374.694 ppb	1,032.721 ppb	206.698 ppb	853.751 ppb	819.924 ppb	79.836 %
Concentration per Run 2	76.376 %	91.984 %	5.888 ppb	1,559.955 ppb	1,132.686 ppb	235.067 ppb	1,130.855 ppb	987.625 ppb	77.652 %
Concentration per Run 3	75.285 %	93.323 %	5.987 ppb	1,564.416 ppb	1,161.187 ppb	238.152 ppb	1,043.680 ppb	1,044.127 ppb	78.212 %
Concentration RSD	1.4 %	3.9 %	0.8 %	7.2 %	6.1 %	7.7 %	14.0 %	12.3 %	1.4 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	91.041 %	85.739 ppb	58.286 ppb	23.583 ppb	59.583 ppb	134.178 ppb	55.652 ppb	55.912 ppb	28.202 ppb
Concentration per Run 1	88.708 %	74.860 ppb	54.700 ppb	22.677 ppb	57.072 ppb	119.948 ppb	52.031 ppb	51.951 ppb	25.519 ppb
Concentration per Run 2	93.077 %	89.737 ppb	58.742 ppb	23.521 ppb	60.130 ppb	134.883 ppb	56.446 ppb	56.758 ppb	29.107 ppb
Concentration per Run 3	91.339 %	92.619 ppb	61.416 ppb	24.551 ppb	61.547 ppb	147.702 ppb	58.479 ppb	59.028 ppb	29.980 ppb
Concentration RSD	2.4 %	11.1 %	5.8 %	4.0 %	3.8 %	10.4 %	5.9 %	6.5 %	8.4 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	55.196 ppb	84.086 %	12.932 ppb	13.061 ppb	104.906 ppb	104.571 ppb	85.759 %	5.760 ppb	5.621 ppb
Concentration per Run 1	50.501 ppb	83.650 %	12.453 ppb	12.077 ppb	92.869 ppb	94.593 ppb	86.998 %	5.444 ppb	5.182 ppb
Concentration per Run 2	56.892 ppb	85.349 %	13.021 ppb	12.077 ppb	109.250 ppb	106.575 ppb	86.378 %	5.954 ppb	5.682 ppb
Concentration per Run 3	58.196 ppb	83.258 %	13.323 ppb	15.030 ppb	112.599 ppb	112.543 ppb	83.902 %	5.881 ppb	5.998 ppb
Concentration RSD	7.5 %	1.3 %	3.4 %	13.1 %	10.1 %	8.7 %	1.9 %	4.8 %	7.3 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	84.885 %	115.777 ppb	64.940 ppb	216.842 ppb	87.935 %	92.903 %	0.233 ppb	12.193 ppb	53.788 ppb
Concentration per Run 1	85.529 %	103.315 ppb	60.037 ppb	200.134 ppb	88.300 %	93.712 %	0.150 ppb	11.281 ppb	48.749 ppb
Concentration per Run 2	85.082 %	120.575 ppb	66.100 ppb	220.947 ppb	88.246 %	92.331 %	0.280 ppb	12.607 ppb	55.985 ppb
Concentration per Run 3	84.043 %	123.441 ppb	68.684 ppb	229.445 ppb	87.259 %	92.667 %	0.269 ppb	12.693 ppb	56.629 ppb
Concentration RSD	0.9 %	9.4 %	6.8 %	7.0 %	0.7 %	0.8 %	30.9 %	6.5 %	8.1 %

Category	209Bi (KED AGD)
Concentration average	89.755 %
Concentration per Run 1	89.562 %
Concentration per Run 2	90.333 %
Concentration per Run 3	89.371 %
Concentration RSD	0.6 %

3/8/2018 7:23:45 AM

 Analysis index: 59 Analysis started at: 3/7/2018 11:56:04 AM Rack: 1
 Analysis label: L1807334-01 2008TL User name: ALPHALAB\metals-instrument Vial: 30

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	72.584 %	87.710 %	0.402 ppb	286,572.849 ppb	8,007.720 ppb	2,429.205 ppb	20,999.093 ppb	44,762.616 ppb	78.438 %
Concentration per Run 1	72.275 %	87.773 %	0.408 ppb	270,040.483 ppb	7,315.793 ppb	2,236.994 ppb	19,379.705 ppb	41,201.753 ppb	77.835 %
Concentration per Run 2	73.021 %	92.685 %	0.408 ppb	286,975.679 ppb	8,051.703 ppb	2,481.331 ppb	20,603.134 ppb	43,923.295 ppb	78.916 %
Concentration per Run 3	72.454 %	82.670 %	0.389 ppb	302,702.385 ppb	8,655.665 ppb	2,569.288 ppb	23,014.439 ppb	49,162.800 ppb	78.562 %
Concentration RSD	0.5 %	5.7 %	2.7 %	5.7 %	8.4 %	7.1 %	8.8 %	9.0 %	0.7 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	88.167 %	95.961 ppb	9.809 ppb	47.330 ppb	183.889 ppb	10,960.961 ppb	3.922 ppb	19.818 ppb	168.987 ppb
Concentration per Run 1	85.466 %	87.531 ppb	9.132 ppb	43.512 ppb	174.377 ppb	10,175.645 ppb	3.412 ppb	18.910 ppb	157.292 ppb
Concentration per Run 2	88.849 %	91.002 ppb	10.090 ppb	50.025 ppb	190.404 ppb	11,426.781 ppb	4.067 ppb	19.368 ppb	176.072 ppb
Concentration per Run 3	90.187 %	109.351 ppb	10.206 ppb	48.451 ppb	186.886 ppb	11,280.457 ppb	4.285 ppb	21.175 ppb	173.597 ppb
Concentration RSD	2.8 %	12.2 %	6.0 %	7.2 %	4.6 %	6.2 %	11.6 %	6.0 %	6.0 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	952.805 ppb	78.959 %	6.244 ppb	0.862 ppb	205.300 ppb	3.879 ppb	78.110 %	0.949 ppb	4.950 ppb
Concentration per Run 1	879.835 ppb	78.931 %	6.279 ppb	0.954 ppb	185.491 ppb	3.803 ppb	79.704 %	0.846 ppb	4.414 ppb
Concentration per Run 2	987.446 ppb	79.500 %	5.877 ppb	0.811 ppb	211.150 ppb	3.554 ppb	76.738 %	0.984 ppb	5.204 ppb
Concentration per Run 3	991.134 ppb	78.445 %	6.574 ppb	0.820 ppb	219.259 ppb	4.282 ppb	77.890 %	1.018 ppb	5.232 ppb
Concentration RSD	6.6 %	0.7 %	5.6 %	9.3 %	8.6 %	9.5 %	1.9 %	9.6 %	9.4 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	75.726 %	8.520 ppb	1.640 ppb	123.848 ppb	79.994 %	91.580 %	1.112 ppb	0.164 ppb	78.250 ppb
Concentration per Run 1	76.906 %	8.241 ppb	1.519 ppb	112.249 ppb	80.799 %	93.136 %	0.857 ppb	0.141 ppb	70.339 ppb
Concentration per Run 2	74.408 %	8.533 ppb	1.588 ppb	132.585 ppb	79.382 %	90.674 %	1.202 ppb	0.174 ppb	81.263 ppb
Concentration per Run 3	75.864 %	8.785 ppb	1.813 ppb	126.710 ppb	79.802 %	90.929 %	1.277 ppb	0.177 ppb	83.147 ppb
Concentration RSD	1.7 %	3.2 %	9.4 %	8.5 %	0.9 %	1.5 %	20.1 %	12.1 %	8.8 %

Category	209Bi (KED AGD)
Concentration average	83.262 %
Concentration per Run 1	84.870 %
Concentration per Run 2	82.950 %
Concentration per Run 3	81.967 %
Concentration RSD	1.8 %

3/8/2018 7:23:45 AM

 Analysis index: 60 Analysis started at: 3/7/2018 11:59:55 AM Rack: 1
 Analysis label: L1807477-21 2008TL User name: ALPHALAB\metals-instrument Vial: 31

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	74.312 %	90.240 %	0.048 ppb	166,825.626 ppb	6,018.306 ppb	254.892 ppb	8,093.978 ppb	36,066.508 ppb	72.940 %
Concentration per Run 1	74.228 %	88.858 %	0.041 ppb	156,410.477 ppb	5,406.279 ppb	239.784 ppb	7,639.858 ppb	33,273.164 ppb	72.908 %
Concentration per Run 2	74.142 %	94.918 %	0.052 ppb	166,867.920 ppb	6,132.966 ppb	244.958 ppb	8,023.653 ppb	35,880.335 ppb	72.548 %
Concentration per Run 3	74.565 %	86.944 %	0.051 ppb	177,198.480 ppb	6,515.672 ppb	279.935 ppb	8,618.424 ppb	39,046.025 ppb	73.363 %
Concentration RSD	0.3 %	4.6 %	13.0 %	6.2 %	9.4 %	8.6 %	6.1 %	8.0 %	0.6 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	82.318 %	53.778 ppb	0.708 ppb	1.077 ppb	158.236 ppb	890.638 ppb	1.161 ppb	5.807 ppb	22.526 ppb
Concentration per Run 1	81.096 %	50.156 ppb	0.515 ppb	0.934 ppb	144.650 ppb	828.604 ppb	1.139 ppb	5.107 ppb	19.249 ppb
Concentration per Run 2	84.878 %	51.607 ppb	0.836 ppb	1.155 ppb	161.394 ppb	905.703 ppb	1.173 ppb	6.275 ppb	24.635 ppb
Concentration per Run 3	80.979 %	59.571 ppb	0.773 ppb	1.141 ppb	168.663 ppb	937.606 ppb	1.172 ppb	6.038 ppb	23.694 ppb
Concentration RSD	2.7 %	9.4 %	24.0 %	11.5 %	7.8 %	6.3 %	1.7 %	10.6 %	12.8 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	77.767 ppb	82.527 %	3.282 ppb	0.681 ppb	227.498 ppb	1.833 ppb	81.340 %	0.175 ppb	0.292 ppb
Concentration per Run 1	69.260 ppb	84.679 %	3.133 ppb	0.614 ppb	203.209 ppb	1.326 ppb	83.491 %	0.174 ppb	0.254 ppb
Concentration per Run 2	82.216 ppb	80.757 %	3.242 ppb	0.652 ppb	235.745 ppb	1.998 ppb	79.968 %	0.176 ppb	0.306 ppb
Concentration per Run 3	81.824 ppb	82.146 %	3.472 ppb	0.776 ppb	243.540 ppb	2.174 ppb	80.560 %	0.176 ppb	0.317 ppb
Concentration RSD	9.5 %	2.4 %	5.3 %	12.5 %	9.4 %	24.4 %	2.3 %	0.8 %	11.5 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	79.725 %	2.590 ppb	0.711 ppb	61.073 ppb	84.055 %	93.949 %	2.786 ppb	0.037 ppb	1.774 ppb
Concentration per Run 1	80.824 %	2.452 ppb	0.628 ppb	54.904 ppb	85.312 %	95.372 %	2.297 ppb	0.029 ppb	1.607 ppb
Concentration per Run 2	78.616 %	2.532 ppb	0.722 ppb	65.155 ppb	83.147 %	92.824 %	2.922 ppb	0.038 ppb	1.870 ppb
Concentration per Run 3	79.737 %	2.786 ppb	0.783 ppb	63.161 ppb	83.706 %	93.649 %	3.140 ppb	0.043 ppb	1.844 ppb
Concentration RSD	1.4 %	6.7 %	10.9 %	8.9 %	1.3 %	1.4 %	15.7 %	19.4 %	8.2 %

Category	209Bi (KED AGD)
Concentration average	86.510 %
Concentration per Run 1	88.054 %
Concentration per Run 2	85.906 %
Concentration per Run 3	85.570 %
Concentration RSD	1.6 %

3/8/2018 7:23:45 AM

 Analysis index: 61
 Analysis label: L1805926-18D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 12:03:47 PM
 User name: ALPHALAB/metals-instrument
 Rack: 1
 Vial: 35

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	77.514 %	95.173 %	0.008 ppb	693.517 ppb	684.811 ppb	13.633 ppb	113.096 ppb	1,873.102 ppb	79.086 %
Concentration per Run 1	77.694 %	97.980 %	0.012 ppb	628.857 ppb	641.966 ppb	12.630 ppb	95.199 ppb	1,616.626 ppb	78.815 %
Concentration per Run 2	76.844 %	95.237 %	0.007 ppb	733.499 ppb	689.387 ppb	13.897 ppb	123.276 ppb	1,893.374 ppb	78.535 %
Concentration per Run 3	78.003 %	92.302 %	0.006 ppb	718.195 ppb	723.080 ppb	14.373 ppb	120.813 ppb	2,109.305 ppb	79.908 %
Concentration RSD	0.8 %	3.0 %	39.4 %	8.1 %	6.0 %	6.6 %	13.7 %	13.2 %	0.9 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	91.002 %	3.111 ppb	0.515 ppb	0.780 ppb	0.292 ppb	23.423 ppb	0.009 ppb	-0.333 ppb	0.086 ppb
Concentration per Run 1	89.154 %	2.603 ppb	0.431 ppb	0.582 ppb	0.457 ppb	18.370 ppb	0.003 ppb	-0.244 ppb	0.040 ppb
Concentration per Run 2	91.033 %	3.290 ppb	0.636 ppb	0.860 ppb	0.123 ppb	21.707 ppb	0.009 ppb	-0.464 ppb	0.112 ppb
Concentration per Run 3	92.819 %	3.438 ppb	0.479 ppb	0.897 ppb	0.296 ppb	30.192 ppb	0.016 ppb	-0.292 ppb	0.107 ppb
Concentration RSD	2.0 %	14.3 %	20.8 %	22.1 %	57.2 %	26.0 %	69.8 %	34.6 %	46.9 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.633 ppb	86.231 %	0.131 ppb	0.097 ppb	10.031 ppb	0.258 ppb	85.622 %	0.007 ppb	-0.005 ppb
Concentration per Run 1	0.477 ppb	87.643 %	0.116 ppb	0.007 ppb	9.181 ppb	0.181 ppb	85.535 %	0.007 ppb	-0.003 ppb
Concentration per Run 2	0.739 ppb	84.425 %	0.106 ppb	0.146 ppb	10.157 ppb	0.341 ppb	85.473 %	0.010 ppb	-0.003 ppb
Concentration per Run 3	0.684 ppb	86.625 %	0.171 ppb	0.139 ppb	10.754 ppb	0.252 ppb	85.859 %	0.002 ppb	-0.008 ppb
Concentration RSD	21.8 %	1.9 %	26.6 %	80.7 %	7.9 %	31.2 %	0.2 %	65.0 %	55.3 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	85.289 %	1.202 ppb	0.378 ppb	18.865 ppb	88.362 %	94.825 %	0.602 ppb	0.003 ppb	0.331 ppb
Concentration per Run 1	85.506 %	0.954 ppb	0.305 ppb	17.320 ppb	89.000 %	94.060 %	0.503 ppb	-0.001 ppb	0.294 ppb
Concentration per Run 2	84.044 %	1.334 ppb	0.368 ppb	19.008 ppb	87.215 %	95.269 %	0.702 ppb	0.003 ppb	0.352 ppb
Concentration per Run 3	86.316 %	1.317 ppb	0.460 ppb	20.266 ppb	88.871 %	95.147 %	0.602 ppb	0.006 ppb	0.347 ppb
Concentration RSD	1.3 %	17.9 %	20.6 %	7.8 %	1.1 %	0.7 %	16.5 %	144.9 %	9.7 %

Category	209Bi (KED AGD)
Concentration average	91.226 %
Concentration per Run 1	91.562 %
Concentration per Run 2	90.691 %
Concentration per Run 3	91.427 %
Concentration RSD	0.5 %

3/8/2018 7:23:45 AM

 Analysis index: 62
 Analysis label: L1805656-06D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 12:07:41 PM
 User name: ALPHALAB\metals-instrument
 Rack: 1
 Vial: 36

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	75.958 %	94.705 %	0.007 ppb	346.024 ppb	91.711 ppb	4.513 ppb	196.874 ppb	2,371.544 ppb	76.062 %
Concentration per Run 1	75.453 %	94.280 %	0.005 ppb	326.438 ppb	88.893 ppb	5.149 ppb	190.527 ppb	2,198.800 ppb	75.537 %
Concentration per Run 2	76.685 %	95.428 %	0.008 ppb	362.179 ppb	84.817 ppb	5.070 ppb	188.376 ppb	2,427.616 ppb	75.365 %
Concentration per Run 3	75.735 %	94.408 %	0.008 ppb	349.455 ppb	101.423 ppb	3.321 ppb	211.717 ppb	2,488.215 ppb	77.284 %
Concentration RSD	0.8 %	0.7 %	29.4 %	5.2 %	9.4 %	22.9 %	6.6 %	6.4 %	1.4 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	88.332 %	3.139 ppb	0.331 ppb	0.318 ppb	0.396 ppb	14.332 ppb	0.003 ppb	-0.326 ppb	0.002 ppb
Concentration per Run 1	87.509 %	2.629 ppb	0.442 ppb	0.325 ppb	0.472 ppb	6.150 ppb	-0.004 ppb	-0.212 ppb	-0.068 ppb
Concentration per Run 2	88.590 %	3.193 ppb	0.180 ppb	0.295 ppb	0.558 ppb	16.059 ppb	0.010 ppb	-0.418 ppb	0.016 ppb
Concentration per Run 3	88.896 %	3.596 ppb	0.372 ppb	0.332 ppb	0.157 ppb	20.786 ppb	0.003 ppb	-0.350 ppb	0.059 ppb
Concentration RSD	0.8 %	15.5 %	40.9 %	6.1 %	53.2 %	52.1 %	236.4 %	32.2 %	2,684.9 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.896 ppb	84.135 %	0.139 ppb	0.036 ppb	9.792 ppb	0.231 ppb	85.690 %	0.011 ppb	-0.002 ppb
Concentration per Run 1	0.707 ppb	83.886 %	0.121 ppb	0.147 ppb	8.902 ppb	0.192 ppb	88.312 %	0.014 ppb	-0.003 ppb
Concentration per Run 2	0.867 ppb	84.754 %	0.202 ppb	0.013 ppb	9.864 ppb	0.328 ppb	85.081 %	0.006 ppb	0.001 ppb
Concentration per Run 3	1.113 ppb	83.766 %	0.093 ppb	-0.052 ppb	10.611 ppb	0.172 ppb	83.678 %	0.013 ppb	-0.003 ppb
Concentration RSD	22.8 %	0.6 %	40.8 %	284.1 %	8.7 %	36.6 %	2.8 %	38.2 %	161.3 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	84.360 %	0.901 ppb	0.292 ppb	4.371 ppb	87.439 %	93.460 %	0.255 ppb	0.001 ppb	0.105 ppb
Concentration per Run 1	86.855 %	0.823 ppb	0.209 ppb	4.133 ppb	88.344 %	94.878 %	0.199 ppb	-0.002 ppb	0.100 ppb
Concentration per Run 2	83.216 %	1.011 ppb	0.308 ppb	4.345 ppb	87.289 %	93.090 %	0.258 ppb	0.001 ppb	0.102 ppb
Concentration per Run 3	83.011 %	0.869 ppb	0.359 ppb	4.636 ppb	86.685 %	92.411 %	0.308 ppb	0.003 ppb	0.113 ppb
Concentration RSD	2.6 %	10.9 %	26.2 %	5.8 %	1.0 %	1.4 %	21.3 %	334.8 %	6.3 %

Category	209Bi (KED AGD)
Concentration average	91.998 %
Concentration per Run 1	93.009 %
Concentration per Run 2	91.719 %
Concentration per Run 3	91.267 %
Concentration RSD	1.0 %

3/8/2018 7:23:45 AM

 Analysis index: 63
 Analysis label: L1805915-03D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 12:11:34 PM
 User name: ALPHALAB/metals-instrument

 Rack: 1
 Vial: 37

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	76.060 %	90.516 %	0.009 ppb	234.905 ppb	90.156 ppb	12.908 ppb	59.026 ppb	2,081.688 ppb	76.898 %
Concentration per Run 1	75.877 %	87.136 %	0.007 ppb	206.309 ppb	92.210 ppb	12.260 ppb	42.566 ppb	1,823.513 ppb	76.908 %
Concentration per Run 2	76.821 %	90.580 %	0.008 ppb	262.708 ppb	102.850 ppb	14.948 ppb	64.677 ppb	2,184.380 ppb	76.950 %
Concentration per Run 3	75.480 %	93.833 %	0.012 ppb	235.697 ppb	75.408 ppb	11.516 ppb	69.834 ppb	2,237.172 ppb	76.836 %
Concentration RSD	0.9 %	3.7 %	30.5 %	12.0 %	15.3 %	14.0 %	24.5 %	10.8 %	0.1 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	85.560 %	2.731 ppb	0.196 ppb	0.135 ppb	4.003 ppb	13.386 ppb	0.010 ppb	-0.270 ppb	0.041 ppb
Concentration per Run 1	81.076 %	2.744 ppb	0.268 ppb	0.223 ppb	3.591 ppb	15.602 ppb	0.018 ppb	-0.232 ppb	-0.001 ppb
Concentration per Run 2	87.157 %	2.499 ppb	0.075 ppb	0.130 ppb	4.124 ppb	11.677 ppb	0.003 ppb	-0.277 ppb	0.034 ppb
Concentration per Run 3	88.449 %	2.949 ppb	0.245 ppb	0.051 ppb	4.293 ppb	12.877 ppb	0.010 ppb	-0.302 ppb	0.089 ppb
Concentration RSD	4.6 %	8.2 %	54.0 %	64.1 %	9.2 %	15.0 %	74.1 %	13.2 %	112.3 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.756 ppb	80.688 %	0.063 ppb	0.044 ppb	2.361 ppb	0.247 ppb	83.863 %	0.016 ppb	-0.003 ppb
Concentration per Run 1	0.644 ppb	76.898 %	0.041 ppb	0.030 ppb	2.081 ppb	0.189 ppb	84.970 %	0.016 ppb	0.002 ppb
Concentration per Run 2	0.716 ppb	82.374 %	0.095 ppb	0.018 ppb	2.301 ppb	0.394 ppb	83.654 %	0.006 ppb	-0.008 ppb
Concentration per Run 3	0.909 ppb	82.793 %	0.052 ppb	0.085 ppb	2.701 ppb	0.159 ppb	82.964 %	0.025 ppb	-0.003 ppb
Concentration RSD	18.1 %	4.1 %	45.1 %	80.9 %	13.3 %	51.5 %	1.2 %	58.5 %	149.7 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	82.406 %	0.757 ppb	0.843 ppb	1.805 ppb	86.243 %	91.345 %	0.186 ppb	0.003 ppb	1.742 ppb
Concentration per Run 1	81.984 %	0.620 ppb	0.766 ppb	1.659 ppb	84.181 %	88.394 %	0.138 ppb	0.000 ppb	1.598 ppb
Concentration per Run 2	82.681 %	0.863 ppb	0.841 ppb	1.939 ppb	87.273 %	92.903 %	0.156 ppb	0.006 ppb	1.828 ppb
Concentration per Run 3	82.553 %	0.787 ppb	0.921 ppb	1.818 ppb	87.273 %	92.737 %	0.265 ppb	0.004 ppb	1.800 ppb
Concentration RSD	0.5 %	16.4 %	9.2 %	7.8 %	2.1 %	2.8 %	37.1 %	91.0 %	7.2 %

Category	209Bi (KED AGD)
Concentration average	88.446 %
Concentration per Run 1	86.420 %
Concentration per Run 2	89.025 %
Concentration per Run 3	89.891 %
Concentration RSD	2.0 %

3/8/2018 7:23:45 AM

 Analysis index: 64
 Analysis label: L1805915-05D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 12:15:25 PM
 User name: ALPHALAB/metals-instrument
 Rack: 1
 Vial: 38

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	76.858 %	88.709 %	0.007 ppb	496.189 ppb	151.786 ppb	8.562 ppb	109.118 ppb	2,350.767 ppb	77.639 %
Concentration per Run 1	77.105 %	86.753 %	0.005 ppb	449.413 ppb	149.848 ppb	7.397 ppb	91.864 ppb	2,151.629 ppb	77.099 %
Concentration per Run 2	76.500 %	90.070 %	0.009 ppb	511.614 ppb	133.090 ppb	10.119 ppb	122.650 ppb	2,351.967 ppb	78.408 %
Concentration per Run 3	76.969 %	89.304 %	0.007 ppb	527.538 ppb	172.418 ppb	8.169 ppb	112.841 ppb	2,548.706 ppb	77.411 %
Concentration RSD	0.4 %	2.0 %	27.3 %	8.3 %	13.0 %	16.4 %	14.4 %	8.4 %	0.9 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	87.424 %	3.091 ppb	0.159 ppb	0.068 ppb	6.818 ppb	9.009 ppb	0.033 ppb	-0.215 ppb	0.111 ppb
Concentration per Run 1	83.072 %	2.461 ppb	0.033 ppb	0.059 ppb	5.920 ppb	11.470 ppb	0.053 ppb	-0.244 ppb	0.097 ppb
Concentration per Run 2	90.657 %	3.183 ppb	0.199 ppb	0.109 ppb	7.765 ppb	9.387 ppb	0.036 ppb	-0.168 ppb	0.118 ppb
Concentration per Run 3	88.543 %	3.630 ppb	0.246 ppb	0.037 ppb	6.768 ppb	6.170 ppb	0.010 ppb	-0.233 ppb	0.119 ppb
Concentration RSD	4.5 %	19.1 %	70.3 %	54.2 %	13.5 %	29.6 %	65.9 %	18.9 %	11.1 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.499 ppb	81.569 %	0.186 ppb	0.733 ppb	11.464 ppb	0.246 ppb	82.141 %	0.008 ppb	-0.005 ppb
Concentration per Run 1	0.375 ppb	80.890 %	0.169 ppb	0.650 ppb	9.952 ppb	0.225 ppb	80.635 %	0.001 ppb	-0.003 ppb
Concentration per Run 2	0.469 ppb	81.906 %	0.209 ppb	1.118 ppb	11.988 ppb	0.278 ppb	83.283 %	0.004 ppb	-0.003 ppb
Concentration per Run 3	0.653 ppb	81.910 %	0.181 ppb	0.432 ppb	12.451 ppb	0.235 ppb	82.505 %	0.019 ppb	-0.008 ppb
Concentration RSD	28.3 %	0.7 %	11.1 %	47.8 %	11.6 %	11.3 %	1.7 %	123.5 %	60.1 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	81.047 %	0.653 ppb	0.593 ppb	4.429 ppb	86.184 %	92.039 %	0.465 ppb	0.000 ppb	1.148 ppb
Concentration per Run 1	77.919 %	0.330 ppb	0.460 ppb	4.280 ppb	83.620 %	89.281 %	0.086 ppb	0.000 ppb	1.011 ppb
Concentration per Run 2	83.065 %	0.925 ppb	0.678 ppb	4.420 ppb	87.361 %	93.672 %	0.210 ppb	0.001 ppb	1.174 ppb
Concentration per Run 3	82.155 %	0.704 ppb	0.641 ppb	4.586 ppb	87.571 %	93.165 %	1.101 ppb	-0.001 ppb	1.261 ppb
Concentration RSD	3.4 %	46.1 %	19.7 %	3.5 %	2.6 %	2.6 %	119.0 %	2,167.5 %	11.1 %

Category	209Bi (KED AGD)
Concentration average	89.267 %
Concentration per Run 1	87.458 %
Concentration per Run 2	91.281 %
Concentration per Run 3	89.063 %
Concentration RSD	2.2 %

3/8/2018 7:23:45 AM

 Analysis index: 65
 Analysis label: L1805915-12D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 12:19:16 PM
 User name: ALPHALAB/metals-instrument
 Rack: 1
 Vial: 39

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	75.202 %	91.282 %	0.006 ppb	781.752 ppb	161.815 ppb	31.382 ppb	35.905 ppb	1,343.300 ppb	76.414 %
Concentration per Run 1	74.635 %	92.813 %	0.008 ppb	726.408 ppb	140.552 ppb	29.532 ppb	31.675 ppb	1,224.707 ppb	76.378 %
Concentration per Run 2	75.333 %	90.835 %	0.011 ppb	819.006 ppb	169.768 ppb	33.521 ppb	34.001 ppb	1,403.527 ppb	76.189 %
Concentration per Run 3	75.637 %	90.197 %	-0.001 ppb	799.843 ppb	175.126 ppb	31.093 ppb	42.039 ppb	1,401.667 ppb	76.676 %
Concentration RSD	0.7 %	1.5 %	107.6 %	6.3 %	11.5 %	6.4 %	15.1 %	7.6 %	0.3 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	85.349 %	2.383 ppb	0.165 ppb	2.215 ppb	1.243 ppb	30.309 ppb	0.020 ppb	-0.229 ppb	0.406 ppb
Concentration per Run 1	84.738 %	2.492 ppb	0.167 ppb	2.126 ppb	1.273 ppb	29.677 ppb	0.024 ppb	-0.173 ppb	0.336 ppb
Concentration per Run 2	81.333 %	1.955 ppb	0.151 ppb	2.252 ppb	1.198 ppb	25.974 ppb	0.018 ppb	-0.230 ppb	0.498 ppb
Concentration per Run 3	89.976 %	2.702 ppb	0.178 ppb	2.268 ppb	1.259 ppb	35.277 ppb	0.016 ppb	-0.283 ppb	0.383 ppb
Concentration RSD	5.1 %	16.2 %	8.1 %	3.5 %	3.2 %	15.5 %	21.7 %	24.1 %	20.6 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	1.388 ppb	79.501 %	0.108 ppb	0.050 ppb	3.646 ppb	0.178 ppb	81.803 %	0.009 ppb	-0.001 ppb
Concentration per Run 1	1.365 ppb	79.455 %	0.157 ppb	0.025 ppb	3.376 ppb	0.132 ppb	82.614 %	0.011 ppb	0.002 ppb
Concentration per Run 2	1.408 ppb	75.595 %	0.088 ppb	0.109 ppb	3.795 ppb	0.185 ppb	80.220 %	0.007 ppb	-0.003 ppb
Concentration per Run 3	1.390 ppb	83.451 %	0.080 ppb	0.016 ppb	3.766 ppb	0.219 ppb	82.577 %	0.008 ppb	-0.003 ppb
Concentration RSD	1.6 %	4.9 %	39.1 %	102.6 %	6.4 %	24.4 %	1.7 %	22.8 %	182.5 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	80.775 %	0.764 ppb	0.427 ppb	2.625 ppb	86.188 %	92.491 %	0.251 ppb	0.000 ppb	8.245 ppb
Concentration per Run 1	82.390 %	0.711 ppb	0.354 ppb	2.505 ppb	87.305 %	95.512 %	0.478 ppb	-0.001 ppb	7.488 ppb
Concentration per Run 2	78.286 %	0.863 ppb	0.465 ppb	2.296 ppb	83.468 %	89.396 %	0.109 ppb	-0.002 ppb	8.563 ppb
Concentration per Run 3	81.649 %	0.720 ppb	0.461 ppb	3.073 ppb	87.791 %	92.566 %	0.167 ppb	0.003 ppb	8.683 ppb
Concentration RSD	2.7 %	11.2 %	14.8 %	15.3 %	2.7 %	3.3 %	79.1 %	10,126.4 %	8.0 %

Category	209Bi (KED AGD)
Concentration average	89.244 %
Concentration per Run 1	89.727 %
Concentration per Run 2	87.658 %
Concentration per Run 3	90.347 %
Concentration RSD	1.6 %

3/8/2018 7:23:45 AM

 Analysis index: 66
 Analysis label: L1805915-22D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 12:23:07 PM
 User name: ALPHALAB/metals-instrument
 Rack: 1
 Vial: 40

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	75.350 %	88.581 %	0.004 ppb	549.870 ppb	477.109 ppb	5.657 ppb	64.051 ppb	1,625.150 ppb	75.670 %
Concentration per Run 1	75.130 %	91.984 %	0.003 ppb	502.999 ppb	449.166 ppb	5.001 ppb	53.594 ppb	1,432.640 ppb	75.870 %
Concentration per Run 2	75.701 %	82.734 %	0.004 ppb	596.118 ppb	484.220 ppb	7.404 ppb	60.068 ppb	1,763.498 ppb	75.422 %
Concentration per Run 3	75.219 %	91.027 %	0.006 ppb	550.492 ppb	497.942 ppb	4.566 ppb	78.491 ppb	1,679.313 ppb	75.717 %
Concentration RSD	0.4 %	5.7 %	35.3 %	8.5 %	5.3 %	27.0 %	20.2 %	10.6 %	0.3 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	82.859 %	2.551 ppb	0.469 ppb	1.048 ppb	0.076 ppb	6.150 ppb	0.003 ppb	-0.375 ppb	0.027 ppb
Concentration per Run 1	82.271 %	2.175 ppb	0.491 ppb	1.066 ppb	0.075 ppb	4.443 ppb	-0.004 ppb	-0.410 ppb	-0.021 ppb
Concentration per Run 2	80.347 %	2.772 ppb	0.466 ppb	1.103 ppb	0.050 ppb	4.870 ppb	-0.004 ppb	-0.373 ppb	0.006 ppb
Concentration per Run 3	85.959 %	2.705 ppb	0.452 ppb	0.975 ppb	0.102 ppb	9.138 ppb	0.017 ppb	-0.342 ppb	0.095 ppb
Concentration RSD	3.4 %	12.8 %	4.2 %	6.3 %	34.7 %	42.2 %	390.0 %	9.0 %	228.0 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.583 ppb	77.679 %	0.220 ppb	0.077 ppb	5.840 ppb	0.183 ppb	80.789 %	0.005 ppb	0.002 ppb
Concentration per Run 1	0.614 ppb	81.026 %	0.269 ppb	-0.048 ppb	4.967 ppb	0.145 ppb	83.126 %	0.005 ppb	-0.003 ppb
Concentration per Run 2	0.549 ppb	71.375 %	0.207 ppb	0.047 ppb	6.506 ppb	0.209 ppb	77.797 %	0.004 ppb	0.002 ppb
Concentration per Run 3	0.586 ppb	80.634 %	0.184 ppb	0.232 ppb	6.046 ppb	0.193 ppb	81.445 %	0.005 ppb	0.006 ppb
Concentration RSD	5.6 %	7.0 %	20.0 %	185.0 %	13.5 %	18.2 %	3.4 %	9.1 %	257.2 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	80.480 %	0.497 ppb	0.246 ppb	10.377 ppb	84.305 %	90.293 %	0.178 ppb	-0.002 ppb	0.445 ppb
Concentration per Run 1	84.148 %	0.391 ppb	0.150 ppb	8.794 ppb	86.120 %	93.081 %	0.171 ppb	-0.002 ppb	0.389 ppb
Concentration per Run 2	75.733 %	0.437 ppb	0.269 ppb	10.828 ppb	81.410 %	86.511 %	0.166 ppb	-0.001 ppb	0.474 ppb
Concentration per Run 3	81.559 %	0.664 ppb	0.319 ppb	11.509 ppb	85.385 %	91.288 %	0.196 ppb	-0.002 ppb	0.471 ppb
Concentration RSD	5.4 %	29.3 %	35.3 %	13.6 %	3.0 %	3.8 %	9.0 %	25.3 %	10.9 %

Category	209Bi (KED AGD)
Concentration average	87.898 %
Concentration per Run 1	90.496 %
Concentration per Run 2	84.848 %
Concentration per Run 3	88.350 %
Concentration RSD	3.2 %

3/8/2018 7:23:45 AM

 Analysis index: 67 Analysis started at: 3/7/2018 12:26:58 PM Rack: 0
 Analysis label: CCV User name: ALPHALAB\metals-instrument Vial: 9

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	78.661 %	91.580 %	109.563 ppb	10,416.860 ppb	10,320.327 ppb	99.305 ppb	9,469.209 ppb	9,920.654 ppb	88.711 %
Concentration per Run 1	79.341 %	95.875 %	108.898 ppb	9,834.615 ppb	9,545.204 ppb	93.944 ppb	8,475.049 ppb	8,498.113 ppb	88.722 %
Concentration per Run 2	78.122 %	88.411 %	109.421 ppb	10,730.084 ppb	10,760.702 ppb	104.841 ppb	9,972.874 ppb	10,594.570 ppb	88.104 %
Concentration per Run 3	78.522 %	90.453 %	110.370 ppb	10,685.881 ppb	10,655.075 ppb	99.129 ppb	9,959.703 ppb	10,669.278 ppb	89.306 %
Recovery Percentage 1			109.563 %	104.169 %	103.203 %	99.305 %	94.692 %	99.207 %	
Concentration RSD	0.8 %	4.2 %	0.7 %	4.8 %	6.5 %	5.5 %	9.1 %	12.4 %	0.7 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	98.661 %	96.515 ppb	105.184 ppb	106.292 ppb	103.946 ppb	10,457.975 ppb	102.856 ppb	101.114 ppb	102.408 ppb
Concentration per Run 1	91.339 %	83.031 ppb	100.423 ppb	101.897 ppb	98.360 ppb	9,831.572 ppb	97.472 ppb	94.866 ppb	95.052 ppb
Concentration per Run 2	101.418 %	102.485 ppb	107.818 ppb	110.356 ppb	105.201 ppb	10,696.307 ppb	106.078 ppb	105.249 ppb	105.453 ppb
Concentration per Run 3	103.227 %	104.029 ppb	107.312 ppb	106.623 ppb	108.276 ppb	10,846.046 ppb	105.018 ppb	103.228 ppb	106.718 ppb
Recovery Percentage 1		96.515 %	105.184 %	106.292 %	103.946 %	104.580 %	102.856 %	101.114 %	102.408 %
Concentration RSD	6.5 %	12.1 %	3.9 %	4.0 %	4.9 %	5.2 %	4.6 %	5.4 %	6.3 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	98.880 ppb	83.943 %	100.111 ppb	104.792 ppb	102.636 ppb	104.615 ppb	84.317 %	102.645 ppb	101.638 ppb
Concentration per Run 1	92.583 ppb	83.831 %	91.943 ppb	100.986 ppb	91.097 ppb	94.843 ppb	84.774 %	94.131 ppb	91.603 ppb
Concentration per Run 2	101.599 ppb	82.374 %	102.910 ppb	108.650 ppb	108.539 ppb	109.692 ppb	84.057 %	107.012 ppb	106.086 ppb
Concentration per Run 3	102.458 ppb	85.624 %	105.478 ppb	104.739 ppb	108.272 ppb	109.310 ppb	84.121 %	106.792 ppb	107.225 ppb
Recovery Percentage 1	98.880 %		100.111 %	104.792 %	102.636 %	104.615 %		102.645 %	101.638 %
Concentration RSD	5.5 %	1.9 %	7.2 %	3.7 %	9.7 %	8.1 %	0.5 %	7.2 %	8.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	84.961 %	94.259 ppb	100.112 ppb	105.586 ppb	90.309 %	95.801 %	99.483 ppb	100.057 ppb	97.758 ppb
Concentration per Run 1	86.650 %	81.375 ppb	88.200 ppb	93.999 ppb	90.777 %	96.127 %	89.900 ppb	92.184 ppb	89.512 ppb
Concentration per Run 2	83.727 %	97.526 ppb	103.446 ppb	111.434 ppb	89.986 %	95.973 %	104.997 ppb	104.290 ppb	101.146 ppb
Concentration per Run 3	84.504 %	103.877 ppb	108.688 ppb	111.325 ppb	90.164 %	95.304 %	103.551 ppb	103.697 ppb	102.616 ppb
Recovery Percentage 1		94.259 %	100.112 %	105.586 %			99.483 %	100.057 %	97.758 %
Concentration RSD	1.8 %	12.3 %	10.6 %	9.5 %	0.5 %	0.5 %	8.4 %	6.8 %	7.3 %

Category	209Bi (KED AGD)
Concentration average	91.857 %
Concentration per Run 1	92.917 %
Concentration per Run 2	91.270 %
Concentration per Run 3	91.384 %
Recovery Percentage 1	
Concentration RSD	1.0 %

3/8/2018 7:23:45 AM

 Analysis index: 68 Analysis started at: 3/7/2018 12:30:54 PM Rack: 0
 Analysis label: CCB User name: ALPHALAB\metals-instrument Vial: 10

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	81.260 %	97.363 %	0.011 ppb	72.030 ppb	0.845 ppb	-0.088 ppb	10.534 ppb	3.605 ppb	80.299 %
Concentration per Run 1	82.421 %	97.852 %	0.006 ppb	57.035 ppb	2.898 ppb	0.539 ppb	-5.113 ppb	-7.304 ppb	81.318 %
Concentration per Run 2	81.355 %	99.575 %	0.011 ppb	56.746 ppb	0.376 ppb	-0.693 ppb	23.418 ppb	8.627 ppb	80.161 %
Concentration per Run 3	80.004 %	94.663 %	0.015 ppb	102.309 ppb	-0.738 ppb	-0.110 ppb	13.297 ppb	9.490 ppb	79.417 %
Recovery Percentage 1			2.165 %	72.030 %	0.845 %	-0.880 %	10.534 %	3.605 %	
Concentration RSD	1.5 %	2.6 %	40.4 %	36.4 %	220.3 %	700.1 %	137.3 %	262.4 %	1.2 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	89.898 %	-0.100 ppb	0.003 ppb	0.095 ppb	0.021 ppb	17.737 ppb	0.012 ppb	-0.214 ppb	0.025 ppb
Concentration per Run 1	83.258 %	-0.319 ppb	0.033 ppb	0.116 ppb	0.040 ppb	16.840 ppb	0.017 ppb	-0.133 ppb	0.020 ppb
Concentration per Run 2	98.576 %	-0.119 ppb	-0.012 ppb	0.071 ppb	0.021 ppb	17.856 ppb	-0.004 ppb	-0.290 ppb	0.014 ppb
Concentration per Run 3	87.862 %	0.137 ppb	-0.012 ppb	0.098 ppb	0.002 ppb	18.516 ppb	0.023 ppb	-0.221 ppb	0.040 ppb
Recovery Percentage 1		-20.032 %	0.051 %	9.477 %	2.118 %	35.474 %	2.381 %	-10.713 %	2.482 %
Concentration RSD	8.7 %	228.0 %	1,023.1 %	23.8 %	87.9 %	4.8 %	117.1 %	36.8 %	54.2 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.002 ppb	88.506 %	0.045 ppb	0.091 ppb	-0.010 ppb	0.358 ppb	88.805 %	0.058 ppb	0.004 ppb
Concentration per Run 1	0.042 ppb	83.571 %	0.066 ppb	0.148 ppb	-0.025 ppb	0.221 ppb	88.370 %	0.044 ppb	0.001 ppb
Concentration per Run 2	-0.059 ppb	94.003 %	0.008 ppb	0.054 ppb	-0.016 ppb	0.380 ppb	91.063 %	0.065 ppb	0.009 ppb
Concentration per Run 3	0.022 ppb	87.943 %	0.062 ppb	0.070 ppb	0.012 ppb	0.473 ppb	86.982 %	0.064 ppb	0.001 ppb
Recovery Percentage 1	0.017 %	9.086 %	1.812 %	-1.921 %		17.894 %		14.386 %	1.774 %
Concentration RSD	3,170.5 %	5.9 %	70.6 %	55.3 %	196.7 %	35.6 %	2.3 %	20.6 %	124.4 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	90.332 %	4.764 ppb	2.173 ppb	0.011 ppb	91.761 %	98.827 %	1.087 ppb	0.021 ppb	0.003 ppb
Concentration per Run 1	89.891 %	4.087 ppb	1.994 ppb	0.027 ppb	91.188 %	97.681 %	0.759 ppb	0.021 ppb	0.000 ppb
Concentration per Run 2	94.775 %	4.627 ppb	2.105 ppb	0.002 ppb	94.814 %	103.209 %	0.886 ppb	0.021 ppb	0.005 ppb
Concentration per Run 3	86.331 %	5.578 ppb	2.419 ppb	0.005 ppb	89.280 %	95.591 %	1.616 ppb	0.022 ppb	0.005 ppb
Recovery Percentage 1		158.801 %	54.323 %	2.291 %			54.344 %	4.186 %	0.675 %
Concentration RSD	4.7 %	15.9 %	10.1 %	118.2 %	3.1 %	4.0 %	42.5 %	3.0 %	80.1 %

Category	209Bi (KED AGD)
Concentration average	95.310 %
Concentration per Run 1	93.930 %
Concentration per Run 2	99.928 %
Concentration per Run 3	92.071 %
Recovery Percentage 1	
Concentration RSD	4.3 %

3/8/2018 7:23:45 AM

 Analysis index: 69
 Analysis label: WG1095278-1D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 12:36:05 PM
 User name: ALPHALAB\metals-instrument

 Rack: 1
 Vial: 42

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	77.030 %	88.007 %	0.007 ppb	303.632 ppb	3.926 ppb	1.865 ppb	15.260 ppb	17.739 ppb	74.980 %
Concentration per Run 1	76.959 %	87.327 %	0.010 ppb	289.799 ppb	4.437 ppb	1.435 ppb	17.275 ppb	5.285 ppb	74.802 %
Concentration per Run 2	76.614 %	89.432 %	0.005 ppb	299.821 ppb	5.520 ppb	1.880 ppb	10.332 ppb	23.788 ppb	74.441 %
Concentration per Run 3	77.516 %	87.263 %	0.007 ppb	321.274 ppb	1.819 ppb	2.280 ppb	18.174 ppb	24.143 ppb	75.697 %
Concentration RSD	0.6 %	1.4 %	31.2 %	5.3 %	48.5 %	22.7 %	28.1 %	60.8 %	0.9 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	85.043 %	-0.051 ppb	0.024 ppb	0.147 ppb	-0.004 ppb	14.245 ppb	0.003 ppb	-0.272 ppb	0.002 ppb
Concentration per Run 1	83.023 %	-0.148 ppb	-0.012 ppb	0.164 ppb	0.040 ppb	7.154 ppb	0.010 ppb	-0.294 ppb	0.007 ppb
Concentration per Run 2	86.805 %	-0.217 ppb	0.097 ppb	0.022 ppb	-0.026 ppb	15.277 ppb	0.003 ppb	-0.297 ppb	0.051 ppb
Concentration per Run 3	85.301 %	0.213 ppb	-0.012 ppb	0.255 ppb	-0.025 ppb	20.305 ppb	-0.004 ppb	-0.224 ppb	-0.051 ppb
Concentration RSD	2.2 %	456.8 %	262.8 %	79.7 %	1,067.8 %	46.6 %	225.3 %	15.1 %	2,421.2 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.520 ppb	81.351 %	0.025 ppb	0.091 ppb	0.047 ppb	0.111 ppb	82.992 %	0.059 ppb	-0.001 ppb
Concentration per Run 1	0.388 ppb	82.718 %	0.010 ppb	-0.051 ppb	0.105 ppb	0.071 ppb	83.056 %	0.070 ppb	-0.003 ppb
Concentration per Run 2	0.584 ppb	80.547 %	0.054 ppb	0.232 ppb	-0.013 ppb	0.132 ppb	82.505 %	0.054 ppb	0.006 ppb
Concentration per Run 3	0.587 ppb	80.787 %	0.010 ppb	0.091 ppb	0.051 ppb	0.130 ppb	83.414 %	0.054 ppb	-0.008 ppb
Concentration RSD	21.9 %	1.5 %	101.4 %	155.6 %	124.2 %	31.4 %	0.6 %	16.0 %	476.8 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	83.018 %	2.152 ppb	0.667 ppb	0.039 ppb	87.446 %	93.936 %	0.268 ppb	0.007 ppb	0.101 ppb
Concentration per Run 1	82.626 %	1.812 ppb	0.639 ppb	0.032 ppb	87.016 %	90.830 %	0.235 ppb	0.008 ppb	0.090 ppb
Concentration per Run 2	81.865 %	2.433 ppb	0.694 ppb	0.032 ppb	87.260 %	94.758 %	0.268 ppb	0.007 ppb	0.110 ppb
Concentration per Run 3	84.563 %	2.212 ppb	0.669 ppb	0.054 ppb	88.060 %	96.220 %	0.299 ppb	0.005 ppb	0.103 ppb
Concentration RSD	1.7 %	14.6 %	4.2 %	33.3 %	0.6 %	3.0 %	11.9 %	28.8 %	9.8 %

Category	209Bi (KED AGD)
Concentration average	91.064 %
Concentration per Run 1	91.311 %
Concentration per Run 2	89.174 %
Concentration per Run 3	92.707 %
Concentration RSD	2.0 %

3/8/2018 7:23:45 AM

 Analysis index: 70 Analysis started at: 3/7/2018 12:39:57 PM Rack: 1
 Analysis label: WG1095170-1 6020TL User name: ALPHALAB\metals-instrument Vial: 47

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	76.103 %	91.686 %	0.005 ppb	84.273 ppb	0.732 ppb	0.852 ppb	11.716 ppb	-0.043 ppb	74.784 %
Concentration per Run 1	76.042 %	96.640 %	0.005 ppb	73.879 ppb	-0.129 ppb	-0.092 ppb	3.485 ppb	-0.604 ppb	75.495 %
Concentration per Run 2	76.003 %	89.751 %	0.008 ppb	78.086 ppb	1.149 ppb	0.811 ppb	3.636 ppb	0.230 ppb	74.159 %
Concentration per Run 3	76.264 %	88.666 %	0.002 ppb	100.853 ppb	1.176 ppb	1.838 ppb	28.027 ppb	0.245 ppb	74.698 %
Concentration RSD	0.2 %	4.7 %	66.1 %	17.2 %	101.9 %	113.3 %	120.6 %	1,120.9 %	0.9 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	84.479 %	-0.156 ppb	0.017 ppb	0.079 ppb	0.092 ppb	8.252 ppb	0.001 ppb	-0.413 ppb	0.045 ppb
Concentration per Run 1	83.798 %	-0.259 ppb	0.054 ppb	0.096 ppb	0.134 ppb	5.608 ppb	0.010 ppb	-0.415 ppb	0.060 ppb
Concentration per Run 2	85.536 %	-0.186 ppb	-0.012 ppb	0.095 ppb	0.135 ppb	7.089 ppb	-0.004 ppb	-0.412 ppb	0.008 ppb
Concentration per Run 3	84.103 %	-0.022 ppb	0.010 ppb	0.047 ppb	0.008 ppb	12.061 ppb	-0.004 ppb	-0.411 ppb	0.067 ppb
Concentration RSD	1.1 %	77.9 %	196.6 %	35.4 %	79.3 %	41.0 %	1,126.6 %	0.5 %	72.2 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.267 ppb	82.397 %	0.039 ppb	-0.027 ppb	0.046 ppb	0.027 ppb	83.801 %	0.015 ppb	-0.006 ppb
Concentration per Run 1	0.233 ppb	85.517 %	0.023 ppb	-0.055 ppb	0.036 ppb	-0.004 ppb	87.094 %	0.011 ppb	-0.008 ppb
Concentration per Run 2	0.397 ppb	80.607 %	0.054 ppb	0.092 ppb	0.044 ppb	0.028 ppb	81.638 %	0.012 ppb	-0.003 ppb
Concentration per Run 3	0.171 ppb	81.068 %	0.039 ppb	-0.117 ppb	0.059 ppb	0.057 ppb	82.673 %	0.021 ppb	-0.008 ppb
Concentration RSD	43.8 %	3.3 %	39.4 %	402.4 %	25.3 %	114.6 %	3.5 %	35.1 %	43.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	84.687 %	1.226 ppb	0.362 ppb	0.039 ppb	88.344 %	95.432 %	0.069 ppb	0.000 ppb	-0.015 ppb
Concentration per Run 1	88.169 %	1.023 ppb	0.298 ppb	-0.019 ppb	90.494 %	99.177 %	0.023 ppb	-0.001 ppb	-0.019 ppb
Concentration per Run 2	82.792 %	1.380 ppb	0.349 ppb	0.032 ppb	85.979 %	92.480 %	0.085 ppb	0.000 ppb	-0.013 ppb
Concentration per Run 3	83.099 %	1.273 ppb	0.439 ppb	0.103 ppb	88.560 %	94.638 %	0.100 ppb	0.000 ppb	-0.013 ppb
Concentration RSD	3.6 %	15.0 %	19.6 %	157.5 %	2.6 %	3.6 %	59.4 %	252.7 %	24.6 %

Category	209Bi (KED AGD)
Concentration average	93.780 %
Concentration per Run 1	95.814 %
Concentration per Run 2	91.693 %
Concentration per Run 3	93.834 %
Concentration RSD	2.2 %

3/8/2018 7:23:45 AM

 Analysis index: 71 Analysis started at: 3/7/2018 12:43:50 PM Rack: 1
 Analysis label: WG1095170-2D5 6020TL User name: ALPHALAB/metals-instrument Vial: 48

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	76.993 %	96.172 %	9.734 ppb	2,350.841 ppb	2,256.062 ppb	409.807 ppb	2,021.023 ppb	2,253.219 ppb	76.388 %
Concentration per Run 1	77.782 %	101.616 %	9.748 ppb	2,176.352 ppb	2,134.351 ppb	393.413 ppb	1,938.479 ppb	2,108.868 ppb	76.813 %
Concentration per Run 2	76.315 %	94.344 %	9.742 ppb	2,456.971 ppb	2,242.901 ppb	413.495 ppb	1,968.083 ppb	2,342.301 ppb	75.762 %
Concentration per Run 3	76.882 %	92.558 %	9.713 ppb	2,419.201 ppb	2,390.933 ppb	422.515 ppb	2,156.506 ppb	2,308.486 ppb	76.588 %
Concentration RSD	1.0 %	5.0 %	0.2 %	6.5 %	5.7 %	3.6 %	5.9 %	5.6 %	0.7 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	88.911 %	169.912 ppb	95.849 ppb	47.845 ppb	116.905 ppb	221.133 ppb	111.584 ppb	111.166 ppb	53.589 ppb
Concentration per Run 1	92.067 %	156.368 ppb	84.749 ppb	42.480 ppb	106.724 ppb	191.423 ppb	97.666 ppb	98.351 ppb	47.567 ppb
Concentration per Run 2	85.607 %	171.003 ppb	99.117 ppb	49.658 ppb	122.251 ppb	222.877 ppb	117.132 ppb	117.423 ppb	55.765 ppb
Concentration per Run 3	89.060 %	182.365 ppb	103.681 ppb	51.397 ppb	121.740 ppb	249.099 ppb	119.956 ppb	117.724 ppb	57.436 ppb
Concentration RSD	3.6 %	7.7 %	10.3 %	9.9 %	7.5 %	13.1 %	10.9 %	10.0 %	9.9 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	112.886 ppb	83.685 %	25.800 ppb	25.335 ppb	212.859 ppb	207.130 ppb	85.329 %	11.118 ppb	11.443 ppb
Concentration per Run 1	100.779 ppb	88.988 %	23.102 ppb	24.490 ppb	193.002 ppb	186.951 ppb	89.679 %	9.907 ppb	9.911 ppb
Concentration per Run 2	118.270 ppb	81.686 %	27.224 ppb	27.481 ppb	220.873 ppb	214.076 ppb	83.232 %	11.584 ppb	12.235 ppb
Concentration per Run 3	119.608 ppb	80.380 %	27.073 ppb	24.035 ppb	224.701 ppb	220.361 ppb	83.074 %	11.863 ppb	12.183 ppb
Concentration RSD	9.3 %	5.5 %	9.1 %	7.4 %	8.1 %	8.6 %	4.4 %	9.5 %	11.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	85.664 %	189.420 ppb	119.592 ppb	433.849 ppb	90.334 %	97.487 %	0.082 ppb	24.646 ppb	105.779 ppb
Concentration per Run 1	92.567 %	165.799 ppb	105.252 ppb	383.686 ppb	94.816 %	105.100 %	0.024 ppb	22.329 ppb	93.633 ppb
Concentration per Run 2	81.350 %	198.678 ppb	124.825 ppb	458.749 ppb	88.682 %	93.322 %	0.095 ppb	25.607 ppb	111.542 ppb
Concentration per Run 3	83.073 %	203.783 ppb	128.701 ppb	459.113 ppb	87.505 %	94.040 %	0.128 ppb	26.001 ppb	112.161 ppb
Concentration RSD	7.1 %	10.9 %	10.5 %	10.0 %	4.3 %	6.8 %	64.5 %	8.2 %	9.9 %

Category	209Bi (KED AGD)
Concentration average	92.577 %
Concentration per Run 1	98.668 %
Concentration per Run 2	89.076 %
Concentration per Run 3	89.986 %
Concentration RSD	5.7 %

3/8/2018 7:23:45 AM

 Analysis index: 72
 Analysis label: WG1095278-2D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 12:47:44 PM
 User name: ALPHALAB\metals-instrument

 Rack: 1
 Vial: 43

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	72.462 %	91.473 %	6.672 ppb	1,480.582 ppb	1,220.304 ppb	256.645 ppb	1,031.538 ppb	848.718 ppb	70.881 %
Concentration per Run 1	74.474 %	92.302 %	6.081 ppb	1,424.021 ppb	1,158.661 ppb	246.468 ppb	1,032.840 ppb	798.426 ppb	73.071 %
Concentration per Run 2	74.293 %	89.496 %	6.455 ppb	1,512.826 ppb	1,272.237 ppb	260.498 ppb	1,088.339 ppb	858.084 ppb	72.901 %
Concentration per Run 3	68.617 %	92.621 %	7.481 ppb	1,504.900 ppb	1,230.012 ppb	262.969 ppb	973.436 ppb	889.644 ppb	66.671 %
Concentration RSD	4.6 %	1.9 %	10.9 %	3.3 %	4.7 %	3.5 %	5.6 %	5.5 %	5.1 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	86.367 %	90.597 ppb	61.181 ppb	24.360 ppb	60.403 ppb	123.824 ppb	57.456 ppb	57.969 ppb	27.890 ppb
Concentration per Run 1	89.249 %	85.577 ppb	58.848 ppb	22.662 ppb	57.231 ppb	125.310 ppb	52.935 ppb	53.397 ppb	26.965 ppb
Concentration per Run 2	88.308 %	95.860 ppb	61.077 ppb	24.684 ppb	60.925 ppb	107.963 ppb	58.745 ppb	59.235 ppb	28.326 ppb
Concentration per Run 3	81.543 %	90.354 ppb	63.620 ppb	25.734 ppb	63.052 ppb	138.198 ppb	60.689 ppb	61.274 ppb	28.379 ppb
Concentration RSD	4.9 %	5.7 %	3.9 %	6.4 %	4.9 %	12.3 %	7.0 %	7.1 %	2.9 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	57.901 ppb	81.651 %	13.403 ppb	14.363 ppb	111.042 ppb	108.171 ppb	82.569 %	5.955 ppb	5.957 ppb
Concentration per Run 1	54.378 ppb	82.876 %	12.595 ppb	13.325 ppb	107.019 ppb	100.817 ppb	83.878 %	5.615 ppb	5.541 ppb
Concentration per Run 2	58.936 ppb	81.529 %	14.160 ppb	15.135 ppb	112.217 ppb	110.002 ppb	82.540 %	6.190 ppb	5.997 ppb
Concentration per Run 3	60.390 ppb	80.548 %	13.452 ppb	14.630 ppb	113.890 ppb	113.692 ppb	81.288 %	6.062 ppb	6.333 ppb
Concentration RSD	5.4 %	1.4 %	5.8 %	6.5 %	3.2 %	6.1 %	1.6 %	5.1 %	6.7 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	82.786 %	137.067 ppb	70.349 ppb	228.582 ppb	87.407 %	95.172 %	0.127 ppb	12.391 ppb	54.810 ppb
Concentration per Run 1	85.565 %	125.299 ppb	65.995 ppb	215.126 ppb	88.390 %	98.786 %	0.093 ppb	11.423 ppb	50.788 ppb
Concentration per Run 2	82.845 %	141.014 ppb	72.881 ppb	235.076 ppb	87.102 %	94.590 %	0.113 ppb	12.682 ppb	55.984 ppb
Concentration per Run 3	79.947 %	144.887 ppb	72.170 ppb	235.543 ppb	86.728 %	92.139 %	0.174 ppb	13.068 ppb	57.658 ppb
Concentration RSD	3.4 %	7.6 %	5.4 %	5.1 %	1.0 %	3.5 %	33.5 %	6.9 %	6.5 %

Category	209Bi (KED AGD)
Concentration average	91.670 %
Concentration per Run 1	93.546 %
Concentration per Run 2	91.631 %
Concentration per Run 3	89.833 %
Concentration RSD	2.0 %

3/8/2018 7:23:45 AM

 Analysis index: 73 Analysis started at: 3/7/2018 12:51:36 PM Rack: 1
 Analysis label: L1807395-03 6020TL User name: ALPHALAB\metals-instrument Vial: 49

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	75.635 %	94.663 %	0.031 ppb	15,586.538 ppb	4,298.479 ppb	181.355 ppb	1,992.089 ppb	8,122.368 ppb	77.075 %
Concentration per Run 1	76.394 %	97.725 %	0.034 ppb	13,975.039 ppb	3,848.846 ppb	154.021 ppb	1,665.664 ppb	6,949.215 ppb	77.856 %
Concentration per Run 2	75.271 %	97.023 %	0.034 ppb	16,411.093 ppb	4,577.549 ppb	206.070 ppb	2,203.134 ppb	8,987.843 ppb	76.269 %
Concentration per Run 3	75.240 %	89.240 %	0.023 ppb	16,373.483 ppb	4,469.043 ppb	183.973 ppb	2,107.468 ppb	8,430.045 ppb	77.100 %
Concentration RSD	0.9 %	5.0 %	21.1 %	9.0 %	9.1 %	14.4 %	14.4 %	13.0 %	1.0 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	88.919 %	17.356 ppb	0.559 ppb	2.245 ppb	37.106 ppb	2,953.150 ppb	0.468 ppb	0.569 ppb	1.261 ppb
Concentration per Run 1	83.680 %	13.012 ppb	0.553 ppb	2.085 ppb	31.838 ppb	2,773.487 ppb	0.379 ppb	0.663 ppb	1.079 ppb
Concentration per Run 2	94.370 %	18.481 ppb	0.529 ppb	2.237 ppb	39.909 ppb	2,981.677 ppb	0.480 ppb	0.313 ppb	1.310 ppb
Concentration per Run 3	88.708 %	20.575 ppb	0.594 ppb	2.414 ppb	39.572 ppb	3,104.285 ppb	0.543 ppb	0.730 ppb	1.392 ppb
Concentration RSD	6.0 %	22.5 %	5.8 %	7.3 %	12.3 %	5.7 %	17.7 %	39.3 %	12.9 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	1.701 ppb	82.913 %	4.615 ppb	0.157 ppb	41.941 ppb	1.124 ppb	83.237 %	0.018 ppb	0.017 ppb
Concentration per Run 1	1.520 ppb	79.904 %	4.362 ppb	0.164 ppb	36.530 ppb	0.843 ppb	83.462 %	0.022 ppb	0.020 ppb
Concentration per Run 2	1.856 ppb	90.189 %	4.681 ppb	0.065 ppb	44.767 ppb	1.279 ppb	84.226 %	0.017 ppb	0.014 ppb
Concentration per Run 3	1.727 ppb	78.646 %	4.801 ppb	0.241 ppb	44.525 ppb	1.251 ppb	82.023 %	0.014 ppb	0.016 ppb
Concentration RSD	10.0 %	7.6 %	4.9 %	56.1 %	11.2 %	21.7 %	1.3 %	23.1 %	17.0 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	84.510 %	8.896 ppb	0.781 ppb	3.780 ppb	88.201 %	96.261 %	1.207 ppb	0.045 ppb	0.191 ppb
Concentration per Run 1	83.629 %	8.381 ppb	0.632 ppb	3.565 ppb	86.904 %	94.297 %	1.089 ppb	0.033 ppb	0.174 ppb
Concentration per Run 2	88.009 %	8.886 ppb	0.871 ppb	4.009 ppb	90.506 %	100.697 %	1.212 ppb	0.050 ppb	0.205 ppb
Concentration per Run 3	81.891 %	9.420 ppb	0.842 ppb	3.768 ppb	87.193 %	93.789 %	1.320 ppb	0.052 ppb	0.194 ppb
Concentration RSD	3.7 %	5.8 %	16.7 %	5.9 %	2.3 %	4.0 %	9.6 %	23.0 %	8.0 %

Category	209Bi (KED AGD)
Concentration average	92.097 %
Concentration per Run 1	91.763 %
Concentration per Run 2	95.286 %
Concentration per Run 3	89.242 %
Concentration RSD	3.3 %

3/8/2018 7:23:45 AM

 Analysis index: 74 Analysis started at: 3/7/2018 12:55:27 PM Rack: 1
 Analysis label: L1807553-01 6020TL User name: ALPHALAB\metals-instrument Vial: 50

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	74.975 %	94.556 %	0.008 ppb	2,035.452 ppb	3,628.923 ppb	32.802 ppb	468.768 ppb	29,736.832 ppb	74.944 %
Concentration per Run 1	76.209 %	92.047 %	0.010 ppb	1,891.068 ppb	3,374.968 ppb	29.066 ppb	415.538 ppb	27,203.663 ppb	75.353 %
Concentration per Run 2	74.319 %	95.747 %	0.010 ppb	2,084.897 ppb	3,756.139 ppb	34.494 ppb	440.003 ppb	28,833.951 ppb	74.254 %
Concentration per Run 3	74.397 %	95.875 %	0.003 ppb	2,130.392 ppb	3,755.662 ppb	34.847 ppb	550.763 ppb	33,172.882 ppb	75.226 %
Concentration RSD	1.4 %	2.3 %	49.8 %	6.2 %	6.1 %	9.9 %	15.4 %	10.4 %	0.8 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	86.852 %	40.941 ppb	0.038 ppb	0.281 ppb	8.825 ppb	22.044 ppb	0.003 ppb	-0.331 ppb	14.276 ppb
Concentration per Run 1	83.258 %	37.234 ppb	0.056 ppb	0.283 ppb	7.767 ppb	16.470 ppb	-0.004 ppb	-0.386 ppb	13.064 ppb
Concentration per Run 2	82.177 %	39.939 ppb	0.010 ppb	0.279 ppb	9.952 ppb	22.851 ppb	0.010 ppb	-0.315 ppb	15.032 ppb
Concentration per Run 3	95.122 %	45.651 ppb	0.048 ppb	0.280 ppb	8.755 ppb	26.810 ppb	0.003 ppb	-0.292 ppb	14.731 ppb
Concentration RSD	8.3 %	10.5 %	63.7 %	0.7 %	12.4 %	23.7 %	236.2 %	14.7 %	7.4 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	10.530 ppb	82.035 %	0.152 ppb	-0.006 ppb	58.136 ppb	0.195 ppb	82.363 %	0.005 ppb	0.044 ppb
Concentration per Run 1	9.937 ppb	79.994 %	0.112 ppb	-0.187 ppb	52.606 ppb	0.117 ppb	82.381 %	0.011 ppb	0.033 ppb
Concentration per Run 2	11.212 ppb	81.476 %	0.182 ppb	0.090 ppb	58.792 ppb	0.266 ppb	82.247 %	0.002 ppb	0.024 ppb
Concentration per Run 3	10.443 ppb	84.634 %	0.161 ppb	0.081 ppb	63.011 ppb	0.203 ppb	82.460 %	0.002 ppb	0.075 ppb
Concentration RSD	6.1 %	2.9 %	23.5 %	2,820.0 %	9.0 %	38.2 %	0.1 %	99.5 %	60.7 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	86.131 %	3.897 ppb	0.404 ppb	163.663 ppb	89.990 %	96.665 %	0.058 ppb	0.009 ppb	0.143 ppb
Concentration per Run 1	84.041 %	3.104 ppb	0.343 ppb	147.926 ppb	87.442 %	93.987 %	0.042 ppb	0.003 ppb	0.126 ppb
Concentration per Run 2	83.715 %	4.354 ppb	0.417 ppb	169.109 ppb	89.527 %	95.958 %	0.073 ppb	0.013 ppb	0.147 ppb
Concentration per Run 3	90.636 %	4.233 ppb	0.452 ppb	173.954 ppb	93.000 %	100.050 %	0.060 ppb	0.011 ppb	0.155 ppb
Concentration RSD	4.5 %	17.7 %	13.7 %	8.5 %	3.1 %	3.2 %	26.2 %	56.0 %	10.6 %

Category	209Bi (KED AGD)
Concentration average	91.082 %
Concentration per Run 1	90.891 %
Concentration per Run 2	90.175 %
Concentration per Run 3	92.181 %
Concentration RSD	1.1 %

3/8/2018 7:23:45 AM

 Analysis index: 75
 Analysis label: L1805915-25D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 12:59:19 PM
 User name: ALPHALAB/metals-instrument
 Rack: 1
 Vial: 41

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	76.627 %	89.262 %	0.009 ppb	613.135 ppb	189.701 ppb	16.767 ppb	65.120 ppb	3,419.647 ppb	75.271 %
Concentration per Run 1	75.843 %	94.535 %	0.008 ppb	496.096 ppb	152.330 ppb	12.092 ppb	32.055 ppb	2,880.214 ppb	74.423 %
Concentration per Run 2	76.482 %	81.905 %	0.007 ppb	665.269 ppb	206.869 ppb	18.409 ppb	82.397 ppb	3,717.629 ppb	74.725 %
Concentration per Run 3	77.555 %	91.346 %	0.013 ppb	678.040 ppb	209.905 ppb	19.799 ppb	80.909 ppb	3,661.097 ppb	76.665 %
Concentration RSD	1.1 %	7.4 %	34.2 %	16.6 %	17.1 %	24.5 %	44.0 %	13.7 %	1.6 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	85.920 %	4.961 ppb	0.305 ppb	0.684 ppb	0.399 ppb	14.088 ppb	0.003 ppb	-0.356 ppb	0.458 ppb
Concentration per Run 1	81.942 %	4.257 ppb	0.309 ppb	0.683 ppb	0.440 ppb	9.488 ppb	-0.004 ppb	-0.409 ppb	0.413 ppb
Concentration per Run 2	83.633 %	4.796 ppb	0.350 ppb	0.736 ppb	0.400 ppb	10.768 ppb	0.003 ppb	-0.434 ppb	0.484 ppb
Concentration per Run 3	92.185 %	5.829 ppb	0.256 ppb	0.632 ppb	0.359 ppb	22.009 ppb	0.009 ppb	-0.224 ppb	0.479 ppb
Concentration RSD	6.4 %	16.1 %	15.4 %	7.6 %	10.1 %	48.9 %	230.1 %	32.1 %	8.6 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	1.380 ppb	82.045 %	0.120 ppb	0.105 ppb	6.348 ppb	0.242 ppb	84.069 %	0.003 ppb	0.003 ppb
Concentration per Run 1	1.334 ppb	80.143 %	0.112 ppb	-0.117 ppb	5.310 ppb	0.173 ppb	84.398 %	0.001 ppb	0.006 ppb
Concentration per Run 2	1.545 ppb	80.038 %	0.185 ppb	0.094 ppb	6.754 ppb	0.328 ppb	82.050 %	0.008 ppb	0.002 ppb
Concentration per Run 3	1.261 ppb	85.952 %	0.064 ppb	0.338 ppb	6.980 ppb	0.224 ppb	85.758 %	0.000 ppb	0.001 ppb
Concentration RSD	10.7 %	4.1 %	50.7 %	216.9 %	14.3 %	32.6 %	2.2 %	139.1 %	95.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	84.824 %	2.197 ppb	0.424 ppb	13.206 ppb	88.442 %	96.393 %	0.129 ppb	0.003 ppb	3.156 ppb
Concentration per Run 1	83.002 %	1.850 ppb	0.358 ppb	11.232 ppb	88.036 %	95.539 %	0.095 ppb	-0.001 ppb	2.770 ppb
Concentration per Run 2	82.284 %	2.374 ppb	0.402 ppb	13.440 ppb	85.410 %	92.215 %	0.130 ppb	0.002 ppb	3.329 ppb
Concentration per Run 3	89.185 %	2.367 ppb	0.513 ppb	14.946 ppb	91.880 %	101.426 %	0.164 ppb	0.008 ppb	3.369 ppb
Concentration RSD	4.5 %	13.7 %	18.8 %	14.1 %	3.7 %	4.8 %	26.7 %	148.0 %	10.6 %

Category	209Bi (KED AGD)
Concentration average	92.978 %
Concentration per Run 1	93.572 %
Concentration per Run 2	89.807 %
Concentration per Run 3	95.555 %
Concentration RSD	3.1 %

3/8/2018 7:23:45 AM

 Analysis index: 76
 Analysis label: L1805656-03D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 1:03:10 PM
 User name: ALPHALAB/metals-instrument
 Rack: 1
 Vial: 44

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	74.620 %	88.688 %	0.015 ppb	1,516.173 ppb	188.402 ppb	191.543 ppb	50.622 ppb	1,181.115 ppb	73.798 %
Concentration per Run 1	74.555 %	88.156 %	0.013 ppb	1,410.365 ppb	163.529 ppb	166.933 ppb	44.779 ppb	1,048.572 ppb	73.958 %
Concentration per Run 2	74.902 %	93.515 %	0.016 ppb	1,506.921 ppb	183.213 ppb	195.274 ppb	40.379 ppb	1,197.686 ppb	74.003 %
Concentration per Run 3	74.402 %	84.392 %	0.017 ppb	1,631.234 ppb	218.463 ppb	212.422 ppb	66.707 ppb	1,297.088 ppb	73.433 %
Concentration RSD	0.3 %	5.2 %	13.0 %	7.3 %	14.8 %	12.0 %	27.9 %	10.6 %	0.4 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	84.369 %	7.091 ppb	1.180 ppb	0.803 ppb	14.420 ppb	195.672 ppb	0.176 ppb	-0.164 ppb	1.000 ppb
Concentration per Run 1	84.291 %	5.339 ppb	1.071 ppb	0.588 ppb	12.952 ppb	179.477 ppb	0.160 ppb	-0.193 ppb	0.911 ppb
Concentration per Run 2	83.375 %	5.624 ppb	1.259 ppb	0.778 ppb	15.299 ppb	202.107 ppb	0.210 ppb	-0.147 ppb	1.067 ppb
Concentration per Run 3	85.442 %	10.310 ppb	1.210 ppb	1.042 ppb	15.008 ppb	205.433 ppb	0.157 ppb	-0.153 ppb	1.021 ppb
Concentration RSD	1.2 %	39.4 %	8.2 %	28.4 %	8.9 %	7.2 %	16.8 %	15.4 %	8.0 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	3.957 ppb	79.525 %	0.221 ppb	0.048 ppb	3.932 ppb	0.184 ppb	81.383 %	0.018 ppb	0.017 ppb
Concentration per Run 1	3.688 ppb	78.407 %	0.218 ppb	0.099 ppb	4.015 ppb	0.133 ppb	82.177 %	0.022 ppb	0.016 ppb
Concentration per Run 2	4.221 ppb	79.754 %	0.273 ppb	-0.187 ppb	3.825 ppb	0.135 ppb	80.452 %	0.014 ppb	0.021 ppb
Concentration per Run 3	3.961 ppb	80.413 %	0.170 ppb	0.233 ppb	3.954 ppb	0.284 ppb	81.519 %	0.017 ppb	0.016 ppb
Concentration RSD	6.7 %	1.3 %	23.5 %	443.5 %	2.5 %	46.9 %	1.1 %	23.4 %	16.9 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	81.169 %	1.953 ppb	0.365 ppb	5.412 ppb	86.136 %	92.420 %	0.078 ppb	0.003 ppb	29.199 ppb
Concentration per Run 1	82.138 %	1.677 ppb	0.294 ppb	4.470 ppb	87.334 %	92.666 %	0.060 ppb	0.001 ppb	26.696 ppb
Concentration per Run 2	80.429 %	2.213 ppb	0.386 ppb	6.044 ppb	85.491 %	93.228 %	0.088 ppb	0.003 ppb	30.476 ppb
Concentration per Run 3	80.940 %	1.968 ppb	0.416 ppb	5.723 ppb	85.584 %	91.367 %	0.086 ppb	0.005 ppb	30.423 ppb
Concentration RSD	1.1 %	13.8 %	17.4 %	15.4 %	1.2 %	1.0 %	20.4 %	63.8 %	7.4 %

Category	209Bi (KED AGD)
Concentration average	90.276 %
Concentration per Run 1	90.805 %
Concentration per Run 2	89.054 %
Concentration per Run 3	90.970 %
Concentration RSD	1.2 %

3/8/2018 7:23:45 AM

 Analysis index: 77
 Analysis label: L1805656-09D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 1:07:02 PM
 User name: ALPHALAB/metals-instrument
 Rack: 1
 Vial: 45

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	74.241 %	86.923 %	0.010 ppb	1,230.406 ppb	76.744 ppb	86.276 ppb	34.398 ppb	1,023.335 ppb	74.025 %
Concentration per Run 1	74.457 %	88.794 %	0.006 ppb	1,162.338 ppb	64.480 ppb	77.704 ppb	27.036 ppb	916.521 ppb	73.506 %
Concentration per Run 2	73.933 %	87.582 %	0.013 ppb	1,243.372 ppb	82.860 ppb	88.437 ppb	37.772 ppb	1,102.837 ppb	74.186 %
Concentration per Run 3	74.334 %	84.392 %	0.012 ppb	1,285.508 ppb	82.890 ppb	92.688 ppb	38.385 ppb	1,050.646 ppb	74.382 %
Concentration RSD	0.4 %	2.6 %	34.8 %	5.1 %	13.8 %	9.0 %	18.6 %	9.4 %	0.6 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	82.749 %	3.282 ppb	0.567 ppb	0.284 ppb	1.833 ppb	65.393 ppb	0.030 ppb	-0.280 ppb	0.255 ppb
Concentration per Run 1	79.805 %	2.750 ppb	0.669 ppb	0.218 ppb	1.764 ppb	55.496 ppb	0.033 ppb	-0.235 ppb	0.313 ppb
Concentration per Run 2	85.254 %	3.742 ppb	0.568 ppb	0.250 ppb	1.331 ppb	68.058 ppb	0.024 ppb	-0.340 ppb	0.187 ppb
Concentration per Run 3	83.187 %	3.355 ppb	0.465 ppb	0.385 ppb	2.405 ppb	72.626 ppb	0.032 ppb	-0.265 ppb	0.264 ppb
Concentration RSD	3.3 %	15.2 %	18.0 %	31.4 %	29.5 %	13.6 %	15.4 %	19.2 %	25.1 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.860 ppb	79.593 %	0.089 ppb	0.096 ppb	1.995 ppb	0.079 ppb	81.378 %	0.005 ppb	-0.006 ppb
Concentration per Run 1	0.702 ppb	79.751 %	0.054 ppb	-0.046 ppb	1.745 ppb	0.028 ppb	82.034 %	0.004 ppb	-0.003 ppb
Concentration per Run 2	0.976 ppb	79.485 %	0.099 ppb	0.096 ppb	2.326 ppb	0.073 ppb	81.571 %	0.009 ppb	-0.008 ppb
Concentration per Run 3	0.903 ppb	79.545 %	0.113 ppb	0.238 ppb	1.913 ppb	0.135 ppb	80.529 %	0.002 ppb	-0.008 ppb
Concentration RSD	16.5 %	0.2 %	34.5 %	148.0 %	15.0 %	68.7 %	0.9 %	70.7 %	44.3 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	81.107 %	1.588 ppb	0.290 ppb	1.413 ppb	84.518 %	91.483 %	0.085 ppb	0.001 ppb	2.195 ppb
Concentration per Run 1	80.923 %	1.142 ppb	0.187 ppb	1.313 ppb	84.709 %	90.952 %	0.038 ppb	-0.001 ppb	1.981 ppb
Concentration per Run 2	82.473 %	2.069 ppb	0.313 ppb	1.339 ppb	83.082 %	91.520 %	0.104 ppb	0.002 ppb	2.324 ppb
Concentration per Run 3	79.924 %	1.552 ppb	0.369 ppb	1.588 ppb	85.764 %	91.978 %	0.113 ppb	0.003 ppb	2.280 ppb
Concentration RSD	1.6 %	29.3 %	32.3 %	10.8 %	1.6 %	0.6 %	48.3 %	156.4 %	8.5 %

Category	209Bi (KED AGD)
Concentration average	89.161 %
Concentration per Run 1	90.154 %
Concentration per Run 2	87.781 %
Concentration per Run 3	89.548 %
Concentration RSD	1.4 %

3/8/2018 7:23:45 AM

 Analysis index: 78
 Analysis label: L1805656-13D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 1:10:55 PM
 User name: ALPHALAB/metals-instrument
 Rack: 1
 Vial: 46

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	74.804 %	88.773 %	0.006 ppb	1,293.406 ppb	137.780 ppb	19.740 ppb	40.195 ppb	1,219.769 ppb	74.620 %
Concentration per Run 1	74.671 %	93.259 %	0.004 ppb	1,119.956 ppb	121.432 ppb	18.705 ppb	37.778 ppb	1,025.959 ppb	74.497 %
Concentration per Run 2	75.139 %	85.030 %	0.010 ppb	1,409.758 ppb	134.268 ppb	18.564 ppb	52.975 ppb	1,272.149 ppb	75.527 %
Concentration per Run 3	74.603 %	88.028 %	0.004 ppb	1,350.503 ppb	157.640 ppb	21.951 ppb	29.831 ppb	1,361.198 ppb	73.836 %
Concentration RSD	0.4 %	4.7 %	57.0 %	11.8 %	13.3 %	9.7 %	29.3 %	14.2 %	1.1 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	83.712 %	1.761 ppb	0.434 ppb	0.234 ppb	0.424 ppb	23.160 ppb	0.032 ppb	-0.224 ppb	0.470 ppb
Concentration per Run 1	83.093 %	1.373 ppb	0.422 ppb	0.117 ppb	0.208 ppb	21.692 ppb	0.011 ppb	-0.117 ppb	0.254 ppb
Concentration per Run 2	84.197 %	1.912 ppb	0.462 ppb	0.326 ppb	0.531 ppb	27.052 ppb	0.074 ppb	-0.242 ppb	0.488 ppb
Concentration per Run 3	83.845 %	1.997 ppb	0.418 ppb	0.259 ppb	0.532 ppb	20.736 ppb	0.010 ppb	-0.313 ppb	0.668 ppb
Concentration RSD	0.7 %	19.2 %	5.6 %	45.7 %	44.1 %	14.7 %	116.2 %	44.3 %	44.2 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	1.567 ppb	78.662 %	0.109 ppb	0.122 ppb	2.668 ppb	0.348 ppb	81.208 %	0.007 ppb	0.003 ppb
Concentration per Run 1	1.569 ppb	78.018 %	0.100 ppb	-0.043 ppb	2.241 ppb	0.271 ppb	81.655 %	0.004 ppb	-0.003 ppb
Concentration per Run 2	1.765 ppb	78.946 %	0.114 ppb	0.098 ppb	2.891 ppb	0.381 ppb	80.263 %	0.014 ppb	0.021 ppb
Concentration per Run 3	1.369 ppb	79.021 %	0.114 ppb	0.310 ppb	2.872 ppb	0.391 ppb	81.705 %	0.004 ppb	-0.008 ppb
Concentration RSD	12.6 %	0.7 %	7.1 %	146.2 %	13.9 %	19.1 %	1.0 %	82.6 %	453.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	81.223 %	1.275 ppb	0.606 ppb	5.687 ppb	86.088 %	93.391 %	1.790 ppb	0.011 ppb	4.936 ppb
Concentration per Run 1	82.124 %	1.078 ppb	0.495 ppb	5.820 ppb	87.305 %	94.487 %	1.540 ppb	0.000 ppb	4.561 ppb
Concentration per Run 2	80.482 %	1.289 ppb	0.686 ppb	5.826 ppb	85.248 %	92.155 %	1.781 ppb	0.030 ppb	5.099 ppb
Concentration per Run 3	81.064 %	1.457 ppb	0.637 ppb	5.415 ppb	85.712 %	93.530 %	2.049 ppb	0.003 ppb	5.147 ppb
Concentration RSD	1.0 %	14.9 %	16.4 %	4.1 %	1.3 %	1.3 %	14.2 %	147.7 %	6.6 %

Category	209Bi (KED AGD)
Concentration average	90.939 %
Concentration per Run 1	90.383 %
Concentration per Run 2	91.285 %
Concentration per Run 3	91.149 %
Concentration RSD	0.5 %

3/8/2018 7:23:45 AM

 Analysis index: 79 Analysis started at: 3/7/2018 1:14:48 PM Rack: 0
 Analysis label: CCV User name: ALPHALAB\metals-instrument Vial: 9

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	78.836 %	92.728 %	108.714 ppb	10,087.059 ppb	10,083.511 ppb	101.165 ppb	9,311.705 ppb	9,589.952 ppb	87.359 %
Concentration per Run 1	78.701 %	95.364 %	108.548 ppb	9,450.013 ppb	9,443.579 ppb	91.133 ppb	8,401.617 ppb	8,406.546 ppb	88.164 %
Concentration per Run 2	79.134 %	88.666 %	108.695 ppb	10,517.437 ppb	10,544.711 ppb	105.088 ppb	9,907.179 ppb	10,525.581 ppb	87.592 %
Concentration per Run 3	78.672 %	94.152 %	108.897 ppb	10,293.728 ppb	10,262.244 ppb	107.274 ppb	9,626.319 ppb	9,837.728 ppb	86.321 %
Recovery Percentage 1			108.714 %	100.871 %	100.835 %	101.165 %	93.117 %	95.900 %	
Concentration RSD	0.3 %	3.8 %	0.2 %	5.6 %	5.7 %	8.7 %	8.6 %	11.3 %	1.1 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	98.802 %	96.768 ppb	102.981 ppb	105.484 ppb	102.436 ppb	10,219.569 ppb	102.114 ppb	102.027 ppb	101.140 ppb
Concentration per Run 1	92.842 %	86.001 ppb	99.094 ppb	100.585 ppb	100.087 ppb	9,843.603 ppb	96.640 ppb	97.219 ppb	96.716 ppb
Concentration per Run 2	100.290 %	103.159 ppb	104.230 ppb	107.922 ppb	104.686 ppb	10,387.129 ppb	106.355 ppb	104.146 ppb	104.170 ppb
Concentration per Run 3	103.274 %	101.143 ppb	105.618 ppb	107.943 ppb	102.534 ppb	10,427.974 ppb	103.347 ppb	104.715 ppb	102.534 ppb
Recovery Percentage 1		96.768 %	102.981 %	105.484 %	102.436 %	102.196 %	102.114 %	102.027 %	101.140 %
Concentration RSD	5.4 %	9.7 %	3.3 %	4.0 %	2.2 %	3.2 %	4.9 %	4.1 %	3.9 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	98.907 ppb	83.538 %	100.168 ppb	103.163 ppb	101.711 ppb	103.800 ppb	84.187 %	102.981 ppb	101.063 ppb
Concentration per Run 1	93.080 ppb	81.135 %	93.982 ppb	96.929 ppb	93.624 ppb	95.348 ppb	84.135 %	95.913 ppb	91.536 ppb
Concentration per Run 2	102.725 ppb	83.633 %	106.085 ppb	107.223 ppb	104.161 ppb	106.485 ppb	83.004 %	106.601 ppb	105.194 ppb
Concentration per Run 3	100.915 ppb	85.845 %	100.437 ppb	105.338 ppb	107.349 ppb	109.567 ppb	85.421 %	106.430 ppb	106.460 ppb
Recovery Percentage 1	98.907 %		100.168 %	103.163 %	101.711 %	103.800 %		102.981 %	101.063 %
Concentration RSD	5.2 %	2.8 %	6.0 %	5.3 %	7.1 %	7.2 %	1.4 %	5.9 %	8.2 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	86.570 %	93.241 ppb	99.092 ppb	104.349 ppb	90.647 %	96.408 %	97.545 ppb	99.765 ppb	98.072 ppb
Concentration per Run 1	85.874 %	81.385 ppb	89.264 ppb	95.181 ppb	90.312 %	96.030 %	88.716 ppb	92.682 ppb	89.242 ppb
Concentration per Run 2	86.007 %	95.705 ppb	102.565 ppb	109.686 ppb	89.525 %	95.484 %	100.002 ppb	103.321 ppb	101.985 ppb
Concentration per Run 3	87.830 %	102.635 ppb	105.446 ppb	108.180 ppb	92.105 %	97.710 %	103.918 ppb	103.291 ppb	102.988 ppb
Recovery Percentage 1		93.241 %	99.092 %	104.349 %			97.545 %	99.765 %	98.072 %
Concentration RSD	1.3 %	11.6 %	8.7 %	7.6 %	1.5 %	1.2 %	8.1 %	6.1 %	7.8 %

Category	209Bi (KED AGD)
Concentration average	92.912 %
Concentration per Run 1	93.653 %
Concentration per Run 2	91.156 %
Concentration per Run 3	93.926 %
Recovery Percentage 1	
Concentration RSD	1.6 %

3/8/2018 7:23:45 AM

 Analysis index: 80 Analysis started at: 3/7/2018 1:18:43 PM Rack: 0
 Analysis label: CCB User name: ALPHALAB\metals-instrument Vial: 10

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	80.919 %	90.431 %	0.011 ppb	54.217 ppb	0.482 ppb	0.499 ppb	14.439 ppb	-3.832 ppb	76.345 %
Concentration per Run 1	80.175 %	96.130 %	0.012 ppb	24.812 ppb	2.920 ppb	0.547 ppb	1.898 ppb	-5.021 ppb	76.085 %
Concentration per Run 2	81.580 %	88.539 %	0.008 ppb	57.278 ppb	-0.738 ppb	0.894 ppb	2.819 ppb	-4.020 ppb	76.782 %
Concentration per Run 3	81.002 %	86.625 %	0.012 ppb	80.562 ppb	-0.738 ppb	0.056 ppb	38.600 ppb	-2.454 ppb	76.169 %
Recovery Percentage 1			2.138 %	54.217 %	0.482 %	4.988 %	14.439 %	-3.832 %	
Concentration RSD	0.9 %	5.6 %	21.7 %	51.6 %	438.4 %	84.4 %	144.9 %	33.8 %	0.5 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	86.664 %	0.008 ppb	-0.005 ppb	0.035 ppb	-0.048 ppb	17.568 ppb	0.008 ppb	-0.147 ppb	-0.038 ppb
Concentration per Run 1	84.033 %	-0.139 ppb	0.010 ppb	0.060 ppb	-0.057 ppb	16.115 ppb	0.024 ppb	-0.179 ppb	0.020 ppb
Concentration per Run 2	88.496 %	-0.054 ppb	-0.012 ppb	0.066 ppb	-0.058 ppb	19.691 ppb	0.003 ppb	-0.049 ppb	-0.038 ppb
Concentration per Run 3	87.462 %	0.218 ppb	-0.012 ppb	-0.021 ppb	-0.027 ppb	16.898 ppb	-0.004 ppb	-0.213 ppb	-0.096 ppb
Recovery Percentage 1		1.642 %	-0.100 %	3.503 %	-4.752 %	35.136 %	1.536 %	-7.356 %	-3.799 %
Concentration RSD	2.7 %	2,268.9 %	258.3 %	139.1 %	37.1 %	10.7 %	189.1 %	58.6 %	153.4 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.061 ppb	83.067 %	0.079 ppb	0.330 ppb	0.012 ppb	0.369 ppb	86.180 %	0.075 ppb	0.008 ppb
Concentration per Run 1	-0.036 ppb	82.793 %	0.052 ppb	0.151 ppb	-0.001 ppb	0.250 ppb	87.924 %	0.063 ppb	0.014 ppb
Concentration per Run 2	0.102 ppb	81.984 %	0.039 ppb	0.293 ppb	-0.054 ppb	0.318 ppb	84.366 %	0.083 ppb	0.010 ppb
Concentration per Run 3	0.118 ppb	84.425 %	0.148 ppb	0.545 ppb	0.091 ppb	0.539 ppb	86.250 %	0.078 ppb	0.001 ppb
Recovery Percentage 1	0.614 %		15.897 %	6.591 %	2.403 %	18.456 %		18.711 %	4.242 %
Concentration RSD	137.5 %	1.5 %	74.8 %	60.7 %	613.0 %	40.8 %	2.1 %	14.0 %	78.2 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	86.592 %	4.898 ppb	2.121 ppb	0.115 ppb	89.832 %	95.588 %	0.907 ppb	0.023 ppb	0.012 ppb
Concentration per Run 1	87.424 %	4.446 ppb	2.078 ppb	0.098 ppb	91.013 %	98.359 %	0.762 ppb	0.027 ppb	0.013 ppb
Concentration per Run 2	86.057 %	5.034 ppb	2.190 ppb	0.196 ppb	88.983 %	93.837 %	0.925 ppb	0.020 ppb	0.011 ppb
Concentration per Run 3	86.294 %	5.214 ppb	2.094 ppb	0.053 ppb	89.502 %	94.568 %	1.036 ppb	0.023 ppb	0.012 ppb
Recovery Percentage 1		163.265 %	53.017 %	23.071 %			45.368 %	4.620 %	2.329 %
Concentration RSD	0.8 %	8.2 %	2.9 %	63.3 %	1.2 %	2.5 %	15.2 %	14.3 %	9.5 %

Category	209Bi (KED AGD)
Concentration average	93.154 %
Concentration per Run 1	93.766 %
Concentration per Run 2	93.091 %
Concentration per Run 3	92.604 %
Recovery Percentage 1	
Concentration RSD	0.6 %

3/8/2018 7:23:45 AM

 Analysis index: 81 Analysis started at: 3/7/2018 1:22:39 PM Rack: 1
 Analysis label: L1807597-01 6020TL User name: ALPHALAB\metals-instrument Vial: 51

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	75.603 %	89.028 %	0.008 ppb	79.178 ppb	2.674 ppb	2.001 ppb	12.067 ppb	60.704 ppb	73.281 %
Concentration per Run 1	75.929 %	89.304 %	0.007 ppb	71.484 ppb	3.125 ppb	2.324 ppb	7.356 ppb	66.527 ppb	73.356 %
Concentration per Run 2	75.431 %	87.518 %	0.011 ppb	76.810 ppb	1.832 ppb	1.525 ppb	26.634 ppb	55.216 ppb	72.873 %
Concentration per Run 3	75.448 %	90.261 %	0.005 ppb	89.240 ppb	3.064 ppb	2.154 ppb	2.211 ppb	60.369 ppb	73.614 %
Concentration RSD	0.4 %	1.6 %	45.0 %	11.5 %	27.3 %	21.1 %	106.7 %	9.3 %	0.5 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	83.046 %	-0.121 ppb	0.056 ppb	0.355 ppb	0.129 ppb	9.887 ppb	0.006 ppb	-0.417 ppb	0.054 ppb
Concentration per Run 1	81.613 %	-0.185 ppb	0.057 ppb	0.378 ppb	0.175 ppb	10.195 ppb	0.003 ppb	-0.457 ppb	0.009 ppb
Concentration per Run 2	84.080 %	-0.181 ppb	0.078 ppb	0.287 ppb	0.106 ppb	8.634 ppb	0.010 ppb	-0.386 ppb	0.084 ppb
Concentration per Run 3	83.446 %	0.003 ppb	0.033 ppb	0.400 ppb	0.107 ppb	10.832 ppb	0.003 ppb	-0.409 ppb	0.070 ppb
Concentration RSD	1.5 %	89.0 %	40.2 %	16.9 %	30.5 %	11.4 %	72.3 %	8.6 %	72.6 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	1.276 ppb	79.909 %	0.045 ppb	0.071 ppb	0.112 ppb	0.113 ppb	82.098 %	0.057 ppb	0.000 ppb
Concentration per Run 1	1.143 ppb	80.727 %	0.054 ppb	0.022 ppb	0.107 ppb	0.042 ppb	82.966 %	0.050 ppb	0.011 ppb
Concentration per Run 2	1.475 ppb	79.694 %	0.011 ppb	0.095 ppb	0.086 ppb	0.119 ppb	81.277 %	0.056 ppb	-0.003 ppb
Concentration per Run 3	1.209 ppb	79.305 %	0.069 ppb	0.096 ppb	0.143 ppb	0.178 ppb	82.052 %	0.066 ppb	-0.008 ppb
Concentration RSD	13.8 %	0.9 %	68.2 %	60.0 %	25.6 %	60.6 %	1.0 %	14.2 %	20,994.0 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	82.311 %	3.298 ppb	0.919 ppb	0.016 ppb	86.688 %	92.630 %	0.273 ppb	0.008 ppb	0.002 ppb
Concentration per Run 1	82.366 %	2.899 ppb	0.784 ppb	0.007 ppb	86.448 %	92.761 %	0.240 ppb	0.013 ppb	-0.001 ppb
Concentration per Run 2	81.691 %	3.854 ppb	0.942 ppb	0.057 ppb	86.373 %	92.413 %	0.272 ppb	0.005 ppb	0.002 ppb
Concentration per Run 3	82.877 %	3.141 ppb	1.032 ppb	-0.017 ppb	87.244 %	92.717 %	0.308 ppb	0.005 ppb	0.005 ppb
Concentration RSD	0.7 %	15.1 %	13.6 %	242.5 %	0.6 %	0.2 %	12.3 %	57.0 %	159.2 %

Category	209Bi (KED AGD)
Concentration average	91.450 %
Concentration per Run 1	92.279 %
Concentration per Run 2	89.972 %
Concentration per Run 3	92.098 %
Concentration RSD	1.4 %

3/8/2018 7:23:45 AM

 Analysis index: 82 Analysis started at: 3/7/2018 1:26:30 PM Rack: 1
 Analysis label: WG1095170-4 6020TL User name: ALPHALAB\metals-instrument Vial: 52

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	74.807 %	88.560 %	0.009 ppb	80.457 ppb	4.015 ppb	2.276 ppb	3.054 ppb	27.196 ppb	72.104 %
Concentration per Run 1	74.456 %	94.152 %	0.009 ppb	42.055 ppb	3.632 ppb	1.574 ppb	5.756 ppb	23.792 ppb	71.868 %
Concentration per Run 2	75.277 %	87.199 %	0.011 ppb	81.119 ppb	3.806 ppb	2.458 ppb	-5.917 ppb	21.605 ppb	72.666 %
Concentration per Run 3	74.688 %	84.329 %	0.009 ppb	118.198 ppb	4.608 ppb	2.798 ppb	9.321 ppb	36.190 ppb	71.778 %
Concentration RSD	0.6 %	5.7 %	17.3 %	47.3 %	13.0 %	27.8 %	261.0 %	28.9 %	0.7 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	81.637 %	-0.110 ppb	0.026 ppb	0.341 ppb	0.256 ppb	12.032 ppb	0.006 ppb	-0.342 ppb	0.037 ppb
Concentration per Run 1	81.754 %	-0.012 ppb	0.057 ppb	0.206 ppb	0.143 ppb	9.515 ppb	0.003 ppb	-0.360 ppb	0.025 ppb
Concentration per Run 2	82.529 %	-0.213 ppb	0.011 ppb	0.420 ppb	0.244 ppb	10.349 ppb	0.003 ppb	-0.357 ppb	0.044 ppb
Concentration per Run 3	80.627 %	-0.106 ppb	0.011 ppb	0.398 ppb	0.382 ppb	16.232 ppb	0.011 ppb	-0.308 ppb	0.043 ppb
Concentration RSD	1.2 %	91.0 %	101.8 %	34.4 %	46.8 %	30.4 %	73.1 %	8.5 %	28.1 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.531 ppb	78.502 %	0.025 ppb	0.123 ppb	0.063 ppb	0.049 ppb	81.222 %	0.006 ppb	0.003 ppb
Concentration per Run 1	0.470 ppb	79.949 %	0.040 ppb	0.094 ppb	0.076 ppb	0.012 ppb	83.104 %	0.011 ppb	0.002 ppb
Concentration per Run 2	0.533 ppb	76.955 %	-0.004 ppb	0.177 ppb	0.049 ppb	0.107 ppb	79.935 %	0.009 ppb	-0.003 ppb
Concentration per Run 3	0.590 ppb	78.602 %	0.040 ppb	0.099 ppb	0.063 ppb	0.029 ppb	80.628 %	0.000 ppb	0.011 ppb
Concentration RSD	11.3 %	1.9 %	100.1 %	38.0 %	21.5 %	102.9 %	2.1 %	93.9 %	213.3 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	79.486 %	1.873 ppb	0.468 ppb	0.000 ppb	85.902 %	91.860 %	0.140 ppb	0.001 ppb	-0.007 ppb
Concentration per Run 1	81.896 %	1.368 ppb	0.378 ppb	0.032 ppb	86.673 %	92.984 %	0.089 ppb	0.000 ppb	-0.008 ppb
Concentration per Run 2	77.157 %	2.059 ppb	0.490 ppb	-0.016 ppb	84.425 %	90.849 %	0.148 ppb	0.001 ppb	-0.005 ppb
Concentration per Run 3	79.404 %	2.192 ppb	0.537 ppb	-0.017 ppb	86.608 %	91.747 %	0.183 ppb	0.001 ppb	-0.008 ppb
Concentration RSD	3.0 %	23.6 %	17.5 %	9,026.8 %	1.5 %	1.2 %	34.1 %	47.8 %	25.2 %

Category	209Bi (KED AGD)
Concentration average	88.893 %
Concentration per Run 1	90.887 %
Concentration per Run 2	87.365 %
Concentration per Run 3	88.425 %
Concentration RSD	2.0 %

3/8/2018 7:23:45 AM

 Analysis index: 83 Analysis started at: 3/7/2018 1:30:22 PM Rack: 1
 Analysis label: WG1095170-3D10 6020TL User name: ALPHALAB\metals-instrument Vial: 53

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	78.242 %	91.239 %	5.877 ppb	1,195.705 ppb	1,184.089 ppb	237.519 ppb	982.987 ppb	803.947 ppb	75.180 %
Concentration per Run 1	78.642 %	94.216 %	5.889 ppb	1,053.188 ppb	1,037.022 ppb	202.407 ppb	832.642 ppb	659.092 ppb	74.965 %
Concentration per Run 2	77.273 %	87.454 %	5.875 ppb	1,263.669 ppb	1,293.049 ppb	250.237 ppb	1,068.865 ppb	916.731 ppb	74.058 %
Concentration per Run 3	78.809 %	92.047 %	5.867 ppb	1,270.257 ppb	1,222.196 ppb	259.914 ppb	1,047.453 ppb	836.017 ppb	76.515 %
Concentration RSD	1.1 %	3.8 %	0.2 %	10.3 %	11.2 %	13.0 %	13.3 %	16.4 %	1.7 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	85.763 %	86.998 ppb	60.344 ppb	24.172 ppb	59.345 ppb	133.752 ppb	57.415 ppb	57.053 ppb	28.308 ppb
Concentration per Run 1	84.949 %	74.799 ppb	53.943 ppb	21.598 ppb	52.974 ppb	124.507 ppb	50.071 ppb	51.763 ppb	24.600 ppb
Concentration per Run 2	86.664 %	96.894 ppb	64.577 ppb	24.940 ppb	62.990 ppb	150.282 ppb	60.637 ppb	58.632 ppb	29.763 ppb
Concentration per Run 3	85.677 %	89.301 ppb	62.512 ppb	25.980 ppb	62.070 ppb	126.465 ppb	61.535 ppb	60.762 ppb	30.561 ppb
Concentration RSD	1.0 %	12.9 %	9.3 %	9.5 %	9.3 %	10.7 %	11.1 %	8.2 %	11.4 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	57.365 ppb	81.721 %	13.704 ppb	13.306 ppb	106.005 ppb	105.559 ppb	84.066 %	5.686 ppb	5.737 ppb
Concentration per Run 1	48.893 ppb	83.647 %	11.451 ppb	11.334 ppb	91.516 ppb	89.135 ppb	87.331 %	4.749 ppb	4.743 ppb
Concentration per Run 2	61.480 ppb	79.830 %	14.714 ppb	14.506 ppb	112.703 ppb	110.960 ppb	82.347 %	6.284 ppb	6.104 ppb
Concentration per Run 3	61.720 ppb	81.686 %	14.946 ppb	14.077 ppb	113.797 ppb	116.583 ppb	82.519 %	6.026 ppb	6.363 ppb
Concentration RSD	12.8 %	2.3 %	14.3 %	12.9 %	11.8 %	13.7 %	3.4 %	14.5 %	15.2 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	84.601 %	89.765 ppb	62.052 ppb	215.756 ppb	88.709 %	94.614 %	0.088 ppb	12.474 ppb	53.618 ppb
Concentration per Run 1	87.064 %	77.078 ppb	52.039 ppb	183.604 ppb	91.075 %	96.084 %	0.013 ppb	10.946 ppb	45.481 ppb
Concentration per Run 2	83.484 %	94.906 ppb	65.336 ppb	229.328 ppb	87.343 %	94.191 %	0.106 ppb	13.387 ppb	57.467 ppb
Concentration per Run 3	83.254 %	97.310 ppb	68.782 ppb	234.337 ppb	87.709 %	93.568 %	0.145 ppb	13.089 ppb	57.906 ppb
Concentration RSD	2.5 %	12.3 %	14.2 %	13.0 %	2.3 %	1.4 %	77.4 %	10.7 %	13.1 %

Category	209Bi (KED AGD)
Concentration average	93.274 %
Concentration per Run 1	96.670 %
Concentration per Run 2	91.001 %
Concentration per Run 3	92.152 %
Concentration RSD	3.2 %

3/8/2018 7:23:45 AM

 Analysis index: 84 Analysis started at: 3/7/2018 1:34:13 PM Rack: 1
 Analysis label: WG1095170-5D10 6020TL User name: ALPHALAB\metals-instrument Vial: 54

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	80.911 %	95.322 %	58.218 ppb	5,658.870 ppb	5,725.007 ppb	60.688 ppb	5,122.532 ppb	5,233.428 ppb	85.812 %
Concentration per Run 1	79.509 %	97.916 %	58.140 ppb	5,067.845 ppb	5,044.970 ppb	50.157 ppb	4,360.509 ppb	4,321.344 ppb	85.069 %
Concentration per Run 2	82.035 %	97.214 %	57.930 ppb	5,899.585 ppb	6,068.895 ppb	68.620 ppb	5,613.093 ppb	5,753.931 ppb	85.827 %
Concentration per Run 3	81.190 %	90.835 %	58.583 ppb	6,009.181 ppb	6,061.157 ppb	63.287 ppb	5,393.996 ppb	5,625.009 ppb	86.541 %
Concentration RSD	1.6 %	4.1 %	0.6 %	9.1 %	10.3 %	15.7 %	13.1 %	15.1 %	0.9 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	96.202 %	51.139 ppb	56.697 ppb	57.694 ppb	58.173 ppb	5,701.075 ppb	56.552 ppb	56.573 ppb	55.885 ppb
Concentration per Run 1	88.402 %	41.795 ppb	52.211 ppb	54.053 ppb	53.790 ppb	5,329.126 ppb	52.711 ppb	51.924 ppb	52.327 ppb
Concentration per Run 2	102.428 %	55.094 ppb	58.584 ppb	58.443 ppb	60.581 ppb	5,867.674 ppb	57.924 ppb	57.741 ppb	56.509 ppb
Concentration per Run 3	97.776 %	56.529 ppb	59.295 ppb	60.585 ppb	60.148 ppb	5,906.423 ppb	59.021 ppb	60.055 ppb	58.818 ppb
Concentration RSD	7.4 %	15.9 %	6.9 %	5.8 %	6.5 %	5.7 %	6.0 %	7.4 %	5.9 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	57.279 ppb	85.656 %	54.052 ppb	57.440 ppb	55.265 ppb	53.863 ppb	86.267 %	8.350 ppb	54.146 ppb
Concentration per Run 1	51.769 ppb	83.805 %	49.234 ppb	51.632 ppb	48.188 ppb	47.487 ppb	86.620 %	7.858 ppb	48.075 ppb
Concentration per Run 2	58.613 ppb	89.436 %	56.399 ppb	62.446 ppb	59.439 ppb	56.947 ppb	86.971 %	8.527 ppb	56.423 ppb
Concentration per Run 3	61.455 ppb	83.727 %	56.522 ppb	58.241 ppb	58.167 ppb	57.154 ppb	85.212 %	8.666 ppb	57.940 ppb
Concentration RSD	8.7 %	3.8 %	7.7 %	9.5 %	11.1 %	10.3 %	1.1 %	5.2 %	9.8 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	87.735 %	57.867 ppb	69.188 ppb	54.880 ppb	91.487 %	98.235 %	32.914 ppb	52.299 ppb	51.839 ppb
Concentration per Run 1	86.315 %	52.110 ppb	61.497 ppb	48.818 ppb	88.941 %	94.338 %	30.901 ppb	48.251 ppb	46.368 ppb
Concentration per Run 2	91.012 %	59.827 ppb	73.039 ppb	58.946 ppb	93.486 %	103.213 %	32.764 ppb	53.624 ppb	53.351 ppb
Concentration per Run 3	85.878 %	61.665 ppb	73.028 ppb	56.876 ppb	92.035 %	97.155 %	35.078 ppb	55.023 ppb	55.799 ppb
Concentration RSD	3.2 %	8.8 %	9.6 %	9.8 %	2.5 %	4.6 %	6.4 %	6.8 %	9.4 %

Category	209Bi (KED AGD)
Concentration average	95.613 %
Concentration per Run 1	95.444 %
Concentration per Run 2	97.832 %
Concentration per Run 3	93.563 %
Concentration RSD	2.2 %

3/8/2018 7:23:45 AM

 Analysis index: 85 Analysis started at: 3/7/2018 1:38:05 PM Rack: 1
 Analysis label: L1807553-02 6020TL User name: ALPHALAB\metals-instrument Vial: 56

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	77.903 %	93.281 %	0.014 ppb	6,007.769 ppb	8,241.163 ppb	5.015 ppb	758.926 ppb	51,019.526 ppb	76.425 %
Concentration per Run 1	78.888 %	96.513 %	0.018 ppb	5,351.720 ppb	7,199.363 ppb	4.120 ppb	662.984 ppb	42,358.455 ppb	77.765 %
Concentration per Run 2	78.196 %	87.837 %	0.014 ppb	6,341.608 ppb	8,756.403 ppb	5.704 ppb	783.443 ppb	53,600.238 ppb	75.858 %
Concentration per Run 3	76.624 %	95.492 %	0.010 ppb	6,329.978 ppb	8,767.723 ppb	5.221 ppb	830.351 ppb	57,099.885 ppb	75.652 %
Concentration RSD	1.5 %	5.1 %	29.3 %	9.5 %	10.9 %	16.2 %	11.4 %	15.1 %	1.5 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	90.102 %	70.316 ppb	0.021 ppb	0.408 ppb	1.391 ppb	45.127 ppb	0.029 ppb	-0.227 ppb	8.014 ppb
Concentration per Run 1	84.925 %	59.712 ppb	-0.012 ppb	0.332 ppb	1.018 ppb	31.505 ppb	0.010 ppb	-0.324 ppb	7.001 ppb
Concentration per Run 2	87.322 %	73.572 ppb	0.031 ppb	0.452 ppb	1.493 ppb	57.089 ppb	0.058 ppb	-0.088 ppb	8.752 ppb
Concentration per Run 3	98.058 %	77.665 ppb	0.045 ppb	0.441 ppb	1.662 ppb	46.785 ppb	0.020 ppb	-0.269 ppb	8.289 ppb
Concentration RSD	7.8 %	13.4 %	141.1 %	16.3 %	24.0 %	28.5 %	86.6 %	54.4 %	11.3 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	26.202 ppb	86.561 %	0.286 ppb	0.243 ppb	112.184 ppb	0.496 ppb	84.756 %	0.078 ppb	0.014 ppb
Concentration per Run 1	23.916 ppb	85.053 %	0.215 ppb	0.408 ppb	96.457 ppb	0.466 ppb	86.296 %	0.065 ppb	0.023 ppb
Concentration per Run 2	28.140 ppb	80.518 %	0.300 ppb	0.023 ppb	116.841 ppb	0.568 ppb	81.866 %	0.092 ppb	0.001 ppb
Concentration per Run 3	26.549 ppb	94.111 %	0.344 ppb	0.298 ppb	123.254 ppb	0.453 ppb	86.106 %	0.077 ppb	0.017 ppb
Concentration RSD	8.1 %	8.0 %	22.8 %	81.7 %	12.5 %	12.8 %	3.0 %	17.1 %	81.5 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	90.558 %	7.369 ppb	0.612 ppb	334.559 ppb	94.465 %	99.011 %	0.464 ppb	0.022 ppb	0.537 ppb
Concentration per Run 1	88.698 %	7.058 ppb	0.408 ppb	293.287 ppb	93.507 %	96.342 %	0.401 ppb	0.022 ppb	0.469 ppb
Concentration per Run 2	87.774 %	7.776 ppb	0.622 ppb	350.232 ppb	91.852 %	95.003 %	0.536 ppb	0.020 ppb	0.560 ppb
Concentration per Run 3	95.201 %	7.272 ppb	0.807 ppb	360.159 ppb	98.037 %	105.688 %	0.455 ppb	0.023 ppb	0.581 ppb
Concentration RSD	4.5 %	5.0 %	32.6 %	10.8 %	3.4 %	5.9 %	14.7 %	7.4 %	11.2 %

Category	209Bi (KED AGD)
Concentration average	95.711 %
Concentration per Run 1	95.989 %
Concentration per Run 2	92.913 %
Concentration per Run 3	98.232 %
Concentration RSD	2.8 %

3/8/2018 7:23:45 AM

 Analysis index: 86 Analysis started at: 3/7/2018 1:41:57 PM Rack: 1
 Analysis label: L1807553-03 6020TL User name: ALPHALAB\metals-instrument Vial: 57

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	78.099 %	92.940 %	0.014 ppb	7,158.257 ppb	2,401.200 ppb	114.485 ppb	1,176.528 ppb	13,455.805 ppb	76.231 %
Concentration per Run 1	78.625 %	97.023 %	0.012 ppb	6,592.098 ppb	2,191.830 ppb	93.820 ppb	1,051.870 ppb	11,528.668 ppb	75.447 %
Concentration per Run 2	77.704 %	89.049 %	0.014 ppb	7,521.442 ppb	2,526.957 ppb	132.286 ppb	1,253.938 ppb	14,506.744 ppb	76.716 %
Concentration per Run 3	77.966 %	92.749 %	0.014 ppb	7,361.232 ppb	2,484.814 ppb	117.348 ppb	1,223.775 ppb	14,332.003 ppb	76.530 %
Concentration RSD	0.6 %	4.3 %	9.8 %	6.9 %	7.6 %	16.9 %	9.3 %	12.4 %	0.9 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	86.875 %	19.715 ppb	0.241 ppb	0.375 ppb	34.224 ppb	213.423 ppb	0.122 ppb	-0.069 ppb	0.834 ppb
Concentration per Run 1	83.704 %	15.382 ppb	0.189 ppb	0.387 ppb	32.479 ppb	202.187 ppb	0.086 ppb	-0.088 ppb	0.665 ppb
Concentration per Run 2	87.909 %	22.099 ppb	0.205 ppb	0.375 ppb	36.353 ppb	218.813 ppb	0.114 ppb	-0.041 ppb	0.898 ppb
Concentration per Run 3	89.013 %	21.665 ppb	0.329 ppb	0.362 ppb	33.840 ppb	219.270 ppb	0.165 ppb	-0.077 ppb	0.940 ppb
Concentration RSD	3.2 %	19.1 %	31.9 %	3.4 %	5.7 %	4.6 %	32.8 %	35.5 %	17.8 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	1.204 ppb	82.334 %	0.431 ppb	0.175 ppb	34.119 ppb	0.243 ppb	83.914 %	0.055 ppb	0.001 ppb
Concentration per Run 1	1.102 ppb	84.020 %	0.301 ppb	0.281 ppb	30.290 ppb	0.124 ppb	86.802 %	0.048 ppb	-0.003 ppb
Concentration per Run 2	1.255 ppb	79.949 %	0.476 ppb	0.024 ppb	35.894 ppb	0.373 ppb	82.118 %	0.065 ppb	-0.003 ppb
Concentration per Run 3	1.254 ppb	83.033 %	0.515 ppb	0.221 ppb	36.174 ppb	0.233 ppb	82.823 %	0.052 ppb	0.011 ppb
Concentration RSD	7.3 %	2.6 %	26.5 %	76.7 %	9.7 %	51.3 %	3.0 %	16.1 %	544.2 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	84.154 %	3.397 ppb	0.424 ppb	77.219 ppb	89.592 %	94.886 %	0.186 ppb	0.005 ppb	0.137 ppb
Concentration per Run 1	86.313 %	3.074 ppb	0.329 ppb	67.494 ppb	90.660 %	95.104 %	0.154 ppb	0.004 ppb	0.121 ppb
Concentration per Run 2	83.593 %	3.650 ppb	0.461 ppb	83.795 ppb	88.289 %	94.569 %	0.190 ppb	0.007 ppb	0.143 ppb
Concentration per Run 3	82.555 %	3.468 ppb	0.483 ppb	80.368 ppb	89.825 %	94.985 %	0.215 ppb	0.005 ppb	0.148 ppb
Concentration RSD	2.3 %	8.7 %	19.7 %	11.1 %	1.3 %	0.3 %	16.4 %	36.2 %	10.6 %

Category	209Bi (KED AGD)
Concentration average	91.061 %
Concentration per Run 1	94.315 %
Concentration per Run 2	89.311 %
Concentration per Run 3	89.559 %
Concentration RSD	3.1 %

3/8/2018 7:23:45 AM

 Analysis index: 87 Analysis started at: 3/7/2018 1:45:50 PM Rack: 1
 Analysis label: L1807553-04 6020TL User name: ALPHALAB\metals-instrument Vial: 58

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	75.256 %	88.836 %	0.018 ppb	9,269.922 ppb	2,551.247 ppb	99.471 ppb	984.875 ppb	14,814.046 ppb	74.014 %
Concentration per Run 1	74.658 %	90.708 %	0.019 ppb	8,535.410 ppb	2,301.385 ppb	88.644 ppb	881.540 ppb	12,937.270 ppb	73.456 %
Concentration per Run 2	75.549 %	89.113 %	0.019 ppb	9,525.686 ppb	2,589.128 ppb	100.423 ppb	1,059.536 ppb	15,791.802 ppb	74.345 %
Concentration per Run 3	75.561 %	86.689 %	0.016 ppb	9,748.669 ppb	2,763.229 ppb	109.346 ppb	1,013.547 ppb	15,713.067 ppb	74.240 %
Concentration RSD	0.7 %	2.3 %	7.6 %	7.0 %	9.1 %	10.4 %	9.4 %	11.0 %	0.7 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	82.498 %	21.328 ppb	0.238 ppb	0.455 ppb	34.108 ppb	219.713 ppb	0.072 ppb	-0.211 ppb	0.733 ppb
Concentration per Run 1	81.026 %	19.005 ppb	0.196 ppb	0.502 ppb	30.721 ppb	238.935 ppb	0.083 ppb	-0.190 ppb	0.714 ppb
Concentration per Run 2	84.526 %	21.312 ppb	0.301 ppb	0.380 ppb	35.755 ppb	207.890 ppb	0.073 ppb	-0.318 ppb	0.797 ppb
Concentration per Run 3	81.942 %	23.669 ppb	0.217 ppb	0.483 ppb	35.847 ppb	212.314 ppb	0.060 ppb	-0.124 ppb	0.687 ppb
Concentration RSD	2.2 %	10.9 %	23.2 %	14.5 %	8.6 %	7.6 %	15.7 %	46.8 %	7.8 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	1.734 ppb	81.021 %	0.355 ppb	0.114 ppb	38.249 ppb	0.178 ppb	81.210 %	0.045 ppb	0.010 ppb
Concentration per Run 1	1.441 ppb	80.188 %	0.315 ppb	0.093 ppb	34.029 ppb	0.132 ppb	82.362 %	0.033 ppb	0.001 ppb
Concentration per Run 2	2.075 ppb	81.356 %	0.454 ppb	0.297 ppb	39.362 ppb	0.236 ppb	82.315 %	0.039 ppb	0.002 ppb
Concentration per Run 3	1.685 ppb	81.520 %	0.296 ppb	-0.048 ppb	41.356 ppb	0.167 ppb	78.952 %	0.063 ppb	0.026 ppb
Concentration RSD	18.5 %	0.9 %	24.2 %	151.9 %	9.9 %	29.6 %	2.4 %	34.7 %	145.3 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	82.128 %	2.062 ppb	0.331 ppb	75.430 ppb	88.007 %	93.738 %	0.128 ppb	0.002 ppb	0.136 ppb
Concentration per Run 1	83.766 %	1.744 ppb	0.281 ppb	68.637 ppb	88.019 %	94.485 %	0.089 ppb	0.003 ppb	0.113 ppb
Concentration per Run 2	82.135 %	2.217 ppb	0.326 ppb	75.837 ppb	87.657 %	94.060 %	0.111 ppb	0.001 ppb	0.155 ppb
Concentration per Run 3	80.482 %	2.225 ppb	0.387 ppb	81.814 ppb	88.344 %	92.668 %	0.185 ppb	0.002 ppb	0.141 ppb
Concentration RSD	2.0 %	13.4 %	16.1 %	8.7 %	0.4 %	1.0 %	39.4 %	45.0 %	15.5 %

Category	209Bi (KED AGD)
Concentration average	90.318 %
Concentration per Run 1	91.342 %
Concentration per Run 2	89.865 %
Concentration per Run 3	89.748 %
Concentration RSD	1.0 %

3/8/2018 7:23:45 AM

 Analysis index: 88 Analysis started at: 3/7/2018 1:49:43 PM Rack: 1
 Analysis label: L1807597-02 6020TL User name: ALPHALAB\metals-instrument Vial: 59

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	76.332 %	89.474 %	0.009 ppb	68.587 ppb	2.809 ppb	9.088 ppb	6.386 ppb	18.125 ppb	74.141 %
Concentration per Run 1	76.012 %	88.284 %	0.010 ppb	63.644 ppb	2.507 ppb	7.759 ppb	11.907 ppb	0.424 ppb	74.063 %
Concentration per Run 2	76.383 %	89.815 %	0.011 ppb	54.215 ppb	3.042 ppb	7.692 ppb	5.120 ppb	26.064 ppb	74.290 %
Concentration per Run 3	76.602 %	90.325 %	0.007 ppb	87.902 ppb	2.879 ppb	11.812 ppb	2.131 ppb	27.887 ppb	74.071 %
Concentration RSD	0.4 %	1.2 %	19.8 %	25.3 %	9.8 %	26.0 %	78.4 %	84.7 %	0.2 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	86.484 %	-0.110 ppb	0.113 ppb	0.544 ppb	0.173 ppb	21.418 ppb	0.008 ppb	-0.406 ppb	0.228 ppb
Concentration per Run 1	81.331 %	-0.085 ppb	0.127 ppb	0.562 ppb	0.079 ppb	20.584 ppb	0.003 ppb	-0.455 ppb	0.258 ppb
Concentration per Run 2	85.090 %	-0.122 ppb	0.122 ppb	0.554 ppb	0.204 ppb	20.027 ppb	0.010 ppb	-0.361 ppb	0.253 ppb
Concentration per Run 3	93.031 %	-0.124 ppb	0.090 ppb	0.517 ppb	0.235 ppb	23.642 ppb	0.009 ppb	-0.402 ppb	0.173 ppb
Concentration RSD	6.9 %	19.6 %	18.1 %	4.4 %	48.1 %	9.1 %	48.5 %	11.6 %	20.9 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.490 ppb	80.772 %	0.024 ppb	0.092 ppb	0.037 ppb	0.021 ppb	82.951 %	0.037 ppb	0.002 ppb
Concentration per Run 1	0.540 ppb	77.689 %	0.011 ppb	0.173 ppb	0.046 ppb	-0.002 ppb	82.141 %	0.030 ppb	-0.003 ppb
Concentration per Run 2	0.521 ppb	77.255 %	0.011 ppb	0.030 ppb	0.006 ppb	0.013 ppb	81.648 %	0.022 ppb	0.011 ppb
Concentration per Run 3	0.409 ppb	87.374 %	0.049 ppb	0.072 ppb	0.059 ppb	0.053 ppb	85.065 %	0.058 ppb	-0.003 ppb
Concentration RSD	14.5 %	7.1 %	92.9 %	79.9 %	75.1 %	134.5 %	2.2 %	51.0 %	521.2 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	83.729 %	1.588 ppb	0.274 ppb	0.087 ppb	87.518 %	96.516 %	0.059 ppb	-0.001 ppb	0.018 ppb
Concentration per Run 1	81.191 %	1.572 ppb	0.222 ppb	0.082 ppb	86.590 %	93.746 %	0.032 ppb	-0.002 ppb	0.017 ppb
Concentration per Run 2	81.838 %	1.636 ppb	0.274 ppb	0.057 ppb	86.412 %	93.703 %	0.070 ppb	-0.001 ppb	0.018 ppb
Concentration per Run 3	88.157 %	1.557 ppb	0.326 ppb	0.122 ppb	89.553 %	102.101 %	0.075 ppb	0.001 ppb	0.020 ppb
Concentration RSD	4.6 %	2.6 %	19.0 %	37.7 %	2.0 %	5.0 %	39.9 %	140.7 %	9.7 %

Category	209Bi (KED AGD)
Concentration average	92.626 %
Concentration per Run 1	90.933 %
Concentration per Run 2	91.049 %
Concentration per Run 3	95.894 %
Concentration RSD	3.1 %

3/8/2018 7:23:45 AM

 Analysis index: 89 Analysis started at: 3/7/2018 1:53:36 PM Rack: 1
 Analysis label: L1807597-03 6020TL User name: ALPHALAB\metals-instrument Vial: 60

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	76.550 %	89.241 %	0.009 ppb	65.480 ppb	4.059 ppb	2.106 ppb	15.036 ppb	25.741 ppb	75.878 %
Concentration per Run 1	77.617 %	88.475 %	0.009 ppb	66.862 ppb	1.203 ppb	0.767 ppb	8.463 ppb	29.095 ppb	75.758 %
Concentration per Run 2	76.650 %	90.644 %	0.010 ppb	50.244 ppb	6.103 ppb	2.187 ppb	17.245 ppb	22.064 ppb	76.358 %
Concentration per Run 3	75.382 %	88.603 %	0.008 ppb	79.334 ppb	4.870 ppb	3.364 ppb	19.399 ppb	26.064 ppb	75.517 %
Concentration RSD	1.5 %	1.4 %	7.2 %	22.3 %	62.8 %	61.7 %	38.5 %	13.7 %	0.6 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	85.622 %	-0.079 ppb	0.047 ppb	0.296 ppb	32.986 ppb	7.329 ppb	0.005 ppb	-0.396 ppb	0.023 ppb
Concentration per Run 1	81.707 %	-0.183 ppb	0.057 ppb	0.139 ppb	31.023 ppb	4.565 ppb	-0.004 ppb	-0.407 ppb	0.028 ppb
Concentration per Run 2	86.570 %	0.002 ppb	0.054 ppb	0.286 ppb	32.208 ppb	13.939 ppb	0.010 ppb	-0.366 ppb	0.007 ppb
Concentration per Run 3	88.590 %	-0.054 ppb	0.031 ppb	0.464 ppb	35.726 ppb	3.482 ppb	0.010 ppb	-0.415 ppb	0.034 ppb
Concentration RSD	4.1 %	120.7 %	30.5 %	54.9 %	7.4 %	78.5 %	149.7 %	6.6 %	60.7 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	1.358 ppb	79.909 %	0.049 ppb	0.118 ppb	0.080 ppb	0.028 ppb	81.677 %	0.031 ppb	0.006 ppb
Concentration per Run 1	1.361 ppb	78.123 %	0.041 ppb	0.028 ppb	0.021 ppb	0.027 ppb	83.018 %	0.033 ppb	0.011 ppb
Concentration per Run 2	1.465 ppb	80.368 %	0.054 ppb	0.304 ppb	0.152 ppb	0.013 ppb	80.053 %	0.025 ppb	0.002 ppb
Concentration per Run 3	1.249 ppb	81.236 %	0.053 ppb	0.021 ppb	0.068 ppb	0.042 ppb	81.960 %	0.036 ppb	0.006 ppb
Concentration RSD	7.9 %	2.0 %	15.3 %	137.3 %	83.2 %	52.6 %	1.8 %	19.4 %	71.2 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	81.531 %	1.211 ppb	0.236 ppb	0.032 ppb	86.982 %	93.682 %	0.050 ppb	-0.002 ppb	-0.006 ppb
Concentration per Run 1	81.655 %	0.967 ppb	0.202 ppb	-0.017 ppb	87.095 %	94.408 %	0.023 ppb	-0.001 ppb	-0.012 ppb
Concentration per Run 2	79.106 %	1.185 ppb	0.243 ppb	0.059 ppb	85.289 %	90.591 %	0.063 ppb	-0.003 ppb	-0.001 ppb
Concentration per Run 3	83.831 %	1.481 ppb	0.262 ppb	0.055 ppb	88.564 %	96.048 %	0.063 ppb	-0.002 ppb	-0.004 ppb
Concentration RSD	2.9 %	21.3 %	13.1 %	133.2 %	1.9 %	3.0 %	46.5 %	59.9 %	93.9 %

Category	209Bi (KED AGD)
Concentration average	92.610 %
Concentration per Run 1	92.741 %
Concentration per Run 2	90.776 %
Concentration per Run 3	94.314 %
Concentration RSD	1.9 %

3/8/2018 7:23:45 AM

 Analysis index: 90 Analysis started at: 3/7/2018 1:57:30 PM Rack: 1
 Analysis label: WG1095170-6D5 6020TL User name: ALPHALAB/metals-instrument Vial: 55

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	77.660 %	86.561 %	0.005 ppb	72.585 ppb	0.808 ppb	0.719 ppb	4.644 ppb	9.696 ppb	74.661 %
Concentration per Run 1	77.673 %	92.239 %	0.005 ppb	42.414 ppb	0.556 ppb	0.784 ppb	5.124 ppb	10.225 ppb	74.969 %
Concentration per Run 2	78.044 %	81.905 %	0.005 ppb	96.780 ppb	1.953 ppb	0.374 ppb	8.582 ppb	9.817 ppb	74.295 %
Concentration per Run 3	77.263 %	85.541 %	0.004 ppb	78.562 ppb	-0.086 ppb	1.000 ppb	0.225 ppb	9.045 ppb	74.718 %
Concentration RSD	0.5 %	6.1 %	17.3 %	38.1 %	129.0 %	44.2 %	90.4 %	6.2 %	0.5 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	81.065 %	-0.235 ppb	0.003 ppb	0.161 ppb	0.055 ppb	2.403 ppb	0.001 ppb	-0.328 ppb	0.005 ppb
Concentration per Run 1	77.244 %	-0.253 ppb	-0.012 ppb	0.201 ppb	0.014 ppb	2.526 ppb	0.004 ppb	-0.378 ppb	-0.047 ppb
Concentration per Run 2	82.271 %	-0.307 ppb	0.034 ppb	0.116 ppb	0.078 ppb	3.152 ppb	-0.004 ppb	-0.380 ppb	0.015 ppb
Concentration per Run 3	83.680 %	-0.143 ppb	-0.012 ppb	0.168 ppb	0.072 ppb	1.530 ppb	0.003 ppb	-0.226 ppb	0.049 ppb
Concentration RSD	4.2 %	35.7 %	899.4 %	26.7 %	64.2 %	34.0 %	448.2 %	26.9 %	908.0 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.537 ppb	79.375 %	0.015 ppb	0.146 ppb	0.018 ppb	0.069 ppb	81.270 %	0.011 ppb	-0.005 ppb
Concentration per Run 1	0.497 ppb	78.781 %	0.011 ppb	0.098 ppb	-0.004 ppb	0.013 ppb	82.022 %	0.002 ppb	-0.003 ppb
Concentration per Run 2	0.562 ppb	76.057 %	0.011 ppb	0.254 ppb	0.041 ppb	0.091 ppb	80.563 %	0.013 ppb	-0.003 ppb
Concentration per Run 3	0.551 ppb	83.287 %	0.024 ppb	0.085 ppb	0.018 ppb	0.102 ppb	81.227 %	0.018 ppb	-0.008 ppb
Concentration RSD	6.5 %	4.6 %	48.7 %	64.8 %	120.6 %	71.1 %	0.9 %	73.4 %	58.8 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	82.058 %	0.596 ppb	0.077 ppb	0.000 ppb	86.208 %	93.188 %	-0.022 ppb	-0.002 ppb	-0.024 ppb
Concentration per Run 1	83.754 %	0.433 ppb	0.055 ppb	-0.042 ppb	87.167 %	94.020 %	-0.038 ppb	-0.003 ppb	-0.025 ppb
Concentration per Run 2	80.834 %	0.723 ppb	0.077 ppb	0.008 ppb	85.462 %	92.405 %	-0.014 ppb	-0.002 ppb	-0.023 ppb
Concentration per Run 3	81.586 %	0.633 ppb	0.098 ppb	0.033 ppb	85.995 %	93.140 %	-0.013 ppb	-0.001 ppb	-0.025 ppb
Concentration RSD	1.8 %	24.9 %	27.7 %	8,968.0 %	1.0 %	0.9 %	67.9 %	45.8 %	5.4 %

Category	209Bi (KED AGD)
Concentration average	91.555 %
Concentration per Run 1	93.102 %
Concentration per Run 2	92.444 %
Concentration per Run 3	89.119 %
Concentration RSD	2.3 %

3/8/2018 7:23:45 AM

 Analysis index: 91 Analysis started at: 3/7/2018 2:01:22 PM Rack: 0
 Analysis label: CCV User name: ALPHALAB\metals-instrument Vial: 9

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	79.924 %	90.963 %	107.776 ppb	10,258.321 ppb	10,303.553 ppb	101.867 ppb	9,530.607 ppb	9,941.567 ppb	86.910 %
Concentration per Run 1	79.949 %	94.152 %	108.300 ppb	9,414.959 ppb	9,204.180 ppb	90.577 ppb	8,390.366 ppb	8,697.881 ppb	87.450 %
Concentration per Run 2	78.851 %	90.644 %	107.426 ppb	10,698.486 ppb	10,840.905 ppb	110.225 ppb	9,840.127 ppb	10,225.230 ppb	85.638 %
Concentration per Run 3	80.972 %	88.092 %	107.601 ppb	10,661.519 ppb	10,865.574 ppb	104.800 ppb	10,361.327 ppb	10,901.590 ppb	87.641 %
Recovery Percentage 1			107.776 %	102.583 %	103.036 %	101.867 %	95.306 %	99.416 %	
Concentration RSD	1.3 %	3.3 %	0.4 %	7.1 %	9.2 %	10.0 %	10.7 %	11.4 %	1.3 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	98.951 %	94.392 ppb	104.824 ppb	105.090 ppb	106.124 ppb	10,379.345 ppb	103.578 ppb	102.523 ppb	104.568 ppb
Concentration per Run 1	94.745 %	78.045 ppb	96.455 ppb	96.338 ppb	100.772 ppb	9,380.814 ppb	94.512 ppb	96.630 ppb	95.452 ppb
Concentration per Run 2	99.514 %	99.477 ppb	107.742 ppb	109.834 ppb	109.746 ppb	10,858.756 ppb	109.767 ppb	107.831 ppb	108.987 ppb
Concentration per Run 3	102.592 %	105.655 ppb	110.276 ppb	109.097 ppb	107.855 ppb	10,898.466 ppb	106.456 ppb	103.107 ppb	109.265 ppb
Recovery Percentage 1		94.392 %	104.824 %	105.090 %	106.124 %	103.793 %	103.578 %	102.523 %	104.568 %
Concentration RSD	4.0 %	15.4 %	7.0 %	7.2 %	4.5 %	8.3 %	7.7 %	5.5 %	7.6 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	99.581 ppb	82.044 %	102.854 ppb	105.786 ppb	102.528 ppb	104.697 ppb	84.148 %	102.734 ppb	100.982 ppb
Concentration per Run 1	91.003 ppb	82.122 %	90.719 ppb	94.100 ppb	90.887 ppb	92.289 ppb	85.733 %	92.910 ppb	90.217 ppb
Concentration per Run 2	101.871 ppb	81.222 %	108.385 ppb	110.975 ppb	106.581 ppb	111.720 ppb	83.145 %	107.569 ppb	105.528 ppb
Concentration per Run 3	105.870 ppb	82.786 %	109.457 ppb	112.284 ppb	110.115 ppb	110.082 ppb	83.566 %	107.723 ppb	107.201 ppb
Recovery Percentage 1	99.581 %		102.854 %	105.786 %	102.528 %	104.697 %		102.734 %	100.982 %
Concentration RSD	7.7 %	1.0 %	10.2 %	9.6 %	10.0 %	10.3 %	1.7 %	8.3 %	9.3 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	86.866 %	91.608 ppb	99.251 ppb	103.752 ppb	89.867 %	95.309 %	98.816 ppb	99.540 ppb	98.306 ppb
Concentration per Run 1	86.747 %	80.179 ppb	86.435 ppb	91.866 ppb	90.181 %	96.283 %	87.401 ppb	90.411 ppb	87.981 ppb
Concentration per Run 2	86.610 %	94.434 ppb	103.740 ppb	109.746 ppb	88.294 %	95.069 %	101.786 ppb	101.956 ppb	101.274 ppb
Concentration per Run 3	87.241 %	100.211 ppb	107.577 ppb	109.645 ppb	91.125 %	94.576 %	107.261 ppb	106.251 ppb	105.663 ppb
Recovery Percentage 1		91.608 %	99.251 %	103.752 %			98.816 %	99.540 %	98.306 %
Concentration RSD	0.4 %	11.3 %	11.3 %	9.9 %	1.6 %	0.9 %	10.4 %	8.2 %	9.4 %

Category	209Bi (KED AGD)
Concentration average	92.614 %
Concentration per Run 1	93.928 %
Concentration per Run 2	93.289 %
Concentration per Run 3	90.627 %
Recovery Percentage 1	
Concentration RSD	1.9 %

3/8/2018 7:23:45 AM

 Analysis index: 92 Analysis started at: 3/7/2018 2:05:17 PM Rack: 0
 Analysis label: CCB User name: ALPHALAB\metals-instrument Vial: 10

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	82.208 %	92.579 %	0.012 ppb	25.767 ppb	0.080 ppb	0.161 ppb	-0.740 ppb	4.129 ppb	75.862 %
Concentration per Run 1	81.998 %	96.449 %	0.010 ppb	10.142 ppb	1.093 ppb	0.231 ppb	0.797 ppb	4.230 ppb	75.420 %
Concentration per Run 2	82.629 %	92.749 %	0.015 ppb	26.663 ppb	-0.738 ppb	-0.102 ppb	4.487 ppb	7.512 ppb	74.851 %
Concentration per Run 3	81.997 %	88.539 %	0.013 ppb	40.495 ppb	-0.114 ppb	0.355 ppb	-7.503 ppb	0.646 ppb	77.316 %
Recovery Percentage 1			2.499 %	25.767 %	0.080 %	1.611 %	-0.740 %	4.129 %	
Concentration RSD	0.4 %	4.3 %	18.8 %	59.0 %	1,156.4 %	146.7 %	830.4 %	83.2 %	1.7 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	86.836 %	-0.026 ppb	0.002 ppb	0.013 ppb	-0.006 ppb	18.365 ppb	0.012 ppb	-0.060 ppb	-0.025 ppb
Concentration per Run 1	83.469 %	-0.021 ppb	0.010 ppb	0.020 ppb	-0.026 ppb	22.001 ppb	0.023 ppb	-0.347 ppb	-0.054 ppb
Concentration per Run 2	88.449 %	-0.099 ppb	-0.012 ppb	-0.008 ppb	0.004 ppb	18.945 ppb	0.010 ppb	0.176 ppb	-0.067 ppb
Concentration per Run 3	88.590 %	0.043 ppb	0.009 ppb	0.027 ppb	0.003 ppb	14.149 ppb	0.003 ppb	-0.009 ppb	0.045 ppb
Recovery Percentage 1		-5.167 %	0.042 %	1.302 %	-0.614 %	36.730 %	2.401 %	-3.001 %	-2.532 %
Concentration RSD	3.4 %	276.3 %	599.6 %	142.2 %	277.4 %	21.6 %	87.4 %	441.8 %	243.4 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	-0.053 ppb	84.330 %	0.056 ppb	0.150 ppb	0.014 ppb	0.336 ppb	86.980 %	0.183 ppb	-0.001 ppb
Concentration per Run 1	-0.051 ppb	86.670 %	0.023 ppb	-0.122 ppb	0.025 ppb	0.389 ppb	91.379 %	0.142 ppb	0.005 ppb
Concentration per Run 2	-0.087 ppb	82.748 %	0.094 ppb	0.287 ppb	0.007 ppb	0.211 ppb	86.606 %	0.176 ppb	0.001 ppb
Concentration per Run 3	-0.020 ppb	83.571 %	0.052 ppb	0.286 ppb	0.009 ppb	0.409 ppb	82.955 %	0.231 ppb	-0.008 ppb
Recovery Percentage 1	-0.525 %	11.270 %	3.004 %	2.729 %	16.811 %		45.697 %	16.811 %	-0.327 %
Concentration RSD	63.5 %	2.5 %	63.9 %	157.1 %	69.9 %	32.5 %	4.9 %	24.5 %	974.1 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	88.860 %	4.875 ppb	2.143 ppb	0.225 ppb	91.820 %	95.556 %	0.905 ppb	0.022 ppb	0.008 ppb
Concentration per Run 1	92.364 %	4.182 ppb	1.854 ppb	0.203 ppb	94.347 %	98.909 %	0.758 ppb	0.019 ppb	0.006 ppb
Concentration per Run 2	89.388 %	5.001 ppb	2.036 ppb	0.369 ppb	92.498 %	96.474 %	0.917 ppb	0.022 ppb	0.013 ppb
Concentration per Run 3	84.828 %	5.442 ppb	2.540 ppb	0.102 ppb	88.614 %	91.287 %	1.040 ppb	0.025 ppb	0.005 ppb
Recovery Percentage 1		162.512 %	53.583 %	44.946 %			45.246 %	4.438 %	1.613 %
Concentration RSD	4.3 %	13.1 %	16.6 %	60.1 %	3.2 %	4.1 %	15.6 %	14.3 %	53.4 %

Category	209Bi (KED AGD)
Concentration average	94.752 %
Concentration per Run 1	97.174 %
Concentration per Run 2	96.657 %
Concentration per Run 3	90.425 %
Recovery Percentage 1	
Concentration RSD	4.0 %

3/8/2018 7:23:45 AM

 Analysis index: 93 Analysis started at: 3/7/2018 2:10:56 PM Rack: 2
 Analysis label: WG1095244-1 6020TL User name: ALPHALAB\metals-instrument Vial: 5

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	77.722 %	92.664 %	0.009 ppb	43.176 ppb	0.309 ppb	0.253 ppb	5.079 ppb	2.458 ppb	74.352 %
Concentration per Run 1	77.920 %	97.661 %	0.006 ppb	20.274 ppb	-0.163 ppb	0.325 ppb	21.008 ppb	1.746 ppb	73.794 %
Concentration per Run 2	77.600 %	92.877 %	0.008 ppb	37.090 ppb	-0.738 ppb	0.136 ppb	2.058 ppb	-0.347 ppb	74.093 %
Concentration per Run 3	77.646 %	87.454 %	0.012 ppb	72.163 ppb	1.827 ppb	0.298 ppb	-7.830 ppb	5.974 ppb	75.169 %
Concentration RSD	0.2 %	5.5 %	38.1 %	61.3 %	435.5 %	40.5 %	288.5 %	131.0 %	1.0 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	87.956 %	-0.147 ppb	0.022 ppb	0.098 ppb	0.066 ppb	8.853 ppb	0.012 ppb	-0.354 ppb	0.010 ppb
Concentration per Run 1	94.065 %	-0.289 ppb	0.048 ppb	0.055 ppb	0.055 ppb	6.145 ppb	0.015 ppb	-0.448 ppb	0.032 ppb
Concentration per Run 2	85.278 %	-0.069 ppb	0.032 ppb	0.071 ppb	0.006 ppb	10.462 ppb	0.010 ppb	-0.344 ppb	-0.009 ppb
Concentration per Run 3	84.526 %	-0.083 ppb	-0.012 ppb	0.168 ppb	0.137 ppb	9.951 ppb	0.010 ppb	-0.270 ppb	0.008 ppb
Concentration RSD	6.0 %	84.0 %	139.5 %	62.3 %	100.2 %	26.6 %	23.6 %	25.4 %	197.6 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.099 ppb	85.099 %	0.028 ppb	0.030 ppb	0.034 ppb	0.102 ppb	84.646 %	0.050 ppb	0.000 ppb
Concentration per Run 1	0.090 ppb	92.075 %	0.034 ppb	0.120 ppb	0.014 ppb	0.116 ppb	90.374 %	0.050 ppb	-0.004 ppb
Concentration per Run 2	0.034 ppb	82.598 %	0.010 ppb	0.018 ppb	0.067 ppb	0.057 ppb	81.573 %	0.058 ppb	0.011 ppb
Concentration per Run 3	0.173 ppb	80.622 %	0.039 ppb	-0.047 ppb	0.020 ppb	0.132 ppb	81.991 %	0.041 ppb	-0.008 ppb
Concentration RSD	70.2 %	7.2 %	55.9 %	277.9 %	85.7 %	38.8 %	5.9 %	16.9 %	5,671.2 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	86.191 %	2.247 ppb	0.681 ppb	-0.018 ppb	90.646 %	98.044 %	0.137 ppb	0.005 ppb	-0.010 ppb
Concentration per Run 1	93.388 %	1.915 ppb	0.505 ppb	-0.042 ppb	94.444 %	104.894 %	0.085 ppb	0.007 ppb	-0.011 ppb
Concentration per Run 2	83.730 %	2.573 ppb	0.689 ppb	0.006 ppb	88.421 %	93.774 %	0.140 ppb	0.005 ppb	-0.008 ppb
Concentration per Run 3	81.455 %	2.254 ppb	0.850 ppb	-0.018 ppb	89.072 %	95.465 %	0.185 ppb	0.004 ppb	-0.010 ppb
Concentration RSD	7.4 %	14.7 %	25.4 %	136.7 %	3.6 %	6.1 %	36.9 %	33.0 %	14.2 %

Category	209Bi (KED AGD)
Concentration average	95.260 %
Concentration per Run 1	100.432 %
Concentration per Run 2	93.198 %
Concentration per Run 3	92.149 %
Concentration RSD	4.7 %

3/8/2018 7:23:45 AM

 Analysis index: 94 Analysis started at: 3/7/2018 2:14:48 PM Rack: 2
 Analysis label: WG1095244-2D5 6020TL User name: ALPHALAB/metals-instrument Vial: 6

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	78.825 %	92.621 %	11.367 ppb	2,082.748 ppb	2,070.786 ppb	438.535 ppb	2,012.778 ppb	1,858.339 ppb	68.445 %
Concentration per Run 1	78.455 %	90.899 %	11.419 ppb	1,930.410 ppb	1,930.586 ppb	412.270 ppb	1,840.085 ppb	1,830.630 ppb	67.250 %
Concentration per Run 2	79.379 %	97.214 %	11.372 ppb	2,160.389 ppb	2,148.438 ppb	464.613 ppb	2,107.321 ppb	1,862.700 ppb	68.622 %
Concentration per Run 3	78.640 %	89.751 %	11.311 ppb	2,157.445 ppb	2,133.332 ppb	438.722 ppb	2,090.928 ppb	1,881.686 ppb	69.463 %
Concentration RSD	0.6 %	4.3 %	0.5 %	6.3 %	5.9 %	6.0 %	7.4 %	1.4 %	1.6 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	76.814 %	190.418 ppb	110.249 ppb	43.931 ppb	110.520 ppb	224.669 ppb	105.464 ppb	104.350 ppb	52.716 ppb
Concentration per Run 1	70.902 %	187.680 ppb	111.730 ppb	43.398 ppb	105.308 ppb	216.643 ppb	103.795 ppb	100.846 ppb	52.951 ppb
Concentration per Run 2	83.775 %	191.194 ppb	109.508 ppb	43.618 ppb	112.618 ppb	225.087 ppb	103.555 ppb	105.297 ppb	51.102 ppb
Concentration per Run 3	75.764 %	192.380 ppb	109.510 ppb	44.776 ppb	113.634 ppb	232.277 ppb	109.042 ppb	106.906 ppb	54.096 ppb
Concentration RSD	8.5 %	1.3 %	1.2 %	1.7 %	4.1 %	3.5 %	2.9 %	3.0 %	2.9 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	105.628 ppb	83.103 %	26.512 ppb	25.335 ppb	221.798 ppb	209.088 ppb	84.255 %	11.489 ppb	10.977 ppb
Concentration per Run 1	99.402 ppb	77.478 %	25.824 ppb	22.921 ppb	210.031 ppb	201.683 ppb	82.347 %	10.670 ppb	10.112 ppb
Concentration per Run 2	105.886 ppb	88.715 %	26.037 ppb	29.360 ppb	229.963 ppb	206.317 ppb	87.878 %	11.549 ppb	10.836 ppb
Concentration per Run 3	111.596 ppb	83.116 %	27.676 ppb	23.726 ppb	225.400 ppb	219.263 ppb	82.539 %	12.248 ppb	11.982 ppb
Concentration RSD	5.8 %	6.8 %	3.8 %	13.8 %	4.7 %	4.4 %	3.7 %	6.9 %	8.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	85.574 %	189.951 ppb	119.783 ppb	402.442 ppb	89.807 %	95.290 %	0.173 ppb	25.290 ppb	109.548 ppb
Concentration per Run 1	82.220 %	181.238 ppb	115.807 ppb	367.856 ppb	85.873 %	90.173 %	0.149 ppb	24.746 ppb	107.002 ppb
Concentration per Run 2	91.280 %	188.018 ppb	119.455 ppb	429.681 ppb	94.217 %	101.304 %	0.152 ppb	25.615 ppb	109.618 ppb
Concentration per Run 3	83.222 %	200.598 ppb	124.088 ppb	409.789 ppb	89.330 %	94.391 %	0.219 ppb	25.509 ppb	112.025 ppb
Concentration RSD	5.8 %	5.2 %	3.5 %	7.8 %	4.7 %	5.9 %	22.9 %	1.9 %	2.3 %

Category	209Bi (KED AGD)
Concentration average	91.612 %
Concentration per Run 1	87.526 %
Concentration per Run 2	95.021 %
Concentration per Run 3	92.290 %
Concentration RSD	4.1 %

3/8/2018 7:23:45 AM

 Analysis index: 95 Analysis started at: 3/7/2018 2:20:18 PM Rack: 2
 Analysis label: WG1095244-3D10 6020TL User name: ALPHALAB\metals-instrument Vial: 7

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	83.222 %	95.386 %	5.929 ppb	10,240.192 ppb	5,824.990 ppb	250.880 ppb	2,182.587 ppb	4,618.820 ppb	76.035 %
Concentration per Run 1	83.482 %	92.430 %	5.983 ppb	10,403.581 ppb	5,961.608 ppb	261.528 ppb	2,180.209 ppb	4,303.650 ppb	76.246 %
Concentration per Run 2	83.323 %	93.132 %	5.878 ppb	10,425.062 ppb	5,898.431 ppb	252.385 ppb	2,185.722 ppb	4,785.319 ppb	77.215 %
Concentration per Run 3	82.860 %	100.595 %	5.926 ppb	9,891.932 ppb	5,614.930 ppb	238.726 ppb	2,181.831 ppb	4,767.490 ppb	74.644 %
Concentration RSD	0.4 %	4.7 %	0.9 %	2.9 %	3.2 %	4.6 %	0.1 %	5.9 %	1.7 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	79.476 %	91.214 ppb	67.778 ppb	26.744 ppb	65.022 ppb	137.666 ppb	60.810 ppb	61.150 ppb	29.714 ppb
Concentration per Run 1	72.899 %	91.750 ppb	72.124 ppb	27.922 ppb	66.981 ppb	151.205 ppb	61.964 ppb	61.516 ppb	29.877 ppb
Concentration per Run 2	77.152 %	90.811 ppb	66.943 ppb	27.259 ppb	64.844 ppb	149.156 ppb	62.806 ppb	65.416 ppb	30.494 ppb
Concentration per Run 3	88.379 %	91.080 ppb	64.266 ppb	25.051 ppb	63.242 ppb	112.638 ppb	57.660 ppb	56.519 ppb	28.769 ppb
Concentration RSD	10.1 %	0.5 %	5.9 %	5.6 %	2.9 %	15.8 %	4.5 %	7.3 %	2.9 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	59.914 ppb	83.417 %	13.994 ppb	14.086 ppb	133.556 ppb	104.692 ppb	84.748 %	5.629 ppb	5.782 ppb
Concentration per Run 1	60.146 ppb	79.807 %	14.263 ppb	14.849 ppb	133.503 ppb	103.713 ppb	82.854 %	5.581 ppb	5.723 ppb
Concentration per Run 2	62.039 ppb	82.761 %	14.194 ppb	13.026 ppb	130.520 ppb	106.191 ppb	82.769 %	5.747 ppb	5.905 ppb
Concentration per Run 3	57.557 ppb	87.684 %	13.525 ppb	14.384 ppb	136.645 ppb	104.173 ppb	88.619 %	5.559 ppb	5.717 ppb
Concentration RSD	3.8 %	4.8 %	2.9 %	6.7 %	2.3 %	1.3 %	4.0 %	1.8 %	1.8 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	86.475 %	97.014 ppb	62.012 ppb	225.187 ppb	90.857 %	96.185 %	0.143 ppb	12.506 ppb	53.802 ppb
Concentration per Run 1	84.909 %	99.111 ppb	60.672 ppb	222.474 ppb	87.604 %	93.023 %	0.032 ppb	12.510 ppb	54.288 ppb
Concentration per Run 2	81.940 %	97.984 ppb	63.699 ppb	227.110 ppb	88.533 %	93.971 %	0.107 ppb	12.626 ppb	53.860 ppb
Concentration per Run 3	92.576 %	93.947 ppb	61.665 ppb	225.977 ppb	96.435 %	101.560 %	0.291 ppb	12.382 ppb	53.258 ppb
Concentration RSD	6.3 %	2.8 %	2.5 %	1.1 %	5.3 %	4.9 %	92.9 %	1.0 %	1.0 %

Category	209Bi (KED AGD)
Concentration average	93.154 %
Concentration per Run 1	90.030 %
Concentration per Run 2	90.239 %
Concentration per Run 3	99.193 %
Concentration RSD	5.6 %

3/8/2018 7:23:45 AM

 Analysis index: 96 Analysis started at: 3/7/2018 2:24:10 PM Rack: 2
 Analysis label: WG1095244-5D10 6020TL User name: ALPHALAB\metals-instrument Vial: 8

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	84.040 %	92.281 %	58.581 ppb	14,836.996 ppb	10,545.268 ppb	61.102 ppb	6,434.288 ppb	9,263.025 ppb	82.953 %
Concentration per Run 1	84.201 %	91.282 %	58.823 ppb	14,507.982 ppb	10,354.424 ppb	62.213 ppb	6,266.352 ppb	8,823.825 ppb	83.324 %
Concentration per Run 2	84.747 %	94.408 %	58.504 ppb	15,069.857 ppb	10,652.587 ppb	63.058 ppb	6,404.505 ppb	9,433.511 ppb	82.872 %
Concentration per Run 3	83.170 %	91.154 %	58.415 ppb	14,933.149 ppb	10,628.792 ppb	58.034 ppb	6,632.006 ppb	9,531.738 ppb	82.664 %
Concentration RSD	1.0 %	2.0 %	0.4 %	2.0 %	1.6 %	4.4 %	2.9 %	4.1 %	0.4 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	85.122 %	57.386 ppb	65.150 ppb	65.252 ppb	63.964 ppb	6,319.089 ppb	61.651 ppb	60.198 ppb	59.280 ppb
Concentration per Run 1	80.885 %	56.659 ppb	66.241 ppb	64.872 ppb	61.560 ppb	6,406.654 ppb	60.871 ppb	57.406 ppb	57.212 ppb
Concentration per Run 2	87.650 %	59.200 ppb	66.316 ppb	65.263 ppb	65.745 ppb	6,266.484 ppb	62.726 ppb	61.300 ppb	61.050 ppb
Concentration per Run 3	86.831 %	56.300 ppb	62.893 ppb	65.621 ppb	64.588 ppb	6,284.127 ppb	61.357 ppb	61.887 ppb	59.578 ppb
Concentration RSD	4.3 %	2.8 %	3.0 %	0.6 %	3.4 %	1.2 %	1.6 %	4.0 %	3.3 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	61.439 ppb	83.571 %	56.179 ppb	59.005 ppb	84.565 ppb	57.485 ppb	85.149 %	3.933 ppb	57.321 ppb
Concentration per Run 1	60.208 ppb	82.182 %	54.643 ppb	57.179 ppb	80.825 ppb	56.186 ppb	84.049 %	3.819 ppb	55.476 ppb
Concentration per Run 2	62.355 ppb	85.513 %	56.707 ppb	61.635 ppb	86.445 ppb	57.367 ppb	86.252 %	4.004 ppb	57.440 ppb
Concentration per Run 3	61.754 ppb	83.016 %	57.187 ppb	58.203 ppb	86.424 ppb	58.902 ppb	85.145 %	3.976 ppb	59.047 ppb
Concentration RSD	1.8 %	2.1 %	2.4 %	4.0 %	3.8 %	2.4 %	1.3 %	2.5 %	3.1 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	85.906 %	62.472 ppb	73.226 ppb	66.266 ppb	91.662 %	96.495 %	34.494 ppb	55.326 ppb	54.337 ppb
Concentration per Run 1	85.306 %	59.467 ppb	70.058 ppb	63.214 ppb	89.243 %	95.048 %	34.003 ppb	55.036 ppb	53.493 ppb
Concentration per Run 2	87.014 %	63.902 ppb	74.331 ppb	66.664 ppb	93.783 %	99.500 %	33.914 ppb	54.814 ppb	54.280 ppb
Concentration per Run 3	85.397 %	64.047 ppb	75.289 ppb	68.920 ppb	91.959 %	94.937 %	35.563 ppb	56.130 ppb	55.238 ppb
Concentration RSD	1.1 %	4.2 %	3.8 %	4.3 %	2.5 %	2.7 %	2.7 %	1.3 %	1.6 %

Category	209Bi (KED AGD)
Concentration average	92.949 %
Concentration per Run 1	89.209 %
Concentration per Run 2	95.334 %
Concentration per Run 3	94.305 %
Concentration RSD	3.5 %

3/8/2018 7:23:45 AM

 Analysis index: 97 Analysis started at: 3/7/2018 2:28:02 PM Rack: 2
 Analysis label: WG1095244-4 6020TL User name: ALPHALAB\metals-instrument Vial: 9

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	75.744 %	88.347 %	0.011 ppb	82,234.492 ppb	43,007.272 ppb	7.344 ppb	12,471.321 ppb	36,864.145 ppb	76.004 %
Concentration per Run 1	78.097 %	90.453 %	0.013 ppb	75,917.115 ppb	39,105.834 ppb	6.927 ppb	11,414.391 ppb	33,330.952 ppb	77.236 %
Concentration per Run 2	74.815 %	90.899 %	0.011 ppb	84,444.413 ppb	44,128.490 ppb	7.441 ppb	12,697.346 ppb	37,230.718 ppb	76.160 %
Concentration per Run 3	74.320 %	83.691 %	0.009 ppb	86,341.949 ppb	45,787.491 ppb	7.664 ppb	13,302.226 ppb	40,030.764 ppb	74.616 %
Concentration RSD	2.7 %	4.6 %	16.1 %	6.8 %	8.1 %	5.1 %	7.7 %	9.1 %	1.7 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	87.463 %	50.738 ppb	0.162 ppb	0.386 ppb	4.831 ppb	25.084 ppb	0.030 ppb	1.036 ppb	0.216 ppb
Concentration per Run 1	86.687 %	44.642 ppb	0.206 ppb	0.311 ppb	4.076 ppb	26.065 ppb	0.030 ppb	0.969 ppb	0.221 ppb
Concentration per Run 2	88.778 %	52.172 ppb	0.073 ppb	0.381 ppb	5.332 ppb	20.366 ppb	0.023 ppb	0.890 ppb	0.163 ppb
Concentration per Run 3	86.924 %	55.398 ppb	0.206 ppb	0.467 ppb	5.086 ppb	28.821 ppb	0.037 ppb	1.249 ppb	0.265 ppb
Concentration RSD	1.3 %	10.9 %	47.3 %	20.2 %	13.8 %	17.2 %	23.0 %	18.2 %	23.7 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	3.016 ppb	81.969 %	0.513 ppb	0.136 ppb	278.057 ppb	0.769 ppb	79.982 %	0.099 ppb	0.008 ppb
Concentration per Run 1	2.940 ppb	82.400 %	0.547 ppb	0.018 ppb	250.545 ppb	0.618 ppb	82.955 %	0.068 ppb	0.015 ppb
Concentration per Run 2	3.029 ppb	81.595 %	0.510 ppb	0.160 ppb	295.545 ppb	0.943 ppb	79.830 %	0.119 ppb	0.016 ppb
Concentration per Run 3	3.077 ppb	81.911 %	0.480 ppb	0.229 ppb	288.079 ppb	0.747 ppb	77.161 %	0.111 ppb	-0.008 ppb
Concentration RSD	2.3 %	0.5 %	6.5 %	79.3 %	8.7 %	21.3 %	3.6 %	27.6 %	173.7 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	82.366 %	10.497 ppb	0.890 ppb	81.943 ppb	88.073 %	95.554 %	0.707 ppb	0.026 ppb	0.057 ppb
Concentration per Run 1	85.481 %	9.010 ppb	0.763 ppb	73.881 ppb	90.434 %	100.027 %	0.599 ppb	0.023 ppb	0.048 ppb
Concentration per Run 2	82.390 %	11.075 ppb	0.922 ppb	85.107 ppb	87.723 %	95.128 %	0.762 ppb	0.028 ppb	0.055 ppb
Concentration per Run 3	79.226 %	11.405 ppb	0.984 ppb	86.840 ppb	86.062 %	91.507 %	0.760 ppb	0.027 ppb	0.067 ppb
Concentration RSD	3.8 %	12.4 %	12.8 %	8.6 %	2.5 %	4.5 %	13.2 %	10.1 %	17.2 %

Category	209Bi (KED AGD)
Concentration average	89.444 %
Concentration per Run 1	91.763 %
Concentration per Run 2	91.505 %
Concentration per Run 3	85.063 %
Concentration RSD	4.2 %

3/8/2018 7:23:45 AM

 Analysis index: 98 Analysis started at: 3/7/2018 2:31:55 PM Rack: 2
 Analysis label: L1807540-01 6020TL User name: ALPHALAB\metals-instrument Vial: 10

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	76.707 %	91.941 %	0.009 ppb	81,664.650 ppb	43,178.924 ppb	7.359 ppb	12,322.969 ppb	36,462.685 ppb	75.677 %
Concentration per Run 1	77.282 %	93.387 %	0.012 ppb	76,873.567 ppb	39,942.638 ppb	6.288 ppb	11,446.108 ppb	32,444.780 ppb	76.410 %
Concentration per Run 2	76.376 %	91.728 %	0.010 ppb	84,563.370 ppb	44,771.278 ppb	8.484 ppb	12,702.170 ppb	38,082.289 ppb	74.724 %
Concentration per Run 3	76.464 %	90.708 %	0.005 ppb	83,557.013 ppb	44,822.858 ppb	7.307 ppb	12,820.628 ppb	38,860.987 ppb	75.897 %
Concentration RSD	0.7 %	1.5 %	37.4 %	5.1 %	6.5 %	14.9 %	6.2 %	9.6 %	1.1 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	85.419 %	48.722 ppb	0.159 ppb	0.443 ppb	5.134 ppb	11.516 ppb	0.029 ppb	0.857 ppb	0.248 ppb
Concentration per Run 1	84.033 %	42.491 ppb	0.258 ppb	0.364 ppb	4.800 ppb	10.764 ppb	0.003 ppb	0.830 ppb	0.337 ppb
Concentration per Run 2	84.784 %	50.698 ppb	0.144 ppb	0.486 ppb	5.616 ppb	14.104 ppb	0.052 ppb	0.860 ppb	0.257 ppb
Concentration per Run 3	87.439 %	52.978 ppb	0.075 ppb	0.480 ppb	4.986 ppb	9.679 ppb	0.031 ppb	0.881 ppb	0.151 ppb
Concentration RSD	2.1 %	11.3 %	58.4 %	15.5 %	8.3 %	20.0 %	85.7 %	3.0 %	37.6 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	4.069 ppb	80.513 %	0.492 ppb	0.023 ppb	289.714 ppb	0.337 ppb	81.024 %	0.067 ppb	-0.005 ppb
Concentration per Run 1	3.999 ppb	79.530 %	0.420 ppb	-0.046 ppb	264.893 ppb	0.208 ppb	82.225 %	0.045 ppb	-0.008 ppb
Concentration per Run 2	4.154 ppb	80.817 %	0.587 ppb	-0.047 ppb	300.932 ppb	0.285 ppb	81.035 %	0.060 ppb	-0.003 ppb
Concentration per Run 3	4.053 ppb	81.191 %	0.470 ppb	0.161 ppb	303.318 ppb	0.517 ppb	79.812 %	0.097 ppb	-0.003 ppb
Concentration RSD	1.9 %	1.1 %	17.4 %	528.6 %	7.4 %	47.8 %	1.5 %	40.0 %	59.5 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	82.017 %	4.737 ppb	0.476 ppb	82.659 ppb	87.105 %	95.589 %	0.235 ppb	0.005 ppb	0.031 ppb
Concentration per Run 1	82.340 %	4.219 ppb	0.382 ppb	75.441 ppb	87.957 %	96.496 %	0.181 ppb	0.006 ppb	0.026 ppb
Concentration per Run 2	82.442 %	4.647 ppb	0.511 ppb	85.401 ppb	87.330 %	96.458 %	0.261 ppb	0.005 ppb	0.032 ppb
Concentration per Run 3	81.271 %	5.346 ppb	0.534 ppb	87.136 ppb	86.028 %	93.813 %	0.264 ppb	0.004 ppb	0.034 ppb
Concentration RSD	0.8 %	12.0 %	17.2 %	7.6 %	1.1 %	1.6 %	20.1 %	22.6 %	14.5 %

Category	209Bi (KED AGD)
Concentration average	87.875 %
Concentration per Run 1	89.381 %
Concentration per Run 2	87.296 %
Concentration per Run 3	86.949 %
Concentration RSD	1.5 %

3/8/2018 7:23:45 AM

 Analysis index: 99 Analysis started at: 3/7/2018 2:35:48 PM Rack: 2
 Analysis label: L1807597-04 6020TL User name: ALPHALAB\metals-instrument Vial: 1

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	77.668 %	93.068 %	0.009 ppb	42.802 ppb	4.116 ppb	1.603 ppb	15.476 ppb	19.874 ppb	75.791 %
Concentration per Run 1	78.019 %	96.258 %	0.009 ppb	22.088 ppb	3.475 ppb	2.089 ppb	3.209 ppb	32.725 ppb	75.472 %
Concentration per Run 2	78.069 %	93.451 %	0.009 ppb	40.345 ppb	4.581 ppb	1.693 ppb	14.906 ppb	26.571 ppb	76.484 %
Concentration per Run 3	76.916 %	89.496 %	0.009 ppb	65.973 ppb	4.294 ppb	1.029 ppb	28.312 ppb	0.326 ppb	75.418 %
Concentration RSD	0.8 %	3.7 %	3.3 %	51.5 %	13.9 %	33.4 %	81.2 %	86.6 %	0.8 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	88.536 %	-0.037 ppb	0.038 ppb	0.250 ppb	0.346 ppb	7.730 ppb	0.005 ppb	-0.424 ppb	0.132 ppb
Concentration per Run 1	86.453 %	-0.080 ppb	0.031 ppb	0.227 ppb	0.318 ppb	8.893 ppb	0.010 ppb	-0.348 ppb	0.243 ppb
Concentration per Run 2	93.383 %	-0.071 ppb	0.008 ppb	0.272 ppb	0.360 ppb	6.525 ppb	-0.004 ppb	-0.464 ppb	0.071 ppb
Concentration per Run 3	85.771 %	0.039 ppb	0.076 ppb	0.253 ppb	0.359 ppb	7.774 ppb	0.010 ppb	-0.459 ppb	0.081 ppb
Concentration RSD	4.8 %	176.3 %	90.0 %	9.0 %	6.9 %	15.3 %	149.8 %	15.5 %	73.3 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.684 ppb	82.643 %	0.033 ppb	-0.030 ppb	0.048 ppb	0.168 ppb	84.227 %	0.058 ppb	0.013 ppb
Concentration per Run 1	0.582 ppb	84.530 %	0.051 ppb	0.079 ppb	0.045 ppb	0.124 ppb	86.239 %	0.042 ppb	0.010 ppb
Concentration per Run 2	0.772 ppb	82.928 %	0.038 ppb	0.017 ppb	0.064 ppb	0.172 ppb	84.221 %	0.066 ppb	0.015 ppb
Concentration per Run 3	0.697 ppb	80.473 %	0.011 ppb	-0.187 ppb	0.036 ppb	0.207 ppb	82.221 %	0.065 ppb	0.015 ppb
Concentration RSD	14.0 %	2.5 %	62.4 %	458.7 %	29.7 %	24.7 %	2.4 %	23.2 %	23.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	85.643 %	3.154 ppb	0.391 ppb	-0.010 ppb	88.719 %	96.864 %	0.089 ppb	0.000 ppb	-0.008 ppb
Concentration per Run 1	88.763 %	2.519 ppb	0.280 ppb	-0.019 ppb	90.563 %	100.418 %	0.041 ppb	-0.003 ppb	-0.010 ppb
Concentration per Run 2	85.086 %	3.419 ppb	0.449 ppb	-0.018 ppb	89.337 %	97.854 %	0.104 ppb	0.002 ppb	-0.005 ppb
Concentration per Run 3	83.080 %	3.525 ppb	0.444 ppb	0.007 ppb	86.256 %	92.318 %	0.122 ppb	-0.001 ppb	-0.008 ppb
Concentration RSD	3.4 %	17.5 %	24.7 %	149.9 %	2.5 %	4.3 %	48.1 %	599.0 %	30.8 %

Category	209Bi (KED AGD)
Concentration average	94.462 %
Concentration per Run 1	95.897 %
Concentration per Run 2	94.270 %
Concentration per Run 3	93.218 %
Concentration RSD	1.4 %

3/8/2018 7:23:45 AM

 Analysis index: 100 Analysis started at: 3/7/2018 2:39:39 PM Rack: 2
 Analysis label: L1807597-05 6020TL User name: ALPHALAB\metals-instrument Vial: 2

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	70.848 %	89.538 %	0.006 ppb	52.277 ppb	2.642 ppb	2.040 ppb	10.421 ppb	39.668 ppb	68.789 %
Concentration per Run 1	76.152 %	89.177 %	0.002 ppb	36.068 ppb	2.510 ppb	1.572 ppb	6.737 ppb	39.123 ppb	73.514 %
Concentration per Run 2	70.992 %	93.451 %	0.005 ppb	71.889 ppb	2.261 ppb	2.886 ppb	3.623 ppb	39.080 ppb	67.700 %
Concentration per Run 3	65.401 %	85.987 %	0.010 ppb	48.875 ppb	3.155 ppb	1.662 ppb	20.904 ppb	40.801 ppb	65.152 %
Concentration RSD	7.6 %	4.2 %	63.5 %	34.7 %	17.5 %	36.0 %	88.4 %	2.5 %	6.2 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	84.863 %	-0.155 ppb	0.063 ppb	1.241 ppb	5.871 ppb	15.333 ppb	0.008 ppb	-0.186 ppb	10.263 ppb
Concentration per Run 1	80.110 %	-0.185 ppb	0.105 ppb	1.079 ppb	5.331 ppb	19.132 ppb	0.018 ppb	-0.211 ppb	9.752 ppb
Concentration per Run 2	90.446 %	-0.102 ppb	0.030 ppb	1.175 ppb	6.212 ppb	13.895 ppb	0.009 ppb	-0.106 ppb	10.578 ppb
Concentration per Run 3	84.033 %	-0.178 ppb	0.055 ppb	1.471 ppb	6.070 ppb	12.971 ppb	-0.004 ppb	-0.241 ppb	10.459 ppb
Concentration RSD	6.1 %	29.8 %	60.4 %	16.5 %	8.1 %	21.7 %	140.5 %	37.9 %	4.4 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	5.580 ppb	80.682 %	0.044 ppb	0.180 ppb	0.027 ppb	0.220 ppb	82.846 %	0.046 ppb	0.003 ppb
Concentration per Run 1	4.887 ppb	79.410 %	0.025 ppb	-0.116 ppb	0.012 ppb	0.193 ppb	82.301 %	0.031 ppb	0.002 ppb
Concentration per Run 2	5.713 ppb	84.290 %	0.037 ppb	0.414 ppb	0.031 ppb	0.270 ppb	85.106 %	0.041 ppb	0.001 ppb
Concentration per Run 3	6.140 ppb	78.347 %	0.070 ppb	0.243 ppb	0.038 ppb	0.196 ppb	81.130 %	0.066 ppb	0.006 ppb
Concentration RSD	11.4 %	3.9 %	52.4 %	150.1 %	49.9 %	20.0 %	2.5 %	38.6 %	93.1 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	83.475 %	2.549 ppb	0.367 ppb	0.006 ppb	88.200 %	96.776 %	0.081 ppb	0.000 ppb	0.401 ppb
Concentration per Run 1	80.751 %	2.162 ppb	0.271 ppb	-0.042 ppb	86.114 %	92.624 %	0.059 ppb	-0.002 ppb	0.357 ppb
Concentration per Run 2	87.517 %	2.650 ppb	0.365 ppb	0.028 ppb	90.897 %	101.549 %	0.093 ppb	0.002 ppb	0.417 ppb
Concentration per Run 3	82.157 %	2.835 ppb	0.466 ppb	0.032 ppb	87.587 %	96.154 %	0.090 ppb	0.000 ppb	0.429 ppb
Concentration RSD	4.3 %	13.6 %	26.6 %	702.6 %	2.8 %	4.6 %	23.5 %	3,567.1 %	9.5 %

Category	209Bi (KED AGD)
Concentration average	92.022 %
Concentration per Run 1	91.208 %
Concentration per Run 2	93.408 %
Concentration per Run 3	91.450 %
Concentration RSD	1.3 %

3/8/2018 7:23:45 AM

 Analysis index: 101 Analysis started at: 3/7/2018 2:43:31 PM Rack: 2
 Analysis label: L1807597-06 6020TL User name: ALPHALAB\metals-instrument Vial: 3

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	76.163 %	91.792 %	0.008 ppb	45.100 ppb	2.381 ppb	2.329 ppb	2.473 ppb	26.487 ppb	74.048 %
Concentration per Run 1	75.864 %	89.942 %	0.006 ppb	37.107 ppb	1.197 ppb	1.439 ppb	-2.860 ppb	25.569 ppb	74.308 %
Concentration per Run 2	75.780 %	90.963 %	0.010 ppb	32.037 ppb	5.505 ppb	2.530 ppb	-2.525 ppb	22.820 ppb	72.966 %
Concentration per Run 3	76.844 %	94.471 %	0.008 ppb	66.157 ppb	0.442 ppb	3.017 ppb	12.805 ppb	31.073 ppb	74.870 %
Concentration RSD	0.8 %	2.6 %	23.4 %	40.8 %	114.7 %	34.7 %	361.8 %	15.9 %	1.3 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	86.186 %	-0.149 ppb	0.076 ppb	0.245 ppb	0.104 ppb	8.480 ppb	0.017 ppb	-0.421 ppb	13.381 ppb
Concentration per Run 1	80.556 %	-0.186 ppb	0.058 ppb	0.259 ppb	0.114 ppb	9.069 ppb	0.011 ppb	-0.503 ppb	13.373 ppb
Concentration per Run 2	85.466 %	-0.126 ppb	0.121 ppb	0.360 ppb	0.168 ppb	7.798 ppb	0.031 ppb	-0.341 ppb	13.524 ppb
Concentration per Run 3	92.537 %	-0.135 ppb	0.050 ppb	0.115 ppb	0.032 ppb	8.574 ppb	0.009 ppb	-0.419 ppb	13.246 ppb
Concentration RSD	7.0 %	22.0 %	51.0 %	50.5 %	65.7 %	7.6 %	70.8 %	19.2 %	1.0 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	7.662 ppb	79.809 %	0.031 ppb	-0.072 ppb	0.053 ppb	0.133 ppb	82.112 %	0.052 ppb	-0.002 ppb
Concentration per Run 1	7.261 ppb	76.835 %	0.057 ppb	-0.187 ppb	0.065 ppb	0.121 ppb	80.874 %	0.027 ppb	-0.003 ppb
Concentration per Run 2	7.748 ppb	80.413 %	0.039 ppb	-0.117 ppb	0.037 ppb	0.134 ppb	80.910 %	0.063 ppb	0.002 ppb
Concentration per Run 3	7.976 ppb	82.179 %	-0.004 ppb	0.086 ppb	0.056 ppb	0.143 ppb	84.552 %	0.066 ppb	-0.003 ppb
Concentration RSD	4.8 %	3.4 %	101.7 %	196.1 %	27.4 %	8.2 %	2.6 %	41.6 %	178.5 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	83.512 %	1.957 ppb	0.283 ppb	0.023 ppb	87.629 %	96.446 %	0.077 ppb	-0.001 ppb	0.588 ppb
Concentration per Run 1	80.296 %	1.814 ppb	0.250 ppb	0.008 ppb	86.014 %	94.290 %	0.041 ppb	-0.002 ppb	0.539 ppb
Concentration per Run 2	82.751 %	1.828 ppb	0.291 ppb	0.080 ppb	87.639 %	95.322 %	0.085 ppb	-0.001 ppb	0.610 ppb
Concentration per Run 3	87.490 %	2.229 ppb	0.308 ppb	-0.018 ppb	89.233 %	99.724 %	0.105 ppb	0.000 ppb	0.615 ppb
Concentration RSD	4.4 %	12.0 %	10.5 %	219.0 %	1.8 %	3.0 %	42.5 %	63.1 %	7.3 %

Category	209Bi (KED AGD)
Concentration average	91.755 %
Concentration per Run 1	88.806 %
Concentration per Run 2	92.684 %
Concentration per Run 3	93.774 %
Concentration RSD	2.8 %

3/8/2018 7:23:45 AM

 Analysis index: 102 Analysis started at: 3/7/2018 2:47:23 PM Rack: 2
 Analysis label: L1807597-07 6020TL User name: ALPHALAB\metals-instrument Vial: 4

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	75.260 %	92.302 %	0.008 ppb	44.981 ppb	2.112 ppb	3.644 ppb	7.996 ppb	14.925 ppb	72.554 %
Concentration per Run 1	75.199 %	88.730 %	0.004 ppb	27.502 ppb	0.550 ppb	2.881 ppb	15.251 ppb	10.827 ppb	72.862 %
Concentration per Run 2	75.227 %	94.663 %	0.011 ppb	27.297 ppb	3.524 ppb	3.502 ppb	-0.070 ppb	14.394 ppb	71.643 %
Concentration per Run 3	75.355 %	93.515 %	0.008 ppb	80.144 ppb	2.262 ppb	4.549 ppb	8.806 ppb	19.554 ppb	73.156 %
Concentration RSD	0.1 %	3.4 %	48.7 %	67.7 %	70.7 %	23.1 %	96.2 %	29.4 %	1.1 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	86.163 %	-0.109 ppb	0.118 ppb	0.248 ppb	3.116 ppb	2.839 ppb	0.010 ppb	-0.419 ppb	0.385 ppb
Concentration per Run 1	82.200 %	-0.119 ppb	0.034 ppb	0.303 ppb	2.584 ppb	0.954 ppb	0.011 ppb	-0.455 ppb	0.166 ppb
Concentration per Run 2	86.006 %	-0.075 ppb	0.143 ppb	0.226 ppb	3.212 ppb	2.277 ppb	-0.004 ppb	-0.338 ppb	0.477 ppb
Concentration per Run 3	90.282 %	-0.132 ppb	0.177 ppb	0.213 ppb	3.552 ppb	5.287 ppb	0.023 ppb	-0.464 ppb	0.513 ppb
Concentration RSD	4.7 %	27.7 %	63.4 %	19.7 %	15.8 %	78.2 %	135.2 %	16.8 %	49.4 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.927 ppb	80.004 %	0.035 ppb	0.078 ppb	0.019 ppb	0.076 ppb	83.249 %	0.041 ppb	0.005 ppb
Concentration per Run 1	0.779 ppb	77.135 %	0.026 ppb	-0.115 ppb	0.029 ppb	0.087 ppb	83.642 %	0.021 ppb	-0.003 ppb
Concentration per Run 2	1.185 ppb	77.479 %	0.056 ppb	0.534 ppb	0.013 ppb	0.073 ppb	82.376 %	0.045 ppb	0.016 ppb
Concentration per Run 3	0.818 ppb	85.398 %	0.023 ppb	-0.187 ppb	0.015 ppb	0.069 ppb	83.729 %	0.059 ppb	0.001 ppb
Concentration RSD	24.2 %	5.8 %	51.5 %	511.3 %	45.0 %	12.3 %	0.9 %	46.5 %	213.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	83.635 %	1.623 ppb	0.238 ppb	0.062 ppb	88.122 %	97.056 %	0.156 ppb	-0.002 ppb	0.017 ppb
Concentration per Run 1	81.530 %	1.168 ppb	0.199 ppb	0.032 ppb	86.221 %	93.579 %	0.027 ppb	-0.002 ppb	0.016 ppb
Concentration per Run 2	81.783 %	1.923 ppb	0.234 ppb	0.057 ppb	87.065 %	95.992 %	0.232 ppb	-0.003 ppb	0.013 ppb
Concentration per Run 3	87.590 %	1.779 ppb	0.280 ppb	0.098 ppb	91.081 %	101.596 %	0.211 ppb	0.000 ppb	0.023 ppb
Concentration RSD	4.1 %	24.7 %	17.0 %	53.0 %	2.9 %	4.2 %	72.2 %	77.2 %	29.7 %

Category	209Bi (KED AGD)
Concentration average	92.905 %
Concentration per Run 1	92.127 %
Concentration per Run 2	90.863 %
Concentration per Run 3	95.724 %
Concentration RSD	2.7 %

3/8/2018 7:23:45 AM

 Analysis index: 103 Analysis started at: 3/7/2018 2:51:15 PM Rack: 0
 Analysis label: CCV User name: ALPHALAB\metals-instrument Vial: 9

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	79.271 %	92.090 %	107.478 ppb	10,108.976 ppb	10,372.922 ppb	98.637 ppb	9,327.243 ppb	9,810.784 ppb	85.405 %
Concentration per Run 1	78.521 %	93.897 %	107.716 ppb	9,639.624 ppb	9,811.708 ppb	92.709 ppb	8,584.336 ppb	8,867.201 ppb	84.516 %
Concentration per Run 2	79.709 %	88.156 %	107.671 ppb	10,555.247 ppb	10,780.649 ppb	102.564 ppb	9,817.448 ppb	10,461.236 ppb	86.844 %
Concentration per Run 3	79.582 %	94.216 %	107.047 ppb	10,132.056 ppb	10,526.409 ppb	100.638 ppb	9,579.944 ppb	10,103.914 ppb	84.855 %
Recovery Percentage 1			107.478 %	101.090 %	103.729 %	98.637 %	93.272 %	98.108 %	
Concentration RSD	0.8 %	3.7 %	0.3 %	4.5 %	4.8 %	5.3 %	7.0 %	8.5 %	1.5 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	96.280 %	93.094 ppb	104.453 ppb	104.822 ppb	107.320 ppb	10,455.967 ppb	103.728 ppb	102.375 ppb	101.016 ppb
Concentration per Run 1	89.859 %	79.020 ppb	99.392 ppb	98.711 ppb	100.830 ppb	9,843.608 ppb	98.331 ppb	91.574 ppb	94.230 ppb
Concentration per Run 2	98.880 %	103.628 ppb	105.133 ppb	107.588 ppb	109.490 ppb	10,559.299 ppb	106.303 ppb	107.763 ppb	102.540 ppb
Concentration per Run 3	100.102 %	96.634 ppb	108.833 ppb	108.165 ppb	111.640 ppb	10,964.995 ppb	106.551 ppb	107.788 ppb	106.279 ppb
Recovery Percentage 1		93.094 %	104.453 %	104.822 %	107.320 %	104.560 %	103.728 %	102.375 %	101.016 %
Concentration RSD	5.8 %	13.6 %	4.6 %	5.1 %	5.3 %	5.4 %	4.5 %	9.1 %	6.1 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	100.318 ppb	83.008 %	100.407 ppb	105.533 ppb	100.364 ppb	104.531 ppb	84.031 %	102.847 ppb	101.480 ppb
Concentration per Run 1	92.108 ppb	83.672 %	90.367 ppb	99.776 ppb	90.018 ppb	94.181 ppb	84.141 %	94.575 ppb	91.950 ppb
Concentration per Run 2	103.737 ppb	81.993 %	104.819 ppb	110.701 ppb	105.227 ppb	111.382 ppb	83.105 %	106.896 ppb	105.226 ppb
Concentration per Run 3	105.109 ppb	83.358 %	106.035 ppb	106.122 ppb	105.846 ppb	108.028 ppb	84.846 %	107.071 ppb	107.263 ppb
Recovery Percentage 1	100.318 %		100.407 %	105.533 %	100.364 %	104.531 %		102.847 %	101.480 %
Concentration RSD	7.1 %	1.1 %	8.7 %	5.2 %	8.9 %	8.7 %	1.0 %	7.0 %	8.2 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	85.794 %	92.612 ppb	98.676 ppb	103.270 ppb	90.267 %	96.413 %	97.742 ppb	99.196 ppb	97.447 ppb
Concentration per Run 1	86.274 %	82.292 ppb	88.659 ppb	92.016 ppb	88.659 ppb	95.721 %	89.704 ppb	93.353 ppb	90.036 ppb
Concentration per Run 2	84.397 %	95.379 ppb	102.267 ppb	107.945 ppb	88.840 %	95.870 %	100.958 ppb	101.529 ppb	100.156 ppb
Concentration per Run 3	86.713 %	100.165 ppb	105.102 ppb	109.849 ppb	91.095 %	97.649 %	102.564 ppb	102.706 ppb	102.147 ppb
Recovery Percentage 1		92.612 %	98.676 %	103.270 %			97.742 %	99.196 %	97.447 %
Concentration RSD	1.4 %	10.0 %	8.9 %	9.5 %	1.4 %	1.1 %	7.2 %	5.1 %	6.7 %

Category	209Bi (KED AGD)
Concentration average	92.882 %
Concentration per Run 1	91.857 %
Concentration per Run 2	93.481 %
Concentration per Run 3	93.308 %
Recovery Percentage 1	
Concentration RSD	1.0 %

3/8/2018 7:23:45 AM

 Analysis index: 104 Analysis started at: 3/7/2018 2:55:11 PM Rack: 0
 Analysis label: CCB User name: ALPHALAB\metals-instrument Vial: 10

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	81.243 %	92.260 %	0.012 ppb	10.248 ppb	0.925 ppb	0.286 ppb	4.521 ppb	2.595 ppb	74.903 %
Concentration per Run 1	81.190 %	94.344 %	0.012 ppb	-0.952 ppb	0.497 ppb	0.246 ppb	-8.637 ppb	-3.131 ppb	74.086 %
Concentration per Run 2	81.401 %	89.942 %	0.010 ppb	-6.160 ppb	2.400 ppb	0.481 ppb	15.116 ppb	13.265 ppb	75.649 %
Concentration per Run 3	81.140 %	92.494 %	0.014 ppb	37.856 ppb	-0.121 ppb	0.131 ppb	7.085 ppb	-2.351 ppb	74.972 %
Recovery Percentage 1			2.452 %	10.248 %	0.925 %	2.863 %	4.521 %	2.595 %	
Concentration RSD	0.2 %	2.4 %	17.2 %	234.7 %	142.0 %	62.3 %	267.2 %	356.5 %	1.0 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	85.152 %	0.005 ppb	0.017 ppb	0.055 ppb	-0.068 ppb	17.463 ppb	0.010 ppb	-0.183 ppb	-0.010 ppb
Concentration per Run 1	83.680 %	0.017 ppb	0.032 ppb	0.046 ppb	-0.025 ppb	10.588 ppb	0.010 ppb	-0.132 ppb	-0.023 ppb
Concentration per Run 2	85.677 %	-0.059 ppb	0.032 ppb	0.068 ppb	-0.089 ppb	24.730 ppb	-0.004 ppb	-0.138 ppb	-0.053 ppb
Concentration per Run 3	86.100 %	0.056 ppb	-0.012 ppb	0.050 ppb	-0.089 ppb	17.072 ppb	0.023 ppb	-0.279 ppb	0.046 ppb
Recovery Percentage 1		0.951 %	0.344 %	5.466 %	-6.788 %	34.926 %	1.971 %	-9.147 %	-0.999 %
Concentration RSD	1.5 %	1,230.5 %	149.5 %	21.0 %	54.9 %	40.5 %	138.2 %	45.4 %	505.8 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	-0.003 ppb	83.625 %	0.112 ppb	0.105 ppb	0.031 ppb	0.470 ppb	84.915 %	0.295 ppb	0.014 ppb
Concentration per Run 1	-0.035 ppb	82.823 %	0.108 ppb	0.016 ppb	0.086 ppb	0.284 ppb	85.749 %	0.213 ppb	0.027 ppb
Concentration per Run 2	0.055 ppb	83.598 %	0.107 ppb	0.217 ppb	0.000 ppb	0.517 ppb	84.987 %	0.308 ppb	0.010 ppb
Concentration per Run 3	-0.028 ppb	84.454 %	0.120 ppb	0.080 ppb	0.008 ppb	0.608 ppb	84.009 %	0.363 ppb	0.006 ppb
Recovery Percentage 1	-0.028 %		22.398 %	2.090 %	6.244 %	23.491 %		73.638 %	7.176 %
Concentration RSD	1,805.7 %	1.0 %	6.3 %	98.0 %	152.2 %	35.5 %	1.0 %	25.7 %	79.2 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	86.917 %	5.197 ppb	2.165 ppb	0.366 ppb	90.323 %	95.979 %	0.922 ppb	0.026 ppb	0.010 ppb
Concentration per Run 1	88.345 %	4.918 ppb	1.967 ppb	0.212 ppb	91.734 %	97.690 %	0.856 ppb	0.029 ppb	0.013 ppb
Concentration per Run 2	85.934 %	5.357 ppb	2.262 ppb	0.455 ppb	89.848 %	95.270 %	0.986 ppb	0.027 ppb	0.011 ppb
Concentration per Run 3	86.474 %	5.316 ppb	2.268 ppb	0.431 ppb	89.388 %	94.978 %	0.925 ppb	0.021 ppb	0.005 ppb
Recovery Percentage 1		173.229 %	54.137 %	73.151 %			46.118 %	5.186 %	1.926 %
Concentration RSD	1.5 %	4.7 %	8.0 %	36.6 %	1.4 %	1.6 %	7.0 %	15.9 %	40.8 %

Category	209Bi (KED AGD)
Concentration average	93.669 %
Concentration per Run 1	93.852 %
Concentration per Run 2	93.661 %
Concentration per Run 3	93.494 %
Recovery Percentage 1	
Concentration RSD	0.2 %

3/8/2018 7:23:45 AM

 Analysis index: 105 Analysis started at: 3/7/2018 3:00:42 PM Rack: 2
 Analysis label: L1807327-04 6020TL User name: ALPHALAB\metals-instrument Vial: 15

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	77.767 %	93.748 %	0.007 ppb	876.921 ppb	72.248 ppb	5.163 ppb	41.505 ppb	349.610 ppb	74.542 %
Concentration per Run 1	78.213 %	101.233 %	0.008 ppb	754.333 ppb	67.581 ppb	4.750 ppb	36.498 ppb	291.532 ppb	75.438 %
Concentration per Run 2	78.293 %	87.135 %	0.007 ppb	966.683 ppb	79.705 ppb	5.264 ppb	46.600 ppb	373.040 ppb	74.559 %
Concentration per Run 3	76.794 %	92.877 %	0.005 ppb	909.746 ppb	69.460 ppb	5.474 ppb	41.417 ppb	384.259 ppb	73.628 %
Concentration RSD	1.1 %	7.6 %	20.4 %	12.5 %	9.0 %	7.2 %	12.2 %	14.5 %	1.2 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	85.113 %	0.229 ppb	0.068 ppb	0.299 ppb	0.698 ppb	16.651 ppb	0.015 ppb	-0.311 ppb	0.905 ppb
Concentration per Run 1	86.734 %	0.103 ppb	0.053 ppb	0.226 ppb	0.475 ppb	8.900 ppb	0.003 ppb	-0.416 ppb	0.883 ppb
Concentration per Run 2	82.717 %	0.313 ppb	0.033 ppb	0.500 ppb	0.671 ppb	27.382 ppb	0.039 ppb	-0.215 ppb	0.854 ppb
Concentration per Run 3	85.889 %	0.270 ppb	0.119 ppb	0.170 ppb	0.948 ppb	13.672 ppb	0.003 ppb	-0.302 ppb	0.979 ppb
Concentration RSD	2.5 %	48.3 %	65.6 %	59.1 %	34.1 %	57.6 %	139.4 %	32.4 %	7.2 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	4.391 ppb	82.538 %	0.015 ppb	0.064 ppb	1.163 ppb	0.117 ppb	83.440 %	0.065 ppb	0.003 ppb
Concentration per Run 1	3.857 ppb	83.991 %	0.010 ppb	0.014 ppb	1.221 ppb	0.110 ppb	86.249 %	0.052 ppb	0.010 ppb
Concentration per Run 2	4.970 ppb	78.811 %	0.011 ppb	0.100 ppb	1.216 ppb	0.030 ppb	77.884 %	0.073 ppb	0.002 ppb
Concentration per Run 3	4.345 ppb	84.814 %	0.023 ppb	0.078 ppb	1.053 ppb	0.210 ppb	86.189 %	0.070 ppb	-0.003 ppb
Concentration RSD	12.7 %	3.9 %	51.5 %	70.0 %	8.2 %	77.2 %	5.8 %	17.9 %	228.2 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	84.228 %	2.960 ppb	0.777 ppb	1.072 ppb	88.493 %	95.867 %	0.371 ppb	0.010 ppb	0.185 ppb
Concentration per Run 1	88.296 %	2.588 ppb	0.693 ppb	1.025 ppb	90.803 %	100.384 %	0.170 ppb	0.008 ppb	0.168 ppb
Concentration per Run 2	78.358 %	3.819 ppb	0.909 ppb	1.296 ppb	83.188 %	90.970 %	0.644 ppb	0.014 ppb	0.211 ppb
Concentration per Run 3	86.030 %	2.472 ppb	0.730 ppb	0.895 ppb	91.486 %	96.247 %	0.298 ppb	0.007 ppb	0.176 ppb
Concentration RSD	6.2 %	25.2 %	14.8 %	19.1 %	5.2 %	4.9 %	66.1 %	35.2 %	12.5 %

Category	209Bi (KED AGD)
Concentration average	92.682 %
Concentration per Run 1	95.647 %
Concentration per Run 2	86.792 %
Concentration per Run 3	95.606 %
Concentration RSD	5.5 %

3/8/2018 7:23:45 AM

 Analysis index: 106 Analysis started at: 3/7/2018 3:04:34 PM Rack: 2
 Analysis label: L1807544-27 6020TL User name: ALPHALAB\metals-instrument Vial: 22

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	76.287 %	89.772 %	0.009 ppb	56.834 ppb	1.596 ppb	1.617 ppb	3.473 ppb	17.760 ppb	72.183 %
Concentration per Run 1	76.017 %	97.661 %	0.008 ppb	40.044 ppb	1.022 ppb	1.587 ppb	4.452 ppb	-1.706 ppb	72.019 %
Concentration per Run 2	77.136 %	87.837 %	0.010 ppb	58.239 ppb	1.182 ppb	0.959 ppb	-8.278 ppb	30.190 ppb	73.674 %
Concentration per Run 3	75.707 %	83.818 %	0.008 ppb	72.220 ppb	2.583 ppb	2.306 ppb	14.245 ppb	24.794 ppb	70.856 %
Concentration RSD	1.0 %	7.9 %	8.0 %	28.4 %	53.8 %	41.7 %	325.2 %	96.1 %	2.0 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	85.575 %	-0.176 ppb	0.048 ppb	0.230 ppb	0.017 ppb	7.535 ppb	0.010 ppb	-0.389 ppb	0.022 ppb
Concentration per Run 1	90.000 %	-0.172 ppb	-0.012 ppb	0.173 ppb	0.031 ppb	5.828 ppb	-0.004 ppb	-0.422 ppb	-0.003 ppb
Concentration per Run 2	84.432 %	-0.117 ppb	0.077 ppb	0.246 ppb	-0.024 ppb	9.317 ppb	0.017 ppb	-0.339 ppb	0.039 ppb
Concentration per Run 3	82.294 %	-0.241 ppb	0.080 ppb	0.271 ppb	0.044 ppb	7.459 ppb	0.018 ppb	-0.406 ppb	0.028 ppb
Concentration RSD	4.6 %	35.2 %	109.0 %	22.1 %	216.4 %	23.2 %	118.6 %	11.4 %	101.5 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.549 ppb	81.940 %	0.019 ppb	0.197 ppb	0.189 ppb	0.062 ppb	82.753 %	0.016 ppb	-0.003 ppb
Concentration per Run 1	0.272 ppb	88.976 %	0.035 ppb	0.321 ppb	0.160 ppb	0.051 ppb	87.235 %	0.012 ppb	0.005 ppb
Concentration per Run 2	0.712 ppb	79.589 %	-0.004 ppb	0.166 ppb	0.249 ppb	0.013 ppb	81.659 %	0.017 ppb	-0.008 ppb
Concentration per Run 3	0.663 ppb	77.255 %	0.026 ppb	0.104 ppb	0.158 ppb	0.123 ppb	79.364 %	0.019 ppb	-0.008 ppb
Concentration RSD	44.0 %	7.6 %	107.2 %	56.8 %	27.4 %	89.8 %	4.9 %	21.3 %	212.2 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	84.102 %	1.824 ppb	0.459 ppb	0.492 ppb	88.125 %	96.914 %	0.151 ppb	-0.001 ppb	-0.010 ppb
Concentration per Run 1	91.816 %	1.285 ppb	0.379 ppb	0.295 ppb	92.054 %	104.051 %	0.100 ppb	0.000 ppb	-0.014 ppb
Concentration per Run 2	81.535 %	1.980 ppb	0.423 ppb	0.779 ppb	86.532 %	94.408 %	0.169 ppb	-0.003 ppb	-0.009 ppb
Concentration per Run 3	78.954 %	2.208 ppb	0.575 ppb	0.400 ppb	85.789 %	92.283 %	0.184 ppb	0.001 ppb	-0.008 ppb
Concentration RSD	8.1 %	26.3 %	22.4 %	51.8 %	3.9 %	6.5 %	29.9 %	266.3 %	32.2 %

Category	209Bi (KED AGD)
Concentration average	94.469 %
Concentration per Run 1	100.416 %
Concentration per Run 2	93.259 %
Concentration per Run 3	89.733 %
Concentration RSD	5.8 %

3/8/2018 7:23:45 AM

 Analysis index: 107 Analysis started at: 3/7/2018 3:08:27 PM Rack: 2
 Analysis label: L1807540-02 6020TL User name: ALPHALAB\metals-instrument Vial: 21

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	75.286 %	91.090 %	0.006 ppb	82,503.121 ppb	44,854.758 ppb	19.685 ppb	12,606.664 ppb	36,954.572 ppb	72.839 %
Concentration per Run 1	75.252 %	94.216 %	0.006 ppb	75,922.085 ppb	40,502.272 ppb	15.039 ppb	11,425.845 ppb	32,870.834 ppb	72.583 %
Concentration per Run 2	75.563 %	90.899 %	0.003 ppb	87,270.620 ppb	47,671.331 ppb	24.857 ppb	13,611.037 ppb	40,448.658 ppb	73.955 %
Concentration per Run 3	75.044 %	88.156 %	0.008 ppb	84,316.659 ppb	46,390.673 ppb	19.160 ppb	12,783.112 ppb	37,544.224 ppb	71.979 %
Concentration RSD	0.3 %	3.3 %	44.9 %	7.1 %	8.5 %	25.0 %	8.8 %	10.3 %	1.4 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	86.226 %	50.918 ppb	0.170 ppb	0.789 ppb	3.241 ppb	10.239 ppb	0.020 ppb	1.131 ppb	0.130 ppb
Concentration per Run 1	85.278 %	45.367 ppb	0.121 ppb	0.796 ppb	3.198 ppb	7.137 ppb	0.031 ppb	1.171 ppb	0.127 ppb
Concentration per Run 2	88.684 %	56.017 ppb	0.266 ppb	0.794 ppb	3.717 ppb	12.805 ppb	0.003 ppb	1.101 ppb	0.074 ppb
Concentration per Run 3	84.714 %	51.371 ppb	0.122 ppb	0.776 ppb	2.810 ppb	10.774 ppb	0.025 ppb	1.121 ppb	0.190 ppb
Concentration RSD	2.5 %	10.5 %	49.0 %	1.4 %	14.0 %	28.0 %	75.9 %	3.2 %	44.8 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	8.068 ppb	80.598 %	0.662 ppb	0.140 ppb	307.776 ppb	0.193 ppb	79.161 %	0.026 ppb	-0.005 ppb
Concentration per Run 1	7.508 ppb	79.904 %	0.564 ppb	0.447 ppb	283.402 ppb	0.165 ppb	81.052 %	0.031 ppb	0.001 ppb
Concentration per Run 2	8.286 ppb	83.482 %	0.667 ppb	0.017 ppb	324.389 ppb	0.225 ppb	79.677 %	0.020 ppb	-0.008 ppb
Concentration per Run 3	8.411 ppb	78.407 %	0.754 ppb	-0.043 ppb	315.537 ppb	0.189 ppb	76.753 %	0.027 ppb	-0.008 ppb
Concentration RSD	6.1 %	3.2 %	14.4 %	190.2 %	7.0 %	15.8 %	2.8 %	21.4 %	114.4 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	82.378 %	1.411 ppb	0.398 ppb	89.890 ppb	87.792 %	97.743 %	0.114 ppb	0.002 ppb	0.019 ppb
Concentration per Run 1	84.463 %	1.113 ppb	0.302 ppb	80.367 ppb	88.954 %	99.592 %	0.076 ppb	0.006 ppb	0.012 ppb
Concentration per Run 2	82.660 %	1.721 ppb	0.427 ppb	94.359 ppb	88.232 %	100.826 %	0.117 ppb	0.002 ppb	0.022 ppb
Concentration per Run 3	80.011 %	1.398 ppb	0.464 ppb	94.945 ppb	86.190 %	92.811 %	0.150 ppb	-0.002 ppb	0.022 ppb
Concentration RSD	2.7 %	21.6 %	21.3 %	9.2 %	1.6 %	4.4 %	32.3 %	180.5 %	29.6 %

Category	209Bi (KED AGD)
Concentration average	88.876 %
Concentration per Run 1	90.768 %
Concentration per Run 2	88.635 %
Concentration per Run 3	87.224 %
Concentration RSD	2.0 %

3/8/2018 7:23:45 AM

 Analysis index: 108 Analysis started at: 3/7/2018 3:12:20 PM Rack: 2
 Analysis label: L1807749-01 6020TL User name: ALPHALAB\metals-instrument Vial: 23

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	75.049 %	90.878 %	1.700 ppb	314,018.223 ppb	16,006.265 ppb	2,886.389 ppb	8,871.487 ppb	102,810.709 ppb	75.623 %
Concentration per Run 1	75.202 %	89.559 %	1.622 ppb	295,275.004 ppb	14,804.090 ppb	2,708.318 ppb	8,715.735 ppb	90,661.044 ppb	75.426 %
Concentration per Run 2	74.843 %	98.235 %	1.760 ppb	320,134.286 ppb	16,577.741 ppb	3,025.454 ppb	9,861.030 ppb	106,135.964 ppb	76.109 %
Concentration per Run 3	75.102 %	84.839 %	1.719 ppb	326,645.378 ppb	16,636.963 ppb	2,925.396 ppb	8,037.696 ppb	111,635.120 ppb	75.333 %
Concentration RSD	0.2 %	7.5 %	4.2 %	5.3 %	6.5 %	5.6 %	10.4 %	10.6 %	0.6 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	85.818 %	184.796 ppb	25.601 ppb	6.454 ppb	750.625 ppb	5,471.019 ppb	7.954 ppb	15.417 ppb	29.146 ppb
Concentration per Run 1	79.241 %	158.869 ppb	24.484 ppb	6.010 ppb	701.518 ppb	5,123.874 ppb	7.574 ppb	13.595 ppb	28.652 ppb
Concentration per Run 2	91.527 %	191.863 ppb	25.421 ppb	6.547 ppb	783.227 ppb	5,579.686 ppb	7.832 ppb	15.755 ppb	28.646 ppb
Concentration per Run 3	86.687 %	203.657 ppb	26.896 ppb	6.804 ppb	767.130 ppb	5,709.496 ppb	8.455 ppb	16.901 ppb	30.139 ppb
Concentration RSD	7.2 %	12.6 %	4.7 %	6.3 %	5.8 %	5.6 %	5.7 %	10.9 %	3.0 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	163.972 ppb	78.793 %	3.371 ppb	2.459 ppb	558.093 ppb	0.581 ppb	76.392 %	0.120 ppb	0.355 ppb
Concentration per Run 1	153.169 ppb	76.462 %	3.257 ppb	2.028 ppb	500.033 ppb	0.565 ppb	75.519 %	0.091 ppb	0.291 ppb
Concentration per Run 2	168.514 ppb	81.343 %	3.566 ppb	3.230 ppb	606.021 ppb	0.621 ppb	77.678 %	0.114 ppb	0.427 ppb
Concentration per Run 3	170.233 ppb	78.572 %	3.290 ppb	2.119 ppb	568.225 ppb	0.558 ppb	75.980 %	0.154 ppb	0.349 ppb
Concentration RSD	5.7 %	3.1 %	5.0 %	27.2 %	9.6 %	5.9 %	1.5 %	26.9 %	19.3 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	78.661 %	1.885 ppb	2.133 ppb	129.248 ppb	82.276 %	93.224 %	0.198 ppb	0.060 ppb	86.695 ppb
Concentration per Run 1	77.370 %	1.434 ppb	1.817 ppb	116.041 ppb	80.738 %	90.533 %	0.192 ppb	0.053 ppb	78.913 ppb
Concentration per Run 2	80.945 %	1.879 ppb	2.202 ppb	136.647 ppb	85.081 %	98.016 %	0.168 ppb	0.063 ppb	90.104 ppb
Concentration per Run 3	77.668 %	2.343 ppb	2.380 ppb	135.056 ppb	81.009 %	91.124 %	0.233 ppb	0.063 ppb	91.068 ppb
Concentration RSD	2.5 %	24.1 %	13.5 %	8.9 %	3.0 %	4.5 %	16.7 %	9.7 %	7.8 %

Category	209Bi (KED AGD)
Concentration average	82.473 %
Concentration per Run 1	82.617 %
Concentration per Run 2	84.350 %
Concentration per Run 3	80.452 %
Concentration RSD	2.4 %

3/8/2018 7:23:45 AM

 Analysis index: 109 Analysis started at: 3/7/2018 3:16:13 PM Rack: 2
 Analysis label: WG1095247-3D10 2008TL User name: ALPHALAB\metals-instrument Vial: 24

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	79.355 %	90.793 %	5.894 ppb	7,745.436 ppb	2,923.552 ppb	279.524 ppb	1,191.944 ppb	6,173.718 ppb	69.204 %
Concentration per Run 1	80.361 %	89.496 %	5.716 ppb	7,530.313 ppb	2,907.670 ppb	275.783 ppb	1,063.181 ppb	5,602.369 ppb	71.028 %
Concentration per Run 2	79.510 %	89.432 %	6.001 ppb	8,023.761 ppb	3,028.090 ppb	279.603 ppb	1,185.948 ppb	6,302.595 ppb	68.678 %
Concentration per Run 3	78.194 %	93.451 %	5.964 ppb	7,682.235 ppb	2,834.897 ppb	283.186 ppb	1,326.702 ppb	6,616.191 ppb	67.907 %
Concentration RSD	1.4 %	2.5 %	2.6 %	3.3 %	3.3 %	1.3 %	11.1 %	8.4 %	2.3 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	73.526 %	96.787 ppb	69.505 ppb	27.502 ppb	1,075.149 ppb	221.008 ppb	61.067 ppb	59.800 ppb	28.899 ppb
Concentration per Run 1	66.440 %	87.663 ppb	69.596 ppb	28.433 ppb	1,064.183 ppb	230.753 ppb	60.232 ppb	57.731 ppb	27.990 ppb
Concentration per Run 2	68.389 %	98.492 ppb	74.933 ppb	28.470 ppb	1,121.950 ppb	242.984 ppb	63.693 ppb	63.694 ppb	30.577 ppb
Concentration per Run 3	85.748 %	104.206 ppb	63.986 ppb	25.604 ppb	1,039.314 ppb	189.287 ppb	59.274 ppb	57.975 ppb	28.131 ppb
Concentration RSD	14.5 %	8.7 %	7.9 %	6.0 %	3.9 %	12.7 %	3.8 %	5.6 %	5.0 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	61.063 ppb	84.840 %	13.671 ppb	13.672 ppb	129.506 ppb	102.860 ppb	83.905 %	5.700 ppb	5.782 ppb
Concentration per Run 1	59.967 ppb	79.395 %	13.277 ppb	12.207 ppb	121.706 ppb	99.775 ppb	80.782 %	5.536 ppb	5.634 ppb
Concentration per Run 2	62.861 ppb	83.998 %	14.229 ppb	13.468 ppb	129.580 ppb	101.891 ppb	82.547 %	5.823 ppb	5.943 ppb
Concentration per Run 3	60.361 ppb	91.128 %	13.505 ppb	15.341 ppb	137.231 ppb	106.914 ppb	88.386 %	5.740 ppb	5.768 ppb
Concentration RSD	2.6 %	7.0 %	3.6 %	11.5 %	6.0 %	3.6 %	4.7 %	2.6 %	2.7 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	85.688 %	89.280 ppb	63.497 ppb	234.908 ppb	90.682 %	97.972 %	0.066 ppb	12.621 ppb	55.168 ppb
Concentration per Run 1	81.249 %	87.682 ppb	61.136 ppb	227.366 ppb	86.859 %	92.995 %	0.037 ppb	12.456 ppb	54.265 ppb
Concentration per Run 2	84.543 %	90.689 ppb	64.037 ppb	235.989 ppb	89.036 %	95.063 %	0.048 ppb	12.923 ppb	56.494 ppb
Concentration per Run 3	91.271 %	89.471 ppb	65.317 ppb	241.369 ppb	96.152 %	105.859 %	0.114 ppb	12.484 ppb	54.746 ppb
Concentration RSD	6.0 %	1.7 %	3.4 %	3.0 %	5.4 %	7.1 %	63.2 %	2.1 %	2.1 %

Category	209Bi (KED AGD)
Concentration average	91.431 %
Concentration per Run 1	85.781 %
Concentration per Run 2	90.296 %
Concentration per Run 3	98.215 %
Concentration RSD	6.9 %

3/8/2018 7:23:45 AM

 Analysis index: 110 Analysis started at: 3/7/2018 3:20:06 PM Rack: 2
 Analysis label: WG1095247-4 2008TL User name: ALPHALAB\metals-instrument Vial: 25

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	75.759 %	92.621 %	0.012 ppb	55,809.658 ppb	14,000.370 ppb	4.427 ppb	1,500.103 ppb	47,621.985 ppb	74.915 %
Concentration per Run 1	75.739 %	93.259 %	0.015 ppb	51,797.138 ppb	12,704.718 ppb	2.257 ppb	1,351.525 ppb	41,603.659 ppb	75.961 %
Concentration per Run 2	76.000 %	90.644 %	0.008 ppb	58,113.538 ppb	14,294.179 ppb	4.367 ppb	1,550.532 ppb	49,091.955 ppb	74.483 %
Concentration per Run 3	75.538 %	93.961 %	0.013 ppb	57,518.299 ppb	15,002.212 ppb	6.657 ppb	1,598.252 ppb	52,170.340 ppb	74.302 %
Concentration RSD	0.3 %	1.9 %	32.5 %	6.2 %	8.4 %	49.7 %	8.7 %	11.4 %	1.2 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	89.522 %	66.064 ppb	0.960 ppb	1.266 ppb	8,755.320 ppb	705.028 ppb	0.530 ppb	0.968 ppb	0.417 ppb
Concentration per Run 1	86.053 %	58.306 ppb	0.808 ppb	1.101 ppb	8,067.592 ppb	693.312 ppb	0.559 ppb	1.173 ppb	0.528 ppb
Concentration per Run 2	88.895 %	68.785 ppb	0.940 ppb	1.349 ppb	8,840.915 ppb	730.785 ppb	0.503 ppb	1.084 ppb	0.393 ppb
Concentration per Run 3	93.618 %	71.100 ppb	1.131 ppb	1.347 ppb	9,357.455 ppb	690.989 ppb	0.528 ppb	0.648 ppb	0.329 ppb
Concentration RSD	4.3 %	10.3 %	16.9 %	11.3 %	7.4 %	3.2 %	5.2 %	29.0 %	24.5 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	2.219 ppb	80.710 %	1.179 ppb	0.168 ppb	203.507 ppb	2.867 ppb	81.444 %	0.051 ppb	-0.005 ppb
Concentration per Run 1	1.860 ppb	78.961 %	1.190 ppb	0.240 ppb	180.641 ppb	2.582 ppb	81.147 %	0.041 ppb	-0.008 ppb
Concentration per Run 2	2.553 ppb	78.059 %	1.338 ppb	0.317 ppb	213.022 ppb	3.150 ppb	79.715 %	0.042 ppb	0.002 ppb
Concentration per Run 3	2.243 ppb	85.111 %	1.009 ppb	-0.054 ppb	216.858 ppb	2.871 ppb	83.470 %	0.071 ppb	-0.008 ppb
Concentration RSD	15.6 %	4.8 %	14.0 %	116.8 %	9.8 %	9.9 %	2.3 %	33.6 %	117.2 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	84.964 %	10.680 ppb	2.537 ppb	110.962 ppb	90.212 %	95.617 %	0.187 ppb	0.004 ppb	0.037 ppb
Concentration per Run 1	83.704 %	9.997 ppb	2.208 ppb	99.266 ppb	89.174 %	94.266 %	0.197 ppb	0.001 ppb	0.039 ppb
Concentration per Run 2	83.293 %	11.272 ppb	2.623 ppb	115.970 ppb	89.438 %	94.622 %	0.182 ppb	0.008 ppb	0.040 ppb
Concentration per Run 3	87.894 %	10.771 ppb	2.781 ppb	117.650 ppb	92.023 %	97.962 %	0.183 ppb	0.003 ppb	0.031 ppb
Concentration RSD	3.0 %	6.0 %	11.7 %	9.2 %	1.7 %	2.1 %	4.5 %	94.9 %	14.3 %

Category	209Bi (KED AGD)
Concentration average	91.583 %
Concentration per Run 1	91.619 %
Concentration per Run 2	90.459 %
Concentration per Run 3	92.672 %
Concentration RSD	1.2 %

3/8/2018 7:23:45 AM

 Analysis index: 111 Analysis started at: 3/7/2018 3:23:59 PM Rack: 2
 Analysis label: L1807343-01 2008TL User name: ALPHALAB\metals-instrument Vial: 26

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	74.162 %	83.733 %	0.017 ppb	59,191.494 ppb	14,518.942 ppb	5.054 ppb	1,582.091 ppb	51,044.238 ppb	72.350 %
Concentration per Run 1	75.063 %	88.347 %	0.018 ppb	54,954.838 ppb	13,381.722 ppb	5.626 ppb	1,409.725 ppb	44,111.888 ppb	73.177 %
Concentration per Run 2	72.979 %	80.501 %	0.016 ppb	61,466.141 ppb	15,221.408 ppb	5.789 ppb	1,678.546 ppb	55,474.178 ppb	71.443 %
Concentration per Run 3	74.445 %	82.351 %	0.018 ppb	61,153.501 ppb	14,953.695 ppb	3.747 ppb	1,658.001 ppb	53,546.648 ppb	72.428 %
Concentration RSD	1.4 %	4.9 %	7.3 %	6.2 %	6.8 %	22.5 %	9.5 %	11.9 %	1.2 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	84.315 %	69.027 ppb	0.936 ppb	0.300 ppb	8,805.121 ppb	742.360 ppb	0.506 ppb	0.689 ppb	0.373 ppb
Concentration per Run 1	81.120 %	61.666 ppb	0.923 ppb	0.224 ppb	8,364.483 ppb	734.107 ppb	0.526 ppb	0.709 ppb	0.416 ppb
Concentration per Run 2	86.734 %	70.951 ppb	0.956 ppb	0.346 ppb	8,865.587 ppb	737.501 ppb	0.505 ppb	0.690 ppb	0.346 ppb
Concentration per Run 3	85.090 %	74.463 ppb	0.930 ppb	0.330 ppb	9,185.294 ppb	755.473 ppb	0.487 ppb	0.668 ppb	0.356 ppb
Concentration RSD	3.4 %	9.6 %	1.8 %	22.2 %	4.7 %	1.5 %	3.9 %	3.0 %	10.1 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	2.042 ppb	78.032 %	1.244 ppb	0.052 ppb	201.650 ppb	2.013 ppb	78.678 %	0.025 ppb	0.000 ppb
Concentration per Run 1	1.899 ppb	76.532 %	1.213 ppb	-0.040 ppb	186.759 ppb	1.711 ppb	77.495 %	0.016 ppb	-0.003 ppb
Concentration per Run 2	2.186 ppb	79.649 %	1.298 ppb	0.238 ppb	206.204 ppb	2.137 ppb	78.739 %	0.041 ppb	-0.003 ppb
Concentration per Run 3	2.040 ppb	77.913 %	1.221 ppb	-0.043 ppb	211.987 ppb	2.191 ppb	79.800 %	0.019 ppb	0.006 ppb
Concentration RSD	7.0 %	2.0 %	3.8 %	310.3 %	6.6 %	13.1 %	1.5 %	54.0 %	2,671.0 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	81.460 %	3.393 ppb	2.086 ppb	112.251 ppb	87.862 %	94.119 %	0.126 ppb	-0.001 ppb	0.000 ppb
Concentration per Run 1	80.709 %	2.799 ppb	2.013 ppb	105.967 ppb	87.638 %	94.375 %	0.086 ppb	-0.001 ppb	-0.003 ppb
Concentration per Run 2	82.050 %	3.359 ppb	1.997 ppb	115.369 ppb	87.867 %	93.394 %	0.141 ppb	-0.001 ppb	0.000 ppb
Concentration per Run 3	81.620 %	4.019 ppb	2.247 ppb	115.418 ppb	88.082 %	94.590 %	0.150 ppb	-0.002 ppb	0.004 ppb
Concentration RSD	0.8 %	18.0 %	6.7 %	4.8 %	0.3 %	0.7 %	27.3 %	50.1 %	819.3 %

Category	209Bi (KED AGD)
Concentration average	87.723 %
Concentration per Run 1	89.592 %
Concentration per Run 2	86.762 %
Concentration per Run 3	86.816 %
Concentration RSD	1.8 %

3/8/2018 7:23:45 AM

 Analysis index: 112 Analysis started at: 3/7/2018 3:27:52 PM Rack: 2
 Analysis label: L1807343-02 2008TL User name: ALPHALAB\metals-instrument Vial: 27

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	74.023 %	90.431 %	0.060 ppb	58,399.034 ppb	12,291.610 ppb	749.024 ppb	1,188.212 ppb	47,526.207 ppb	73.089 %
Concentration per Run 1	73.894 %	93.514 %	0.055 ppb	54,279.852 ppb	11,221.500 ppb	709.269 ppb	1,100.749 ppb	42,828.334 ppb	72.788 %
Concentration per Run 2	74.262 %	91.792 %	0.062 ppb	59,726.362 ppb	12,602.459 ppb	745.373 ppb	1,216.990 ppb	48,032.252 ppb	73.621 %
Concentration per Run 3	73.914 %	85.987 %	0.062 ppb	61,190.886 ppb	13,050.871 ppb	792.430 ppb	1,246.896 ppb	51,718.034 ppb	72.858 %
Concentration RSD	0.3 %	4.4 %	6.8 %	6.2 %	7.8 %	5.6 %	6.5 %	9.4 %	0.6 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	81.167 %	82.314 ppb	3.657 ppb	1.294 ppb	6,884.980 ppb	1,151.457 ppb	0.967 ppb	2.101 ppb	12.691 ppb
Concentration per Run 1	79.311 %	74.290 ppb	3.125 ppb	1.115 ppb	6,491.267 ppb	1,106.670 ppb	0.915 ppb	1.860 ppb	11.288 ppb
Concentration per Run 2	82.271 %	84.462 ppb	4.138 ppb	1.355 ppb	7,090.301 ppb	1,184.840 ppb	0.873 ppb	2.516 ppb	13.271 ppb
Concentration per Run 3	81.919 %	88.190 ppb	3.708 ppb	1.413 ppb	7,073.373 ppb	1,162.863 ppb	1.111 ppb	1.928 ppb	13.513 ppb
Concentration RSD	2.0 %	8.7 %	13.9 %	12.2 %	5.0 %	3.5 %	13.2 %	17.2 %	9.6 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	5.387 ppb	77.873 %	1.328 ppb	0.223 ppb	167.238 ppb	1.285 ppb	78.224 %	0.034 ppb	0.145 ppb
Concentration per Run 1	4.842 ppb	77.389 %	1.815 ppb	0.103 ppb	153.059 ppb	1.052 ppb	79.620 %	0.027 ppb	0.119 ppb
Concentration per Run 2	5.761 ppb	77.838 %	1.059 ppb	0.248 ppb	174.951 ppb	1.421 ppb	77.333 %	0.032 ppb	0.145 ppb
Concentration per Run 3	5.559 ppb	78.392 %	1.111 ppb	0.317 ppb	173.704 ppb	1.382 ppb	77.719 %	0.043 ppb	0.170 ppb
Concentration RSD	9.0 %	0.6 %	31.8 %	48.9 %	7.4 %	15.8 %	1.6 %	23.4 %	17.7 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	81.179 %	2.525 ppb	1.770 ppb	124.746 ppb	87.482 %	93.404 %	0.088 ppb	0.011 ppb	0.692 ppb
Concentration per Run 1	82.090 %	2.295 ppb	1.604 ppb	114.917 ppb	88.423 %	93.600 %	0.088 ppb	0.009 ppb	0.630 ppb
Concentration per Run 2	81.263 %	2.841 ppb	1.863 ppb	126.190 ppb	86.548 %	92.022 %	0.064 ppb	0.010 ppb	0.723 ppb
Concentration per Run 3	80.185 %	2.437 ppb	1.842 ppb	133.132 ppb	87.474 %	94.590 %	0.112 ppb	0.013 ppb	0.723 ppb
Concentration RSD	1.2 %	11.2 %	8.1 %	7.4 %	1.1 %	1.4 %	27.2 %	21.2 %	7.7 %

Category	209Bi (KED AGD)
Concentration average	87.256 %
Concentration per Run 1	87.630 %
Concentration per Run 2	86.811 %
Concentration per Run 3	87.326 %
Concentration RSD	0.5 %

3/8/2018 7:23:45 AM

 Analysis index: 113 Analysis started at: 3/7/2018 3:31:44 PM Rack: 2
 Analysis label: L1807327-01 6020TL User name: ALPHALAB\metals-instrument Vial: 12

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	74.357 %	93.111 %	0.022 ppb	156,010.790 ppb	19,936.690 ppb	54.327 ppb	10,498.793 ppb	169,211.833 ppb	75.314 %
Concentration per Run 1	75.384 %	94.344 %	0.020 ppb	143,601.129 ppb	17,987.921 ppb	49.014 ppb	9,672.648 ppb	150,769.310 ppb	75.683 %
Concentration per Run 2	74.317 %	91.984 %	0.024 ppb	163,531.887 ppb	20,788.064 ppb	59.168 ppb	10,718.066 ppb	177,933.728 ppb	74.769 %
Concentration per Run 3	73.368 %	93.004 %	0.023 ppb	160,899.354 ppb	21,034.085 ppb	54.798 ppb	11,105.665 ppb	178,932.460 ppb	75.490 %
Concentration RSD	1.4 %	1.3 %	8.2 %	6.9 %	8.5 %	9.4 %	7.1 %	9.4 %	0.6 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	89.256 %	235.652 ppb	1.739 ppb	0.757 ppb	275.413 ppb	661.761 ppb	1.035 ppb	2.279 ppb	2.844 ppb
Concentration per Run 1	87.651 %	211.008 ppb	1.771 ppb	0.731 ppb	255.395 ppb	595.156 ppb	0.884 ppb	2.295 ppb	2.271 ppb
Concentration per Run 2	89.459 %	242.473 ppb	1.765 ppb	0.656 ppb	283.219 ppb	718.100 ppb	1.047 ppb	2.180 ppb	2.927 ppb
Concentration per Run 3	90.657 %	253.474 ppb	1.681 ppb	0.883 ppb	287.625 ppb	672.027 ppb	1.172 ppb	2.360 ppb	3.335 ppb
Concentration RSD	1.7 %	9.4 %	2.9 %	15.3 %	6.3 %	9.4 %	14.0 %	4.0 %	18.9 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	19.448 ppb	80.719 %	1.319 ppb	1.000 ppb	897.091 ppb	5.181 ppb	80.858 %	0.017 ppb	0.084 ppb
Concentration per Run 1	17.444 ppb	80.828 %	1.104 ppb	0.994 ppb	796.212 ppb	4.915 ppb	83.007 %	0.016 ppb	0.045 ppb
Concentration per Run 2	20.081 ppb	80.466 %	1.473 ppb	1.006 ppb	932.582 ppb	5.282 ppb	79.740 %	0.017 ppb	0.110 ppb
Concentration per Run 3	20.818 ppb	80.862 %	1.379 ppb	1.000 ppb	962.479 ppb	5.347 ppb	79.828 %	0.018 ppb	0.096 ppb
Concentration RSD	9.1 %	0.3 %	14.5 %	0.6 %	9.9 %	4.5 %	2.3 %	6.4 %	40.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	86.871 %	1.638 ppb	1.158 ppb	87.441 ppb	92.765 %	92.643 %	0.172 ppb	0.052 ppb	4.620 ppb
Concentration per Run 1	87.759 %	1.218 ppb	1.051 ppb	76.594 ppb	94.468 %	95.421 %	0.084 ppb	0.049 ppb	4.154 ppb
Concentration per Run 2	86.283 %	1.924 ppb	1.133 ppb	91.677 ppb	90.465 %	90.702 %	0.227 ppb	0.054 ppb	4.823 ppb
Concentration per Run 3	86.572 %	1.771 ppb	1.290 ppb	94.053 ppb	93.363 %	91.806 %	0.204 ppb	0.053 ppb	4.884 ppb
Concentration RSD	0.9 %	22.7 %	10.5 %	10.8 %	2.2 %	2.7 %	44.6 %	5.5 %	8.8 %

Category	209Bi (KED AGD)
Concentration average	87.610 %
Concentration per Run 1	88.699 %
Concentration per Run 2	86.743 %
Concentration per Run 3	87.386 %
Concentration RSD	1.1 %

3/8/2018 7:23:45 AM

 Analysis index: 114 Analysis started at: 3/7/2018 3:35:38 PM Rack: 2
 Analysis label: WG1095244-6D5 6020TL User name: ALPHALAB/metals-instrument Vial: 11

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	81.124 %	94.365 %	0.008 ppb	18,550.622 ppb	9,528.713 ppb	4.547 ppb	2,541.915 ppb	7,373.953 ppb	73.235 %
Concentration per Run 1	81.230 %	98.108 %	0.010 ppb	17,045.498 ppb	8,669.540 ppb	3.675 ppb	2,280.188 ppb	6,617.674 ppb	72.973 %
Concentration per Run 2	81.674 %	89.304 %	0.007 ppb	19,956.297 ppb	10,378.631 ppb	4.769 ppb	2,784.755 ppb	7,912.391 ppb	73.162 %
Concentration per Run 3	80.468 %	95.683 %	0.008 ppb	18,650.071 ppb	9,537.968 ppb	5.197 ppb	2,560.800 ppb	7,591.795 ppb	73.569 %
Concentration RSD	0.8 %	4.8 %	18.4 %	7.9 %	9.0 %	17.3 %	9.9 %	9.1 %	0.4 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	76.579 %	9.678 ppb	0.075 ppb	0.159 ppb	1.195 ppb	4.793 ppb	0.018 ppb	-0.209 ppb	0.017 ppb
Concentration per Run 1	73.792 %	9.108 ppb	0.037 ppb	0.066 ppb	0.977 ppb	4.660 ppb	0.018 ppb	-0.335 ppb	0.036 ppb
Concentration per Run 2	76.258 %	9.979 ppb	0.084 ppb	0.296 ppb	1.377 ppb	2.444 ppb	0.018 ppb	-0.212 ppb	-0.006 ppb
Concentration per Run 3	79.687 %	9.946 ppb	0.104 ppb	0.115 ppb	1.231 ppb	7.273 ppb	0.017 ppb	-0.080 ppb	0.020 ppb
Concentration RSD	3.9 %	5.1 %	46.1 %	76.5 %	17.0 %	50.4 %	2.0 %	61.0 %	126.4 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.926 ppb	85.038 %	0.119 ppb	0.034 ppb	57.630 ppb	0.074 ppb	83.825 %	0.001 ppb	-0.006 ppb
Concentration per Run 1	0.842 ppb	86.550 %	0.158 ppb	0.140 ppb	51.945 ppb	0.040 ppb	83.624 %	-0.001 ppb	-0.008 ppb
Concentration per Run 2	1.056 ppb	83.706 %	0.080 ppb	0.015 ppb	59.504 ppb	0.113 ppb	83.985 %	0.001 ppb	-0.008 ppb
Concentration per Run 3	0.880 ppb	84.859 %	0.120 ppb	-0.054 ppb	61.442 ppb	0.069 ppb	83.865 %	0.003 ppb	-0.003 ppb
Concentration RSD	12.3 %	1.7 %	32.9 %	290.2 %	8.7 %	49.8 %	0.2 %	182.8 %	41.2 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	85.830 %	0.450 ppb	0.132 ppb	16.527 ppb	89.575 %	97.723 %	-0.093 ppb	-0.003 ppb	-0.019 ppb
Concentration per Run 1	84.753 %	0.299 ppb	0.089 ppb	15.233 ppb	88.022 %	96.484 %	-0.237 ppb	-0.003 ppb	-0.020 ppb
Concentration per Run 2	85.408 %	0.397 ppb	0.122 ppb	18.325 ppb	89.282 %	97.250 %	-0.029 ppb	-0.003 ppb	-0.023 ppb
Concentration per Run 3	87.330 %	0.656 ppb	0.186 ppb	16.024 ppb	91.421 %	99.436 %	-0.013 ppb	-0.003 ppb	-0.014 ppb
Concentration RSD	1.6 %	41.0 %	37.2 %	9.7 %	1.9 %	1.6 %	134.7 %	10.3 %	24.4 %

Category	209Bi (KED AGD)
Concentration average	92.841 %
Concentration per Run 1	92.008 %
Concentration per Run 2	93.232 %
Concentration per Run 3	93.284 %
Concentration RSD	0.8 %

3/8/2018 7:23:45 AM

 Analysis index: 115 Analysis started at: 3/7/2018 3:39:31 PM Rack: 0
 Analysis label: CCV User name: ALPHALAB\metals-instrument Vial: 9

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	81.037 %	93.791 %	106.912 ppb	9,911.772 ppb	9,988.369 ppb	101.808 ppb	9,067.707 ppb	9,305.325 ppb	90.358 %
Concentration per Run 1	82.247 %	98.235 %	106.833 ppb	9,098.980 ppb	9,070.527 ppb	92.439 ppb	7,946.976 ppb	8,044.561 ppb	91.829 %
Concentration per Run 2	80.647 %	89.942 %	107.316 ppb	10,659.743 ppb	11,057.050 ppb	112.809 ppb	9,813.019 ppb	10,118.504 ppb	89.541 %
Concentration per Run 3	80.218 %	93.196 %	106.585 ppb	9,976.595 ppb	9,837.531 ppb	100.176 ppb	9,443.127 ppb	9,752.910 ppb	89.703 %
Recovery Percentage 1			106.912 %	99.118 %	99.884 %	101.808 %	90.677 %	93.053 %	
Concentration RSD	1.3 %	4.5 %	0.3 %	7.9 %	10.0 %	10.1 %	10.9 %	11.9 %	1.4 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	100.501 %	93.185 ppb	100.854 ppb	100.366 ppb	100.378 ppb	10,125.704 ppb	100.183 ppb	96.697 ppb	98.595 ppb
Concentration per Run 1	96.437 %	79.889 ppb	96.172 ppb	95.189 ppb	94.348 ppb	9,496.041 ppb	94.461 ppb	89.790 ppb	93.139 ppb
Concentration per Run 2	98.739 %	100.830 ppb	109.530 ppb	109.113 ppb	107.893 ppb	11,137.957 ppb	108.445 ppb	106.969 ppb	106.935 ppb
Concentration per Run 3	106.328 %	98.834 ppb	96.858 ppb	96.797 ppb	98.892 ppb	9,743.115 ppb	97.643 ppb	93.332 ppb	95.711 ppb
Recovery Percentage 1		93.185 %	100.854 %	100.366 %	100.378 %	101.257 %	100.183 %	96.697 %	98.595 %
Concentration RSD	5.2 %	12.4 %	7.5 %	7.6 %	6.9 %	8.7 %	7.3 %	9.4 %	7.4 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	96.598 ppb	82.787 %	100.050 ppb	103.873 ppb	98.839 ppb	101.677 ppb	86.049 %	99.162 ppb	98.198 ppb
Concentration per Run 1	88.024 ppb	82.426 %	92.263 ppb	98.457 ppb	89.688 ppb	92.257 ppb	86.375 %	91.722 ppb	90.426 ppb
Concentration per Run 2	107.720 ppb	79.305 %	109.340 ppb	112.261 ppb	109.309 ppb	113.212 ppb	82.554 %	106.914 ppb	108.560 ppb
Concentration per Run 3	94.051 ppb	86.630 %	98.548 ppb	100.901 ppb	97.520 ppb	99.563 ppb	89.217 %	98.850 ppb	95.610 ppb
Recovery Percentage 1	96.598 %	100.050 %	103.873 %	98.839 %	98.839 %	101.677 %		99.162 %	98.198 %
Concentration RSD	10.4 %	4.4 %	8.6 %	7.1 %	10.0 %	10.5 %	3.9 %	7.7 %	9.5 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	87.408 %	90.356 ppb	95.519 ppb	102.889 ppb	91.598 %	98.304 %	94.917 ppb	96.354 ppb	94.878 ppb
Concentration per Run 1	87.999 %	83.072 ppb	86.414 ppb	94.926 ppb	91.376 %	99.293 %	84.742 ppb	90.548 ppb	87.353 ppb
Concentration per Run 2	83.909 %	97.683 ppb	103.973 ppb	111.811 ppb	88.811 %	93.841 %	104.513 ppb	104.007 ppb	104.504 ppb
Concentration per Run 3	90.317 %	90.313 ppb	96.170 ppb	101.931 ppb	94.606 %	101.780 %	95.496 ppb	94.508 ppb	92.778 ppb
Recovery Percentage 1		90.356 %	95.519 %	102.889 %			94.917 %	96.354 %	94.878 %
Concentration RSD	3.7 %	8.1 %	9.2 %	8.2 %	3.2 %	4.1 %	10.4 %	7.2 %	9.2 %

Category	209Bi (KED AGD)
Concentration average	95.290 %
Concentration per Run 1	94.563 %
Concentration per Run 2	91.228 %
Concentration per Run 3	100.078 %
Recovery Percentage 1	
Concentration RSD	4.7 %

3/8/2018 7:23:45 AM

 Analysis index: 116 Analysis started at: 3/7/2018 3:43:27 PM Rack: 0
 Analysis label: CCB User name: ALPHALAB\metals-instrument Vial: 10

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	83.217 %	95.620 %	0.012 ppb	6.442 ppb	0.083 ppb	0.244 ppb	3.341 ppb	5.054 ppb	71.854 %
Concentration per Run 1	73.367 %	99.575 %	0.013 ppb	-13.134 ppb	-0.144 ppb	0.293 ppb	-6.940 ppb	1.435 ppb	64.870 %
Concentration per Run 2	89.241 %	96.385 %	0.011 ppb	2.101 ppb	-0.738 ppb	-0.027 ppb	13.999 ppb	13.519 ppb	74.520 %
Concentration per Run 3	87.044 %	90.899 %	0.011 ppb	30.359 ppb	1.129 ppb	0.467 ppb	2.965 ppb	0.207 ppb	76.171 %
Recovery Percentage 1			2.356 %	6.442 %	0.083 %	2.442 %	3.341 %	5.054 %	
Concentration RSD	10.3 %	4.6 %	12.6 %	342.6 %	1,153.6 %	102.5 %	313.5 %	145.6 %	8.5 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	86.828 %	-0.118 ppb	0.002 ppb	0.056 ppb	0.005 ppb	25.036 ppb	0.008 ppb	-0.003 ppb	0.057 ppb
Concentration per Run 1	85.278 %	-0.205 ppb	-0.012 ppb	0.016 ppb	-0.058 ppb	26.123 ppb	0.010 ppb	-0.046 ppb	0.047 ppb
Concentration per Run 2	89.060 %	0.039 ppb	0.030 ppb	0.064 ppb	-0.027 ppb	22.966 ppb	0.003 ppb	0.063 ppb	0.033 ppb
Concentration per Run 3	86.147 %	-0.188 ppb	-0.012 ppb	0.088 ppb	0.100 ppb	26.019 ppb	0.010 ppb	-0.024 ppb	0.090 ppb
Recovery Percentage 1		-23.638 %	0.036 %	5.617 %	0.496 %	50.072 %	1.505 %	-0.136 %	5.657 %
Concentration RSD	2.3 %	115.1 %	1,368.9 %	65.3 %	1,683.8 %	7.2 %	53.1 %	2,115.4 %	52.4 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	-0.033 ppb	83.182 %	0.094 ppb	0.060 ppb	0.039 ppb	0.390 ppb	86.074 %	0.084 ppb	-0.002 ppb
Concentration per Run 1	-0.034 ppb	83.975 %	0.051 ppb	0.080 ppb	0.029 ppb	0.251 ppb	87.088 %	0.061 ppb	-0.003 ppb
Concentration per Run 2	-0.058 ppb	82.060 %	0.067 ppb	0.018 ppb	0.064 ppb	0.621 ppb	85.083 %	0.083 ppb	0.001 ppb
Concentration per Run 3	-0.007 ppb	83.511 %	0.163 ppb	0.082 ppb	0.023 ppb	0.297 ppb	86.051 %	0.108 ppb	-0.003 ppb
Recovery Percentage 1	-0.331 %	18.770 %	1.204 %	7.731 %	19.500 %			20.939 %	-0.904 %
Concentration RSD	78.0 %	1.2 %	64.5 %	60.4 %	57.0 %	51.7 %	1.2 %	28.3 %	142.7 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	87.242 %	5.183 ppb	2.318 ppb	0.456 ppb	90.206 %	96.371 %	0.943 ppb	0.022 ppb	0.008 ppb
Concentration per Run 1	88.559 %	4.936 ppb	2.178 ppb	0.421 ppb	91.121 %	98.104 %	0.838 ppb	0.023 ppb	0.011 ppb
Concentration per Run 2	86.870 %	5.477 ppb	2.343 ppb	0.442 ppb	89.605 %	94.837 %	0.912 ppb	0.026 ppb	0.007 ppb
Concentration per Run 3	86.297 %	5.137 ppb	2.431 ppb	0.506 ppb	89.892 %	96.173 %	1.080 ppb	0.017 ppb	0.006 ppb
Recovery Percentage 1		172.775 %	57.939 %	91.283 %			47.170 %	4.479 %	1.597 %
Concentration RSD	1.3 %	5.3 %	5.5 %	9.6 %	0.9 %	1.7 %	13.2 %	20.4 %	30.8 %

Category	209Bi (KED AGD)
Concentration average	96.082 %
Concentration per Run 1	96.859 %
Concentration per Run 2	96.016 %
Concentration per Run 3	95.371 %
Recovery Percentage 1	
Concentration RSD	0.8 %

3/8/2018 7:23:45 AM

 Analysis index: 117
 Analysis label: WG1094297-1D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 3:47:23 PM
 User name: ALPHALAB\metals-instrument

 Rack: 2
 Vial: 28

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	80.374 %	92.728 %	0.008 ppb	217.551 ppb	5.449 ppb	1.745 ppb	5.770 ppb	63.638 ppb	76.087 %
Concentration per Run 1	80.593 %	93.196 %	0.005 ppb	189.489 ppb	6.099 ppb	1.769 ppb	6.953 ppb	65.487 ppb	76.674 %
Concentration per Run 2	80.202 %	92.685 %	0.013 ppb	237.636 ppb	4.898 ppb	1.249 ppb	8.359 ppb	51.376 ppb	75.940 %
Concentration per Run 3	80.326 %	92.302 %	0.005 ppb	225.528 ppb	5.352 ppb	2.217 ppb	1.998 ppb	74.052 ppb	75.648 %
Concentration RSD	0.2 %	0.5 %	64.6 %	11.5 %	11.1 %	27.8 %	57.9 %	18.0 %	0.7 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	85.113 %	-0.017 ppb	0.039 ppb	0.068 ppb	0.070 ppb	9.394 ppb	0.001 ppb	-0.274 ppb	0.010 ppb
Concentration per Run 1	83.727 %	-0.101 ppb	0.033 ppb	0.132 ppb	0.105 ppb	5.052 ppb	0.010 ppb	-0.270 ppb	-0.007 ppb
Concentration per Run 2	82.882 %	-0.007 ppb	0.033 ppb	-0.017 ppb	0.009 ppb	15.118 ppb	-0.004 ppb	-0.289 ppb	0.010 ppb
Concentration per Run 3	88.731 %	0.057 ppb	0.051 ppb	0.090 ppb	0.095 ppb	8.013 ppb	-0.004 ppb	-0.262 ppb	0.029 ppb
Concentration RSD	3.7 %	471.5 %	27.5 %	112.3 %	75.5 %	55.1 %	1,006.5 %	5.1 %	173.6 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	1.596 ppb	82.364 %	0.048 ppb	-0.004 ppb	0.107 ppb	0.144 ppb	83.663 %	0.066 ppb	-0.002 ppb
Concentration per Run 1	1.540 ppb	81.790 %	0.067 ppb	0.019 ppb	0.136 ppb	0.129 ppb	84.225 %	0.065 ppb	0.001 ppb
Concentration per Run 2	1.694 ppb	79.784 %	0.025 ppb	0.024 ppb	0.099 ppb	0.189 ppb	83.791 %	0.076 ppb	-0.003 ppb
Concentration per Run 3	1.554 ppb	85.517 %	0.051 ppb	-0.054 ppb	0.086 ppb	0.114 ppb	82.974 %	0.057 ppb	-0.003 ppb
Concentration RSD	5.3 %	3.5 %	44.4 %	1,128.1 %	24.3 %	27.9 %	0.8 %	14.8 %	164.0 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	84.094 %	3.107 ppb	0.936 ppb	0.151 ppb	88.390 %	96.061 %	0.370 ppb	0.016 ppb	0.499 ppb
Concentration per Run 1	83.468 %	2.690 ppb	0.862 ppb	0.080 ppb	87.637 %	95.213 %	0.337 ppb	0.019 ppb	0.447 ppb
Concentration per Run 2	83.848 %	3.310 ppb	0.990 ppb	0.199 ppb	88.755 %	96.047 %	0.316 ppb	0.015 ppb	0.535 ppb
Concentration per Run 3	84.968 %	3.321 ppb	0.957 ppb	0.173 ppb	88.779 %	96.921 %	0.458 ppb	0.012 ppb	0.514 ppb
Concentration RSD	0.9 %	11.6 %	7.1 %	41.7 %	0.7 %	0.9 %	20.8 %	22.3 %	9.2 %

Category	209Bi (KED AGD)
Concentration average	94.243 %
Concentration per Run 1	94.576 %
Concentration per Run 2	93.547 %
Concentration per Run 3	94.605 %
Concentration RSD	0.6 %

3/8/2018 7:23:45 AM

 Analysis index: 118
 Analysis label: WG1094297-2D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 3:51:15 PM
 User name: ALPHALAB\metals-instrument

 Rack: 2
 Vial: 29

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	78.779 %	92.366 %	5.487 ppb	1,271.073 ppb	1,077.895 ppb	224.968 ppb	860.771 ppb	854.663 ppb	75.647 %
Concentration per Run 1	78.611 %	89.687 %	5.420 ppb	1,186.042 ppb	1,040.034 ppb	201.361 ppb	786.966 ppb	712.223 ppb	75.039 %
Concentration per Run 2	78.699 %	95.046 %	5.492 ppb	1,303.713 ppb	1,045.035 ppb	234.933 ppb	908.780 ppb	925.627 ppb	75.562 %
Concentration per Run 3	79.028 %	92.366 %	5.550 ppb	1,323.464 ppb	1,148.617 ppb	238.611 ppb	886.566 ppb	926.139 ppb	76.340 %
Concentration RSD	0.3 %	2.9 %	1.2 %	5.8 %	5.7 %	9.1 %	7.5 %	14.4 %	0.9 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	84.973 %	79.979 ppb	56.274 ppb	22.750 ppb	55.390 ppb	122.745 ppb	53.112 ppb	52.858 ppb	26.979 ppb
Concentration per Run 1	80.699 %	71.760 ppb	51.617 ppb	20.264 ppb	48.703 ppb	110.332 ppb	47.738 ppb	48.199 ppb	24.463 ppb
Concentration per Run 2	87.181 %	83.095 ppb	58.680 ppb	24.171 ppb	56.799 ppb	132.389 ppb	55.777 ppb	53.441 ppb	27.647 ppb
Concentration per Run 3	87.040 %	85.082 ppb	58.526 ppb	23.813 ppb	60.667 ppb	125.514 ppb	55.820 ppb	56.935 ppb	28.827 ppb
Concentration RSD	4.4 %	9.0 %	7.2 %	9.5 %	11.0 %	9.2 %	8.8 %	8.3 %	8.4 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	52.832 ppb	79.673 %	13.136 ppb	13.132 ppb	99.784 ppb	98.430 ppb	82.382 %	4.854 ppb	5.464 ppb
Concentration per Run 1	47.754 ppb	76.712 %	11.776 ppb	10.792 ppb	90.418 ppb	87.485 ppb	82.594 %	4.332 ppb	4.677 ppb
Concentration per Run 2	55.613 ppb	81.038 %	14.140 ppb	14.651 ppb	104.522 ppb	101.774 ppb	82.908 %	5.196 ppb	5.965 ppb
Concentration per Run 3	55.130 ppb	81.270 %	13.492 ppb	13.953 ppb	104.413 ppb	106.030 ppb	81.645 %	5.034 ppb	5.749 ppb
Concentration RSD	8.3 %	3.2 %	9.3 %	15.7 %	8.1 %	9.9 %	0.8 %	9.5 %	12.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	83.184 %	106.574 ppb	64.623 ppb	205.674 ppb	88.092 %	96.528 %	0.205 ppb	11.563 ppb	51.495 ppb
Concentration per Run 1	82.475 %	94.529 ppb	56.989 ppb	182.070 ppb	87.245 %	95.737 %	0.152 ppb	10.281 ppb	46.378 ppb
Concentration per Run 2	82.924 %	111.503 ppb	68.462 ppb	212.608 ppb	88.720 %	96.643 %	0.214 ppb	12.279 ppb	53.586 ppb
Concentration per Run 3	84.153 %	113.690 ppb	68.418 ppb	222.345 ppb	88.311 %	97.204 %	0.249 ppb	12.129 ppb	54.523 ppb
Concentration RSD	1.0 %	9.8 %	10.2 %	10.2 %	0.9 %	0.8 %	24.1 %	9.6 %	8.7 %

Category	209Bi (KED AGD)
Concentration average	93.767 %
Concentration per Run 1	93.898 %
Concentration per Run 2	94.105 %
Concentration per Run 3	93.299 %
Concentration RSD	0.4 %

3/8/2018 7:23:45 AM

 Analysis index: 119 Analysis started at: 3/7/2018 3:55:08 PM Rack: 2
 Analysis label: L1807327-02 6020TL User name: ALPHALAB\metals-instrument Vial: 13

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	75.160 %	87.646 %	0.023 ppb	255,667.970 ppb	22,293.885 ppb	12.289 ppb	7,576.496 ppb	97,825.072 ppb	77.720 %
Concentration per Run 1	75.161 %	84.074 %	0.021 ppb	240,674.074 ppb	21,003.300 ppb	11.099 ppb	7,135.982 ppb	89,409.714 ppb	77.870 %
Concentration per Run 2	75.391 %	92.430 %	0.023 ppb	257,438.088 ppb	22,610.355 ppb	12.168 ppb	7,476.381 ppb	99,287.882 ppb	78.374 %
Concentration per Run 3	74.927 %	86.434 %	0.026 ppb	268,891.747 ppb	23,268.000 ppb	13.599 ppb	8,117.126 ppb	104,777.620 ppb	76.915 %
Concentration RSD	0.3 %	4.9 %	9.9 %	5.6 %	5.2 %	10.2 %	6.6 %	8.0 %	1.0 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	84.746 %	137.337 ppb	1.134 ppb	0.876 ppb	9,985.570 ppb	10,024.220 ppb	1.230 ppb	1.134 ppb	1.302 ppb
Concentration per Run 1	78.350 %	128.078 ppb	0.956 ppb	0.830 ppb	9,985.570 ppb	9,346.401 ppb	1.099 ppb	0.853 ppb	1.263 ppb
Concentration per Run 2	88.050 %	137.082 ppb	1.277 ppb	0.924 ppb	10,756.830 ppb	10,350.640 ppb	1.341 ppb	1.051 ppb	1.367 ppb
Concentration per Run 3	87.838 %	146.850 ppb	1.169 ppb	0.874 ppb	10,453.571 ppb	10,375.620 ppb	1.250 ppb	1.499 ppb	1.276 ppb
Concentration RSD	6.5 %	6.8 %	14.4 %	5.4 %	3.7 %	5.9 %	9.9 %	29.2 %	4.3 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	1.909 ppb	76.452 %	12.206 ppb	0.402 ppb	556.843 ppb	5.400 ppb	75.502 %	0.042 ppb	0.024 ppb
Concentration per Run 1	1.800 ppb	74.203 %	11.026 ppb	0.268 ppb	502.581 ppb	5.003 ppb	74.806 %	0.037 ppb	0.007 ppb
Concentration per Run 2	2.218 ppb	77.479 %	13.188 ppb	0.470 ppb	582.290 ppb	5.314 ppb	75.792 %	0.057 ppb	0.057 ppb
Concentration per Run 3	1.707 ppb	77.674 %	12.405 ppb	0.468 ppb	585.658 ppb	5.881 ppb	75.908 %	0.032 ppb	0.007 ppb
Concentration RSD	14.3 %	2.6 %	9.0 %	28.8 %	8.4 %	8.2 %	0.8 %	31.0 %	120.4 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	77.538 %	6.193 ppb	0.625 ppb	88.214 ppb	81.480 %	89.509 %	0.438 ppb	0.053 ppb	2.670 ppb
Concentration per Run 1	76.349 %	5.896 ppb	0.523 ppb	79.516 ppb	79.478 %	86.652 %	0.366 ppb	0.036 ppb	2.385 ppb
Concentration per Run 2	77.679 %	6.792 ppb	0.683 ppb	93.851 ppb	81.597 %	90.638 %	0.452 ppb	0.059 ppb	2.831 ppb
Concentration per Run 3	78.585 %	5.892 ppb	0.670 ppb	91.274 ppb	83.365 %	91.236 %	0.494 ppb	0.062 ppb	2.795 ppb
Concentration RSD	1.5 %	8.4 %	14.2 %	8.7 %	2.4 %	2.8 %	14.9 %	27.1 %	9.3 %

Category	209Bi (KED AGD)
Concentration average	82.713 %
Concentration per Run 1	81.769 %
Concentration per Run 2	82.858 %
Concentration per Run 3	83.511 %
Concentration RSD	1.1 %

3/8/2018 7:23:45 AM

 Analysis index: 120 Analysis started at: 3/7/2018 3:59:00 PM Rack: 2
 Analysis label: L1807327-03 6020TL User name: ALPHALAB\metals-instrument Vial: 14

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	77.553 %	89.028 %	0.034 ppb	188,121.123 ppb	22,421.169 ppb	28.311 ppb	7,523.472 ppb	129,713.801 ppb	75.160 %
Concentration per Run 1	77.495 %	91.665 %	0.035 ppb	176,788.157 ppb	20,780.216 ppb	26.558 ppb	6,939.302 ppb	115,295.411 ppb	76.083 %
Concentration per Run 2	77.794 %	86.051 %	0.033 ppb	191,951.990 ppb	22,850.837 ppb	25.652 ppb	7,602.203 ppb	135,323.757 ppb	75.274 %
Concentration per Run 3	77.372 %	89.368 %	0.033 ppb	195,623.221 ppb	23,632.453 ppb	32.723 ppb	8,028.912 ppb	138,522.236 ppb	74.124 %
Concentration RSD	0.3 %	3.2 %	3.7 %	5.3 %	6.6 %	13.6 %	7.3 %	9.7 %	1.3 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	83.916 %	179.662 ppb	2.997 ppb	0.641 ppb	1,930.196 ppb	774.769 ppb	1.213 ppb	1.553 ppb	4.178 ppb
Concentration per Run 1	82.318 %	158.308 ppb	2.574 ppb	0.576 ppb	1,798.859 ppb	684.021 ppb	1.044 ppb	1.289 ppb	3.689 ppb
Concentration per Run 2	84.669 %	190.025 ppb	3.274 ppb	0.724 ppb	1,968.273 ppb	815.482 ppb	1.293 ppb	1.675 ppb	4.095 ppb
Concentration per Run 3	84.761 %	190.652 ppb	3.142 ppb	0.624 ppb	2,023.456 ppb	824.803 ppb	1.302 ppb	1.697 ppb	4.750 ppb
Concentration RSD	1.7 %	10.3 %	12.4 %	11.8 %	6.1 %	10.2 %	12.1 %	14.8 %	12.8 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	8.950 ppb	80.703 %	1.066 ppb	0.510 ppb	617.226 ppb	1.710 ppb	79.395 %	0.028 ppb	0.405 ppb
Concentration per Run 1	8.398 ppb	80.638 %	0.761 ppb	0.581 ppb	565.601 ppb	1.621 ppb	81.738 %	0.025 ppb	0.364 ppb
Concentration per Run 2	9.388 ppb	78.184 %	1.293 ppb	0.319 ppb	632.061 ppb	1.877 ppb	76.462 %	0.029 ppb	0.416 ppb
Concentration per Run 3	9.063 ppb	83.287 %	1.144 ppb	0.630 ppb	654.017 ppb	1.632 ppb	79.985 %	0.031 ppb	0.434 ppb
Concentration RSD	5.6 %	3.2 %	25.7 %	32.7 %	7.5 %	8.5 %	3.4 %	11.3 %	9.0 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	82.625 %	2.174 ppb	1.011 ppb	75.185 ppb	88.142 %	91.552 %	0.206 ppb	0.030 ppb	0.204 ppb
Concentration per Run 1	85.428 %	1.672 ppb	0.905 ppb	68.004 ppb	90.339 %	93.675 %	0.096 ppb	0.025 ppb	0.177 ppb
Concentration per Run 2	77.984 %	2.426 ppb	1.072 ppb	76.910 ppb	84.742 %	87.998 %	0.178 ppb	0.033 ppb	0.214 ppb
Concentration per Run 3	84.462 %	2.422 ppb	1.056 ppb	80.641 ppb	89.345 %	92.982 %	0.344 ppb	0.031 ppb	0.221 ppb
Concentration RSD	4.9 %	20.0 %	9.1 %	8.6 %	3.4 %	3.4 %	61.2 %	14.7 %	11.6 %

Category	209Bi (KED AGD)
Concentration average	85.835 %
Concentration per Run 1	88.037 %
Concentration per Run 2	82.801 %
Concentration per Run 3	86.668 %
Concentration RSD	3.2 %

3/8/2018 7:23:45 AM

 Analysis index: 121 Analysis started at: 3/7/2018 4:02:52 PM Rack: 2
 Analysis label: L1807338-01 6020TL User name: ALPHALAB\metals-instrument Vial: 16

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	75.134 %	88.815 %	0.046 ppb	458,776.581 ppb	62,410.351 ppb	162.187 ppb	3,631.273 ppb	177,092.474 ppb	75.566 %
Concentration per Run 1	75.431 %	92.813 %	0.046 ppb	420,041.267 ppb	56,373.761 ppb	146.667 ppb	3,353.116 ppb	158,851.179 ppb	75.372 %
Concentration per Run 2	74.710 %	86.242 %	0.045 ppb	491,160.272 ppb	68,307.985 ppb	183.710 ppb	3,721.882 ppb	185,801.808 ppb	75.031 %
Concentration per Run 3	75.260 %	87.391 %	0.048 ppb	465,128.205 ppb	62,549.307 ppb	156.184 ppb	3,818.820 ppb	186,624.434 ppb	76.294 %
Concentration RSD	0.5 %	4.0 %	2.8 %	7.8 %	9.6 %	11.9 %	6.8 %	8.9 %	0.9 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	83.407 %	249.520 ppb	1.846 ppb	1.076 ppb	37.455 ppb	1,921.221 ppb	6.506 ppb	6.584 ppb	8.667 ppb
Concentration per Run 1	86.053 %	223.117 ppb	1.741 ppb	1.019 ppb	21,884.005 ppb	1,709.020 ppb	6.031 ppb	5.534 ppb	8.396 ppb
Concentration per Run 2	75.837 %	258.124 ppb	2.037 ppb	1.168 ppb	26,421.413 ppb	2,204.566 ppb	7.229 ppb	7.124 ppb	9.865 ppb
Concentration per Run 3	88.332 %	267.319 ppb	1.759 ppb	1.041 ppb	23,343.495 ppb	1,850.076 ppb	6.257 ppb	7.096 ppb	7.740 ppb
Concentration RSD	8.0 %	9.3 %	9.0 %	7.5 %	9.7 %	13.3 %	9.8 %	13.8 %	12.6 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	17.178 ppb	77.245 %	0.751 ppb	0.053 ppb	434.116 ppb	5.431 ppb	76.712 %	0.028 ppb	2.825 ppb
Concentration per Run 1	15.297 ppb	78.706 %	0.691 ppb	0.028 ppb	395.730 ppb	4.779 ppb	79.305 %	0.039 ppb	2.610 ppb
Concentration per Run 2	19.251 ppb	71.988 %	0.789 ppb	-0.030 ppb	473.046 ppb	6.267 ppb	72.158 %	0.025 ppb	3.185 ppb
Concentration per Run 3	16.985 ppb	81.041 %	0.773 ppb	0.162 ppb	433.573 ppb	5.246 ppb	78.672 %	0.019 ppb	2.680 ppb
Concentration RSD	11.5 %	6.1 %	7.0 %	185.4 %	8.9 %	14.0 %	5.2 %	38.6 %	11.1 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	77.763 %	2.121 ppb	0.538 ppb	545.529 ppb	78.548 %	87.930 %	1.239 ppb	0.013 ppb	2.021 ppb
Concentration per Run 1	79.961 %	1.793 ppb	0.458 ppb	497.495 ppb	80.541 %	92.223 %	0.864 ppb	0.011 ppb	1.837 ppb
Concentration per Run 2	71.473 %	2.597 ppb	0.708 ppb	594.854 ppb	73.646 %	80.123 %	1.631 ppb	0.015 ppb	2.209 ppb
Concentration per Run 3	81.853 %	1.971 ppb	0.447 ppb	544.239 ppb	81.458 %	91.444 %	1.221 ppb	0.013 ppb	2.017 ppb
Concentration RSD	7.1 %	19.9 %	27.4 %	8.9 %	5.4 %	7.7 %	31.0 %	13.5 %	9.2 %

Category	209Bi (KED AGD)
Concentration average	80.618 %
Concentration per Run 1	83.518 %
Concentration per Run 2	74.834 %
Concentration per Run 3	83.504 %
Concentration RSD	6.2 %

3/8/2018 7:23:45 AM

 Analysis index: 122 Analysis started at: 3/7/2018 4:06:45 PM Rack: 2
 Analysis label: L1807338-02 6020TL User name: ALPHALAB\metals-instrument Vial: 17

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	76.946 %	90.070 %	0.085 ppb	90,100.883 ppb	2,999.254 ppb	1,171.647 ppb	1,916.300 ppb	13,628.529 ppb	76.871 %
Concentration per Run 1	76.896 %	94.025 %	0.082 ppb	81,685.727 ppb	2,585.703 ppb	1,062.075 ppb	1,700.385 ppb	11,893.999 ppb	77.212 %
Concentration per Run 2	77.000 %	92.621 %	0.083 ppb	91,656.622 ppb	3,162.967 ppb	1,183.292 ppb	1,967.215 ppb	13,954.006 ppb	76.226 %
Concentration per Run 3	76.943 %	83.563 %	0.091 ppb	96,960.301 ppb	3,249.091 ppb	1,269.572 ppb	2,081.302 ppb	15,037.582 ppb	77.175 %
Concentration RSD	0.1 %	6.3 %	5.6 %	8.6 %	12.0 %	8.9 %	10.2 %	11.7 %	0.7 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	84.785 %	43.436 ppb	4.013 ppb	3.409 ppb	25.545 ppb	1,484.833 ppb	0.675 ppb	1.814 ppb	9.075 ppb
Concentration per Run 1	86.969 %	38.271 ppb	3.999 ppb	3.133 ppb	24.816 ppb	1,399.546 ppb	0.586 ppb	1.874 ppb	8.550 ppb
Concentration per Run 2	85.771 %	45.227 ppb	4.059 ppb	3.583 ppb	26.709 ppb	1,543.453 ppb	0.653 ppb	1.588 ppb	9.416 ppb
Concentration per Run 3	81.615 %	46.811 ppb	3.980 ppb	3.512 ppb	25.111 ppb	1,511.500 ppb	0.786 ppb	1.980 ppb	9.260 ppb
Concentration RSD	3.3 %	10.5 %	1.0 %	7.1 %	4.0 %	5.1 %	15.1 %	11.2 %	5.1 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	15.126 ppb	77.417 %	0.828 ppb	0.446 ppb	42.787 ppb	0.944 ppb	79.082 %	0.020 ppb	0.373 ppb
Concentration per Run 1	13.576 ppb	80.248 %	0.852 ppb	0.304 ppb	38.329 ppb	0.981 ppb	81.210 %	0.015 ppb	0.374 ppb
Concentration per Run 2	15.957 ppb	76.529 %	0.725 ppb	0.399 ppb	45.428 ppb	0.852 ppb	79.794 %	0.019 ppb	0.346 ppb
Concentration per Run 3	15.845 ppb	75.475 %	0.906 ppb	0.634 ppb	44.605 ppb	0.998 ppb	76.243 %	0.025 ppb	0.399 ppb
Concentration RSD	8.9 %	3.2 %	11.2 %	38.1 %	9.1 %	8.5 %	3.2 %	23.5 %	7.1 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	78.269 %	1.387 ppb	0.837 ppb	39.974 ppb	84.207 %	93.338 %	0.160 ppb	0.013 ppb	3.681 ppb
Concentration per Run 1	80.924 %	1.259 ppb	0.696 ppb	36.593 ppb	86.311 %	95.520 %	0.170 ppb	0.006 ppb	3.327 ppb
Concentration per Run 2	78.111 %	1.412 ppb	0.857 ppb	41.932 ppb	83.997 %	93.554 %	0.146 ppb	0.016 ppb	3.823 ppb
Concentration per Run 3	75.773 %	1.489 ppb	0.958 ppb	41.396 ppb	82.312 %	90.940 %	0.166 ppb	0.016 ppb	3.892 ppb
Concentration RSD	3.3 %	8.4 %	15.8 %	7.4 %	2.4 %	2.5 %	8.2 %	44.5 %	8.4 %

Category	209Bi (KED AGD)
Concentration average	88.620 %
Concentration per Run 1	91.086 %
Concentration per Run 2	88.857 %
Concentration per Run 3	85.916 %
Concentration RSD	2.9 %

3/8/2018 7:23:45 AM

 Analysis index: 123 Analysis started at: 3/7/2018 4:10:37 PM Rack: 2
 Analysis label: L1807338-04 6020TL User name: ALPHALAB\metals-instrument Vial: 18

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	72.760 %	88.135 %	0.126 ppb	698,579.193 ppb	51,960.667 ppb	233.628 ppb	5,401.042 ppb	245,692.584 ppb	79.542 %
Concentration per Run 1	72.745 %	85.796 %	0.132 ppb	698,579.193 ppb	49,131.250 ppb	219.462 ppb	5,220.699 ppb	230,507.418 ppb	80.286 %
Concentration per Run 2	72.720 %	86.497 %	0.119 ppb	739,643.768 ppb	52,672.494 ppb	236.585 ppb	5,568.909 ppb	260,313.826 ppb	79.190 %
Concentration per Run 3	72.815 %	92.111 %	0.128 ppb	744,640.027 ppb	54,078.257 ppb	244.838 ppb	5,413.517 ppb	246,256.506 ppb	79.152 %
Concentration RSD	0.1 %	3.9 %	5.5 %	3.5 %	4.9 %	5.5 %	3.2 %	6.1 %	0.8 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	92.294 %	346.454 ppb	2.853 ppb	1.496 ppb	40,196.878 ppb	23,932.713 ppb	0.430 ppb	0.926 ppb	7.529 ppb
Concentration per Run 1	90.023 %	321.601 ppb	2.667 ppb	1.530 ppb	40,196.878 ppb	22,198.838 ppb	0.362 ppb	0.912 ppb	7.364 ppb
Concentration per Run 2	96.907 %	363.499 ppb	2.881 ppb	1.450 ppb	43,580.285 ppb	24,437.146 ppb	0.463 ppb	0.822 ppb	7.633 ppb
Concentration per Run 3	89.952 %	354.261 ppb	3.011 ppb	1.508 ppb	46,288.490 ppb	25,162.156 ppb	0.464 ppb	1.044 ppb	7.589 ppb
Concentration RSD	4.3 %	6.4 %	6.1 %	2.8 %	7.0 %	6.5 %	13.7 %	12.1 %	1.9 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	50.460 ppb	78.542 %	2.535 ppb	0.372 ppb	731.914 ppb	1.840 ppb	75.690 %	0.027 ppb	6.943 ppb
Concentration per Run 1	47.396 ppb	77.943 %	2.149 ppb	0.321 ppb	669.123 ppb	1.654 ppb	76.594 %	0.020 ppb	6.331 ppb
Concentration per Run 2	52.158 ppb	76.596 %	2.795 ppb	0.772 ppb	763.559 ppb	1.779 ppb	75.331 %	0.036 ppb	7.320 ppb
Concentration per Run 3	51.826 ppb	81.086 %	2.660 ppb	0.024 ppb	763.061 ppb	2.088 ppb	75.146 %	0.027 ppb	7.178 ppb
Concentration RSD	5.3 %	2.9 %	13.4 %	101.2 %	7.4 %	12.1 %	1.0 %	29.2 %	7.7 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	74.637 %	1.352 ppb	0.486 ppb	1,251.253 ppb	75.143 %	88.289 %	0.972 ppb	0.004 ppb	4.788 ppb
Concentration per Run 1	75.474 %	1.304 ppb	0.407 ppb	1,130.249 ppb	75.331 %	88.507 %	0.887 ppb	0.004 ppb	4.327 ppb
Concentration per Run 2	74.579 %	1.389 ppb	0.527 ppb	1,289.388 ppb	75.408 %	88.271 %	0.987 ppb	0.003 ppb	4.949 ppb
Concentration per Run 3	73.860 %	1.363 ppb	0.525 ppb	1,334.122 ppb	74.690 %	88.089 %	1.041 ppb	0.005 ppb	5.088 ppb
Concentration RSD	1.1 %	3.2 %	14.1 %	8.6 %	0.5 %	0.2 %	8.0 %	27.7 %	8.5 %

Category	209Bi (KED AGD)
Concentration average	79.534 %
Concentration per Run 1	80.357 %
Concentration per Run 2	79.518 %
Concentration per Run 3	78.728 %
Concentration RSD	1.0 %

3/8/2018 7:23:45 AM

 Analysis index: 124 Analysis started at: 3/7/2018 4:14:29 PM Rack: 2
 Analysis label: L1807338-05 6020TL User name: ALPHALAB\metals-instrument Vial: 19

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	72.554 %	94.450 %	0.071 ppb	581,128.248 ppb	46,041.371 ppb	11.770 ppb	14,835.943 ppb	424,368.470 ppb	76.369 %
Concentration per Run 1	75.756 %	99.128 %	0.080 ppb	581,128.248 ppb	41,628.329 ppb	9.417 ppb	13,807.882 ppb	386,017.973 ppb	76.004 %
Concentration per Run 2	71.083 %	93.515 %	0.069 ppb	667,258.565 ppb	47,883.203 ppb	15.655 ppb	15,213.059 ppb	429,606.988 ppb	76.477 %
Concentration per Run 3	70.823 %	90.708 %	0.063 ppb	674,795.393 ppb	48,612.582 ppb	10.237 ppb	15,486.889 ppb	457,480.449 ppb	76.627 %
Concentration RSD	3.8 %	4.5 %	12.4 %	8.1 %	8.3 %	28.8 %	6.1 %	8.5 %	0.4 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	90.141 %	576.621 ppb	0.491 ppb	0.941 ppb	5,882.977 ppb	7,079.602 ppb	0.279 ppb	1.102 ppb	0.981 ppb
Concentration per Run 1	93.829 %	523.436 ppb	0.558 ppb	0.786 ppb	5,354.550 ppb	6,389.171 ppb	0.235 ppb	0.860 ppb	0.927 ppb
Concentration per Run 2	88.191 %	585.003 ppb	0.416 ppb	1.048 ppb	6,124.109 ppb	7,300.834 ppb	0.277 ppb	1.425 ppb	0.952 ppb
Concentration per Run 3	88.402 %	621.423 ppb	0.501 ppb	0.988 ppb	6,170.271 ppb	7,548.800 ppb	0.324 ppb	1.021 ppb	1.065 ppb
Concentration RSD	3.5 %	8.6 %	14.5 %	14.6 %	7.8 %	8.6 %	16.0 %	26.4 %	7.5 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	1.814 ppb	85.303 %	0.575 ppb	0.147 ppb	1,097.253 ppb	19.592 ppb	79.909 %	0.010 ppb	0.031 ppb
Concentration per Run 1	1.518 ppb	85.697 %	0.595 ppb	0.012 ppb	1,018.366 ppb	18.269 ppb	81.843 %	0.005 ppb	0.019 ppb
Concentration per Run 2	2.219 ppb	85.233 %	0.489 ppb	0.282 ppb	1,124.697 ppb	19.865 ppb	77.852 %	0.007 ppb	0.024 ppb
Concentration per Run 3	1.704 ppb	84.978 %	0.641 ppb	0.148 ppb	1,148.695 ppb	20.641 ppb	80.031 %	0.018 ppb	0.050 ppb
Concentration RSD	20.0 %	0.4 %	13.5 %	91.8 %	6.3 %	6.2 %	2.5 %	71.4 %	54.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	88.670 %	0.952 ppb	0.497 ppb	489.363 ppb	85.003 %	87.184 %	0.532 ppb	-0.001 ppb	0.074 ppb
Concentration per Run 1	90.130 %	0.809 ppb	0.407 ppb	451.285 ppb	85.875 %	89.358 %	0.545 ppb	-0.001 ppb	0.069 ppb
Concentration per Run 2	87.272 %	0.877 ppb	0.559 ppb	507.110 ppb	83.775 %	85.247 %	0.663 ppb	-0.002 ppb	0.068 ppb
Concentration per Run 3	88.609 %	1.169 ppb	0.525 ppb	509.694 ppb	85.359 %	86.947 %	0.388 ppb	0.001 ppb	0.086 ppb
Concentration RSD	1.6 %	20.1 %	16.0 %	6.7 %	1.3 %	2.4 %	25.9 %	291.5 %	13.8 %

Category	209Bi (KED AGD)
Concentration average	82.538 %
Concentration per Run 1	85.335 %
Concentration per Run 2	80.128 %
Concentration per Run 3	82.152 %
Concentration RSD	3.2 %

3/8/2018 7:23:45 AM

 Analysis index: 125 Analysis started at: 3/7/2018 4:18:22 PM Rack: 2
 Analysis label: XL1807338-07 6020TL User name: ALPHALAB\metals-instrument Vial: 20

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	61.171 %	89.241 %	0.039 ppb	3,773,998.782 ppb	47,879.217 ppb	16.211 ppb	12,385.287 ppb	350,913.333 ppb	75.530 %
Concentration per Run 1	61.489 %	93.642 %	0.043 ppb	3,773,998.782 ppb	46,319.391 ppb	18.580 ppb	12,154.214 ppb	340,564.957 ppb	76.027 %
Concentration per Run 2	61.567 %	88.730 %	0.034 ppb	3,939,118.212 ppb	48,296.113 ppb	13.331 ppb	12,253.048 ppb	349,674.946 ppb	75.709 %
Concentration per Run 3	60.458 %	85.349 %	0.039 ppb	3,997,543.909 ppb	49,022.147 ppb	16.723 ppb	12,748.599 ppb	362,500.097 ppb	74.852 %
Concentration RSD	1.0 %	4.7 %	12.8 %	3.0 %	2.9 %	16.4 %	2.6 %	3.1 %	0.8 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	103.423 %	479.747 ppb	0.526 ppb	0.550 ppb	77,080.833 ppb	62,412.202 ppb	0.129 ppb	0.110 ppb	0.869 ppb
Concentration per Run 1	109.501 %	468.856 ppb	0.404 ppb	0.551 ppb	77,080.833 ppb	58,837.644 ppb	0.141 ppb	-0.020 ppb	0.837 ppb
Concentration per Run 2	100.854 %	475.762 ppb	0.457 ppb	0.512 ppb	81,061.439 ppb	64,110.332 ppb	0.107 ppb	0.241 ppb	1.035 ppb
Concentration per Run 3	99.914 %	494.623 ppb	0.716 ppb	0.585 ppb	81,087.297 ppb	64,288.631 ppb	0.140 ppb	0.110 ppb	0.733 ppb
Concentration RSD	5.1 %	2.8 %	31.8 %	6.6 %	2.9 %	5.0 %	15.1 %	118.1 %	17.7 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	1.856 ppb	78.412 %	0.865 ppb	0.233 ppb	1,522.657 ppb	0.667 ppb	63.813 %	0.017 ppb	-0.001 ppb
Concentration per Run 1	1.731 ppb	81.447 %	0.759 ppb	0.168 ppb	1,468.045 ppb	0.611 ppb	66.232 %	0.011 ppb	-0.001 ppb
Concentration per Run 2	2.078 ppb	76.596 %	0.991 ppb	0.417 ppb	1,556.439 ppb	0.799 ppb	62.346 %	0.024 ppb	-0.008 ppb
Concentration per Run 3	1.761 ppb	77.195 %	0.846 ppb	0.113 ppb	1,543.486 ppb	0.590 ppb	62.863 %	0.018 ppb	0.006 ppb
Concentration RSD	10.4 %	3.4 %	13.5 %	69.6 %	3.1 %	17.2 %	3.3 %	38.6 %	749.8 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	52.603 %	1.357 ppb	0.631 ppb	1,523.402 ppb	65.458 %	56.775 %	0.628 ppb	-0.002 ppb	1.752 ppb
Concentration per Run 1	56.176 %	0.957 ppb	0.533 ppb	1,481.053 ppb	68.628 %	60.431 %	0.594 ppb	-0.002 ppb	1.677 ppb
Concentration per Run 2	50.383 %	1.714 ppb	0.666 ppb	1,550.520 ppb	63.577 %	54.690 %	0.648 ppb	-0.001 ppb	1.772 ppb
Concentration per Run 3	51.250 %	1.399 ppb	0.693 ppb	1,538.634 ppb	64.170 %	55.205 %	0.642 ppb	-0.001 ppb	1.807 ppb
Concentration RSD	5.9 %	28.0 %	13.6 %	2.4 %	4.2 %	5.6 %	4.7 %	25.7 %	3.9 %

Category	209Bi (KED AGD)
Concentration average	57.984 %
Concentration per Run 1	59.909 %
Concentration per Run 2	57.413 %
Concentration per Run 3	56.631 %
Concentration RSD	3.0 %

3/8/2018 7:23:45 AM

 Analysis index: 126
 Analysis label: L1806872-01D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 4:22:14 PM
 User name: ALPHALAB/metals-instrument
 Rack: 2
 Vial: 30

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	80.763 %	96.832 %	0.003 ppb	23,020.779 ppb	16.200 ppb	3.030 ppb	1,937.069 ppb	11,187.988 ppb	79.535 %
Concentration per Run 1	80.225 %	100.085 %	0.002 ppb	21,276.909 ppb	13.546 ppb	2.898 ppb	1,720.857 ppb	9,771.404 ppb	79.261 %
Concentration per Run 2	81.191 %	97.852 %	0.007 ppb	23,612.317 ppb	13.523 ppb	2.775 ppb	2,013.703 ppb	11,840.556 ppb	80.848 %
Concentration per Run 3	80.875 %	92.558 %	0.000 ppb	24,173.111 ppb	21.531 ppb	3.418 ppb	2,076.648 ppb	11,952.004 ppb	78.497 %
Concentration RSD	0.6 %	4.0 %	111.0 %	6.7 %	28.5 %	11.3 %	9.8 %	11.0 %	1.5 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	92.952 %	14.220 ppb	14.530 ppb	2.043 ppb	2.780 ppb	62.172 ppb	0.048 ppb	1.810 ppb	45.995 ppb
Concentration per Run 1	92.584 %	12.611 ppb	12.468 ppb	1.853 ppb	4.259 ppb	50.777 ppb	0.052 ppb	1.816 ppb	40.823 ppb
Concentration per Run 2	95.521 %	15.424 ppb	15.145 ppb	2.135 ppb	2.157 ppb	68.748 ppb	0.052 ppb	1.766 ppb	48.025 ppb
Concentration per Run 3	90.751 %	14.626 ppb	15.978 ppb	2.141 ppb	1.923 ppb	66.990 ppb	0.041 ppb	1.847 ppb	49.137 ppb
Concentration RSD	2.6 %	10.2 %	12.6 %	8.1 %	46.3 %	15.9 %	13.1 %	2.2 %	9.8 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.546 ppb	92.888 %	0.910 ppb	0.318 ppb	69.695 ppb	6.467 ppb	91.161 %	0.012 ppb	0.002 ppb
Concentration per Run 1	0.348 ppb	94.860 %	0.672 ppb	0.350 ppb	64.256 ppb	6.352 ppb	92.051 %	0.010 ppb	0.005 ppb
Concentration per Run 2	0.649 ppb	92.733 %	1.127 ppb	0.544 ppb	73.744 ppb	6.343 ppb	91.445 %	0.012 ppb	0.001 ppb
Concentration per Run 3	0.641 ppb	91.071 %	0.930 ppb	0.061 ppb	71.083 ppb	6.707 ppb	89.987 %	0.013 ppb	0.001 ppb
Concentration RSD	31.4 %	2.0 %	25.1 %	76.3 %	7.0 %	3.2 %	1.2 %	12.8 %	110.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	90.728 %	0.487 ppb	0.408 ppb	1.312 ppb	92.273 %	102.048 %	0.311 ppb	-0.003 ppb	-0.015 ppb
Concentration per Run 1	91.595 %	0.333 ppb	0.382 ppb	1.529 ppb	93.528 %	104.970 %	0.246 ppb	-0.003 ppb	-0.017 ppb
Concentration per Run 2	91.263 %	0.550 ppb	0.392 ppb	1.029 ppb	91.180 %	100.525 %	0.338 ppb	-0.002 ppb	-0.015 ppb
Concentration per Run 3	89.325 %	0.578 ppb	0.449 ppb	1.378 ppb	92.112 %	100.649 %	0.350 ppb	-0.002 ppb	-0.014 ppb
Concentration RSD	1.4 %	27.6 %	8.9 %	19.6 %	1.3 %	2.5 %	18.2 %	23.7 %	10.0 %

Category	209Bi (KED AGD)
Concentration average	96.278 %
Concentration per Run 1	98.547 %
Concentration per Run 2	96.021 %
Concentration per Run 3	94.267 %
Concentration RSD	2.2 %

3/8/2018 7:23:45 AM

 Analysis index: 127 Analysis started at: 3/7/2018 4:26:07 PM Rack: 0
 Analysis label: CCV User name: ALPHALAB\metals-instrument Vial: 9

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	84.965 %	98.278 %	110.188 ppb	10,941.121 ppb	10,868.700 ppb	108.628 ppb	10,699.615 ppb	11,009.625 ppb	90.881 %
Concentration per Run 1	85.295 %	99.256 %	108.962 ppb	10,107.447 ppb	9,832.130 ppb	97.456 ppb	9,252.743 ppb	9,395.718 ppb	91.776 %
Concentration per Run 2	84.690 %	101.807 %	111.017 ppb	11,237.866 ppb	11,303.098 ppb	117.797 ppb	11,708.725 ppb	12,182.945 ppb	90.553 %
Concentration per Run 3	84.909 %	93.770 %	110.583 ppb	11,478.052 ppb	11,470.870 ppb	110.630 ppb	11,137.378 ppb	11,450.210 ppb	90.313 %
Recovery Percentage 1			110.188 %	109.411 %	108.687 %	108.628 %	106.996 %	110.096 %	
Concentration RSD	0.4 %	4.2 %	1.0 %	6.7 %	8.3 %	9.5 %	12.0 %	13.1 %	0.9 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	111.937 %	107.263 ppb	108.490 ppb	107.015 ppb	109.251 ppb	10,665.143 ppb	103.990 ppb	102.878 ppb	101.132 ppb
Concentration per Run 1	103.932 %	91.737 ppb	102.049 ppb	99.553 ppb	100.289 ppb	9,747.624 ppb	96.695 ppb	95.981 ppb	93.711 ppb
Concentration per Run 2	123.366 %	115.046 ppb	109.606 ppb	108.020 ppb	110.811 ppb	10,723.232 ppb	105.720 ppb	104.477 ppb	102.642 ppb
Concentration per Run 3	108.513 %	115.005 ppb	113.814 ppb	113.474 ppb	116.652 ppb	11,524.575 ppb	109.556 ppb	108.175 ppb	107.042 ppb
Recovery Percentage 1		107.263 %	108.490 %	107.015 %	109.251 %	106.651 %	103.990 %	102.878 %	101.132 %
Concentration RSD	9.1 %	12.5 %	5.5 %	6.6 %	7.6 %	8.3 %	6.3 %	6.1 %	6.7 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	100.095 ppb	96.334 %	103.062 ppb	108.269 ppb	103.701 ppb	102.694 ppb	95.411 %	103.888 ppb	101.868 ppb
Concentration per Run 1	91.263 ppb	95.191 %	91.763 ppb	96.354 ppb	89.776 ppb	91.738 ppb	95.471 %	96.332 ppb	92.068 ppb
Concentration per Run 2	103.753 ppb	99.688 %	108.728 ppb	115.908 ppb	114.157 ppb	109.037 ppb	97.863 %	107.357 ppb	106.785 ppb
Concentration per Run 3	105.270 ppb	94.123 %	108.696 ppb	112.544 ppb	107.169 ppb	107.308 ppb	92.898 %	107.974 ppb	106.752 ppb
Recovery Percentage 1	100.095 %		103.062 %	108.269 %	103.701 %	102.694 %		103.888 %	101.868 %
Concentration RSD	7.7 %	3.1 %	9.5 %	9.7 %	12.1 %	9.3 %	2.6 %	6.3 %	8.3 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	96.680 %	98.289 ppb	94.701 ppb	106.271 ppb	95.541 %	104.010 %	97.460 ppb	100.558 ppb	98.631 ppb
Concentration per Run 1	94.468 %	86.235 ppb	83.764 ppb	94.166 ppb	86.235 ppb	94.214 %	89.165 ppb	92.279 ppb	88.483 ppb
Concentration per Run 2	100.711 %	102.579 ppb	99.584 ppb	114.548 ppb	97.366 %	110.501 %	98.818 ppb	103.329 ppb	101.938 ppb
Concentration per Run 3	94.862 %	106.053 ppb	100.754 ppb	110.100 ppb	95.044 %	100.943 %	104.397 ppb	106.066 ppb	105.473 ppb
Recovery Percentage 1		98.289 %	94.701 %	106.271 %			97.460 %	100.558 %	98.631 %
Concentration RSD	3.6 %	10.8 %	10.0 %	10.1 %	1.7 %	5.4 %	7.9 %	7.3 %	9.1 %

Category	209Bi (KED AGD)
Concentration average	100.112 %
Concentration per Run 1	100.651 %
Concentration per Run 2	102.581 %
Concentration per Run 3	97.104 %
Recovery Percentage 1	
Concentration RSD	2.8 %

3/8/2018 7:23:45 AM

 Analysis index: 128 Analysis started at: 3/7/2018 4:30:02 PM Rack: 0
 Analysis label: CCB User name: ALPHALAB\metals-instrument Vial: 10

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	86.743 %	103.466 %	0.008 ppb	128.001 ppb	1.581 ppb	0.177 ppb	14.544 ppb	1.113 ppb	84.771 %
Concentration per Run 1	87.579 %	110.228 %	0.004 ppb	87.599 ppb	1.928 ppb	0.122 ppb	20.658 ppb	2.680 ppb	85.620 %
Concentration per Run 2	87.242 %	99.447 %	0.011 ppb	148.953 ppb	1.933 ppb	-0.176 ppb	10.159 ppb	-0.797 ppb	85.066 %
Concentration per Run 3	85.407 %	100.723 %	0.007 ppb	147.451 ppb	0.883 ppb	0.586 ppb	12.816 ppb	1.457 ppb	83.629 %
Recovery Percentage 1			1.520 %	128.001 %	1.581 %	1.774 %	14.544 %	1.113 %	
Concentration RSD	1.3 %	5.7 %	42.6 %	27.3 %	38.2 %	216.5 %	37.5 %	158.4 %	1.2 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	102.538 %	-0.116 ppb	0.000 ppb	0.018 ppb	0.077 ppb	28.143 ppb	0.008 ppb	-0.148 ppb	0.050 ppb
Concentration per Run 1	95.756 %	-0.221 ppb	0.007 ppb	0.072 ppb	-0.005 ppb	25.270 ppb	0.020 ppb	-0.188 ppb	-0.011 ppb
Concentration per Run 2	107.950 %	-0.118 ppb	0.005 ppb	0.003 ppb	0.063 ppb	29.988 ppb	-0.004 ppb	-0.199 ppb	0.085 ppb
Concentration per Run 3	103.908 %	-0.008 ppb	-0.012 ppb	-0.022 ppb	0.172 ppb	29.170 ppb	0.007 ppb	-0.057 ppb	0.077 ppb
Recovery Percentage 1		-23.164 %	-0.002 %	1.785 %	7.670 %	56.285 %	1.597 %	-7.406 %	5.014 %
Concentration RSD	6.1 %	92.3 %	13,294.3 %	270.6 %	116.7 %	9.0 %	151.7 %	53.2 %	106.7 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	-0.003 ppb	99.491 %	0.110 ppb	0.248 ppb	-0.014 ppb	0.357 ppb	98.181 %	0.065 ppb	0.000 ppb
Concentration per Run 1	-0.055 ppb	96.162 %	0.129 ppb	0.105 ppb	-0.040 ppb	0.352 ppb	99.676 %	0.064 ppb	0.000 ppb
Concentration per Run 2	0.033 ppb	101.702 %	0.111 ppb	-0.020 ppb	0.005 ppb	0.314 ppb	97.964 %	0.067 ppb	-0.004 ppb
Concentration per Run 3	0.014 ppb	100.609 %	0.089 ppb	0.658 ppb	-0.007 ppb	0.405 ppb	96.904 %	0.065 ppb	0.004 ppb
Recovery Percentage 1	-0.027 %		21.902 %	4.953 %	-2.806 %	17.842 %		16.338 %	0.035 %
Concentration RSD	1,756.7 %	2.9 %	18.4 %	145.6 %	165.8 %	12.8 %	1.4 %	1.9 %	5,660.0 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	99.764 %	3.896 ppb	2.123 ppb	0.545 ppb	97.419 %	106.700 %	0.805 ppb	0.024 ppb	0.005 ppb
Concentration per Run 1	99.420 %	3.596 ppb	1.951 ppb	0.485 ppb	98.042 %	105.823 %	0.739 ppb	0.021 ppb	0.005 ppb
Concentration per Run 2	102.806 %	3.921 ppb	2.093 ppb	0.648 ppb	98.569 %	110.060 %	0.823 ppb	0.030 ppb	0.009 ppb
Concentration per Run 3	97.064 %	4.170 ppb	2.326 ppb	0.501 ppb	95.646 %	104.217 %	0.853 ppb	0.021 ppb	0.000 ppb
Recovery Percentage 1		129.853 %	53.085 %	108.931 %			40.245 %	4.801 %	0.910 %
Concentration RSD	2.9 %	7.4 %	8.9 %	16.4 %	1.6 %	2.8 %	7.4 %	22.4 %	96.7 %

Category	209Bi (KED AGD)
Concentration average	103.250 %
Concentration per Run 1	104.090 %
Concentration per Run 2	103.716 %
Concentration per Run 3	101.942 %
Recovery Percentage 1	
Concentration RSD	1.1 %

3/8/2018 7:23:45 AM

 Analysis index: 129
 Analysis label: L1806872-02D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 4:33:58 PM
 User name: ALPHALAB/metals-instrument
 Rack: 2
 Vial: 31

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	84.410 %	100.702 %	0.002 ppb	22,738.979 ppb	16.017 ppb	22.525 ppb	2,796.476 ppb	12,539.212 ppb	83.069 %
Concentration per Run 1	85.149 %	101.361 %	0.003 ppb	21,001.550 ppb	19.387 ppb	20.914 ppb	2,450.773 ppb	10,847.188 ppb	83.062 %
Concentration per Run 2	83.936 %	99.511 %	0.003 ppb	23,094.681 ppb	12.702 ppb	22.728 ppb	2,710.020 ppb	12,521.247 ppb	82.931 %
Concentration per Run 3	84.144 %	101.233 %	0.001 ppb	24,120.708 ppb	15.963 ppb	23.934 ppb	3,228.635 ppb	14,249.200 ppb	83.213 %
Concentration RSD	0.8 %	1.0 %	51.2 %	7.0 %	20.9 %	6.7 %	14.2 %	13.6 %	0.2 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	101.426 %	17.550 ppb	8.411 ppb	4.603 ppb	0.109 ppb	20.424 ppb	0.079 ppb	2.844 ppb	43.232 ppb
Concentration per Run 1	95.709 %	15.781 ppb	7.871 ppb	4.343 ppb	0.166 ppb	21.955 ppb	0.058 ppb	2.769 ppb	40.493 ppb
Concentration per Run 2	97.494 %	16.484 ppb	8.665 ppb	4.625 ppb	0.051 ppb	15.011 ppb	0.100 ppb	2.654 ppb	42.979 ppb
Concentration per Run 3	111.076 %	20.384 ppb	8.697 ppb	4.842 ppb	0.112 ppb	24.307 ppb	0.079 ppb	3.108 ppb	46.222 ppb
Concentration RSD	8.3 %	14.1 %	5.6 %	5.4 %	52.7 %	23.7 %	26.6 %	8.3 %	6.6 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.327 ppb	95.189 %	0.459 ppb	0.288 ppb	115.053 ppb	8.756 ppb	93.668 %	0.120 ppb	0.003 ppb
Concentration per Run 1	0.272 ppb	93.182 %	0.321 ppb	0.357 ppb	101.076 ppb	7.494 ppb	93.688 %	0.111 ppb	-0.004 ppb
Concentration per Run 2	0.219 ppb	93.407 %	0.482 ppb	0.236 ppb	117.509 ppb	8.943 ppb	92.337 %	0.141 ppb	0.013 ppb
Concentration per Run 3	0.489 ppb	98.977 %	0.573 ppb	0.271 ppb	126.575 ppb	9.832 ppb	94.979 %	0.108 ppb	0.000 ppb
Concentration RSD	43.8 %	3.4 %	27.9 %	21.6 %	11.2 %	13.5 %	1.4 %	15.5 %	271.8 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	94.325 %	2.319 ppb	0.960 ppb	1.860 ppb	93.843 %	103.157 %	0.741 ppb	0.010 ppb	0.112 ppb
Concentration per Run 1	91.698 %	1.807 ppb	0.799 ppb	1.714 ppb	92.907 %	100.360 %	0.666 ppb	0.013 ppb	0.088 ppb
Concentration per Run 2	91.484 %	2.637 ppb	1.065 ppb	2.087 ppb	92.022 %	100.857 %	0.738 ppb	0.005 ppb	0.124 ppb
Concentration per Run 3	99.794 %	2.511 ppb	1.016 ppb	1.778 ppb	96.602 %	108.255 %	0.819 ppb	0.010 ppb	0.124 ppb
Concentration RSD	5.0 %	19.3 %	14.7 %	10.7 %	2.6 %	4.3 %	10.4 %	39.4 %	18.8 %

Category	209Bi (KED AGD)
Concentration average	99.169 %
Concentration per Run 1	99.686 %
Concentration per Run 2	97.716 %
Concentration per Run 3	100.104 %
Concentration RSD	1.3 %

3/8/2018 7:23:45 AM

 Analysis index: 130
 Analysis label: L1806872-03D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 4:37:51 PM
 User name: ALPHALAB/metals-instrument
 Rack: 2
 Vial: 32

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	84.123 %	98.830 %	0.004 ppb	22,126.010 ppb	9.986 ppb	57.716 ppb	3,203.457 ppb	12,396.284 ppb	83.612 %
Concentration per Run 1	84.333 %	104.295 %	0.004 ppb	19,453.800 ppb	7.430 ppb	50.549 ppb	2,644.797 ppb	10,075.516 ppb	83.895 %
Concentration per Run 2	83.759 %	94.663 %	0.002 ppb	23,737.337 ppb	13.222 ppb	59.421 ppb	3,395.580 ppb	13,449.169 ppb	82.870 %
Concentration per Run 3	84.276 %	97.533 %	0.006 ppb	23,186.894 ppb	9.307 ppb	63.180 ppb	3,569.993 ppb	13,664.168 ppb	84.071 %
Concentration RSD	0.4 %	5.0 %	61.0 %	10.5 %	29.6 %	11.2 %	15.3 %	16.2 %	0.8 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	97.909 %	17.018 ppb	6.829 ppb	8.644 ppb	0.051 ppb	12.020 ppb	0.143 ppb	5.341 ppb	63.814 ppb
Concentration per Run 1	97.987 %	14.640 ppb	5.900 ppb	7.351 ppb	-0.006 ppb	5.844 ppb	0.146 ppb	4.269 ppb	55.130 ppb
Concentration per Run 2	95.192 %	17.681 ppb	7.635 ppb	9.445 ppb	0.056 ppb	11.263 ppb	0.154 ppb	6.239 ppb	69.050 ppb
Concentration per Run 3	100.549 %	18.734 ppb	6.952 ppb	9.137 ppb	0.103 ppb	18.952 ppb	0.128 ppb	5.515 ppb	67.262 ppb
Concentration RSD	2.7 %	12.5 %	12.8 %	13.1 %	107.9 %	54.8 %	9.3 %	18.7 %	11.9 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.430 ppb	91.890 %	0.284 ppb	0.268 ppb	135.231 ppb	10.256 ppb	92.440 %	0.018 ppb	0.001 ppb
Concentration per Run 1	0.278 ppb	95.233 %	0.253 ppb	0.050 ppb	115.563 ppb	8.879 ppb	93.891 %	0.012 ppb	0.005 ppb
Concentration per Run 2	0.480 ppb	88.062 %	0.287 ppb	0.452 ppb	145.618 ppb	11.201 ppb	89.287 %	0.024 ppb	-0.003 ppb
Concentration per Run 3	0.533 ppb	92.374 %	0.311 ppb	0.300 ppb	144.511 ppb	10.689 ppb	94.142 %	0.017 ppb	0.000 ppb
Concentration RSD	31.3 %	3.9 %	10.3 %	75.8 %	12.6 %	11.9 %	3.0 %	32.2 %	727.8 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	91.846 %	1.660 ppb	0.535 ppb	4.669 ppb	92.555 %	101.703 %	0.643 ppb	0.002 ppb	-0.007 ppb
Concentration per Run 1	93.979 %	1.652 ppb	0.449 ppb	4.392 ppb	93.463 %	102.845 %	0.490 ppb	0.003 ppb	-0.013 ppb
Concentration per Run 2	88.521 %	1.814 ppb	0.515 ppb	4.733 ppb	89.900 %	98.346 %	0.698 ppb	0.003 ppb	-0.004 ppb
Concentration per Run 3	93.038 %	1.514 ppb	0.640 ppb	4.883 ppb	94.302 %	103.917 %	0.742 ppb	0.001 ppb	-0.004 ppb
Concentration RSD	3.2 %	9.1 %	18.2 %	5.4 %	2.5 %	2.9 %	20.9 %	53.2 %	73.2 %

Category	209Bi (KED AGD)
Concentration average	96.382 %
Concentration per Run 1	99.597 %
Concentration per Run 2	92.968 %
Concentration per Run 3	96.581 %
Concentration RSD	3.4 %

3/8/2018 7:23:45 AM

 Analysis index: 131
 Analysis label: L1806872-04D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 4:41:44 PM
 User name: ALPHALAB/metals-instrument
 Rack: 2
 Vial: 33

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	84.736 %	100.425 %	0.007 ppb	22,194.459 ppb	25.578 ppb	2.678 ppb	1,118.391 ppb	8,630.143 ppb	84.294 %
Concentration per Run 1	84.967 %	100.659 %	0.007 ppb	20,463.112 ppb	27.316 ppb	2.813 ppb	1,009.870 ppb	7,816.261 ppb	84.922 %
Concentration per Run 2	84.798 %	103.721 %	0.010 ppb	22,574.399 ppb	26.724 ppb	2.444 ppb	1,121.270 ppb	8,586.920 ppb	84.040 %
Concentration per Run 3	84.443 %	96.895 %	0.004 ppb	23,545.865 ppb	22.696 ppb	2.778 ppb	1,224.032 ppb	9,487.249 ppb	83.918 %
Concentration RSD	0.3 %	3.4 %	42.2 %	7.1 %	9.8 %	7.6 %	9.6 %	9.7 %	0.6 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	94.824 %	11.759 ppb	10.089 ppb	2.072 ppb	0.329 ppb	7.113 ppb	0.037 ppb	1.051 ppb	17.549 ppb
Concentration per Run 1	91.480 %	9.550 ppb	8.824 ppb	1.790 ppb	0.260 ppb	7.475 ppb	0.040 ppb	0.898 ppb	15.469 ppb
Concentration per Run 2	96.766 %	11.300 ppb	10.280 ppb	2.178 ppb	0.335 ppb	10.930 ppb	0.027 ppb	1.290 ppb	18.604 ppb
Concentration per Run 3	96.225 %	14.427 ppb	11.164 ppb	2.249 ppb	0.390 ppb	2.934 ppb	0.045 ppb	0.966 ppb	18.575 ppb
Concentration RSD	3.1 %	21.0 %	11.7 %	11.9 %	19.8 %	56.4 %	25.1 %	19.9 %	10.3 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.411 ppb	92.973 %	1.100 ppb	0.401 ppb	25.177 ppb	3.727 ppb	90.817 %	0.016 ppb	0.004 ppb
Concentration per Run 1	0.407 ppb	93.692 %	0.966 ppb	0.416 ppb	22.189 ppb	3.358 ppb	91.957 %	0.021 ppb	-0.008 ppb
Concentration per Run 2	0.415 ppb	91.595 %	1.167 ppb	0.430 ppb	27.115 ppb	3.672 ppb	89.699 %	0.012 ppb	0.005 ppb
Concentration per Run 3	0.410 ppb	93.632 %	1.166 ppb	0.357 ppb	26.227 ppb	4.152 ppb	90.797 %	0.014 ppb	0.013 ppb
Concentration RSD	1.1 %	1.3 %	10.5 %	9.7 %	10.4 %	10.7 %	1.2 %	27.6 %	290.5 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	90.066 %	0.848 ppb	0.885 ppb	1.195 ppb	92.567 %	101.327 %	0.585 ppb	0.005 ppb	0.003 ppb
Concentration per Run 1	91.822 %	0.569 ppb	0.804 ppb	0.968 ppb	93.316 %	102.473 %	0.478 ppb	0.003 ppb	0.000 ppb
Concentration per Run 2	88.075 %	0.952 ppb	0.938 ppb	1.243 ppb	89.808 %	97.956 %	0.613 ppb	0.005 ppb	0.007 ppb
Concentration per Run 3	90.300 %	1.023 ppb	0.913 ppb	1.374 ppb	94.578 %	103.552 %	0.663 ppb	0.005 ppb	0.002 ppb
Concentration RSD	2.1 %	28.8 %	8.0 %	17.3 %	2.7 %	2.9 %	16.4 %	22.8 %	138.4 %

Category	209Bi (KED AGD)
Concentration average	96.882 %
Concentration per Run 1	98.107 %
Concentration per Run 2	96.089 %
Concentration per Run 3	96.450 %
Concentration RSD	1.1 %

3/8/2018 7:23:45 AM

 Analysis index: 132
 Analysis label: L1806872-05D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 4:45:36 PM
 User name: ALPHALAB/metals-instrument
 Rack: 2
 Vial: 34

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	81.436 %	96.343 %	0.002 ppb	22,208.744 ppb	21.501 ppb	8.888 ppb	1,807.854 ppb	11,752.113 ppb	81.175 %
Concentration per Run 1	81.056 %	97.087 %	0.003 ppb	20,665.101 ppb	22.301 ppb	7.696 ppb	1,699.081 ppb	10,622.804 ppb	81.183 %
Concentration per Run 2	82.021 %	94.089 %	0.004 ppb	22,960.198 ppb	22.928 ppb	9.559 ppb	1,890.661 ppb	12,094.599 ppb	81.329 %
Concentration per Run 3	81.232 %	97.852 %	-0.002 ppb	23,000.933 ppb	19.272 ppb	9.409 ppb	1,833.822 ppb	12,538.937 ppb	81.011 %
Concentration RSD	0.6 %	2.1 %	180.0 %	6.0 %	9.1 %	11.6 %	5.4 %	8.5 %	0.2 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	95.630 %	14.753 ppb	8.581 ppb	5.382 ppb	0.093 ppb	5.945 ppb	0.188 ppb	3.891 ppb	86.033 ppb
Concentration per Run 1	94.393 %	13.218 ppb	8.291 ppb	5.087 ppb	0.085 ppb	5.604 ppb	0.173 ppb	3.866 ppb	78.741 ppb
Concentration per Run 2	97.447 %	16.847 ppb	8.193 ppb	5.373 ppb	0.080 ppb	6.600 ppb	0.223 ppb	3.571 ppb	88.176 ppb
Concentration per Run 3	95.051 %	14.195 ppb	9.260 ppb	5.685 ppb	0.114 ppb	5.632 ppb	0.168 ppb	4.236 ppb	91.184 ppb
Concentration RSD	1.7 %	12.7 %	6.9 %	5.6 %	20.1 %	9.5 %	16.2 %	8.6 %	7.5 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.422 ppb	89.429 %	0.652 ppb	0.359 ppb	41.967 ppb	4.196 ppb	89.584 %	0.026 ppb	0.002 ppb
Concentration per Run 1	0.326 ppb	89.170 %	0.727 ppb	0.192 ppb	38.305 ppb	4.203 ppb	90.579 %	0.029 ppb	-0.003 ppb
Concentration per Run 2	0.389 ppb	91.685 %	0.581 ppb	0.492 ppb	43.743 ppb	4.414 ppb	89.028 %	0.028 ppb	0.001 ppb
Concentration per Run 3	0.552 ppb	87.433 %	0.648 ppb	0.392 ppb	43.853 ppb	3.972 ppb	89.146 %	0.021 ppb	0.010 ppb
Concentration RSD	27.6 %	2.4 %	11.2 %	42.7 %	7.6 %	5.3 %	1.0 %	15.9 %	274.3 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	87.917 %	0.724 ppb	0.618 ppb	1.758 ppb	91.515 %	99.779 %	0.637 ppb	0.000 ppb	-0.013 ppb
Concentration per Run 1	88.674 %	0.449 ppb	0.520 ppb	1.508 ppb	90.983 %	100.799 %	0.639 ppb	-0.002 ppb	-0.015 ppb
Concentration per Run 2	86.449 %	0.872 ppb	0.638 ppb	2.016 ppb	91.247 %	98.688 %	0.566 ppb	0.001 ppb	-0.013 ppb
Concentration per Run 3	88.628 %	0.850 ppb	0.696 ppb	1.750 ppb	92.314 %	99.851 %	0.708 ppb	0.001 ppb	-0.012 ppb
Concentration RSD	1.4 %	32.9 %	14.5 %	14.5 %	0.8 %	1.1 %	11.2 %	1,538.8 %	13.5 %

Category	209Bi (KED AGD)
Concentration average	94.792 %
Concentration per Run 1	96.821 %
Concentration per Run 2	91.905 %
Concentration per Run 3	95.651 %
Concentration RSD	2.7 %

3/8/2018 7:23:45 AM

 Analysis index: 133
 Analysis label: L1806872-06D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 4:49:30 PM
 User name: ALPHALAB/metals-instrument
 Rack: 2
 Vial: 35

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	82.377 %	96.087 %	0.004 ppb	21,500.504 ppb	13.569 ppb	10.488 ppb	1,733.145 ppb	11,215.605 ppb	81.239 %
Concentration per Run 1	82.106 %	97.852 %	0.004 ppb	19,796.941 ppb	14.868 ppb	9.748 ppb	1,568.413 ppb	10,104.892 ppb	80.880 %
Concentration per Run 2	82.616 %	92.877 %	0.002 ppb	22,787.471 ppb	16.964 ppb	12.259 ppb	1,833.419 ppb	11,791.127 ppb	80.962 %
Concentration per Run 3	82.408 %	97.533 %	0.004 ppb	21,917.099 ppb	8.873 ppb	9.458 ppb	1,797.604 ppb	11,750.797 ppb	81.874 %
Concentration RSD	0.3 %	2.9 %	44.8 %	7.2 %	30.9 %	14.7 %	8.3 %	8.6 %	0.7 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	94.964 %	14.140 ppb	8.881 ppb	5.318 ppb	0.056 ppb	4.994 ppb	0.196 ppb	4.333 ppb	82.363 ppb
Concentration per Run 1	92.772 %	13.463 ppb	8.837 ppb	4.870 ppb	0.058 ppb	6.360 ppb	0.137 ppb	4.256 ppb	74.641 ppb
Concentration per Run 2	94.346 %	15.068 ppb	8.907 ppb	5.303 ppb	0.086 ppb	5.024 ppb	0.257 ppb	4.205 ppb	85.978 ppb
Concentration per Run 3	97.776 %	13.890 ppb	8.899 ppb	5.781 ppb	0.024 ppb	3.598 ppb	0.195 ppb	4.540 ppb	86.471 ppb
Concentration RSD	2.7 %	5.9 %	0.4 %	8.6 %	55.3 %	27.7 %	30.6 %	4.2 %	8.1 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.362 ppb	88.317 %	0.611 ppb	0.535 ppb	41.127 ppb	3.912 ppb	89.074 %	0.026 ppb	-0.003 ppb
Concentration per Run 1	0.288 ppb	88.077 %	0.604 ppb	0.645 ppb	36.713 ppb	3.915 ppb	88.499 %	0.028 ppb	-0.003 ppb
Concentration per Run 2	0.369 ppb	87.688 %	0.660 ppb	0.327 ppb	43.719 ppb	3.847 ppb	88.184 %	0.037 ppb	-0.008 ppb
Concentration per Run 3	0.430 ppb	89.185 %	0.570 ppb	0.633 ppb	42.948 ppb	3.973 ppb	90.540 %	0.012 ppb	0.001 ppb
Concentration RSD	19.8 %	0.9 %	7.4 %	33.7 %	9.3 %	1.6 %	1.4 %	48.8 %	127.7 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	87.426 %	0.643 ppb	0.677 ppb	1.492 ppb	90.656 %	100.577 %	0.527 ppb	0.002 ppb	-0.013 ppb
Concentration per Run 1	89.076 %	0.355 ppb	0.551 ppb	1.320 ppb	90.890 %	102.303 %	0.500 ppb	0.001 ppb	-0.022 ppb
Concentration per Run 2	85.584 %	0.829 ppb	0.757 ppb	1.619 ppb	89.536 %	99.162 %	0.531 ppb	0.002 ppb	0.002 ppb
Concentration per Run 3	87.619 %	0.745 ppb	0.724 ppb	1.535 ppb	91.542 %	100.265 %	0.550 ppb	0.002 ppb	-0.018 ppb
Concentration RSD	2.0 %	39.4 %	16.3 %	10.3 %	1.1 %	1.6 %	4.8 %	28.4 %	104.0 %

Category	209Bi (KED AGD)
Concentration average	95.070 %
Concentration per Run 1	96.885 %
Concentration per Run 2	93.095 %
Concentration per Run 3	95.231 %
Concentration RSD	2.0 %

3/8/2018 7:23:45 AM

 Analysis index: 134
 Analysis label: L1806872-07D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 4:53:23 PM
 User name: ALPHALAB/metals-instrument

 Rack: 2
 Vial: 36

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	81.771 %	96.832 %	0.003 ppb	17,519.638 ppb	23.817 ppb	2.047 ppb	1,372.872 ppb	7,813.648 ppb	81.005 %
Concentration per Run 1	81.635 %	96.768 %	0.003 ppb	16,383.402 ppb	20.795 ppb	1.555 ppb	1,297.050 ppb	7,209.714 ppb	81.534 %
Concentration per Run 2	82.084 %	95.046 %	0.004 ppb	18,318.039 ppb	22.167 ppb	1.882 ppb	1,448.420 ppb	8,076.271 ppb	81.071 %
Concentration per Run 3	81.594 %	98.682 %	0.002 ppb	17,857.473 ppb	28.488 ppb	2.704 ppb	1,373.146 ppb	8,154.960 ppb	80.410 %
Concentration RSD	0.3 %	1.9 %	35.0 %	5.8 %	17.2 %	28.9 %	5.5 %	6.7 %	0.7 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	92.999 %	10.635 ppb	19.968 ppb	1.144 ppb	0.088 ppb	6.836 ppb	0.028 ppb	0.460 ppb	15.873 ppb
Concentration per Run 1	92.631 %	9.417 ppb	19.124 ppb	1.069 ppb	0.030 ppb	8.376 ppb	0.042 ppb	0.429 ppb	14.537 ppb
Concentration per Run 2	92.772 %	11.522 ppb	20.423 ppb	1.194 ppb	0.029 ppb	3.814 ppb	0.022 ppb	0.527 ppb	16.386 ppb
Concentration per Run 3	93.594 %	10.968 ppb	20.357 ppb	1.170 ppb	0.206 ppb	8.318 ppb	0.022 ppb	0.425 ppb	16.697 ppb
Concentration RSD	0.6 %	10.3 %	3.7 %	5.8 %	115.9 %	38.3 %	39.9 %	12.6 %	7.4 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.989 ppb	86.624 %	1.286 ppb	0.333 ppb	45.510 ppb	6.563 ppb	87.901 %	0.023 ppb	-0.003 ppb
Concentration per Run 1	0.859 ppb	86.131 %	1.157 ppb	0.269 ppb	41.952 ppb	5.968 ppb	89.206 %	0.020 ppb	-0.003 ppb
Concentration per Run 2	1.049 ppb	87.729 %	1.310 ppb	0.327 ppb	46.472 ppb	6.624 ppb	87.742 %	0.011 ppb	-0.003 ppb
Concentration per Run 3	1.058 ppb	86.011 %	1.390 ppb	0.402 ppb	48.107 ppb	7.097 ppb	86.756 %	0.037 ppb	-0.003 ppb
Concentration RSD	11.4 %	1.1 %	9.2 %	20.1 %	7.0 %	8.6 %	1.4 %	57.0 %	1.1 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	86.849 %	0.439 ppb	0.617 ppb	1.372 ppb	90.576 %	99.032 %	2.628 ppb	-0.002 ppb	0.014 ppb
Concentration per Run 1	87.151 %	0.250 ppb	0.505 ppb	1.263 ppb	91.227 %	100.001 %	2.445 ppb	-0.004 ppb	0.013 ppb
Concentration per Run 2	85.716 %	0.507 ppb	0.673 ppb	1.478 ppb	89.311 %	97.725 %	2.592 ppb	-0.002 ppb	0.013 ppb
Concentration per Run 3	87.680 %	0.560 ppb	0.674 ppb	1.375 ppb	91.189 %	99.370 %	2.848 ppb	-0.001 ppb	0.016 ppb
Concentration RSD	1.2 %	37.7 %	15.8 %	7.8 %	1.2 %	1.2 %	7.8 %	70.8 %	15.5 %

Category	209Bi (KED AGD)
Concentration average	95.896 %
Concentration per Run 1	95.872 %
Concentration per Run 2	95.503 %
Concentration per Run 3	96.313 %
Concentration RSD	0.4 %

3/8/2018 7:23:45 AM

 Analysis index: 135
 Analysis label: L1806872-08D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 4:57:17 PM
 User name: ALPHALAB/metals-instrument

 Rack: 2
 Vial: 37

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	82.191 %	97.491 %	0.004 ppb	17,370.104 ppb	24.519 ppb	24.298 ppb	1,929.831 ppb	9,909.424 ppb	80.612 %
Concentration per Run 1	84.518 %	100.532 %	0.006 ppb	16,005.273 ppb	22.602 ppb	22.745 ppb	1,762.399 ppb	8,747.267 ppb	82.719 %
Concentration per Run 2	81.145 %	95.109 %	0.001 ppb	18,036.870 ppb	24.984 ppb	24.888 ppb	2,015.736 ppb	10,339.681 ppb	79.884 %
Concentration per Run 3	80.909 %	96.832 %	0.005 ppb	18,068.169 ppb	25.971 ppb	25.261 ppb	2,011.358 ppb	10,641.323 ppb	79.232 %
Concentration RSD	2.5 %	2.8 %	63.7 %	6.8 %	7.1 %	5.6 %	7.5 %	10.3 %	2.3 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	93.163 %	14.052 ppb	19.554 ppb	2.920 ppb	0.107 ppb	4.255 ppb	0.078 ppb	1.541 ppb	27.738 ppb
Concentration per Run 1	92.819 %	12.923 ppb	19.289 ppb	2.784 ppb	0.000 ppb	0.648 ppb	0.061 ppb	1.006 ppb	25.743 ppb
Concentration per Run 2	93.641 %	14.766 ppb	19.197 ppb	3.082 ppb	0.119 ppb	6.454 ppb	0.081 ppb	1.969 ppb	29.511 ppb
Concentration per Run 3	93.030 %	14.467 ppb	20.177 ppb	2.894 ppb	0.204 ppb	5.661 ppb	0.092 ppb	1.648 ppb	27.959 ppb
Concentration RSD	0.5 %	7.0 %	2.8 %	5.1 %	95.1 %	74.0 %	19.6 %	31.8 %	6.8 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.320 ppb	86.246 %	0.515 ppb	0.137 ppb	84.973 ppb	8.662 ppb	87.110 %	0.006 ppb	-0.003 ppb
Concentration per Run 1	0.343 ppb	84.918 %	0.503 ppb	0.143 ppb	76.924 ppb	7.868 ppb	88.578 %	0.004 ppb	0.005 ppb
Concentration per Run 2	0.422 ppb	84.365 %	0.382 ppb	0.013 ppb	89.566 ppb	8.956 ppb	85.812 %	0.003 ppb	-0.008 ppb
Concentration per Run 3	0.196 ppb	89.454 %	0.661 ppb	0.256 ppb	88.428 ppb	9.161 ppb	86.939 %	0.010 ppb	-0.008 ppb
Concentration RSD	35.8 %	3.2 %	27.1 %	88.4 %	8.2 %	8.0 %	1.6 %	61.4 %	227.1 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	86.497 %	0.431 ppb	0.493 ppb	2.375 ppb	89.464 %	98.210 %	1.396 ppb	-0.003 ppb	-0.018 ppb
Concentration per Run 1	87.144 %	0.270 ppb	0.421 ppb	2.287 ppb	89.536 %	98.151 %	-0.237 ppb	-0.004 ppb	-0.019 ppb
Concentration per Run 2	86.854 %	0.570 ppb	0.553 ppb	2.630 ppb	88.879 %	98.051 %	2.313 ppb	-0.001 ppb	-0.017 ppb
Concentration per Run 3	85.492 %	0.452 ppb	0.505 ppb	2.208 ppb	89.976 %	98.427 %	2.112 ppb	-0.003 ppb	-0.017 ppb
Concentration RSD	1.0 %	35.2 %	13.5 %	9.5 %	0.6 %	0.2 %	101.5 %	70.2 %	8.9 %

Category	209Bi (KED AGD)
Concentration average	95.044 %
Concentration per Run 1	96.245 %
Concentration per Run 2	94.585 %
Concentration per Run 3	94.303 %
Concentration RSD	1.1 %

3/8/2018 7:23:45 AM

 Analysis index: 136
 Analysis label: L1806872-09D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 5:01:10 PM
 User name: ALPHALAB/metals-instrument
 Rack: 2
 Vial: 38

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	82.818 %	95.875 %	0.005 ppb	17,367.205 ppb	13.177 ppb	78.319 ppb	2,178.378 ppb	10,667.588 ppb	83.170 %
Concentration per Run 1	83.894 %	96.449 %	0.005 ppb	16,075.037 ppb	9.808 ppb	69.874 ppb	2,035.124 ppb	9,460.948 ppb	84.230 %
Concentration per Run 2	83.082 %	96.385 %	0.007 ppb	17,280.234 ppb	13.655 ppb	79.653 ppb	2,206.000 ppb	11,039.890 ppb	83.427 %
Concentration per Run 3	81.477 %	94.790 %	0.004 ppb	18,746.342 ppb	16.067 ppb	85.429 ppb	2,294.009 ppb	11,501.926 ppb	81.853 %
Concentration RSD	1.5 %	1.0 %	30.7 %	7.7 %	24.0 %	10.0 %	6.0 %	10.0 %	1.5 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	91.879 %	14.514 ppb	7.754 ppb	5.821 ppb	0.012 ppb	4.164 ppb	0.156 ppb	3.121 ppb	35.699 ppb
Concentration per Run 1	91.621 %	13.427 ppb	6.993 ppb	5.140 ppb	0.062 ppb	4.625 ppb	0.162 ppb	2.519 ppb	32.078 ppb
Concentration per Run 2	95.309 %	14.149 ppb	7.634 ppb	5.784 ppb	-0.031 ppb	3.755 ppb	0.162 ppb	3.162 ppb	34.584 ppb
Concentration per Run 3	88.708 %	15.965 ppb	8.633 ppb	6.539 ppb	0.004 ppb	4.114 ppb	0.145 ppb	3.682 ppb	40.437 ppb
Concentration RSD	3.6 %	9.0 %	10.7 %	12.0 %	407.8 %	10.5 %	6.2 %	18.7 %	12.0 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.345 ppb	84.244 %	0.272 ppb	0.282 ppb	101.564 ppb	9.500 ppb	85.422 %	0.006 ppb	-0.005 ppb
Concentration per Run 1	0.407 ppb	83.661 %	0.232 ppb	0.081 ppb	89.964 ppb	8.625 ppb	87.654 %	0.010 ppb	-0.008 ppb
Concentration per Run 2	0.292 ppb	86.430 %	0.333 ppb	0.270 ppb	104.048 ppb	10.021 ppb	85.646 %	0.005 ppb	0.001 ppb
Concentration per Run 3	0.336 ppb	82.640 %	0.250 ppb	0.495 ppb	110.680 ppb	9.852 ppb	82.967 %	0.002 ppb	-0.008 ppb
Concentration RSD	16.9 %	2.3 %	19.8 %	73.5 %	10.4 %	8.0 %	2.8 %	69.8 %	109.9 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	84.711 %	0.479 ppb	0.464 ppb	2.337 ppb	88.867 %	98.334 %	0.833 ppb	-0.003 ppb	-0.018 ppb
Concentration per Run 1	86.022 %	0.240 ppb	0.364 ppb	2.245 ppb	90.243 %	100.763 %	0.502 ppb	-0.002 ppb	-0.022 ppb
Concentration per Run 2	85.200 %	0.494 ppb	0.498 ppb	2.375 ppb	88.431 %	97.566 %	0.605 ppb	-0.002 ppb	-0.019 ppb
Concentration per Run 3	82.910 %	0.703 ppb	0.529 ppb	2.391 ppb	87.925 %	96.672 %	1.393 ppb	-0.003 ppb	-0.015 ppb
Concentration RSD	1.9 %	48.4 %	18.8 %	3.4 %	1.4 %	2.2 %	58.5 %	6.2 %	19.0 %

Category	209Bi (KED AGD)
Concentration average	94.561 %
Concentration per Run 1	95.489 %
Concentration per Run 2	93.827 %
Concentration per Run 3	94.369 %
Concentration RSD	0.9 %

3/8/2018 7:23:45 AM

 Analysis index: 137
 Analysis label: L1806872-10D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 5:05:02 PM
 User name: ALPHALAB/metals-instrument
 Rack: 2
 Vial: 39

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	80.882 %	94.025 %	0.003 ppb	17,416.959 ppb	27.289 ppb	1.755 ppb	938.380 ppb	6,842.476 ppb	79.545 %
Concentration per Run 1	80.898 %	92.685 %	0.004 ppb	16,354.147 ppb	25.075 ppb	1.924 ppb	858.866 ppb	6,060.258 ppb	79.188 %
Concentration per Run 2	81.253 %	91.154 %	0.001 ppb	18,287.614 ppb	30.208 ppb	1.985 ppb	1,033.332 ppb	7,424.563 ppb	80.066 %
Concentration per Run 3	80.496 %	98.235 %	0.003 ppb	17,609.117 ppb	26.583 ppb	1.357 ppb	922.942 ppb	7,042.608 ppb	79.380 %
Concentration RSD	0.5 %	4.0 %	54.7 %	5.6 %	9.7 %	19.7 %	9.4 %	10.3 %	0.6 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	87.925 %	8.590 ppb	23.489 ppb	1.780 ppb	0.259 ppb	3.268 ppb	0.042 ppb	0.168 ppb	8.678 ppb
Concentration per Run 1	81.851 %	7.593 ppb	21.850 ppb	1.785 ppb	0.111 ppb	4.553 ppb	0.047 ppb	0.178 ppb	7.796 ppb
Concentration per Run 2	90.775 %	9.957 ppb	24.162 ppb	1.848 ppb	0.457 ppb	2.002 ppb	0.042 ppb	0.070 ppb	9.174 ppb
Concentration per Run 3	91.151 %	8.221 ppb	24.456 ppb	1.708 ppb	0.210 ppb	3.249 ppb	0.035 ppb	0.258 ppb	9.066 ppb
Concentration RSD	6.0 %	14.3 %	6.1 %	4.0 %	68.7 %	39.0 %	14.1 %	56.0 %	8.8 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.426 ppb	83.243 %	1.603 ppb	0.194 ppb	19.804 ppb	4.252 ppb	85.451 %	0.007 ppb	0.001 ppb
Concentration per Run 1	0.467 ppb	78.260 %	1.613 ppb	0.169 ppb	18.100 ppb	3.717 ppb	84.732 %	0.001 ppb	-0.003 ppb
Concentration per Run 2	0.368 ppb	84.604 %	1.496 ppb	0.146 ppb	21.146 ppb	4.406 ppb	85.464 %	0.006 ppb	0.006 ppb
Concentration per Run 3	0.443 ppb	86.864 %	1.699 ppb	0.268 ppb	20.168 ppb	4.632 ppb	86.158 %	0.014 ppb	0.001 ppb
Concentration RSD	12.1 %	5.4 %	6.4 %	33.3 %	7.9 %	11.2 %	0.8 %	97.1 %	340.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	84.398 %	0.263 ppb	1.093 ppb	0.735 ppb	88.456 %	96.301 %	0.438 ppb	-0.003 ppb	-0.003 ppb
Concentration per Run 1	83.529 %	0.241 ppb	0.964 ppb	0.615 ppb	87.267 %	94.205 %	0.370 ppb	-0.004 ppb	-0.005 ppb
Concentration per Run 2	84.602 %	0.319 ppb	1.144 ppb	0.849 ppb	87.901 %	95.728 %	0.463 ppb	-0.004 ppb	-0.002 ppb
Concentration per Run 3	85.063 %	0.228 ppb	1.172 ppb	0.741 ppb	90.201 %	98.970 %	0.482 ppb	-0.002 ppb	-0.001 ppb
Concentration RSD	0.9 %	18.6 %	10.3 %	16.0 %	1.7 %	2.5 %	13.7 %	24.6 %	84.7 %

Category	209Bi (KED AGD)
Concentration average	93.615 %
Concentration per Run 1	94.863 %
Concentration per Run 2	92.789 %
Concentration per Run 3	93.193 %
Concentration RSD	1.2 %

3/8/2018 7:23:45 AM

 Analysis index: 138
 Analysis label: L1806872-11D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 5:08:55 PM
 User name: ALPHALAB/metals-instrument
 Rack: 2
 Vial: 40

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	81.022 %	95.960 %	0.008 ppb	16,802.788 ppb	22.516 ppb	2.598 ppb	1,061.702 ppb	7,270.560 ppb	78.837 %
Concentration per Run 1	81.030 %	94.089 %	0.013 ppb	15,649.484 ppb	21.322 ppb	2.157 ppb	949.830 ppb	6,284.515 ppb	79.144 %
Concentration per Run 2	81.511 %	99.001 %	0.005 ppb	16,884.305 ppb	23.041 ppb	3.167 ppb	1,101.846 ppb	7,424.691 ppb	78.451 %
Concentration per Run 3	80.526 %	94.790 %	0.007 ppb	17,874.575 ppb	23.184 ppb	2.469 ppb	1,133.431 ppb	8,102.474 ppb	78.918 %
Concentration RSD	0.6 %	2.8 %	48.8 %	6.6 %	4.6 %	19.9 %	9.2 %	12.6 %	0.4 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	86.712 %	9.133 ppb	14.642 ppb	2.237 ppb	3.026 ppb	1.432 ppb	0.128 ppb	0.989 ppb	25.794 ppb
Concentration per Run 1	79.994 %	7.383 ppb	13.379 ppb	2.210 ppb	2.792 ppb	0.256 ppb	0.114 ppb	1.125 ppb	24.179 ppb
Concentration per Run 2	90.729 %	10.063 ppb	15.096 ppb	2.370 ppb	2.802 ppb	4.000 ppb	0.109 ppb	0.945 ppb	26.595 ppb
Concentration per Run 3	89.412 %	9.953 ppb	15.451 ppb	2.130 ppb	3.485 ppb	0.041 ppb	0.162 ppb	0.897 ppb	26.607 ppb
Concentration RSD	6.8 %	16.6 %	7.6 %	5.5 %	13.1 %	155.5 %	22.9 %	12.1 %	5.4 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	18.466 ppb	82.380 %	1.072 ppb	0.564 ppb	23.833 ppb	4.287 ppb	84.589 %	0.026 ppb	0.006 ppb
Concentration per Run 1	17.186 ppb	77.991 %	1.009 ppb	0.529 ppb	20.533 ppb	3.421 ppb	83.375 %	0.029 ppb	-0.003 ppb
Concentration per Run 2	19.428 ppb	83.781 %	1.038 ppb	0.954 ppb	25.535 ppb	4.642 ppb	85.286 %	0.031 ppb	0.010 ppb
Concentration per Run 3	18.783 ppb	85.368 %	1.169 ppb	0.210 ppb	25.430 ppb	4.797 ppb	85.106 %	0.019 ppb	0.010 ppb
Concentration RSD	6.2 %	4.7 %	8.0 %	66.2 %	12.0 %	17.6 %	1.2 %	25.4 %	131.7 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	83.628 %	0.320 ppb	0.754 ppb	2.233 ppb	88.660 %	97.288 %	0.252 ppb	-0.002 ppb	0.020 ppb
Concentration per Run 1	82.840 %	0.129 ppb	0.642 ppb	1.705 ppb	88.470 %	95.251 %	0.503 ppb	-0.004 ppb	0.010 ppb
Concentration per Run 2	83.892 %	0.546 ppb	0.853 ppb	2.898 ppb	88.541 %	99.661 %	0.490 ppb	-0.003 ppb	0.026 ppb
Concentration per Run 3	84.150 %	0.284 ppb	0.766 ppb	2.095 ppb	88.970 %	96.950 %	-0.237 ppb	-0.001 ppb	0.023 ppb
Concentration RSD	0.8 %	65.9 %	14.0 %	27.3 %	0.3 %	2.3 %	168.0 %	64.2 %	44.8 %

Category	209Bi (KED AGD)
Concentration average	92.336 %
Concentration per Run 1	92.572 %
Concentration per Run 2	91.825 %
Concentration per Run 3	92.612 %
Concentration RSD	0.5 %

3/8/2018 7:23:45 AM

 Analysis index: 139 Analysis started at: 3/7/2018 5:12:48 PM Rack: 0
 Analysis label: CCV User name: ALPHALAB\metals-instrument Vial: 9

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	83.001 %	94.790 %	108.141 ppb	9,996.919 ppb	9,839.499 ppb	97.466 ppb	9,161.780 ppb	9,255.877 ppb	93.177 %
Concentration per Run 1	82.815 %	99.638 %	107.625 ppb	9,049.839 ppb	8,720.772 ppb	84.752 ppb	8,103.228 ppb	8,124.278 ppb	94.190 %
Concentration per Run 2	82.929 %	91.154 %	107.884 ppb	10,474.568 ppb	10,271.662 ppb	106.524 ppb	9,326.816 ppb	9,487.368 ppb	93.536 %
Concentration per Run 3	83.257 %	93.578 %	108.913 ppb	10,466.350 ppb	10,526.065 ppb	101.121 ppb	10,055.298 ppb	10,155.986 ppb	91.805 %
Recovery Percentage 1			108.141 %	99.969 %	98.395 %	97.466 %	91.618 %	92.559 %	
Concentration RSD	0.3 %	4.6 %	0.6 %	8.2 %	9.9 %	11.6 %	10.8 %	11.2 %	1.3 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	102.053 %	89.738 ppb	99.339 ppb	100.705 ppb	100.463 ppb	10,070.575 ppb	99.467 ppb	99.542 ppb	99.639 ppb
Concentration per Run 1	100.266 %	78.327 ppb	93.247 ppb	90.215 ppb	92.215 ppb	9,091.682 ppb	89.455 ppb	88.133 ppb	88.241 ppb
Concentration per Run 2	97.121 %	90.559 ppb	102.304 ppb	105.662 ppb	103.615 ppb	10,576.895 ppb	104.475 ppb	106.389 ppb	104.349 ppb
Concentration per Run 3	108.772 %	100.327 ppb	102.467 ppb	106.238 ppb	105.559 ppb	10,543.148 ppb	104.471 ppb	104.103 ppb	106.327 ppb
Recovery Percentage 1		89.738 %	99.339 %	100.705 %	100.463 %	100.706 %	99.467 %	99.542 %	99.639 %
Concentration RSD	5.9 %	12.3 %	5.3 %	9.0 %	7.2 %	8.4 %	8.7 %	10.0 %	10.0 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	98.093 ppb	82.055 %	99.351 ppb	104.590 ppb	99.745 ppb	101.769 ppb	86.262 %	101.400 ppb	98.359 ppb
Concentration per Run 1	86.751 ppb	85.436 %	89.204 ppb	91.839 ppb	85.645 ppb	87.101 ppb	89.509 %	88.988 ppb	86.605 ppb
Concentration per Run 2	103.774 ppb	77.510 %	104.602 ppb	107.403 ppb	105.156 ppb	107.581 ppb	83.417 %	105.993 ppb	103.192 ppb
Concentration per Run 3	103.755 ppb	83.218 %	104.246 ppb	114.528 ppb	108.434 ppb	110.625 ppb	85.861 %	109.219 ppb	105.281 ppb
Recovery Percentage 1	98.093 %		99.351 %	104.590 %	99.745 %	101.769 %		101.400 %	98.359 %
Concentration RSD	10.0 %	5.0 %	8.8 %	11.1 %	12.4 %	12.6 %	3.6 %	10.7 %	10.4 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	87.516 %	86.264 ppb	92.346 ppb	100.504 ppb	90.956 %	98.376 %	95.110 ppb	96.182 ppb	94.275 ppb
Concentration per Run 1	90.224 %	71.481 ppb	78.965 ppb	87.046 ppb	91.909 %	102.131 %	81.428 ppb	87.888 ppb	83.665 ppb
Concentration per Run 2	85.721 %	89.159 ppb	93.163 ppb	105.460 ppb	88.800 %	94.153 %	99.890 ppb	97.817 ppb	97.459 ppb
Concentration per Run 3	86.604 %	98.153 ppb	104.911 ppb	109.006 ppb	92.159 %	98.844 %	104.013 ppb	102.841 ppb	101.701 ppb
Recovery Percentage 1		86.264 %	92.346 %	100.504 %			95.110 %	96.182 %	94.275 %
Concentration RSD	2.7 %	15.7 %	14.1 %	11.7 %	2.1 %	4.1 %	12.6 %	7.9 %	10.0 %

Category	209Bi (KED AGD)
Concentration average	96.458 %
Concentration per Run 1	96.976 %
Concentration per Run 2	96.470 %
Concentration per Run 3	95.927 %
Recovery Percentage 1	
Concentration RSD	0.5 %

3/8/2018 7:23:45 AM

 Analysis index: 140 Analysis started at: 3/7/2018 5:16:44 PM Rack: 0
 Analysis label: CCB User name: ALPHALAB\metals-instrument Vial: 10

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	85.911 %	98.490 %	0.008 ppb	32.120 ppb	1.040 ppb	0.491 ppb	-4.320 ppb	-2.363 ppb	79.137 %
Concentration per Run 1	85.703 %	103.721 %	0.007 ppb	8.233 ppb	0.958 ppb	0.408 ppb	-7.022 ppb	-5.602 ppb	78.520 %
Concentration per Run 2	85.324 %	92.940 %	0.005 ppb	53.774 ppb	1.150 ppb	0.607 ppb	-4.070 ppb	-5.228 ppb	78.752 %
Concentration per Run 3	86.707 %	98.809 %	0.012 ppb	34.354 ppb	1.012 ppb	0.458 ppb	-1.867 ppb	3.740 ppb	80.140 %
Recovery Percentage 1			1.640 %	32.120 %	1.040 %	4.909 %	-4.320 %	-2.363 %	
Concentration RSD	0.8 %	5.5 %	47.2 %	71.1 %	9.5 %	21.1 %	59.9 %	223.8 %	1.1 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	87.377 %	-0.140 ppb	-0.005 ppb	0.067 ppb	0.105 ppb	22.809 ppb	0.014 ppb	-0.057 ppb	0.088 ppb
Concentration per Run 1	90.564 %	-0.212 ppb	0.009 ppb	0.192 ppb	0.093 ppb	19.833 ppb	0.036 ppb	-0.173 ppb	0.029 ppb
Concentration per Run 2	81.708 %	0.023 ppb	-0.012 ppb	0.003 ppb	0.010 ppb	22.423 ppb	-0.004 ppb	0.026 ppb	0.070 ppb
Concentration per Run 3	89.859 %	-0.232 ppb	-0.012 ppb	0.005 ppb	0.213 ppb	26.172 ppb	0.009 ppb	-0.024 ppb	0.163 ppb
Recovery Percentage 1		-28.064 %	-0.109 %	6.651 %	10.546 %	45.618 %	2.757 %	-2.859 %	8.764 %
Concentration RSD	5.6 %	101.2 %	222.3 %	163.5 %	96.7 %	14.0 %	147.3 %	181.3 %	78.2 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.039 ppb	83.702 %	0.075 ppb	0.078 ppb	0.038 ppb	0.421 ppb	87.159 %	0.062 ppb	0.000 ppb
Concentration per Run 1	0.069 ppb	84.140 %	0.065 ppb	0.145 ppb	0.012 ppb	0.354 ppb	90.457 %	0.069 ppb	0.001 ppb
Concentration per Run 2	0.000 ppb	79.861 %	0.069 ppb	-0.046 ppb	0.060 ppb	0.383 ppb	83.369 %	0.049 ppb	-0.003 ppb
Concentration per Run 3	0.048 ppb	87.104 %	0.090 ppb	0.136 ppb	0.042 ppb	0.527 ppb	87.653 %	0.070 ppb	0.001 ppb
Recovery Percentage 1	0.390 %	14.901 %	1.565 %	7.551 %	21.071 %		15.604 %	-0.223 %	
Concentration RSD	91.6 %	4.4 %	17.7 %	138.2 %	63.8 %	22.0 %	4.1 %	19.0 %	509.2 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	87.225 %	4.606 ppb	2.234 ppb	0.549 ppb	88.627 %	96.426 %	0.977 ppb	0.021 ppb	0.008 ppb
Concentration per Run 1	90.434 %	3.983 ppb	1.930 ppb	0.578 ppb	3.983 ppb	90.449 %	99.751 %	0.818 ppb	0.004 ppb
Concentration per Run 2	82.652 %	4.892 ppb	2.369 ppb	0.556 ppb	84.298 %	90.295 %	1.003 ppb	0.025 ppb	0.014 ppb
Concentration per Run 3	88.588 %	4.943 ppb	2.401 ppb	0.513 ppb	91.133 %	99.232 %	1.111 ppb	0.015 ppb	0.004 ppb
Recovery Percentage 1		153.537 %	55.840 %	109.799 %			48.874 %	4.162 %	1.512 %
Concentration RSD	4.7 %	11.7 %	11.8 %	6.0 %	4.2 %	5.5 %	15.2 %	24.1 %	74.1 %

Category	209Bi (KED AGD)
Concentration average	94.803 %
Concentration per Run 1	97.558 %
Concentration per Run 2	91.160 %
Concentration per Run 3	95.690 %
Recovery Percentage 1	
Concentration RSD	3.5 %

3/8/2018 7:23:45 AM

 Analysis index: 141
 Analysis label: WG1093817-1D2 A2-6020T

 Analysis started at: 3/7/2018 5:20:40 PM
 User name: ALPHALAB\metals-instrument
 Rack: 2
 Vial: 42

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	74.033 %	83.053 %	0.002 ppb	113.968 ppb	-0.088 ppb	1.094 ppb	0.035 ppb	-1.764 ppb	72.147 %
Concentration per Run 1	74.073 %	83.691 %	0.003 ppb	85.980 ppb	-0.092 ppb	0.630 ppb	3.516 ppb	-1.866 ppb	72.994 %
Concentration per Run 2	74.440 %	84.073 %	0.002 ppb	138.622 ppb	0.567 ppb	1.781 ppb	8.850 ppb	-2.248 ppb	72.413 %
Concentration per Run 3	73.587 %	81.394 %	0.001 ppb	117.303 ppb	-0.738 ppb	0.870 ppb	-12.261 ppb	-1.177 ppb	71.033 %
Concentration RSD	0.6 %	1.7 %	40.0 %	23.2 %	743.7 %	55.5 %	31,347.4 %	30.8 %	1.4 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	84.542 %	-0.147 ppb	0.048 ppb	0.125 ppb	0.054 ppb	20.800 ppb	0.003 ppb	-0.381 ppb	0.092 ppb
Concentration per Run 1	87.768 %	-0.206 ppb	0.076 ppb	0.026 ppb	0.008 ppb	21.324 ppb	0.003 ppb	-0.384 ppb	0.075 ppb
Concentration per Run 2	85.301 %	-0.173 ppb	0.010 ppb	0.223 ppb	0.106 ppb	22.843 ppb	0.010 ppb	-0.433 ppb	0.072 ppb
Concentration per Run 3	80.557 %	-0.061 ppb	0.059 ppb	0.127 ppb	0.048 ppb	18.232 ppb	-0.004 ppb	-0.325 ppb	0.130 ppb
Concentration RSD	4.3 %	52.0 %	70.9 %	78.7 %	91.7 %	11.3 %	218.5 %	14.2 %	35.5 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.581 ppb	75.025 %	0.068 ppb	0.135 ppb	0.074 ppb	0.125 ppb	79.000 %	0.089 ppb	0.002 ppb
Concentration per Run 1	0.557 ppb	74.485 %	0.074 ppb	0.189 ppb	0.078 ppb	0.046 ppb	78.740 %	0.111 ppb	0.007 ppb
Concentration per Run 2	0.512 ppb	77.105 %	0.071 ppb	0.176 ppb	0.114 ppb	0.150 ppb	81.681 %	0.081 ppb	-0.003 ppb
Concentration per Run 3	0.674 ppb	73.484 %	0.059 ppb	0.042 ppb	0.029 ppb	0.178 ppb	76.580 %	0.074 ppb	0.003 ppb
Concentration RSD	14.4 %	2.5 %	11.5 %	59.9 %	57.6 %	55.5 %	3.2 %	22.2 %	222.8 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	76.777 %	4.403 ppb	1.456 ppb	-0.025 ppb	82.719 %	91.036 %	0.885 ppb	0.010 ppb	0.005 ppb
Concentration per Run 1	78.592 %	4.034 ppb	1.241 ppb	0.010 ppb	82.947 %	91.520 %	0.733 ppb	0.015 ppb	0.005 ppb
Concentration per Run 2	78.433 %	4.438 ppb	1.487 ppb	-0.042 ppb	84.256 %	93.186 %	0.892 ppb	0.007 ppb	0.004 ppb
Concentration per Run 3	73.305 %	4.736 ppb	1.641 ppb	-0.042 ppb	80.954 %	88.402 %	1.031 ppb	0.008 ppb	0.006 ppb
Concentration RSD	3.9 %	8.0 %	13.9 %	120.1 %	2.0 %	2.7 %	16.8 %	48.2 %	28.1 %

Category	209Bi (KED AGD)
Concentration average	90.128 %
Concentration per Run 1	90.078 %
Concentration per Run 2	92.175 %
Concentration per Run 3	88.130 %
Concentration RSD	2.2 %

3/8/2018 7:23:45 AM

 Analysis index: 142
 Analysis label: WG1093817-2D10 A2-6020T

 Analysis started at: 3/7/2018 5:24:33 PM
 User name: ALPHALAB\metals-instrument
 Rack: 2
 Vial: 43

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	78.989 %	90.793 %	49.820 ppb	551.959 ppb	1,734.917 ppb	4,761.832 ppb	1,223.019 ppb	3,508.334 ppb	79.670 %
Concentration per Run 1	78.997 %	94.535 %	49.502 ppb	502.645 ppb	1,551.493 ppb	4,347.895 ppb	1,063.855 ppb	3,029.788 ppb	79.933 %
Concentration per Run 2	79.116 %	88.922 %	50.052 ppb	590.141 ppb	1,824.327 ppb	5,011.712 ppb	1,358.763 ppb	3,875.644 ppb	79.724 %
Concentration per Run 3	78.854 %	88.922 %	49.905 ppb	563.091 ppb	1,828.932 ppb	4,925.890 ppb	1,246.441 ppb	3,619.571 ppb	79.354 %
Concentration RSD	0.2 %	3.6 %	0.6 %	8.1 %	9.2 %	7.6 %	12.2 %	12.4 %	0.4 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	86.195 %	204.342 ppb	80.929 ppb	87.897 ppb	314.846 ppb	12,024.028 ppb	59.194 ppb	73.529 ppb	90.143 ppb
Concentration per Run 1	82.858 %	172.931 ppb	74.893 ppb	81.473 ppb	285.530 ppb	10,975.391 ppb	54.414 ppb	67.519 ppb	81.663 ppb
Concentration per Run 2	89.412 %	224.220 ppb	84.689 ppb	90.324 ppb	330.798 ppb	12,760.885 ppb	60.961 ppb	76.706 ppb	94.634 ppb
Concentration per Run 3	86.313 %	215.875 ppb	83.203 ppb	91.893 ppb	328.210 ppb	12,335.807 ppb	62.205 ppb	76.362 ppb	94.131 ppb
Concentration RSD	3.8 %	13.5 %	6.5 %	6.4 %	8.1 %	7.8 %	7.1 %	7.1 %	8.2 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	197.792 ppb	80.284 %	137.257 ppb	103.388 ppb	40.978 ppb	25.765 ppb	82.855 %	72.051 ppb	106.545 ppb
Concentration per Run 1	177.810 ppb	82.291 %	119.621 ppb	87.203 ppb	36.783 ppb	22.483 ppb	86.588 %	64.406 ppb	91.554 ppb
Concentration per Run 2	210.689 ppb	79.552 %	147.983 ppb	113.783 ppb	43.740 ppb	27.597 ppb	83.685 %	75.125 ppb	113.545 ppb
Concentration per Run 3	204.878 ppb	79.008 %	144.168 ppb	109.177 ppb	42.410 ppb	27.214 ppb	78.293 %	76.622 ppb	114.537 ppb
Concentration RSD	8.9 %	2.2 %	11.2 %	13.7 %	9.0 %	11.1 %	5.1 %	9.2 %	12.2 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	81.447 %	109.594 ppb	133.845 ppb	164.514 ppb	87.459 %	94.761 %	0.344 ppb	108.502 ppb	152.729 ppb
Concentration per Run 1	85.812 %	90.141 ppb	115.517 ppb	142.232 ppb	91.862 %	100.229 %	0.242 ppb	96.725 ppb	134.753 ppb
Concentration per Run 2	82.525 %	116.357 ppb	142.336 ppb	175.463 ppb	87.196 %	94.655 %	0.368 ppb	113.968 ppb	159.403 ppb
Concentration per Run 3	76.004 %	122.284 ppb	143.682 ppb	175.848 ppb	83.318 %	89.400 %	0.423 ppb	114.813 ppb	164.031 ppb
Concentration RSD	6.1 %	15.6 %	11.9 %	11.7 %	4.9 %	5.7 %	27.0 %	9.4 %	10.3 %

Category	209Bi (KED AGD)
Concentration average	91.440 %
Concentration per Run 1	94.731 %
Concentration per Run 2	93.068 %
Concentration per Run 3	86.522 %
Concentration RSD	4.7 %

3/8/2018 7:23:45 AM

 Analysis index: 143
 Analysis label: WG1093817-3D10 A2-6020T

 Analysis started at: 3/7/2018 5:28:26 PM
 User name: ALPHALAB\metals-instrument
 Rack: 2
 Vial: 44

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	78.391 %	94.280 %	11.479 ppb	16,483.821 ppb	8,196.625 ppb	10,098.043 ppb	4,437.862 ppb	9,671.717 ppb	80.507 %
Concentration per Run 1	78.185 %	94.408 %	11.342 ppb	15,469.336 ppb	7,549.843 ppb	9,344.790 ppb	4,097.185 ppb	8,825.961 ppb	80.309 %
Concentration per Run 2	77.972 %	91.984 %	11.540 ppb	17,373.960 ppb	8,590.936 ppb	10,613.055 ppb	4,649.664 ppb	10,276.417 ppb	79.704 %
Concentration per Run 3	79.016 %	96.449 %	11.556 ppb	16,608.167 ppb	8,449.095 ppb	10,336.284 ppb	4,566.737 ppb	9,912.774 ppb	81.509 %
Concentration RSD	0.7 %	2.4 %	1.0 %	5.8 %	6.9 %	6.6 %	6.7 %	7.8 %	1.1 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	91.260 %	484.940 ppb	146.243 ppb	84.621 ppb	291.623 ppb	19,753.009 ppb	106.445 ppb	114.743 ppb	87.627 ppb
Concentration per Run 1	89.647 %	434.648 ppb	135.320 ppb	77.558 ppb	263.533 ppb	18,043.689 ppb	96.125 ppb	108.054 ppb	79.802 ppb
Concentration per Run 2	91.386 %	514.964 ppb	152.959 ppb	89.022 ppb	304.508 ppb	20,527.003 ppb	110.162 ppb	118.213 ppb	90.951 ppb
Concentration per Run 3	92.748 %	505.209 ppb	150.451 ppb	87.282 ppb	306.826 ppb	20,688.336 ppb	113.047 ppb	117.961 ppb	92.128 ppb
Concentration RSD	1.7 %	9.0 %	6.5 %	7.3 %	8.4 %	7.5 %	8.5 %	5.0 %	7.8 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	195.385 ppb	82.232 %	31.426 ppb	26.824 ppb	241.615 ppb	188.179 ppb	83.537 %	65.258 ppb	11.525 ppb
Concentration per Run 1	177.200 ppb	83.509 %	28.136 ppb	24.456 ppb	215.682 ppb	166.503 ppb	85.008 %	59.125 ppb	10.617 ppb
Concentration per Run 2	204.404 ppb	81.065 %	33.998 ppb	27.636 ppb	253.937 ppb	198.910 ppb	82.324 %	68.406 ppb	11.852 ppb
Concentration per Run 3	204.552 ppb	82.122 %	32.144 ppb	28.379 ppb	255.226 ppb	199.125 ppb	83.278 %	68.243 ppb	12.106 ppb
Concentration RSD	8.1 %	1.5 %	9.5 %	7.8 %	9.3 %	10.0 %	1.6 %	8.1 %	6.9 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	83.147 %	229.804 ppb	109.851 ppb	423.242 ppb	88.636 %	95.664 %	0.234 ppb	23.129 ppb	135.111 ppb
Concentration per Run 1	84.424 %	200.170 ppb	97.226 ppb	381.546 ppb	89.114 %	97.149 %	0.155 ppb	20.745 ppb	120.611 ppb
Concentration per Run 2	82.056 %	241.242 ppb	116.362 ppb	444.028 ppb	87.265 %	94.629 %	0.210 ppb	24.334 ppb	142.715 ppb
Concentration per Run 3	82.960 %	248.000 ppb	115.965 ppb	444.152 ppb	89.529 %	95.214 %	0.338 ppb	24.308 ppb	142.006 ppb
Concentration RSD	1.4 %	11.3 %	10.0 %	8.5 %	1.4 %	1.4 %	39.9 %	8.9 %	9.3 %

Category	209Bi (KED AGD)
Concentration average	93.062 %
Concentration per Run 1	95.480 %
Concentration per Run 2	91.887 %
Concentration per Run 3	91.818 %
Concentration RSD	2.3 %

3/8/2018 7:23:45 AM

 Analysis index: 144
 Analysis label: WG1093817-5D10 A2-6020T

 Analysis started at: 3/7/2018 5:32:19 PM
 User name: ALPHALAB\metals-instrument
 Rack: 2
 Vial: 45

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	79.509 %	94.663 %	49.294 ppb	18,415.655 ppb	11,089.217 ppb	10,070.827 ppb	6,903.473 ppb	10,221.497 ppb	84.840 %
Concentration per Run 1	79.073 %	100.723 %	49.070 ppb	17,087.146 ppb	10,023.655 ppb	9,352.539 ppb	6,442.698 ppb	8,933.329 ppb	84.380 %
Concentration per Run 2	80.357 %	93.961 %	49.619 ppb	18,949.749 ppb	11,604.135 ppb	10,351.228 ppb	7,021.869 ppb	10,752.613 ppb	85.366 %
Concentration per Run 3	79.097 %	89.304 %	49.193 ppb	19,210.071 ppb	11,639.860 ppb	10,508.716 ppb	7,245.853 ppb	10,978.549 ppb	84.774 %
Concentration RSD	0.9 %	6.1 %	0.6 %	6.3 %	8.3 %	6.2 %	6.0 %	11.0 %	0.6 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	95.677 %	401.192 ppb	89.049 ppb	91.852 ppb	243.987 ppb	25,531.230 ppb	51.673 ppb	62.156 ppb	150.342 ppb
Concentration per Run 1	96.789 %	350.459 ppb	81.003 ppb	83.180 ppb	221.550 ppb	23,213.142 ppb	46.515 ppb	57.142 ppb	132.931 ppb
Concentration per Run 2	96.554 %	422.951 ppb	91.730 ppb	96.249 ppb	256.438 ppb	26,586.902 ppb	54.057 ppb	66.150 ppb	161.984 ppb
Concentration per Run 3	93.688 %	430.166 ppb	94.414 ppb	96.127 ppb	253.972 ppb	26,793.646 ppb	54.448 ppb	63.178 ppb	156.112 ppb
Concentration RSD	1.8 %	11.0 %	8.0 %	8.2 %	8.0 %	7.9 %	8.7 %	7.4 %	10.2 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	141.749 ppb	84.847 %	51.713 ppb	48.493 ppb	86.099 ppb	52.365 ppb	85.831 %	30.123 ppb	45.125 ppb
Concentration per Run 1	129.561 ppb	86.751 %	47.145 ppb	44.813 ppb	78.950 ppb	45.844 ppb	88.968 %	26.710 ppb	39.988 ppb
Concentration per Run 2	151.628 ppb	82.957 %	55.621 ppb	49.634 ppb	91.078 ppb	56.134 ppb	83.590 %	32.518 ppb	49.007 ppb
Concentration per Run 3	144.058 ppb	84.831 %	52.372 ppb	51.034 ppb	88.268 ppb	55.119 ppb	84.935 %	31.142 ppb	46.380 ppb
Concentration RSD	7.9 %	2.2 %	8.3 %	6.7 %	7.4 %	10.8 %	3.3 %	10.1 %	10.3 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	86.916 %	58.082 ppb	56.494 ppb	71.102 ppb	91.197 %	98.251 %	42.081 ppb	43.276 ppb	81.435 ppb
Concentration per Run 1	92.456 %	50.193 ppb	49.341 ppb	62.756 ppb	93.961 %	102.830 %	36.133 ppb	39.431 ppb	72.958 ppb
Concentration per Run 2	83.858 %	62.090 ppb	60.431 ppb	76.705 ppb	88.565 %	94.704 %	44.948 ppb	45.771 ppb	86.873 ppb
Concentration per Run 3	84.434 %	61.962 ppb	59.712 ppb	73.844 ppb	91.065 %	97.219 %	45.162 ppb	44.628 ppb	84.475 ppb
Concentration RSD	5.5 %	11.8 %	11.0 %	10.4 %	3.0 %	4.2 %	12.2 %	7.8 %	9.1 %

Category	209Bi (KED AGD)
Concentration average	96.742 %
Concentration per Run 1	100.451 %
Concentration per Run 2	94.720 %
Concentration per Run 3	95.054 %
Concentration RSD	3.3 %

3/8/2018 7:23:45 AM

 Analysis index: 145
 Analysis label: WG1093817-4D2 A2-6020T

 Analysis started at: 3/7/2018 5:36:12 PM
 User name: ALPHALAB\metals-instrument
 Rack: 2
 Vial: 46

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	73.449 %	94.897 %	3.156 ppb	72,225.378 ppb	31,422.249 ppb	46,834.057 ppb	13,513.284 ppb	72,418.514 ppb	75.849 %
Concentration per Run 1	73.736 %	101.361 %	3.265 ppb	65,979.855 ppb	28,731.791 ppb	44,232.636 ppb	12,648.972 ppb	67,848.414 ppb	75.909 %
Concentration per Run 2	72.968 %	90.772 %	3.179 ppb	74,037.340 ppb	32,478.857 ppb	47,470.351 ppb	14,219.484 ppb	74,997.862 ppb	75.390 %
Concentration per Run 3	73.643 %	92.558 %	3.024 ppb	76,658.940 ppb	33,056.097 ppb	48,799.183 ppb	13,671.396 ppb	74,409.267 ppb	76.248 %
Concentration RSD	0.6 %	6.0 %	3.9 %	7.7 %	7.5 %	5.0 %	5.9 %	5.5 %	0.6 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	93.125 %	1,770.071 ppb	208.879 ppb	212.030 ppb	959.748 ppb	100,992.617 ppb	28.260 ppb	81.725 ppb	223.344 ppb
Concentration per Run 1	101.184 %	1,612.073 ppb	186.258 ppb	186.605 ppb	862.082 ppb	90,142.729 ppb	25.317 ppb	70.287 ppb	200.568 ppb
Concentration per Run 2	91.667 %	1,853.486 ppb	214.534 ppb	218.082 ppb	985.389 ppb	103,999.443 ppb	28.930 ppb	84.318 ppb	231.873 ppb
Concentration per Run 3	86.523 %	1,844.654 ppb	225.845 ppb	231.404 ppb	1,031.772 ppb	108,835.678 ppb	30.533 ppb	90.572 ppb	237.591 ppb
Concentration RSD	8.0 %	7.7 %	9.8 %	10.8 %	9.1 %	9.6 %	9.5 %	12.7 %	8.9 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	450.311 ppb	78.591 %	33.216 ppb	11.370 ppb	326.716 ppb	38.770 ppb	78.908 %	2.091 ppb	4.564 ppb
Concentration per Run 1	407.211 ppb	82.480 %	30.857 ppb	9.615 ppb	308.452 ppb	35.116 ppb	80.721 %	2.002 ppb	4.361 ppb
Concentration per Run 2	464.891 ppb	77.007 %	33.694 ppb	12.237 ppb	332.148 ppb	40.668 ppb	77.866 %	2.138 ppb	4.507 ppb
Concentration per Run 3	478.832 ppb	76.285 %	35.096 ppb	12.259 ppb	339.546 ppb	40.527 ppb	78.137 %	2.133 ppb	4.826 ppb
Concentration RSD	8.4 %	4.3 %	6.5 %	13.4 %	5.0 %	8.2 %	2.0 %	3.7 %	5.2 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	82.729 %	24.822 ppb	2.029 ppb	124.939 ppb	83.770 %	85.819 %	2.380 ppb	1.291 ppb	192.084 ppb
Concentration per Run 1	86.977 %	23.404 ppb	1.867 ppb	117.091 ppb	85.307 %	89.639 %	2.398 ppb	1.175 ppb	177.566 ppb
Concentration per Run 2	81.384 %	24.789 ppb	2.136 ppb	127.877 ppb	82.392 %	83.287 %	2.337 ppb	1.330 ppb	196.628 ppb
Concentration per Run 3	79.826 %	26.273 ppb	2.084 ppb	129.849 ppb	83.611 %	84.532 %	2.404 ppb	1.368 ppb	202.057 ppb
Concentration RSD	4.5 %	5.8 %	7.0 %	5.5 %	1.7 %	3.9 %	1.6 %	7.9 %	6.7 %

Category	209Bi (KED AGD)
Concentration average	90.443 %
Concentration per Run 1	92.752 %
Concentration per Run 2	89.505 %
Concentration per Run 3	89.073 %
Concentration RSD	2.2 %

3/8/2018 7:23:45 AM

 Analysis index: 146 Analysis started at: 3/7/2018 5:40:05 PM Rack: 2
 Analysis label: L1807187-01D2 A2-6020T User name: ALPHALAB\metals-instrument Vial: 47

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	75.221 %	95.471 %	3.386 ppb	67,143.250 ppb	32,566.965 ppb	50,297.863 ppb	14,182.203 ppb	31,103.069 ppb	80.463 %
Concentration per Run 1	74.309 %	94.152 %	3.449 ppb	63,815.934 ppb	30,747.957 ppb	47,310.099 ppb	13,672.485 ppb	29,149.080 ppb	80.169 %
Concentration per Run 2	75.660 %	98.618 %	3.385 ppb	68,792.669 ppb	33,754.844 ppb	52,881.467 ppb	15,063.048 ppb	33,013.093 ppb	80.568 %
Concentration per Run 3	75.696 %	93.642 %	3.326 ppb	68,821.148 ppb	33,198.093 ppb	50,702.024 ppb	13,811.077 ppb	31,147.035 ppb	80.652 %
Concentration RSD	1.1 %	2.9 %	1.8 %	4.3 %	4.9 %	5.6 %	5.4 %	6.2 %	0.3 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	96.429 %	1,862.855 ppb	228.205 ppb	231.687 ppb	1,011.462 ppb	107,542.151 ppb	29.760 ppb	86.825 ppb	531.467 ppb
Concentration per Run 1	95.709 %	1,750.033 ppb	213.141 ppb	215.023 ppb	946.256 ppb	99,341.277 ppb	28.039 ppb	82.695 ppb	490.764 ppb
Concentration per Run 2	100.760 %	1,945.110 ppb	230.501 ppb	230.966 ppb	1,019.057 ppb	108,959.216 ppb	30.274 ppb	86.031 ppb	534.480 ppb
Concentration per Run 3	92.819 %	1,893.423 ppb	240.973 ppb	249.072 ppb	1,069.075 ppb	114,325.958 ppb	30.968 ppb	91.750 ppb	569.158 ppb
Concentration RSD	4.2 %	5.4 %	6.2 %	7.4 %	6.1 %	7.1 %	5.1 %	5.3 %	7.4 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	454.967 ppb	84.345 %	35.077 ppb	11.128 ppb	215.302 ppb	40.434 ppb	82.946 %	2.360 ppb	4.860 ppb
Concentration per Run 1	424.994 ppb	84.611 %	32.716 ppb	9.024 ppb	201.364 ppb	38.542 ppb	83.469 %	2.143 ppb	4.680 ppb
Concentration per Run 2	457.818 ppb	88.450 %	35.753 ppb	11.746 ppb	224.655 ppb	39.377 ppb	84.150 %	2.406 ppb	4.882 ppb
Concentration per Run 3	482.090 ppb	79.974 %	36.762 ppb	12.613 ppb	219.888 ppb	43.385 ppb	81.220 %	2.532 ppb	5.019 ppb
Concentration RSD	6.3 %	5.0 %	6.0 %	16.8 %	5.7 %	6.4 %	1.8 %	8.4 %	3.5 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	84.569 %	21.630 ppb	1.847 ppb	134.426 ppb	84.015 %	88.544 %	1.789 ppb	1.325 ppb	209.091 ppb
Concentration per Run 1	84.760 %	20.260 ppb	1.652 ppb	124.737 ppb	83.870 %	88.880 %	1.553 ppb	1.265 ppb	194.113 ppb
Concentration per Run 2	87.164 %	22.305 ppb	1.937 ppb	139.173 ppb	85.771 %	91.724 %	1.802 ppb	1.350 ppb	213.094 ppb
Concentration per Run 3	81.783 %	22.325 ppb	1.953 ppb	139.367 ppb	82.404 %	85.028 %	2.013 ppb	1.360 ppb	220.066 ppb
Concentration RSD	3.2 %	5.5 %	9.2 %	6.2 %	2.0 %	3.8 %	12.9 %	3.9 %	6.4 %

Category	209Bi (KED AGD)
Concentration average	91.650 %
Concentration per Run 1	92.371 %
Concentration per Run 2	93.897 %
Concentration per Run 3	88.683 %
Concentration RSD	2.9 %

3/8/2018 7:23:45 AM

 Analysis index: 147 Analysis started at: 3/7/2018 5:43:58 PM Rack: 2
 Analysis label: L1807187-02D2 A2-6020T User name: ALPHALAB\metals-instrument Vial: 49

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	75.212 %	100.340 %	3.505 ppb	67,452.873 ppb	34,077.666 ppb	50,051.876 ppb	13,819.235 ppb	26,708.929 ppb	83.379 %
Concentration per Run 1	75.251 %	99.001 %	3.507 ppb	63,894.126 ppb	31,880.225 ppb	46,654.578 ppb	12,626.773 ppb	23,826.639 ppb	83.238 %
Concentration per Run 2	75.349 %	104.614 %	3.499 ppb	68,576.403 ppb	34,827.798 ppb	52,302.430 ppb	14,759.372 ppb	28,474.000 ppb	83.818 %
Concentration per Run 3	75.035 %	97.406 %	3.510 ppb	69,888.092 ppb	35,524.977 ppb	51,198.620 ppb	14,071.558 ppb	27,826.148 ppb	83.081 %
Concentration RSD	0.2 %	3.8 %	0.2 %	4.7 %	5.7 %	6.0 %	7.9 %	9.4 %	0.5 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	102.342 %	1,776.114 ppb	200.710 ppb	216.906 ppb	1,385.933 ppb	229,608.778 ppb	56.017 ppb	111.286 ppb	263.147 ppb
Concentration per Run 1	94.910 %	1,603.696 ppb	198.587 ppb	211.546 ppb	1,338.738 ppb	222,021.367 ppb	54.564 ppb	111.681 ppb	259.506 ppb
Concentration per Run 2	111.640 %	1,869.686 ppb	198.134 ppb	214.355 ppb	1,398.577 ppb	227,927.883 ppb	55.288 ppb	110.557 ppb	263.027 ppb
Concentration per Run 3	100.478 %	1,854.959 ppb	205.408 ppb	224.817 ppb	1,420.484 ppb	238,877.084 ppb	58.200 ppb	111.620 ppb	266.908 ppb
Concentration RSD	8.3 %	8.4 %	2.0 %	3.2 %	3.1 %	3.7 %	3.4 %	0.6 %	1.4 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	388.403 ppb	86.263 %	67.562 ppb	11.992 ppb	269.004 ppb	51.922 ppb	84.690 %	1.585 ppb	4.603 ppb
Concentration per Run 1	379.716 ppb	81.771 %	65.258 ppb	11.578 ppb	248.136 ppb	49.440 ppb	82.884 %	1.490 ppb	4.430 ppb
Concentration per Run 2	390.456 ppb	91.094 %	69.216 ppb	12.001 ppb	282.940 ppb	52.480 ppb	87.859 %	1.618 ppb	4.538 ppb
Concentration per Run 3	395.037 ppb	85.924 %	68.210 ppb	12.395 ppb	275.935 ppb	53.846 ppb	83.327 %	1.646 ppb	4.839 ppb
Concentration RSD	2.0 %	5.4 %	3.0 %	3.4 %	6.8 %	4.3 %	3.3 %	5.2 %	4.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	87.639 %	695.578 ppb	4.122 ppb	112.911 ppb	88.308 %	91.628 %	1.596 ppb	1.174 ppb	558.527 ppb
Concentration per Run 1	83.658 %	663.853 ppb	3.736 ppb	107.310 ppb	85.371 %	87.490 %	1.520 ppb	1.060 ppb	531.853 ppb
Concentration per Run 2	92.682 %	710.005 ppb	4.438 ppb	115.368 ppb	92.522 %	97.201 %	1.548 ppb	1.180 ppb	562.501 ppb
Concentration per Run 3	86.576 %	712.874 ppb	4.191 ppb	116.054 ppb	87.031 %	90.194 %	1.718 ppb	1.282 ppb	581.225 ppb
Concentration RSD	5.3 %	4.0 %	8.6 %	4.3 %	4.2 %	5.5 %	6.7 %	9.5 %	4.5 %

Category	209Bi (KED AGD)
Concentration average	92.664 %
Concentration per Run 1	90.720 %
Concentration per Run 2	96.588 %
Concentration per Run 3	90.683 %
Concentration RSD	3.7 %

3/8/2018 7:23:45 AM

 Analysis index: 148 Analysis started at: 3/7/2018 5:47:51 PM Rack: 2
 Analysis label: L1807187-03D2 A2-6020T User name: ALPHALAB\metals-instrument Vial: 50

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	73.461 %	97.172 %	3.526 ppb	32,894.931 ppb	27,312.064 ppb	50,229.564 ppb	11,762.131 ppb	19,085.214 ppb	76.183 %
Concentration per Run 1	74.026 %	94.408 %	3.453 ppb	30,570.071 ppb	25,366.737 ppb	45,486.027 ppb	10,817.540 ppb	17,025.005 ppb	76.966 %
Concentration per Run 2	73.792 %	95.046 %	3.507 ppb	33,876.370 ppb	27,921.336 ppb	50,672.730 ppb	11,853.665 ppb	19,393.011 ppb	75.400 %
Concentration per Run 3	72.565 %	102.063 %	3.618 ppb	34,238.352 ppb	28,648.120 ppb	54,529.934 ppb	12,615.188 ppb	20,837.625 ppb	76.183 %
Concentration RSD	1.1 %	4.4 %	2.4 %	6.1 %	6.3 %	9.0 %	7.7 %	10.1 %	1.0 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	92.843 %	1,656.608 ppb	214.546 ppb	187.684 ppb	1,224.590 ppb	115,335.155 ppb	28.337 ppb	80.193 ppb	125.325 ppb
Concentration per Run 1	89.107 %	1,489.326 ppb	197.551 ppb	172.701 ppb	1,100.574 ppb	106,610.494 ppb	25.989 ppb	74.626 ppb	117.996 ppb
Concentration per Run 2	90.117 %	1,697.640 ppb	224.906 ppb	195.724 ppb	1,260.300 ppb	120,571.866 ppb	29.754 ppb	85.555 ppb	132.888 ppb
Concentration per Run 3	99.303 %	1,782.859 ppb	221.180 ppb	194.627 ppb	1,312.895 ppb	118,823.103 ppb	29.269 ppb	80.398 ppb	125.092 ppb
Concentration RSD	6.1 %	9.1 %	6.9 %	6.9 %	9.0 %	6.6 %	7.2 %	6.8 %	5.9 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	504.366 ppb	84.752 %	46.425 ppb	12.155 ppb	193.629 ppb	41.728 ppb	83.799 %	1.508 ppb	4.638 ppb
Concentration per Run 1	468.793 ppb	81.537 %	43.423 ppb	10.918 ppb	172.470 ppb	39.670 ppb	82.886 %	1.387 ppb	4.351 ppb
Concentration per Run 2	527.898 ppb	81.074 %	47.703 ppb	12.659 ppb	200.107 ppb	43.633 ppb	81.834 %	1.625 ppb	4.864 ppb
Concentration per Run 3	516.407 ppb	91.647 %	48.150 ppb	12.888 ppb	208.311 ppb	41.882 ppb	86.676 %	1.513 ppb	4.698 ppb
Concentration RSD	6.2 %	7.0 %	5.6 %	8.9 %	9.7 %	4.8 %	3.0 %	7.9 %	5.6 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	85.123 %	17.946 ppb	1.929 ppb	98.986 ppb	84.880 %	88.418 %	1.410 ppb	1.219 ppb	155.436 ppb
Concentration per Run 1	82.517 %	16.811 ppb	1.655 ppb	91.018 ppb	82.947 %	85.790 %	1.293 ppb	1.139 ppb	146.064 ppb
Concentration per Run 2	83.138 %	18.410 ppb	2.175 ppb	101.516 ppb	83.449 %	85.567 %	1.507 ppb	1.265 ppb	160.432 ppb
Concentration per Run 3	89.715 %	18.618 ppb	1.957 ppb	104.424 ppb	88.244 %	93.897 %	1.431 ppb	1.253 ppb	159.813 ppb
Concentration RSD	4.7 %	5.5 %	13.5 %	7.1 %	3.4 %	5.4 %	7.7 %	5.7 %	5.2 %

Category	209Bi (KED AGD)
Concentration average	91.546 %
Concentration per Run 1	89.573 %
Concentration per Run 2	90.491 %
Concentration per Run 3	94.575 %
Concentration RSD	2.9 %

3/8/2018 7:23:45 AM

 Analysis index: 149
 Analysis label: WG1093817-6D10 A2-6020T

 Analysis started at: 3/7/2018 5:51:45 PM
 User name: ALPHALAB\metals-instrument
 Rack: 2
 Vial: 48

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	75.380 %	98.916 %	0.733 ppb	13,987.869 ppb	6,447.812 ppb	10,124.384 ppb	2,847.986 ppb	6,158.671 ppb	81.227 %
Concentration per Run 1	75.291 %	99.064 %	0.742 ppb	12,711.589 ppb	5,780.740 ppb	8,807.099 ppb	2,552.103 ppb	5,113.495 ppb	80.173 %
Concentration per Run 2	76.185 %	99.320 %	0.710 ppb	14,288.754 ppb	6,543.741 ppb	10,341.944 ppb	2,814.047 ppb	6,125.783 ppb	82.262 %
Concentration per Run 3	74.664 %	98.363 %	0.748 ppb	14,963.265 ppb	7,018.954 ppb	11,224.109 ppb	3,177.808 ppb	7,236.735 ppb	81.245 %
Concentration RSD	1.0 %	0.5 %	2.8 %	8.3 %	9.7 %	12.1 %	11.0 %	17.2 %	1.3 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	96.680 %	370.194 ppb	46.169 ppb	47.422 ppb	203.166 ppb	21,713.871 ppb	6.233 ppb	17.093 ppb	109.651 ppb
Concentration per Run 1	92.419 %	319.574 ppb	40.529 ppb	42.631 ppb	181.991 ppb	19,300.792 ppb	5.487 ppb	15.956 ppb	97.620 ppb
Concentration per Run 2	93.899 %	367.738 ppb	48.707 ppb	50.110 ppb	213.168 ppb	22,650.923 ppb	6.885 ppb	18.021 ppb	117.562 ppb
Concentration per Run 3	103.721 %	423.271 ppb	49.272 ppb	49.525 ppb	214.339 ppb	23,189.898 ppb	6.327 ppb	17.304 ppb	113.772 ppb
Concentration RSD	6.4 %	14.0 %	10.6 %	8.8 %	9.0 %	9.7 %	11.3 %	6.1 %	9.7 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	99.383 ppb	89.236 %	7.163 ppb	2.361 ppb	41.252 ppb	7.556 ppb	90.961 %	0.453 ppb	0.984 ppb
Concentration per Run 1	87.588 ppb	90.122 %	5.874 ppb	1.937 ppb	35.396 ppb	6.371 ppb	90.825 %	0.403 ppb	0.825 ppb
Concentration per Run 2	105.547 ppb	84.747 %	7.978 ppb	1.991 ppb	43.763 ppb	8.474 ppb	89.572 %	0.442 ppb	1.076 ppb
Concentration per Run 3	105.015 ppb	92.839 %	7.636 ppb	3.154 ppb	44.596 ppb	7.823 ppb	92.487 %	0.514 ppb	1.050 ppb
Concentration RSD	10.3 %	4.6 %	15.8 %	29.1 %	12.3 %	14.2 %	1.6 %	12.5 %	14.1 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	90.068 %	4.349 ppb	0.420 ppb	25.807 ppb	93.084 %	100.230 %	0.202 ppb	0.256 ppb	39.819 ppb
Concentration per Run 1	90.718 %	3.780 ppb	0.320 ppb	22.149 ppb	93.950 %	100.440 %	0.170 ppb	0.235 ppb	34.701 ppb
Concentration per Run 2	86.159 %	4.618 ppb	0.480 ppb	27.715 ppb	90.380 %	95.540 %	0.180 ppb	0.260 ppb	41.766 ppb
Concentration per Run 3	93.326 %	4.648 ppb	0.460 ppb	27.556 ppb	94.923 %	104.712 %	0.254 ppb	0.271 ppb	42.990 ppb
Concentration RSD	4.0 %	11.3 %	20.7 %	12.3 %	2.6 %	4.6 %	22.8 %	7.2 %	11.2 %

Category	209Bi (KED AGD)
Concentration average	96.471 %
Concentration per Run 1	97.882 %
Concentration per Run 2	93.720 %
Concentration per Run 3	97.812 %
Concentration RSD	2.5 %

3/8/2018 7:23:45 AM

 Analysis index: 150
 Analysis label: L1806872-12D10 CT-SPLP-6020TL

 Analysis started at: 3/7/2018 5:55:38 PM
 User name: ALPHALAB/metals-instrument
 Rack: 2
 Vial: 41

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	71.694 %	91.069 %	0.006 ppb	17,142.711 ppb	22.933 ppb	4.873 ppb	1,288.548 ppb	8,820.502 ppb	73.796 %
Concentration per Run 1	72.572 %	91.473 %	0.003 ppb	15,723.525 ppb	18.703 ppb	4.300 ppb	1,175.471 ppb	7,826.541 ppb	74.907 %
Concentration per Run 2	72.228 %	90.580 %	0.009 ppb	17,780.778 ppb	25.766 ppb	5.452 ppb	1,339.618 ppb	9,293.547 ppb	74.019 %
Concentration per Run 3	70.281 %	91.154 %	0.006 ppb	17,923.831 ppb	24.331 ppb	4.868 ppb	1,350.553 ppb	9,341.417 ppb	72.461 %
Concentration RSD	1.7 %	0.5 %	52.6 %	7.2 %	16.3 %	11.8 %	7.6 %	9.8 %	1.7 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	89.271 %	13.228 ppb	13.274 ppb	2.585 ppb	0.154 ppb	63.530 ppb	0.125 ppb	1.535 ppb	34.539 ppb
Concentration per Run 1	90.164 %	11.987 ppb	11.094 ppb	2.280 ppb	0.059 ppb	52.490 ppb	0.111 ppb	1.552 ppb	31.171 ppb
Concentration per Run 2	88.379 %	13.689 ppb	13.902 ppb	2.840 ppb	0.216 ppb	53.432 ppb	0.122 ppb	1.375 ppb	34.677 ppb
Concentration per Run 3	89.271 %	14.009 ppb	14.827 ppb	2.637 ppb	0.186 ppb	84.669 ppb	0.142 ppb	1.677 ppb	37.771 ppb
Concentration RSD	1.0 %	8.2 %	14.6 %	11.0 %	54.2 %	28.8 %	12.5 %	9.9 %	9.6 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.802 ppb	88.062 %	0.911 ppb	0.478 ppb	26.953 ppb	4.362 ppb	89.057 %	0.019 ppb	-0.003 ppb
Concentration per Run 1	0.576 ppb	91.176 %	0.775 ppb	0.307 ppb	24.089 ppb	3.613 ppb	91.888 %	0.021 ppb	-0.008 ppb
Concentration per Run 2	0.735 ppb	87.448 %	0.914 ppb	0.327 ppb	27.735 ppb	4.621 ppb	89.123 %	0.018 ppb	-0.003 ppb
Concentration per Run 3	1.095 ppb	85.562 %	1.044 ppb	0.800 ppb	29.036 ppb	4.851 ppb	86.161 %	0.018 ppb	0.001 ppb
Concentration RSD	33.1 %	3.2 %	14.8 %	58.3 %	9.5 %	15.1 %	3.2 %	8.3 %	139.7 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	86.695 %	0.785 ppb	0.596 ppb	0.843 ppb	90.191 %	97.665 %	0.689 ppb	0.005 ppb	0.041 ppb
Concentration per Run 1	90.019 %	0.679 ppb	0.551 ppb	0.871 ppb	92.075 %	101.051 %	0.639 ppb	0.001 ppb	0.031 ppb
Concentration per Run 2	85.744 %	0.771 ppb	0.639 ppb	0.862 ppb	88.892 %	95.989 %	0.629 ppb	0.006 ppb	0.048 ppb
Concentration per Run 3	84.321 %	0.904 ppb	0.599 ppb	0.794 ppb	89.606 %	95.956 %	0.801 ppb	0.010 ppb	0.044 ppb
Concentration RSD	3.4 %	14.4 %	7.4 %	5.0 %	1.9 %	3.0 %	14.0 %	81.7 %	20.8 %

Category	209Bi (KED AGD)
Concentration average	94.714 %
Concentration per Run 1	96.432 %
Concentration per Run 2	94.442 %
Concentration per Run 3	93.268 %
Concentration RSD	1.7 %

3/8/2018 7:23:45 AM

 Analysis index: 151 Analysis started at: 3/7/2018 5:59:31 PM Rack: 0
 Analysis label: CCV User name: ALPHALAB\metals-instrument Vial: 9

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	78.256 %	96.151 %	96.980 ppb	10,390.548 ppb	10,406.716 ppb	101.243 ppb	9,870.151 ppb	10,060.247 ppb	86.052 %
Concentration per Run 1	78.459 %	98.554 %	97.200 ppb	9,476.770 ppb	9,218.428 ppb	88.195 ppb	8,799.503 ppb	8,876.811 ppb	86.800 %
Concentration per Run 2	78.278 %	93.323 %	96.812 ppb	10,880.803 ppb	11,030.947 ppb	108.039 ppb	10,315.247 ppb	10,739.921 ppb	85.772 %
Concentration per Run 3	78.030 %	96.577 %	96.929 ppb	10,814.072 ppb	10,970.773 ppb	107.496 ppb	10,495.705 ppb	10,564.008 ppb	85.584 %
Recovery Percentage 1			96.980 %	103.905 %	104.067 %	101.243 %	98.702 %	100.602 %	
Concentration RSD	0.3 %	2.7 %	0.2 %	7.6 %	9.9 %	11.2 %	9.4 %	10.2 %	0.8 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	102.639 %	97.468 ppb	104.591 ppb	107.871 ppb	105.380 ppb	10,582.899 ppb	103.619 ppb	103.583 ppb	102.562 ppb
Concentration per Run 1	101.958 %	82.450 ppb	94.174 ppb	96.394 ppb	91.845 ppb	9,354.083 ppb	90.900 ppb	91.958 ppb	89.718 ppb
Concentration per Run 2	102.052 %	103.734 ppb	108.869 ppb	113.095 ppb	113.511 ppb	11,113.695 ppb	110.018 ppb	107.268 ppb	108.426 ppb
Concentration per Run 3	103.908 %	106.221 ppb	110.730 ppb	114.123 ppb	110.784 ppb	11,280.918 ppb	109.939 ppb	111.524 ppb	109.541 ppb
Recovery Percentage 1		97.468 %	104.591 %	107.871 %	105.380 %	105.829 %	103.619 %	103.583 %	102.562 %
Concentration RSD	1.1 %	13.4 %	8.7 %	9.2 %	11.2 %	10.1 %	10.6 %	9.9 %	10.9 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	98.618 ppb	90.789 %	101.185 ppb	103.656 ppb	98.949 ppb	102.258 ppb	90.763 %	101.616 ppb	100.670 ppb
Concentration per Run 1	88.292 ppb	92.086 %	90.873 ppb	91.028 ppb	87.618 ppb	90.668 ppb	91.565 %	91.517 ppb	88.074 ppb
Concentration per Run 2	103.519 ppb	90.765 %	104.397 ppb	107.962 ppb	103.710 ppb	107.379 ppb	89.841 %	105.630 ppb	105.935 ppb
Concentration per Run 3	104.043 ppb	89.515 %	108.286 ppb	111.978 ppb	105.519 ppb	108.726 ppb	90.884 %	107.701 ppb	108.001 ppb
Recovery Percentage 1	98.618 %		101.185 %	103.656 %	98.949 %	102.258 %		101.616 %	100.670 %
Concentration RSD	9.1 %	1.4 %	9.0 %	10.7 %	10.0 %	9.8 %	1.0 %	8.7 %	10.9 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	90.534 %	98.009 ppb	95.498 ppb	102.315 ppb	93.072 %	99.223 %	98.797 ppb	98.374 ppb	96.561 ppb
Concentration per Run 1	91.146 %	85.772 ppb	84.312 ppb	91.240 ppb	85.772 %	99.867 %	88.120 ppb	90.078 ppb	86.968 ppb
Concentration per Run 2	90.574 %	98.959 ppb	98.837 ppb	104.448 ppb	92.681 %	98.151 %	102.786 ppb	100.902 ppb	99.540 ppb
Concentration per Run 3	89.884 %	109.296 ppb	103.345 ppb	111.256 ppb	92.294 %	99.651 %	105.484 ppb	104.142 ppb	103.176 ppb
Recovery Percentage 1		98.009 %	95.498 %	102.315 %			98.797 %	98.374 %	96.561 %
Concentration RSD	0.7 %	12.0 %	10.4 %	9.9 %	1.1 %	0.9 %	9.5 %	7.5 %	8.8 %

Category	209Bi (KED AGD)
Concentration average	96.787 %
Concentration per Run 1	98.616 %
Concentration per Run 2	96.227 %
Concentration per Run 3	95.519 %
Recovery Percentage 1	
Concentration RSD	1.7 %

3/8/2018 7:23:45 AM

 Analysis index: 152 Analysis started at: 3/7/2018 6:03:27 PM Rack: 0
 Analysis label: CCB User name: ALPHALAB\metals-instrument Vial: 10

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	79.187 %	99.979 %	0.007 ppb	51.342 ppb	2.479 ppb	0.605 ppb	4.798 ppb	-0.290 ppb	80.325 %
Concentration per Run 1	79.788 %	100.021 %	0.003 ppb	32.394 ppb	4.969 ppb	0.713 ppb	-0.375 ppb	-1.085 ppb	81.528 %
Concentration per Run 2	79.474 %	98.873 %	0.011 ppb	70.243 ppb	0.415 ppb	0.633 ppb	3.040 ppb	1.067 ppb	80.396 %
Concentration per Run 3	78.300 %	101.042 %	0.009 ppb	51.390 ppb	2.053 ppb	0.470 ppb	11.730 ppb	-0.853 ppb	79.050 %
Recovery Percentage 1			1.491 %	51.342 %	2.479 %	6.054 %	4.798 %	-0.290 %	
Concentration RSD	1.0 %	1.1 %	55.2 %	36.9 %	93.1 %	20.5 %	130.1 %	407.1 %	1.5 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	93.852 %	0.178 ppb	-0.006 ppb	0.117 ppb	0.046 ppb	23.965 ppb	0.007 ppb	-0.098 ppb	-0.005 ppb
Concentration per Run 1	92.889 %	0.023 ppb	0.008 ppb	0.134 ppb	0.029 ppb	24.896 ppb	0.015 ppb	-0.164 ppb	0.064 ppb
Concentration per Run 2	92.208 %	0.433 ppb	-0.012 ppb	0.103 ppb	0.114 ppb	26.934 ppb	0.002 ppb	-0.174 ppb	-0.046 ppb
Concentration per Run 3	96.460 %	0.076 ppb	-0.012 ppb	0.113 ppb	-0.005 ppb	20.064 ppb	0.002 ppb	0.045 ppb	-0.035 ppb
Recovery Percentage 1		35.533 %	-0.113 %	11.659 %	4.614 %	47.929 %	1.338 %	-4.886 %	-0.547 %
Concentration RSD	2.4 %	125.6 %	208.4 %	13.7 %	133.1 %	14.7 %	112.7 %	126.4 %	1,109.4 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.025 ppb	91.045 %	0.065 ppb	0.081 ppb	0.040 ppb	0.456 ppb	93.213 %	0.069 ppb	0.001 ppb
Concentration per Run 1	-0.044 ppb	87.778 %	0.089 ppb	0.131 ppb	0.044 ppb	0.459 ppb	93.701 %	0.070 ppb	0.009 ppb
Concentration per Run 2	0.115 ppb	92.685 %	0.046 ppb	0.177 ppb	0.076 ppb	0.465 ppb	93.862 %	0.063 ppb	0.001 ppb
Concentration per Run 3	0.004 ppb	92.673 %	0.059 ppb	-0.065 ppb	-0.001 ppb	0.445 ppb	92.077 %	0.073 ppb	-0.008 ppb
Recovery Percentage 1	0.249 %	12.924 %	1.625 %	7.908 %	22.823 %			17.151 %	0.269 %
Concentration RSD	327.1 %	3.1 %	33.7 %	158.5 %	97.6 %	2.2 %	1.1 %	7.6 %	1,527.5 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	92.233 %	4.440 ppb	2.192 ppb	0.551 ppb	92.543 %	99.194 %	0.877 ppb	0.025 ppb	0.018 ppb
Concentration per Run 1	92.529 %	4.751 ppb	2.203 ppb	0.475 ppb	92.373 %	98.139 %	0.834 ppb	0.026 ppb	0.017 ppb
Concentration per Run 2	92.425 %	4.436 ppb	2.202 ppb	0.517 ppb	93.602 %	100.849 %	0.894 ppb	0.030 ppb	0.021 ppb
Concentration per Run 3	91.744 %	4.132 ppb	2.171 ppb	0.661 ppb	91.656 %	98.594 %	0.904 ppb	0.018 ppb	0.015 ppb
Recovery Percentage 1		147.997 %	54.799 %	110.144 %			43.874 %	4.937 %	3.504 %
Concentration RSD	0.5 %	7.0 %	0.8 %	17.7 %	1.1 %	1.5 %	4.3 %	26.4 %	17.4 %

Category	209Bi (KED AGD)
Concentration average	97.449 %
Concentration per Run 1	95.213 %
Concentration per Run 2	100.251 %
Concentration per Run 3	96.883 %
Recovery Percentage 1	
Concentration RSD	2.6 %

3/8/2018 7:23:45 AM

 Analysis index: 153 Analysis started at: 3/7/2018 6:07:23 PM Rack: 2
 Analysis label: L1807187-04D2 A2-6020T User name: ALPHALAB\metals-instrument Vial: 51

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	75.858 %	97.299 %	3.620 ppb	38,199.007 ppb	26,708.591 ppb	49,113.055 ppb	12,200.614 ppb	24,402.832 ppb	82.523 %
Concentration per Run 1	76.034 %	98.426 %	3.631 ppb	35,824.375 ppb	24,881.875 ppb	45,642.474 ppb	11,379.417 ppb	22,448.340 ppb	84.206 %
Concentration per Run 2	75.779 %	95.683 %	3.597 ppb	38,806.867 ppb	26,849.309 ppb	49,633.794 ppb	12,606.956 ppb	25,432.722 ppb	83.040 %
Concentration per Run 3	75.761 %	97.789 %	3.632 ppb	39,965.778 ppb	28,394.591 ppb	52,062.898 ppb	12,615.469 ppb	25,327.432 ppb	80.323 %
Concentration RSD	0.2 %	1.5 %	0.5 %	5.6 %	6.6 %	6.6 %	5.8 %	6.9 %	2.4 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	102.506 %	1,683.087 ppb	203.884 ppb	193.020 ppb	986.461 ppb	110,104.270 ppb	28.660 ppb	82.303 ppb	136.157 ppb
Concentration per Run 1	102.757 %	1,530.183 ppb	187.716 ppb	181.038 ppb	913.413 ppb	102,416.505 ppb	26.818 ppb	77.143 ppb	128.264 ppb
Concentration per Run 2	105.482 %	1,779.035 ppb	206.559 ppb	195.745 ppb	1,004.217 ppb	112,073.266 ppb	28.916 ppb	86.627 ppb	138.611 ppb
Concentration per Run 3	99.280 %	1,740.044 ppb	217.378 ppb	202.277 ppb	1,041.753 ppb	115,823.037 ppb	30.246 ppb	83.139 ppb	141.598 ppb
Concentration RSD	3.0 %	8.0 %	7.4 %	5.6 %	6.7 %	6.3 %	6.0 %	5.8 %	5.1 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	411.371 ppb	84.302 %	43.247 ppb	12.423 ppb	204.006 ppb	43.828 ppb	84.375 %	2.004 ppb	4.985 ppb
Concentration per Run 1	392.037 ppb	81.036 %	41.768 ppb	12.170 ppb	189.416 ppb	40.338 ppb	85.511 %	1.905 ppb	4.685 ppb
Concentration per Run 2	416.600 ppb	85.562 %	44.177 ppb	12.753 ppb	211.019 ppb	44.600 ppb	84.244 %	2.063 ppb	5.063 ppb
Concentration per Run 3	425.476 ppb	86.307 %	43.797 ppb	12.346 ppb	211.583 ppb	46.546 ppb	83.370 %	2.043 ppb	5.206 ppb
Concentration RSD	4.2 %	3.4 %	3.0 %	2.4 %	6.2 %	7.2 %	1.3 %	4.3 %	5.4 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	85.393 %	19.035 ppb	3.092 ppb	100.282 ppb	84.724 %	86.067 %	2.058 ppb	1.253 ppb	178.981 ppb
Concentration per Run 1	85.439 %	17.380 ppb	2.878 ppb	93.453 ppb	84.480 %	86.813 %	1.829 ppb	1.156 ppb	166.845 ppb
Concentration per Run 2	84.971 %	19.751 ppb	3.130 ppb	102.507 ppb	84.591 %	84.655 %	2.112 ppb	1.268 ppb	181.792 ppb
Concentration per Run 3	85.769 %	19.975 ppb	3.268 ppb	104.887 ppb	85.101 %	86.733 %	2.233 ppb	1.337 ppb	188.307 ppb
Concentration RSD	0.5 %	7.6 %	6.4 %	6.0 %	0.4 %	1.4 %	10.1 %	7.3 %	6.1 %

Category	209Bi (KED AGD)
Concentration average	92.190 %
Concentration per Run 1	92.302 %
Concentration per Run 2	92.869 %
Concentration per Run 3	91.398 %
Concentration RSD	0.8 %

3/8/2018 7:23:45 AM

 Analysis index: 154 Analysis started at: 3/7/2018 6:11:16 PM Rack: 2
 Analysis label: L1807187-05D2 A2-6020T User name: ALPHALAB\metals-instrument Vial: 52

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	74.858 %	98.533 %	4.119 ppb	49,474.534 ppb	31,664.707 ppb	57,318.773 ppb	13,523.203 ppb	17,310.812 ppb	79.190 %
Concentration per Run 1	75.261 %	95.492 %	4.106 ppb	47,623.915 ppb	30,160.232 ppb	53,989.168 ppb	13,253.158 ppb	16,965.794 ppb	78.380 %
Concentration per Run 2	74.734 %	98.426 %	4.045 ppb	50,001.687 ppb	32,043.722 ppb	58,174.285 ppb	13,923.660 ppb	17,624.384 ppb	80.309 %
Concentration per Run 3	74.580 %	101.680 %	4.206 ppb	50,797.999 ppb	32,790.168 ppb	59,792.866 ppb	13,392.792 ppb	17,342.259 ppb	78.883 %
Concentration RSD	0.5 %	3.1 %	2.0 %	3.3 %	4.3 %	5.2 %	2.6 %	1.9 %	1.3 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	93.109 %	1,788.128 ppb	265.561 ppb	231.277 ppb	1,098.060 ppb	129,721.265 ppb	33.003 ppb	95.600 ppb	158.456 ppb
Concentration per Run 1	93.758 %	1,734.344 ppb	247.085 ppb	215.743 ppb	1,024.139 ppb	121,591.023 ppb	30.749 ppb	90.389 ppb	149.340 ppb
Concentration per Run 2	95.544 %	1,837.302 ppb	267.633 ppb	233.218 ppb	1,121.934 ppb	131,233.455 ppb	33.587 ppb	95.558 ppb	162.379 ppb
Concentration per Run 3	90.023 %	1,792.738 ppb	281.967 ppb	244.871 ppb	1,148.108 ppb	136,339.318 ppb	34.673 ppb	100.851 ppb	163.649 ppb
Concentration RSD	3.0 %	2.9 %	6.6 %	6.3 %	6.0 %	5.8 %	6.1 %	5.5 %	5.0 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	450.667 ppb	83.235 %	47.887 ppb	13.789 ppb	216.092 ppb	53.998 ppb	81.909 %	2.094 ppb	5.598 ppb
Concentration per Run 1	425.408 ppb	82.172 %	45.680 ppb	13.228 ppb	201.054 ppb	49.986 ppb	83.520 %	1.917 ppb	5.156 ppb
Concentration per Run 2	460.684 ppb	82.964 %	48.972 ppb	13.564 ppb	224.506 ppb	57.269 ppb	81.777 %	2.099 ppb	5.723 ppb
Concentration per Run 3	465.909 ppb	84.570 %	49.010 ppb	14.576 ppb	222.717 ppb	54.740 ppb	80.431 %	2.267 ppb	5.915 ppb
Concentration RSD	4.9 %	1.5 %	4.0 %	5.1 %	6.0 %	6.8 %	1.9 %	8.4 %	7.0 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	82.218 %	18.555 ppb	2.530 ppb	126.247 ppb	81.855 %	84.563 %	1.592 ppb	1.335 ppb	197.388 ppb
Concentration per Run 1	82.267 %	17.145 ppb	2.415 ppb	113.378 ppb	80.909 %	85.378 %	1.453 ppb	1.291 ppb	185.961 ppb
Concentration per Run 2	82.456 %	19.272 ppb	2.557 ppb	130.598 ppb	82.877 %	84.201 %	1.637 ppb	1.360 ppb	202.082 ppb
Concentration per Run 3	81.932 %	19.249 ppb	2.619 ppb	134.766 ppb	81.777 %	84.109 %	1.686 ppb	1.353 ppb	204.120 ppb
Concentration RSD	0.3 %	6.6 %	4.1 %	9.0 %	1.2 %	0.8 %	7.7 %	2.9 %	5.0 %

Category	209Bi (KED AGD)
Concentration average	88.825 %
Concentration per Run 1	87.558 %
Concentration per Run 2	88.937 %
Concentration per Run 3	89.980 %
Concentration RSD	1.4 %

3/8/2018 7:23:45 AM

 Analysis index: 155 Analysis started at: 3/7/2018 6:15:10 PM Rack: 2
 Analysis label: L1807187-06D2 A2-6020T User name: ALPHALAB\metals-instrument Vial: 53

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	70.539 %	93.919 %	3.106 ppb	73,764.024 ppb	29,306.381 ppb	44,320.623 ppb	12,002.641 ppb	18,904.273 ppb	74.575 %
Concentration per Run 1	71.941 %	92.685 %	3.066 ppb	70,811.726 ppb	27,678.453 ppb	41,767.226 ppb	11,489.943 ppb	18,001.834 ppb	75.495 %
Concentration per Run 2	70.017 %	94.089 %	3.176 ppb	74,707.466 ppb	29,934.539 ppb	45,506.430 ppb	12,312.195 ppb	18,909.939 ppb	74.731 %
Concentration per Run 3	69.658 %	94.982 %	3.077 ppb	75,772.880 ppb	30,306.151 ppb	45,688.213 ppb	12,205.785 ppb	19,801.046 ppb	73.500 %
Concentration RSD	1.7 %	1.2 %	2.0 %	3.5 %	4.9 %	5.0 %	3.7 %	4.8 %	1.3 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	86.523 %	1,443.837 ppb	216.630 ppb	188.905 ppb	856.491 ppb	98,712.097 ppb	25.449 ppb	75.241 ppb	135.824 ppb
Concentration per Run 1	87.133 %	1,362.868 ppb	198.346 ppb	174.610 ppb	783.898 ppb	91,728.074 ppb	23.764 ppb	71.486 ppb	130.067 ppb
Concentration per Run 2	85.654 %	1,492.542 ppb	224.142 ppb	194.831 ppb	884.309 ppb	101,670.246 ppb	26.448 ppb	75.306 ppb	140.268 ppb
Concentration per Run 3	86.781 %	1,476.101 ppb	227.403 ppb	197.275 ppb	901.267 ppb	102,737.970 ppb	26.133 ppb	78.932 ppb	137.139 ppb
Concentration RSD	0.9 %	4.9 %	7.3 %	6.6 %	7.4 %	6.2 %	5.8 %	4.9 %	3.8 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	380.946 ppb	79.523 %	35.781 ppb	9.604 ppb	198.045 ppb	37.940 ppb	79.947 %	1.681 ppb	4.498 ppb
Concentration per Run 1	360.589 ppb	78.409 %	34.157 ppb	8.265 ppb	183.293 ppb	35.454 ppb	80.489 %	1.674 ppb	4.226 ppb
Concentration per Run 2	390.067 ppb	80.201 %	37.237 ppb	9.731 ppb	207.121 ppb	38.400 ppb	79.716 %	1.673 ppb	4.769 ppb
Concentration per Run 3	392.182 ppb	79.959 %	35.949 ppb	10.816 ppb	203.721 ppb	39.967 ppb	79.635 %	1.694 ppb	4.498 ppb
Concentration RSD	4.6 %	1.2 %	4.3 %	13.3 %	6.5 %	6.0 %	0.6 %	0.7 %	6.0 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	79.905 %	15.921 ppb	1.878 ppb	97.423 ppb	80.901 %	85.350 %	1.543 ppb	1.060 ppb	169.334 ppb
Concentration per Run 1	78.997 %	14.735 ppb	1.613 ppb	91.262 ppb	78.736 %	83.332 %	1.474 ppb	0.981 ppb	157.652 ppb
Concentration per Run 2	79.603 %	16.426 ppb	1.890 ppb	99.597 ppb	82.010 %	86.284 %	1.602 ppb	1.126 ppb	175.879 ppb
Concentration per Run 3	81.114 %	16.603 ppb	2.130 ppb	101.409 ppb	81.958 %	86.435 %	1.553 ppb	1.072 ppb	174.472 ppb
Concentration RSD	1.4 %	6.5 %	13.8 %	5.6 %	2.3 %	2.0 %	4.2 %	6.9 %	6.0 %

Category	209Bi (KED AGD)
Concentration average	86.335 %
Concentration per Run 1	85.967 %
Concentration per Run 2	85.584 %
Concentration per Run 3	87.454 %
Concentration RSD	1.1 %

3/8/2018 7:23:45 AM

 Analysis index: 156 Analysis started at: 3/7/2018 6:19:03 PM Rack: 2
 Analysis label: L1807187-07D2 A2-6020T User name: ALPHALAB\metals-instrument Vial: 54

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	72.144 %	91.494 %	2.826 ppb	83,949.002 ppb	30,452.673 ppb	42,314.394 ppb	11,817.141 ppb	12,421.459 ppb	76.714 %
Concentration per Run 1	73.219 %	93.770 %	2.682 ppb	77,328.267 ppb	27,860.401 ppb	38,641.756 ppb	10,761.168 ppb	10,973.500 ppb	78.948 %
Concentration per Run 2	71.959 %	91.920 %	2.905 ppb	84,746.685 ppb	30,793.007 ppb	43,057.494 ppb	12,090.854 ppb	13,141.062 ppb	75.950 %
Concentration per Run 3	71.254 %	88.794 %	2.889 ppb	89,772.053 ppb	32,704.609 ppb	45,243.931 ppb	12,599.400 ppb	13,149.814 ppb	75.243 %
Concentration RSD	1.4 %	2.7 %	4.4 %	7.5 %	8.0 %	7.9 %	8.0 %	10.1 %	2.6 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	88.128 %	1,419.136 ppb	204.304 ppb	174.419 ppb	790.636 ppb	92,274.291 ppb	24.393 ppb	72.498 ppb	128.862 ppb
Concentration per Run 1	88.543 %	1,284.336 ppb	188.986 ppb	162.218 ppb	723.464 ppb	85,573.718 ppb	22.539 ppb	67.688 ppb	118.378 ppb
Concentration per Run 2	89.624 %	1,467.096 ppb	211.821 ppb	177.752 ppb	806.151 ppb	93,719.399 ppb	24.736 ppb	72.665 ppb	132.245 ppb
Concentration per Run 3	86.217 %	1,505.975 ppb	212.106 ppb	183.288 ppb	842.294 ppb	97,529.755 ppb	25.905 ppb	77.140 ppb	135.962 ppb
Concentration RSD	2.0 %	8.3 %	6.5 %	6.3 %	7.7 %	6.6 %	7.0 %	6.5 %	7.2 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	365.735 ppb	80.341 %	35.786 ppb	9.822 ppb	180.168 ppb	39.070 ppb	78.992 %	1.563 ppb	4.281 ppb
Concentration per Run 1	338.377 ppb	80.511 %	33.370 ppb	9.143 ppb	165.565 ppb	36.061 ppb	79.379 %	1.487 ppb	4.030 ppb
Concentration per Run 2	376.586 ppb	80.004 %	36.923 ppb	8.912 ppb	183.473 ppb	40.194 ppb	79.375 %	1.572 ppb	4.536 ppb
Concentration per Run 3	382.240 ppb	80.508 %	37.066 ppb	11.411 ppb	191.465 ppb	40.953 ppb	78.223 %	1.631 ppb	4.278 ppb
Concentration RSD	6.5 %	0.4 %	5.9 %	14.1 %	7.4 %	6.7 %	0.8 %	4.6 %	5.9 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	77.961 %	15.282 ppb	1.880 ppb	99.741 ppb	80.196 %	85.719 %	1.475 ppb	1.067 ppb	163.394 ppb
Concentration per Run 1	78.950 %	13.898 ppb	1.586 ppb	91.117 ppb	80.722 %	87.106 %	1.276 ppb	0.971 ppb	149.536 ppb
Concentration per Run 2	77.576 %	15.902 ppb	2.009 ppb	102.335 ppb	80.202 %	84.926 %	1.543 ppb	1.103 ppb	169.014 ppb
Concentration per Run 3	77.356 %	16.048 ppb	2.046 ppb	105.769 ppb	79.666 %	85.125 %	1.607 ppb	1.127 ppb	171.633 ppb
Concentration RSD	1.1 %	7.9 %	13.6 %	7.7 %	0.7 %	1.4 %	11.9 %	7.9 %	7.4 %

Category	209Bi (KED AGD)
Concentration average	86.082 %
Concentration per Run 1	87.000 %
Concentration per Run 2	85.517 %
Concentration per Run 3	85.729 %
Concentration RSD	0.9 %

3/8/2018 7:23:45 AM

 Analysis index: 157 Analysis started at: 3/7/2018 6:22:56 PM Rack: 2
 Analysis label: L1807187-08D2 A2-6020T User name: ALPHALAB\metals-instrument Vial: 55

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	70.030 %	89.942 %	3.431 ppb	61,985.110 ppb	29,838.063 ppb	47,965.623 ppb	12,480.574 ppb	12,740.705 ppb	74.359 %
Concentration per Run 1	70.223 %	86.625 %	3.432 ppb	58,236.880 ppb	28,131.570 ppb	45,069.898 ppb	11,978.900 ppb	11,907.271 ppb	74.571 %
Concentration per Run 2	70.253 %	94.025 %	3.465 ppb	61,084.347 ppb	29,742.719 ppb	47,646.978 ppb	12,302.519 ppb	13,110.709 ppb	74.536 %
Concentration per Run 3	69.613 %	89.177 %	3.397 ppb	66,634.103 ppb	31,639.902 ppb	51,179.993 ppb	13,160.304 ppb	13,204.136 ppb	73.971 %
Concentration RSD	0.5 %	4.2 %	1.0 %	6.9 %	5.9 %	6.4 %	4.9 %	5.7 %	0.5 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	85.513 %	1,615.277 ppb	235.887 ppb	211.843 ppb	921.296 ppb	104,679.356 ppb	29.376 ppb	84.792 ppb	171.439 ppb
Concentration per Run 1	84.152 %	1,494.417 ppb	219.281 ppb	195.228 ppb	846.799 ppb	96,287.744 ppb	28.219 ppb	80.860 ppb	167.310 ppb
Concentration per Run 2	88.285 %	1,618.781 ppb	240.167 ppb	213.219 ppb	933.491 ppb	105,189.081 ppb	29.018 ppb	83.602 ppb	168.966 ppb
Concentration per Run 3	84.103 %	1,732.634 ppb	248.215 ppb	227.081 ppb	983.599 ppb	112,561.242 ppb	30.892 ppb	89.915 ppb	178.042 ppb
Concentration RSD	2.8 %	7.4 %	6.3 %	7.5 %	7.5 %	7.8 %	4.7 %	5.5 %	3.4 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	598.203 ppb	77.864 %	39.379 ppb	12.245 ppb	176.224 ppb	45.325 ppb	79.465 %	2.058 ppb	5.247 ppb
Concentration per Run 1	568.489 ppb	74.016 %	38.089 ppb	11.670 ppb	165.588 ppb	43.608 ppb	78.538 %	1.934 ppb	4.779 ppb
Concentration per Run 2	597.116 ppb	80.474 %	39.298 ppb	11.732 ppb	180.232 ppb	46.787 ppb	79.930 %	2.149 ppb	5.642 ppb
Concentration per Run 3	629.005 ppb	79.102 %	40.751 ppb	13.333 ppb	182.851 ppb	45.580 ppb	79.927 %	2.093 ppb	5.321 ppb
Concentration RSD	5.1 %	4.4 %	3.4 %	7.7 %	5.3 %	3.5 %	1.0 %	5.4 %	8.3 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	77.902 %	18.400 ppb	2.453 ppb	106.819 ppb	79.331 %	82.716 %	1.589 ppb	1.282 ppb	250.229 ppb
Concentration per Run 1	76.120 %	16.911 ppb	2.155 ppb	100.683 ppb	78.344 %	81.163 %	1.480 ppb	1.168 ppb	232.879 ppb
Concentration per Run 2	78.967 %	18.409 ppb	2.564 ppb	108.358 ppb	79.907 %	83.367 %	1.630 ppb	1.310 ppb	257.384 ppb
Concentration per Run 3	78.620 %	19.880 ppb	2.639 ppb	111.415 ppb	79.741 %	83.619 %	1.659 ppb	1.367 ppb	260.426 ppb
Concentration RSD	2.0 %	8.1 %	10.6 %	5.2 %	1.1 %	1.6 %	6.0 %	8.0 %	6.0 %

Category	209Bi (KED AGD)
Concentration average	86.558 %
Concentration per Run 1	85.805 %
Concentration per Run 2	86.285 %
Concentration per Run 3	87.583 %
Concentration RSD	1.1 %

3/8/2018 7:23:45 AM

 Analysis index: 158 Analysis started at: 3/7/2018 6:26:50 PM Rack: 2
 Analysis label: 048-45 SCAN User name: ALPHALAB\metals-instrument Vial: 56

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	73.120 %	90.814 %	0.007 ppb	202.872 ppb	1.690 ppb	3.977 ppb	13.771 ppb	2.819 ppb	70.548 %
Concentration per Run 1	72.886 %	84.775 %	0.004 ppb	244.170 ppb	5.898 ppb	6.178 ppb	7.031 ppb	1.050 ppb	71.408 %
Concentration per Run 2	74.110 %	94.854 %	0.008 ppb	179.992 ppb	-0.738 ppb	2.486 ppb	5.636 ppb	2.257 ppb	71.886 %
Concentration per Run 3	72.363 %	92.813 %	0.008 ppb	184.456 ppb	-0.092 ppb	3.266 ppb	28.646 ppb	5.151 ppb	68.350 %
Concentration RSD	1.2 %	5.9 %	32.5 %	17.7 %	216.6 %	48.9 %	93.7 %	74.8 %	2.7 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	71.701 %	1.582 ppb	0.006 ppb	0.173 ppb	0.092 ppb	49.351 ppb	0.001 ppb	-0.439 ppb	0.060 ppb
Concentration per Run 1	63.317 %	2.054 ppb	0.044 ppb	0.266 ppb	0.186 ppb	52.471 ppb	-0.004 ppb	-0.470 ppb	0.073 ppb
Concentration per Run 2	74.801 %	1.434 ppb	-0.012 ppb	0.147 ppb	-0.022 ppb	56.886 ppb	0.003 ppb	-0.387 ppb	0.003 ppb
Concentration per Run 3	76.986 %	1.258 ppb	-0.012 ppb	0.107 ppb	0.111 ppb	38.695 ppb	0.003 ppb	-0.458 ppb	0.104 ppb
Concentration RSD	10.2 %	26.5 %	511.0 %	47.6 %	115.1 %	19.2 %	480.5 %	10.2 %	85.9 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.285 ppb	84.924 %	0.027 ppb	0.055 ppb	0.007 ppb	0.189 ppb	86.190 %	0.003 ppb	0.000 ppb
Concentration per Run 1	0.248 ppb	77.765 %	-0.004 ppb	0.030 ppb	0.032 ppb	0.170 ppb	79.117 %	0.003 ppb	-0.008 ppb
Concentration per Run 2	0.273 ppb	89.439 %	0.061 ppb	0.128 ppb	0.001 ppb	0.306 ppb	90.785 %	-0.004 ppb	-0.003 ppb
Concentration per Run 3	0.333 ppb	87.568 %	0.023 ppb	0.006 ppb	-0.012 ppb	0.092 ppb	88.667 %	0.011 ppb	0.010 ppb
Concentration RSD	15.3 %	7.4 %	123.0 %	118.0 %	310.3 %	57.2 %	7.2 %	215.6 %	2,759.1 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	82.343 %	-0.004 ppb	0.117 ppb	0.010 ppb	87.219 %	92.875 %	0.554 ppb	-0.001 ppb	0.035 ppb
Concentration per Run 1	74.426 %	-0.056 ppb	0.101 ppb	0.066 ppb	79.567 %	84.575 %	0.333 ppb	-0.001 ppb	0.050 ppb
Concentration per Run 2	87.762 %	0.043 ppb	0.118 ppb	-0.019 ppb	91.153 %	98.057 %	0.446 ppb	-0.002 ppb	0.030 ppb
Concentration per Run 3	84.841 %	0.001 ppb	0.133 ppb	-0.018 ppb	90.938 %	95.993 %	0.884 ppb	-0.001 ppb	0.026 ppb
Concentration RSD	8.5 %	1,268.2 %	13.9 %	501.8 %	7.6 %	7.8 %	52.6 %	39.1 %	36.6 %

Category	209Bi (KED AGD)
Concentration average	85.605 %
Concentration per Run 1	76.304 %
Concentration per Run 2	90.190 %
Concentration per Run 3	90.322 %
Concentration RSD	9.4 %

3/8/2018 7:23:45 AM

 Analysis index: 159 Analysis started at: 3/7/2018 6:30:43 PM Rack: 0
 Analysis label: CCV User name: ALPHALAB\metals-instrument Vial: 9

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	74.600 %	93.132 %	94.824 ppb	10,381.617 ppb	10,328.337 ppb	103.520 ppb	9,639.162 ppb	10,031.897 ppb	82.142 %
Concentration per Run 1	75.353 %	98.554 %	95.184 ppb	9,311.333 ppb	9,143.529 ppb	96.226 ppb	8,434.051 ppb	8,498.015 ppb	81.858 %
Concentration per Run 2	74.826 %	88.029 %	94.896 ppb	10,709.151 ppb	10,506.368 ppb	104.677 ppb	10,113.894 ppb	10,376.878 ppb	82.986 %
Concentration per Run 3	73.619 %	92.813 %	94.391 ppb	11,124.368 ppb	11,335.113 ppb	109.657 ppb	10,369.541 ppb	11,220.799 ppb	81.582 %
Recovery Percentage 1			94.824 %	103.816 %	103.283 %	103.520 %	96.392 %	100.319 %	
Concentration RSD	1.2 %	5.7 %	0.4 %	9.1 %	10.7 %	6.6 %	10.9 %	13.9 %	0.9 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	99.155 %	98.625 ppb	104.413 ppb	108.247 ppb	105.202 ppb	10,545.372 ppb	105.951 ppb	105.169 ppb	102.839 ppb
Concentration per Run 1	99.303 %	82.072 ppb	95.225 ppb	97.232 ppb	93.949 ppb	9,617.891 ppb	96.123 ppb	96.336 ppb	93.965 ppb
Concentration per Run 2	97.850 %	106.841 ppb	105.645 ppb	110.774 ppb	109.794 ppb	10,862.174 ppb	109.493 ppb	110.308 ppb	107.490 ppb
Concentration per Run 3	100.313 %	106.962 ppb	112.369 ppb	116.735 ppb	111.864 ppb	11,156.052 ppb	112.235 ppb	108.864 ppb	107.062 ppb
Recovery Percentage 1		98.625 %	104.413 %	108.247 %	105.202 %	105.454 %	105.951 %	105.169 %	102.839 %
Concentration RSD	1.2 %	14.5 %	8.3 %	9.2 %	9.3 %	7.7 %	8.1 %	7.3 %	7.5 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	99.614 ppb	87.684 %	102.176 ppb	103.455 ppb	99.312 ppb	103.881 ppb	88.890 %	102.977 ppb	100.398 ppb
Concentration per Run 1	88.687 ppb	88.246 %	92.301 ppb	89.302 ppb	85.780 ppb	90.103 ppb	91.903 %	90.838 ppb	86.269 ppb
Concentration per Run 2	103.584 ppb	84.855 %	107.198 ppb	105.888 ppb	103.924 ppb	105.897 ppb	87.618 %	107.839 ppb	105.065 ppb
Concentration per Run 3	106.571 ppb	89.950 %	107.028 ppb	115.175 ppb	108.233 ppb	115.643 ppb	87.148 %	110.253 ppb	109.861 ppb
Recovery Percentage 1	99.614 %		102.176 %	103.455 %	99.312 %	103.881 %		102.977 %	100.398 %
Concentration RSD	9.6 %	3.0 %	8.4 %	12.7 %	12.0 %	12.4 %	2.9 %	10.3 %	12.4 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	87.216 %	99.739 ppb	94.696 ppb	104.603 ppb	89.889 %	95.334 %	100.425 ppb	99.120 ppb	97.573 ppb
Concentration per Run 1	90.631 %	84.963 ppb	81.126 ppb	95.021 ppb	84.963 ppb	99.754 %	87.800 ppb	90.977 ppb	86.338 ppb
Concentration per Run 2	83.964 %	102.726 ppb	97.782 ppb	107.104 ppb	85.863 %	90.755 %	104.782 ppb	100.962 ppb	100.564 ppb
Concentration per Run 3	87.052 %	111.528 ppb	105.179 ppb	111.685 ppb	91.037 %	95.493 %	108.692 ppb	105.421 ppb	105.816 ppb
Recovery Percentage 1		99.739 %	94.696 %	104.603 %			100.425 %	99.120 %	97.573 %
Concentration RSD	3.8 %	13.6 %	13.0 %	8.2 %	4.0 %	4.7 %	11.1 %	7.5 %	10.3 %

Category	209Bi (KED AGD)
Concentration average	93.822 %
Concentration per Run 1	97.278 %
Concentration per Run 2	89.841 %
Concentration per Run 3	94.348 %
Recovery Percentage 1	
Concentration RSD	4.0 %

3/8/2018 7:23:45 AM

 Analysis index: 160 Analysis started at: 3/7/2018 6:34:39 PM Rack: 0
 Analysis label: CCB User name: ALPHALAB\metals-instrument Vial: 10

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	76.031 %	93.897 %	0.011 ppb	75.284 ppb	0.250 ppb	0.495 ppb	-2.107 ppb	-3.204 ppb	77.692 %
Concentration per Run 1	76.209 %	98.044 %	0.010 ppb	54.255 ppb	1.623 ppb	0.789 ppb	-1.734 ppb	-9.997 ppb	78.444 %
Concentration per Run 2	76.636 %	88.539 %	0.010 ppb	88.196 ppb	-0.738 ppb	-0.024 ppb	0.437 ppb	3.107 ppb	77.722 %
Concentration per Run 3	75.249 %	95.109 %	0.013 ppb	83.401 ppb	-0.136 ppb	0.720 ppb	-5.024 ppb	-2.721 ppb	76.910 %
Recovery Percentage 1			2.216 %	75.284 %	0.250 %	4.952 %	-2.107 %	-3.204 %	
Concentration RSD	0.9 %	5.2 %	15.7 %	24.4 %	491.6 %	91.0 %	130.5 %	205.0 %	1.0 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	86.195 %	0.171 ppb	0.010 ppb	0.033 ppb	-0.005 ppb	24.139 ppb	0.017 ppb	0.087 ppb	0.040 ppb
Concentration per Run 1	88.332 %	0.119 ppb	0.009 ppb	0.063 ppb	-0.028 ppb	28.684 ppb	0.016 ppb	0.120 ppb	0.029 ppb
Concentration per Run 2	82.226 %	0.140 ppb	0.033 ppb	0.047 ppb	0.042 ppb	17.265 ppb	0.025 ppb	0.117 ppb	0.024 ppb
Concentration per Run 3	88.026 %	0.255 ppb	-0.012 ppb	-0.011 ppb	-0.028 ppb	26.466 ppb	0.009 ppb	0.024 ppb	0.068 ppb
Recovery Percentage 1		34.271 %	0.199 %	3.271 %	-0.454 %	48.277 %	3.347 %	4.365 %	4.045 %
Concentration RSD	4.0 %	42.6 %	230.8 %	119.0 %	894.8 %	25.1 %	45.8 %	62.5 %	59.3 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.153 ppb	84.486 %	0.110 ppb	0.168 ppb	0.021 ppb	0.390 ppb	87.531 %	0.055 ppb	0.003 ppb
Concentration per Run 1	0.093 ppb	85.413 %	0.146 ppb	0.337 ppb	0.019 ppb	0.215 ppb	90.561 %	0.054 ppb	-0.003 ppb
Concentration per Run 2	0.188 ppb	80.566 %	0.054 ppb	0.161 ppb	0.026 ppb	0.525 ppb	84.527 %	0.043 ppb	0.015 ppb
Concentration per Run 3	0.177 ppb	87.478 %	0.129 ppb	0.006 ppb	0.019 ppb	0.429 ppb	87.504 %	0.069 ppb	-0.003 ppb
Recovery Percentage 1	1.526 %		21.909 %	3.360 %	4.235 %	19.479 %		13.745 %	1.426 %
Concentration RSD	33.9 %	4.2 %	44.7 %	98.4 %	19.4 %	40.8 %	3.4 %	23.8 %	377.7 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	86.360 %	3.903 ppb	2.357 ppb	0.573 ppb	87.672 %	93.843 %	0.906 ppb	0.031 ppb	0.021 ppb
Concentration per Run 1	89.122 %	3.589 ppb	2.032 ppb	0.444 ppb	90.427 %	96.691 %	0.773 ppb	0.031 ppb	0.015 ppb
Concentration per Run 2	82.328 %	4.128 ppb	2.546 ppb	0.634 ppb	83.677 %	89.725 %	0.950 ppb	0.030 ppb	0.031 ppb
Concentration per Run 3	87.629 %	3.991 ppb	2.494 ppb	0.641 ppb	88.913 %	95.114 %	0.994 ppb	0.033 ppb	0.016 ppb
Recovery Percentage 1		130.084 %	58.929 %	114.594 %			45.290 %	6.239 %	4.200 %
Concentration RSD	4.1 %	7.2 %	12.0 %	19.5 %	4.0 %	3.9 %	13.0 %	5.1 %	42.5 %

Category	209Bi (KED AGD)
Concentration average	91.458 %
Concentration per Run 1	94.181 %
Concentration per Run 2	86.879 %
Concentration per Run 3	93.313 %
Recovery Percentage 1	
Concentration RSD	4.4 %

3/8/2018 7:23:45 AM

 Analysis index: 161 Analysis started at: 3/7/2018 6:38:35 PM Rack: 0
 Analysis label: CCV User name: ALPHALAB\metals-instrument Vial: 9

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	75.822 %	95.067 %	101.266 ppb	10,561.541 ppb	10,493.005 ppb	105.718 ppb	9,772.893 ppb	10,019.806 ppb	82.978 %
Concentration per Run 1	76.691 %	100.723 %	103.401 ppb	9,852.626 ppb	9,477.483 ppb	97.585 ppb	8,616.678 ppb	8,689.780 ppb	83.296 %
Concentration per Run 2	74.859 %	91.282 %	99.731 ppb	11,084.931 ppb	11,120.117 ppb	113.368 ppb	10,596.452 ppb	11,127.097 ppb	82.179 %
Concentration per Run 3	75.917 %	93.196 %	100.665 ppb	10,747.067 ppb	10,881.415 ppb	106.201 ppb	10,105.549 ppb	10,242.540 ppb	83.461 %
Recovery Percentage 1			101.266 %	105.615 %	104.930 %	105.718 %	97.729 %	100.198 %	
Concentration RSD	1.2 %	5.2 %	1.9 %	6.0 %	8.5 %	7.5 %	10.5 %	12.3 %	0.8 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	100.087 %	100.097 ppb	108.459 ppb	110.129 ppb	107.106 ppb	10,750.334 ppb	106.800 ppb	104.707 ppb	103.048 ppb
Concentration per Run 1	98.316 %	85.588 ppb	102.964 ppb	103.040 ppb	99.743 ppb	9,983.503 ppb	100.211 ppb	96.676 ppb	95.045 ppb
Concentration per Run 2	102.592 %	107.381 ppb	110.889 ppb	113.402 ppb	108.777 ppb	11,033.012 ppb	108.035 ppb	108.949 ppb	105.523 ppb
Concentration per Run 3	99.352 %	107.323 ppb	111.526 ppb	113.944 ppb	112.798 ppb	11,234.487 ppb	112.153 ppb	108.494 ppb	108.576 ppb
Recovery Percentage 1		100.097 %	108.459 %	110.129 %	107.106 %	107.503 %	106.800 %	104.707 %	103.048 %
Concentration RSD	2.2 %	12.6 %	4.4 %	5.6 %	6.2 %	6.2 %	5.7 %	6.6 %	6.9 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	99.809 ppb	89.699 %	100.921 ppb	101.832 ppb	98.098 ppb	102.577 ppb	89.504 %	102.399 ppb	101.779 ppb
Concentration per Run 1	92.035 ppb	90.166 %	92.128 ppb	98.061 ppb	89.461 ppb	93.035 ppb	92.832 %	93.648 ppb	91.167 ppb
Concentration per Run 2	102.889 ppb	90.991 %	104.593 ppb	105.374 ppb	103.254 ppb	106.755 ppb	90.212 %	105.325 ppb	105.621 ppb
Concentration per Run 3	104.503 ppb	87.939 %	106.042 ppb	102.062 ppb	101.579 ppb	107.942 ppb	85.468 %	108.226 ppb	108.549 ppb
Recovery Percentage 1	99.809 %		100.921 %	101.832 %	98.098 %	102.577 %		102.399 %	101.779 %
Concentration RSD	6.8 %	1.8 %	7.6 %	3.6 %	7.7 %	8.1 %	4.2 %	7.5 %	9.1 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	87.608 %	101.043 ppb	102.240 ppb	103.686 ppb	91.307 %	97.942 %	100.060 ppb	99.241 ppb	97.476 ppb
Concentration per Run 1	90.933 %	89.348 ppb	91.554 ppb	94.468 ppb	93.714 %	101.578 %	88.624 ppb	91.049 ppb	87.396 ppb
Concentration per Run 2	89.639 %	103.064 ppb	104.423 ppb	106.767 ppb	92.442 %	100.399 %	101.798 ppb	102.371 ppb	101.802 ppb
Concentration per Run 3	82.252 %	110.717 ppb	110.744 ppb	109.823 ppb	87.765 %	91.849 %	109.759 ppb	104.303 ppb	103.230 ppb
Recovery Percentage 1		101.043 %	102.240 %	103.686 %			100.060 %	99.241 %	97.476 %
Concentration RSD	5.3 %	10.7 %	9.6 %	7.8 %	3.4 %	5.4 %	10.7 %	7.2 %	9.0 %

Category	209Bi (KED AGD)
Concentration average	94.701 %
Concentration per Run 1	97.418 %
Concentration per Run 2	95.775 %
Concentration per Run 3	90.909 %
Recovery Percentage 1	
Concentration RSD	3.6 %

3/8/2018 7:23:45 AM

 Analysis index: 162 Analysis started at: 3/7/2018 6:42:30 PM Rack: 4
 Analysis label: LLCCV User name: ALPHALAB\metals-instrument Vial: 51

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	79.033 %	95.513 %	0.320 ppb	174.649 ppb	83.008 ppb	13.456 ppb	109.325 ppb	108.674 ppb	79.345 %
Concentration per Run 1	78.443 %	97.278 %	0.321 ppb	169.900 ppb	77.601 ppb	9.877 ppb	99.575 ppb	111.073 ppb	78.776 %
Concentration per Run 2	79.330 %	97.852 %	0.306 ppb	164.513 ppb	87.589 ppb	16.331 ppb	108.399 ppb	106.850 ppb	79.505 %
Concentration per Run 3	79.326 %	91.410 %	0.334 ppb	189.534 ppb	83.834 ppb	14.159 ppb	119.999 ppb	108.100 ppb	79.753 %
Recovery Percentage 1			106.781 %	174.649 %	118.583 %	134.556 %	109.325 %	108.674 %	
Concentration RSD	0.6 %	3.7 %	4.3 %	7.5 %	6.1 %	24.4 %	9.4 %	2.0 %	0.6 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	88.419 %	0.613 ppb	5.901 ppb	0.771 ppb	1.297 ppb	87.453 ppb	0.603 ppb	1.667 ppb	1.066 ppb
Concentration per Run 1	86.523 %	0.417 ppb	4.935 ppb	0.702 ppb	1.159 ppb	75.918 ppb	0.531 ppb	1.675 ppb	0.918 ppb
Concentration per Run 2	93.030 %	0.735 ppb	6.926 ppb	0.706 ppb	1.508 ppb	76.476 ppb	0.612 ppb	1.663 ppb	1.314 ppb
Concentration per Run 3	85.703 %	0.688 ppb	5.842 ppb	0.903 ppb	1.224 ppb	109.965 ppb	0.664 ppb	1.663 ppb	0.964 ppb
Recovery Percentage 1		122.635 %	118.020 %	154.108 %	129.703 %	174.906 %	120.508 %	83.349 %	106.556 %
Concentration RSD	4.5 %	27.9 %	16.9 %	14.9 %	14.3 %	22.3 %	11.1 %	0.4 %	20.3 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	11.558 ppb	89.962 %	0.665 ppb	6.425 ppb	0.578 ppb	2.487 ppb	90.550 %	0.522 ppb	0.221 ppb
Concentration per Run 1	10.415 ppb	91.685 %	0.618 ppb	6.007 ppb	0.483 ppb	2.103 ppb	93.340 %	0.458 ppb	0.212 ppb
Concentration per Run 2	11.835 ppb	91.663 %	0.721 ppb	7.029 ppb	0.639 ppb	2.694 ppb	89.719 %	0.540 ppb	0.224 ppb
Concentration per Run 3	12.424 ppb	86.539 %	0.655 ppb	6.240 ppb	0.613 ppb	2.666 ppb	88.590 %	0.567 ppb	0.227 ppb
Recovery Percentage 1	115.579 %		132.910 %	128.510 %	115.612 %	124.375 %		130.431 %	110.587 %
Concentration RSD	8.9 %	3.3 %	7.8 %	8.3 %	14.5 %	13.4 %	2.7 %	10.9 %	3.4 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	88.193 %	7.007 ppb	7.530 ppb	0.529 ppb	89.371 %	95.010 %	2.878 ppb	0.556 ppb	0.524 ppb
Concentration per Run 1	91.106 %	6.111 ppb	7.003 ppb	0.413 ppb	91.479 %	98.230 %	2.512 ppb	0.502 ppb	0.475 ppb
Concentration per Run 2	88.379 %	7.498 ppb	7.582 ppb	0.634 ppb	89.980 %	97.164 %	2.986 ppb	0.579 ppb	0.539 ppb
Concentration per Run 3	85.092 %	7.414 ppb	8.006 ppb	0.539 ppb	86.654 %	89.637 %	3.136 ppb	0.587 ppb	0.559 ppb
Recovery Percentage 1		233.579 %	188.259 %	105.729 %			143.881 %	111.180 %	104.822 %
Concentration RSD	3.4 %	11.1 %	6.7 %	20.9 %	2.8 %	4.9 %	11.3 %	8.5 %	8.4 %

Category	209Bi (KED AGD)
Concentration average	94.140 %
Concentration per Run 1	95.799 %
Concentration per Run 2	96.439 %
Concentration per Run 3	90.181 %
Recovery Percentage 1	
Concentration RSD	3.7 %

3/8/2018 7:23:45 AM

 Analysis index: 163 Analysis started at: 3/7/2018 6:46:27 PM Rack: 0
 Analysis label: CCB User name: ALPHALAB\metals-instrument Vial: 10

Category	6Li (STD AGD)	6Li (KED AGD)	9Be (STD AGD)	23Na (KED AGD)	24Mg (KED AGD)	27Al (KED AGD)	39K (KED AGD)	44Ca (KED AGD)	45Sc (STD AGD)
Concentration average	79.531 %	97.618 %	0.006 ppb	45.809 ppb	0.425 ppb	0.867 ppb	8.880 ppb	-0.492 ppb	80.950 %
Concentration per Run 1	79.951 %	100.149 %	0.005 ppb	26.916 ppb	-0.168 ppb	0.906 ppb	12.822 ppb	-7.909 ppb	81.488 %
Concentration per Run 2	78.728 %	98.426 %	0.005 ppb	47.701 ppb	-0.159 ppb	0.942 ppb	-0.730 ppb	3.972 ppb	79.322 %
Concentration per Run 3	79.914 %	94.280 %	0.009 ppb	62.811 ppb	1.601 ppb	0.752 ppb	14.546 ppb	2.461 ppb	82.038 %
Recovery Percentage 1			1.289 %	45.809 %	0.425 %	8.667 %	8.880 %	-0.492 %	
Concentration RSD	0.9 %	3.1 %	32.5 %	39.3 %	239.9 %	11.7 %	94.2 %	1,314.5 %	1.8 %

Category	45Sc (KED AGD)	48Ti (KED AGD)	51V (KED AGD)	52Cr (KED AGD)	55Mn (KED AGD)	57Fe (KED AGD)	59Co (KED AGD)	60Ni (KED AGD)	65Cu (KED AGD)
Concentration average	93.218 %	-0.075 ppb	-0.012 ppb	0.063 ppb	0.008 ppb	14.022 ppb	0.002 ppb	-0.049 ppb	-0.014 ppb
Concentration per Run 1	93.171 %	-0.091 ppb	-0.012 ppb	0.080 ppb	0.085 ppb	13.741 ppb	-0.004 ppb	-0.046 ppb	-0.007 ppb
Concentration per Run 2	91.902 %	0.001 ppb	-0.012 ppb	0.066 ppb	-0.001 ppb	6.984 ppb	0.003 ppb	0.027 ppb	-0.018 ppb
Concentration per Run 3	94.581 %	-0.134 ppb	-0.012 ppb	0.043 ppb	-0.060 ppb	21.342 ppb	0.009 ppb	-0.127 ppb	-0.018 ppb
Recovery Percentage 1		-14.997 %	-0.249 %	6.297 %	0.789 %	28.044 %	0.496 %	-2.452 %	-1.406 %
Concentration RSD	1.4 %	92.1 %	0.0 %	29.1 %	924.8 %	51.2 %	255.3 %	157.3 %	46.5 %

Category	66Zn (KED AGD)	74Ge (KED AGD)	75As (KED AGD)	78Se (KED AGD)	88Sr (KED AGD)	95Mo (KED AGD)	103Rh (KED AGD)	107Ag (KED AGD)	111Cd (KED AGD)
Concentration average	0.035 ppb	89.963 %	0.022 ppb	0.168 ppb	0.012 ppb	0.148 ppb	91.432 %	0.023 ppb	0.001 ppb
Concentration per Run 1	-0.010 ppb	91.461 %	0.009 ppb	0.120 ppb	0.034 ppb	0.086 ppb	93.702 %	0.020 ppb	-0.004 ppb
Concentration per Run 2	0.016 ppb	89.664 %	0.048 ppb	0.002 ppb	0.016 ppb	0.089 ppb	90.531 %	0.026 ppb	0.009 ppb
Concentration per Run 3	0.098 ppb	88.766 %	0.009 ppb	0.384 ppb	-0.013 ppb	0.268 ppb	90.062 %	0.023 ppb	-0.003 ppb
Recovery Percentage 1	0.345 %		4.393 %	3.369 %	2.485 %	7.381 %		5.743 %	0.402 %
Concentration RSD	162.8 %	1.5 %	102.6 %	116.1 %	190.7 %	70.4 %	2.2 %	13.5 %	923.4 %

Category	115In (KED AGD)	118Sn (KED AGD)	121Sb (KED AGD)	137Ba (KED AGD)	159Tb (KED AGD)	175Lu (KED AGD)	183W (KED AGD)	205Tl (KED AGD)	208Pb (KED AGD)
Concentration average	90.037 %	1.717 ppb	0.799 ppb	0.638 ppb	90.859 %	97.734 %	0.270 ppb	0.012 ppb	-0.001 ppb
Concentration per Run 1	92.375 %	1.328 ppb	0.614 ppb	0.767 ppb	92.527 %	99.254 %	0.206 ppb	0.010 ppb	-0.002 ppb
Concentration per Run 2	89.034 %	1.692 ppb	0.874 ppb	0.675 ppb	90.670 %	97.097 %	0.247 ppb	0.011 ppb	0.001 ppb
Concentration per Run 3	88.704 %	2.131 ppb	0.909 ppb	0.471 ppb	89.381 %	96.850 %	0.356 ppb	0.016 ppb	-0.001 ppb
Recovery Percentage 1		57.223 %	19.986 %	127.579 %			13.488 %	2.493 %	-0.165 %
Concentration RSD	2.3 %	23.4 %	20.2 %	23.7 %	1.7 %	1.4 %	28.7 %	28.3 %	146.8 %

Category	209Bi (KED AGD)
Concentration average	97.255 %
Concentration per Run 1	98.618 %
Concentration per Run 2	98.829 %
Concentration per Run 3	94.318 %
Recovery Percentage 1	
Concentration RSD	2.6 %

Alpha ICPMSQ2 Ful

3/8/2018 7:23:45 AM



Analysis index:	164	Analysis started at:	3/7/2018 6:50:23 PM	Rack:	0
Analysis label:	Rinse	User name:	ALPHALAB\metals-instrument	Vial:	1

Alpha ICPMSQ2 Ful

3/8/2018 7:23:45 AM



Analysis index: 165 Analysis started at: 3/7/2018 6:54:15 PM Rack: 0
Analysis label: Rinse User name: ALPHALAB\metals-instrument Vial: 1

Sample Preparation





METALS ELN REPORT

Workgroup: WG1094297

Digestion

Prep Method	Acid Type 1	Acid 1 Lot	Acid Type 2	Acid 2 Lot	Spike Type	Lims Spike Lot	Spike Lot	Post Spike Spikelot	Spike Lot	Pipette Id
EPA 3005A	HNO3	C799058	HCl	C800677	METALS	METSPIKE2	IPS,FPS,MIXMETPSMS	IPS,FPS,MIX142		

Additional Reagent/Std

Sample/Type	Digestion Date	Analyst	Sample Vol ml	Ph	Spike Amt ml	Start Date/Time	Hot Block Unit	Temperature (C)	Stop Date/Time	Final Vol	Spl Extract Date	Comments
L1806872-01 SOIL	03/03/18 17:00	Alp Demiroz	50	<2		03/03/18 17:00	2039	50	03/03/18 17:32	50	03/01/18 17:42	
L1806872-02 SOIL	03/03/18 17:00	Alp Demiroz	50	<2		03/03/18 17:00	2039	50	03/03/18 17:32	50	03/01/18 17:42	
L1806872-03 SOIL	03/03/18 17:00	Alp Demiroz	50	<2		03/03/18 17:00	2039	50	03/03/18 17:32	50	03/01/18 17:42	
L1806872-04 SOIL	03/03/18 17:00	Alp Demiroz	50	<2		03/03/18 17:00	2039	50	03/03/18 17:32	50	03/01/18 17:42	
L1806872-05 SOIL	03/03/18 17:00	Alp Demiroz	50	<2		03/03/18 17:00	2039	50	03/03/18 17:32	50	03/01/18 17:42	
L1806872-06 SOIL	03/03/18 17:00	Alp Demiroz	50	<2		03/03/18 17:00	2039	50	03/03/18 17:32	50	03/01/18 17:42	
L1806872-07 SOIL	03/03/18 17:00	Alp Demiroz	50	<2		03/03/18 17:00	2039	50	03/03/18 17:32	50	03/01/18 17:42	
L1806872-08 SOIL	03/03/18 17:00	Alp Demiroz	50	<2		03/03/18 17:00	2039	50	03/03/18 17:32	50	03/01/18 17:42	
L1806872-09 SOIL	03/03/18 17:00	Alp Demiroz	50	<2		03/03/18 17:00	2039	50	03/03/18 17:32	50	03/01/18 17:42	
L1806872-10 SOIL	03/03/18 17:00	Alp Demiroz	50	<2		03/03/18 17:00	2039	50	03/03/18 17:32	50	03/01/18 17:42	
L1806872-11 SOIL	03/03/18 17:00	Alp Demiroz	50	<2		03/03/18 17:00	2039	50	03/03/18 17:32	50	03/01/18 17:42	
L1806872-12 SOIL	03/03/18 17:00	Alp Demiroz	50	<2		03/03/18 17:00	2039	50	03/03/18 17:32	50	03/01/18 17:42	
WG1094297-1 BLANK	03/03/18 17:00	Alp Demiroz	50	<2		03/03/18 17:00	2039	50	03/03/18 17:32	50	03/01/18 17:42	IPS180502112 OKA; FPS180502105 OKA; MIX180822131 5AD



METALS ELN REPORT

Workgroup: WG1094297

Sample/ Type	Digestion Date	Analyst	Sample Vol	Ph	Spike Amt ml	Start Date/Time	Hot Block Unit	Temperatur e (C)	Stop Date/Time	Final Vol	Spl Extract Date	Comments
WG1094297- 2 LCS	03/03/18 17:00	Alp Demiroz	50	<2	.5	03/03/18 17:00	2039	50	03/03/18 17:32	50	03/01/18 17:42	

Reagent	Actual Volume	Units
1:1 Hydrochloric Acid (H	.5	ml
1:1 Nitric Acid (HNO3)	1	ml

Sample Number	Date	Time	Initials	Amount (g)	DI Vol. (mL)	pH (i)	1N HCL Vol (mL)	1N HCL Lot #	pH (f)	Fluid Number	Comments
L1806996-01	3/1/18	02:01	TW	5.0	98.5	7.5	3.5mL	H1L02201F	<5	1	
-02											
-03											
-04											
L1805098-02									>5	2	
-03									>5	1	
-08									>5	2	
-09									>5	2	
-23									>5	2	
-24									<5	1	
-25									>5	2	
L1806568-02									<5	1	
L1806669-01											
L1806446-01											
-02											
-03											
L1806778-01											
L1806832-01											
-02											
-03											
-04											

Page Scanned and Saved to TCLPEXT -> TCLPFLUID Folder

Initials: TW
 Date: 3/1/18

Sample Number	Date	Time	Initials	Amount (g)	DI Vol. (mL)	pH (f)	1N HCL Vol (mL)	1N HCL Lot #	pH (f)	Fluid Number	Comments
LI806832-05	3/1/08	02:01	TW	5.0	96.5	>5	3.5mL	HL022012	<5	1	
-06	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
-07	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
-08	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
-09	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
-10	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
-11	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
-12	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
LI807015-01	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	

Page Scanned and Saved to TCLPEXT -> TCLPFLUID Folder

Initials: TW
 Date: 3/1/08

Wgs: 1493318 F21093351

TCLP Fluid Lot #: <u>FITCLP0227-08/10mL/Pos38</u>	1:1 HNO ₃ Lot#: <u>1440302007</u>	Temp (°C) Max: <u>25.9</u> Min: <u>22.9</u>	Unit ID#: <u>2</u>	TCLP Fluid ID (circle one) <input checked="" type="radio"/> <input type="radio"/> DI
Prep Date: <u>1-27-18/1-27-18</u>	pH on Date Used: <u>4.91/2.93</u>	Acceptable Temp Range: 21°-27°C		

Organic	Initials	Wet Chem	Sample Number	Amt. (g)	Fluid Vol (mL)	Tumbler ID	Date On	Time On	Temp. C° On	Initials	Date Off	Time Off	Temp. C° Off	Initials	pH	1:1 HNO ₃ (prepped)	Filter Initials	Comments
	X		Method Blank PSC	—	2000	2	3/1/18	05:07	23.7	TW	3/1/18	20:05	23.6	EYA	4.92	2.5mL	TW	
			Fluid 1 Blank	—											3.28			
			L1806986 - 01	100											4.91			Blank
			-02												4.96			
			-03												4.94			
			-04												4.91			
			L1805059 - 02												4.90			
			-03												4.85			Fluid 2
			-08												4.90			
			-09												5.42			Fluid 2
			-23												5.00			
			-24												4.93			
			-35												4.79			Fluid 2
			L1906877 - 01												5.60			
			-02												6.45			
			-03												6.96			
			-04												5.79			
			-05												6.82			

Page Scanned and Saved to TCLPEXT -> TCLPEXT Folder

Initials: TW
 Date: 3/2/18

Wgt: 109.3318

TCLP Fluid Lot #: E192LP022718B 1:1 HNO₃ Unit ID# 266 TCLP Fluid ID (circle one) #2 #1
 Prep Date: 3-13-18 pH on Date Used: 4.91 Lot#: 14603022002 Max: 23.5 Min: 22.5
 Acceptable Temp Range: 21°-27°C

Sample Type (Check Column)			Sample Number	Amt. (g)	Fluorid. (M)	Tumbler ID	Date On	Time On	Temp. C° On	Initials	Date Off	Time Off	Temp. C° Off	Initials	pH	1:1 HNO ₃ (mL)	Filter Initials	Comments
Organic	Metals	Wet Chem																
	<input checked="" type="checkbox"/>		Method Blank/PSC	✓	2000	6	3/13/18	05:08	23.4	TW	3/13/18	21:08	23.6	CTA	4.92	2.5mL	TW	
			L1806572-06	100											6.40			Flush
			-04												5.35			
			-07												6.21			
			-09												6.46			
			-10												5.48			
			-11												6.20			
			-12	✓	✓										6.19			✓
			L1806568-02	32	400										4.91			
			L1806664-01	100	2000										4.89			
			L1806666-01												5.15			
			-02												5.17			
			-03												5.58			
			L1806778-01	20	400										5.00			
			L1807015-01	100	3000										4.95			
			3/13/18 TW															

Page Scanned and Saved to TCLPEXT -> TCLPEXT Folder

Initials: TW
 Date: 3/13/18

WGA: 1093528

SPLP Fluid Lot #: <u>SPLP0227873</u>	1:1 HNO3	Temp(°C)	Unit ID: <u>257</u>	SPLP Fluid ID
prep. date: <u>02-27-18</u> pH: <u>4.21</u>	Lot#: <u>HT403022018</u>	Max: <u>23.9</u>	Min: <u>22.6</u>	(circle one) <u>(#1)</u> DI

Sample Type (Check Column)			Sample Number	Amt. (g)	SPLP Fluid Vol. (mL)	Tumbler ID.	Date On	Time On	Temp. C° On	Initials	Date Off	Time Off	Temp. C° Off	Initials	pH	1:1 HNO3 (mL)	Filter Initials	Comments
Organic Metals	Wet Chem																	
X	X		PBSP (Prep Blank SPLP)	-	2000	13	3/1/18	17:42	23.6	EYA	3/1/18	09:42	23.3	LF	4.65	2.5ml	LF	Don't know what was there before filtering
			L1806872-01	100											10.24			
			-02												10.57			
			-03												10.42			
			-04												9.71			
			-05												10.20			
			-06												10.28			
			-07												9.67			
			-08												9.87			
			-09												10.84			
			-10												9.96			
			-11												9.59			
			-12			5									10.17			
			L1806936-01												10.50			
			L1805999-01												10.12			

Page Scanned and Saved to TCLPEXT -> SPLPEXT Folder

Initials: _____
 Date: _____

True Values

**Interference Check Solutions
(ICP-MS)**

Solution Component	Solution A Concentration (ug/L)	Solution AB Concentration (ug/L)
Al	20,000	20,000
Ca	60,000	60,000
Fe	50,000	50,000
Mg	20,000	20,000
Na	50,000	50,000
K	20,000	20,000
Mo	400	400
As	0.0	20
Cd	0.0	20
Cr	0.0	40
Co	0.0	40
Cu	0.0	40
Mn	0.0	40
Ni	0.0	40
Se	0.0	20
Ag	0.0	10
V	0.0	40
Zn	0.0	20

**LCS & MS Concentrations
(ICP-MS)**

Element	Liquid Concentration (mg/L)
Aluminum	2.00
Antimony	0.5
Arsenic	0.12
Barium	2.00
Beryllium	0.05
Cadmium	0.051
Calcium	10.0
Chromium	0.20
Cobalt	0.50
Copper	0.25
Iron	1.00
Lead	0.51
Magnesium	10.0
Manganese	0.50
Molybdenum	1.00
Nickel	0.50
Potassium	10.0
Selenium	0.12
Silver	0.05
Sodium	10.0
Thallium	0.12
Vanadium	0.50
Zinc	0.50

• Certificate of Analysis •

Product: Metals in Soil
Catalog Number: 620
Lot No.: D093-542
Cert. Issue Date: June 29, 2015
Expiration Date: October 31, 2019
Revision Number: 2.0
Revision Date: May 29, 2017

Analytical values are included as part of the certification and are reported separately from the Certificate of Analysis. Please refer to the product web resources for catalog details for 620-542.

Convert to %

Certified Value

Reference Value

Parameter	Certified Value ¹	Reference Value ²	Uncertainty ³	QC Performance Acceptance Limits ⁴	PJ Performance Acceptance Limits ⁵
	mg/kg	mg/kg		%	mg/kg
Aluminum	56700	8770	2.68	4780 - 12800	3500 - 12500
Antimony	245	117	3.49	21 - 235	24.5 - 295
Arsenic	31.5	29.5	47.6	20.8 - 38.5	18.3 - 57.9
Barium	213	195	5.95	164 - 230	145 - 251
Baryum	87.5	82.0	5.26	76.3 - 105	68.5 - 115
Bismuth	147	120	4.08	87.8 - 150	72.0 - 168
Cadmium	76.5	71.5	5.50	59.4 - 80.5	52.5 - 140.5
Calcium	12400	6310	0.498	4200 - 2400	4400 - 2960
Chromium	102	102	5.10	81.7 - 122	70.8 - 133
Cobalt	54.2	51.2	5.25	43.2 - 59.5	39.2 - 64.6
Copper	164	153	8.22	125 - 180	115 - 190
Iron	29500	15000	5.38	7170 - 20200	5500 - 24700
Lead	155	130	8.13	114 - 163	104 - 176
Magnesium	4550	2760	1.81	2120 - 5410	1790 - 3730
Manganese	475	270	6.15	200 - 290	109 - 340
Molybdenum	6.55	6.55	3.02	4.80 - 8.53	3.41 - 9.01
Nickel	45.0	39.1	6.35	30.8 - 47.3	26.0 - 50.9
Vanadium	144	129	5.50	107 - 151	94.0 - 164
Potassium	29200	2420	3.22	1720 - 3110	1480 - 3370
Selenium	87.0	62.6	5.60	47.4 - 73.9	38.8 - 84.5
Silver	38.0	35.2	8.26	27.6 - 45.2	23.9 - 48.9
Sodium	14400	819	7.50	588 - 1050	475 - 1160
Strontium	254	88.4	7.51	72.0 - 105	62.1 - 115

• Certificate of Analysis •

Parameter	Certified Value ¹	Reference Value ²	Uncertainty ³	GC Performance Acceptance Limits ⁴	PT Performance Acceptance Limits ⁴
	mg/kg	mg/kg	%	mg/kg	mg/kg
Lead	111	101	7.96	90.0 - 122	67.6 - 134
Tin	95.4	85.8	6.45	56.3 - 105	47.4 - 124
Tungsten	2540	477	4.50	155 - 500	157 - 791
Lithium	631	601	3.32	42.5 - 711	319 - 884
Vanadium	180	81.1	11.1	61.5 - 991	53.4 - 110
Zinc	247	220	6.15	185 - 261	157 - 289

ANALYTICAL VERIFICATION

Parameter	Certified Value ¹	Proficiency Testing Study			NIST Traceability	
		Mean	Recovery ²	n	SRM Number	Recovery ³
Aluminum	59700	8770	88.2	152	-	-
Antimony	246	117	47.8	103	-	-
Arsenic	31.5	29.6	96.4	191	-	-
Barium	813	198	90.8	181	-	-
Beryllium	97.5	92.0	95.5	172	-	-
Boron	147	170	79.3	115	-	-
Cadmium	76.3	71.5	93.7	188	-	-
Calcium	12700	6310	68.3	139	-	-
Chromium	139	147	91.8	185	-	-
Cobalt	54.2	51.4	96.9	170	-	-
Copper	164	153	91.8	183	-	-
Iron	23800	15200	93.2	151	-	-
Lead	155	157	95.0	202	-	-
Magnesium	4550	2760	91.7	144	-	-
Manganese	475	275	95.0	172	-	-
Mercury	6.05	6.86	100	129	-	-
Molybdenum	45.9	39.1	98.6	171	-	-
Nickel	144	129	91.6	192	-	-
Potassium	26200	2420	91.8	143	-	-

• Certificate of Analysis •

Parameter	Certified Value ¹	Proficiency Testing Study			NIST Traceability	
		Mean	Recovery ²	n	SRM Number	Recovery
	mg/kg	mg/kg	%			%
Asbestos	610	606	99.3	131	-	-
Barium	38.0	36.4	95.8	173	-	-
Cadmium	14400	819	92.3	142	-	-
Chromium	264	28.4	10.7	115	-	-
Cobalt	117	107	90.6	171	-	-
Cu	96.4	86.8	89.9	125	-	-
Lead	2540	477	90.0	119	-	-
Manganese	63.7	60.7	95.1	25	-	-
Vanadium	120	81.3	82.0	146	-	-
Zinc	247	293	105	120	-	-

• Certificate of Analysis •

Product: Met. Std. 5g
Catalog Number: 540
Lot No: 03045 540
Certificate Issue Date: June 29, 2017
Expiration Date: January 31, 2018
Revision Number: Original

Product use instructions are included as part of the certification packet and are paginated separately from this Certificate of Analysis. Please reference the product use instructions for catalog #540 revision 030512.

Certificate # 030512

Parameter	Certified Value ¹	Reference Value ²	Uncertainty ³	QC Performance	PT Performance
				Acceptance Limits ⁴	Acceptance Limits ⁴
	mg/kg	mg/kg	%	mg/kg	mg/kg
Aluminum	10100	1300	n/c	3680 - 12100	3070 - 12700
Antimony	184	98.5	1.61	6.37 - 191	18.4 - 253
Arsenic	178	166	1.85	138 - 194	117 - 215
Boron	228	213	9.52	1.75 - 251	156 - 270
Beryllium	61.3	58.0	8.37	43.3 - 57.7	42.5 - 73.5
Bismuth	91.7	89.1	2.22	45.8 - 89.3	41.5 - 101
Chromium	143	119	6.88	106 - 151	94.2 - 151
Calcium	5190	4720	6.51	3840 - 8530	3120 - 8010
Chromium	107	101	3.05	83.4 - 120	70.5 - 132
Cobalt	71.4	68.4	8.06	57.4 - 75.5	50.8 - 86.8
Copper	116	110	1.37	91.9 - 128	81.9 - 138
Cadmium	15000	14100	10.5	8110 - 19700	4950 - 23300
Lead	210	200	8.96	167 - 238	151 - 254
Magnesium	2570	2290	4.81	1730 - 3950	1420 - 3160
Manganese	963	110	5.74	1304 - 438	280 - 460
Mercury	23.7	12.8	1.54	6.40 - 19.1	6.58 - 26.1
Molybdenum	32.8	32.4	n/c	25.5 - 39.2	20.3 - 44.4
Nickel	66.4	87.1	8.80	71.8 - 102	62.6 - 112
Potassium	2470	1990	6.19	1380 - 2610	1140 - 2830
Selenium	130	117	6.86	91.2 - 141	77.0 - 116
Silver	91.4	88.6	8.20	62.3 - 104	58.4 - 115
Sodium	590	621	6.19	458 - 785	338 - 904
Strontium	59.1	58.6	13.0	48.9 - 70.3	41.5 - 77.6
Thallium	158	142	9.14	114 - 189	98.6 - 187

• Certificate of Analysis •

Parameter	Certified Value ¹	Reference Value ²	Uncertainty ³	GC Performance Acceptance Limits ⁴	PT Performance Acceptance Limits ⁵
	mg/kg	mg/kg	%	mg/kg	mg/kg
Ti	151	135	6.93	106 - 165	80.1 - 191
Tantalum	450	338	3.79	61.5 - 606	63.5 - 601
Barium	113	109	3.77	81.0 - 135	75.4 - 143
Vanadium	194	97.5	8.44	75.9 - 117	63.1 - 131
Zinc	254	240	4.69	144 - 256	170 - 311

ANALYTICAL VERIFICATION

Parameter	Certified Value ¹	Proficiency Testing Study			NIST Traceability	
		Mean	Recovery ⁵	n	SRM Number	Recovery
	mg/kg	mg/kg	%			%
Aluminum	12100	7900	78.2	149	-	-
Antimony	184	149.5	81.5	158	-	-
Arsenic	178	166	93.3	192	-	-
Barium	229	213	93.4	165	-	-
Beryllium	613	58.0	94.6	165	-	-
Boron	91.7	69.1	75.4	108	-	-
Cadmium	143	129	89.9	189	-	-
Calcium	5190	4720	90.9	131	-	-
Chromium	157	151	94.9	184	-	-
Cobalt	71.4	68.4	95.9	154	-	-
Copper	116	110	94.8	151	-	-
Iron	15000	14100	93.9	144	-	-
Lead	213	203	96.5	200	-	-
Magnesium	2570	2290	89.1	137	-	-
Manganese	363	370	96.6	158	-	-
Mercury	23.7	12.8	53.8	128	-	-
Molybdenum	28.8	22.4	89.5	154	-	-
Nickel	96.4	87.1	90.3	184	-	-
Potassium	2420	1990	82.4	191	-	-
Selenium	135	117	89.7	179	-	-



A Waters Company

Reference Materials

• Certificate of Analysis •

Parameter	Certified Value ^a	Proficiency Testing Study			NIST Traceability	
		Mean	Recovery ^b	n	SRM Number	Recovery
	mg/L	mg/L	%			%
Silver	51.4	50.6	94.8	158	-	-
Sodium	690	621	90.2	125	-	-
Strontium	59.1	59.6	101	93	-	-
Thallium	155	142	90.8	161	-	-
Iron	151	135	89.6	109	-	-
Titanium	450	336	74.6	134	-	-
Uranium	110	109	99.2	31	-	-
Vanadium	104	97.0	93.3	153	-	-
Zinc	254	240	94.6	182	-	-

• Certificate of Analysis •

1. The Certificate of Analysis (COA) is the product of a laboratory performed by EPA analytical facilities. The certificate is prepared and/or issued by the laboratory, and is not intended to be a legal document. It is not a substitute for a contract or purchase order, and it is not intended to be a legal document.
2. This organization is not responsible for the accuracy of the data. The accuracy of the data is the responsibility of the customer. The customer is responsible for the accuracy of the data. The customer is responsible for the accuracy of the data.
3. The COA Performance Acceptance Limits (PALs) are based on actual data from the data collection. The PALs are based on the data collection. The PALs are based on the data collection. The PALs are based on the data collection.
4. The COA Performance Acceptance Limits (PALs) are based on the regression equation and the acceptance criteria specified in the COA. The PALs are based on the regression equation and the acceptance criteria specified in the COA. The PALs are based on the regression equation and the acceptance criteria specified in the COA.
5. The COA Performance Acceptance Limits (PALs) are based on the regression equation and the acceptance criteria specified in the COA. The PALs are based on the regression equation and the acceptance criteria specified in the COA. The PALs are based on the regression equation and the acceptance criteria specified in the COA.
6. The COA Performance Acceptance Limits (PALs) are based on the regression equation and the acceptance criteria specified in the COA. The PALs are based on the regression equation and the acceptance criteria specified in the COA. The PALs are based on the regression equation and the acceptance criteria specified in the COA.

If you have any questions or need technical assistance, please call ERA technical assistance at 1-800-372-0122 or send an email to info@eraqc.com.

Certifying Officer

Brian Miller

Quality Officer

Patrick Larson





Mercury Analysis

Sequence Logs

00						
S:2	rinse	0	1.0000	1.0000	1.0000	1.0000
S:2	Calibration Blank		1	1.0000	1.0000	1.0000
1.0000						
S:4	Standard #1	1	1.0000	1.0000	1.0000	1.0000
S:6	Standard #2	1	1.0000	1.0000	1.0000	1.0000
S:8	Standard #3	1	1.0000	1.0000	1.0000	1.0000
S:10	Standard #4	1	1.0000	1.0000	1.0000	1.0000
S:1	Standard #5	1	1.0000	1.0000	1.0000	1.0000
S:3	Standard #6	1	1.0000	1.0000	1.0000	1.0000
S:5	ICV	6	1.0000	1.0000	1.0000	1.0000
S:3	Replacement: Standard #6		1	1.0000	1.0000	1.0000
1.0000						
S:5	ICV	6	1.0000	1.0000	1.0000	1.0000
S:5	ICV	6	1.0000	1.0000	1.0000	1.0000
S:7	ICB	4	1.0000	1.0000	1.0000	1.0000
1:1	WG1095386-1	S 0	1.0000	1.0000	1.0000	1.0000
1:2	WG1095386-2	S 0	1.0000	1.0000	1.0000	1.0000
1:3	L1807489-01	S 0	1.0000	1.0000	1.0000	1.0000
1:4	WG1095386-3	S 0	1.0000	1.0000	1.0000	1.0000
1:5	WG1095386-4	S 0	1.0000	1.0000	1.0000	1.0000
1:6	L1807489-02	S 0	1.0000	1.0000	1.0000	1.0000
1:7	L1807489-03	S 0	1.0000	1.0000	1.0000	1.0000
1:8	L1807489-04	S 0	1.0000	1.0000	1.0000	1.0000
1:9	L1807489-05	S 0	1.0000	1.0000	1.0000	1.0000
1:10	L1807489-06	S 0	1.0000	1.0000	1.0000	1.0000
S:9	CCV	5	1.0000	1.0000	1.0000	1.0000
S:7	CCB	3	1.0000	1.0000	1.0000	1.0000
1:11	L1807749-01	S 0	1.0000	1.0000	1.0000	1.0000
1:12	WG1095466-1	C 0	1.0000	1.0000	1.0000	1.0000
1:13	WG1095466-2	C 0	1.0000	1.0000	1.0000	1.0000
1:14	L1806011-02	C 0	1.0000	1.0000	1.0000	1.0000
1:15	WG1095466-3	C 0	1.0000	1.0000	1.0000	1.0000
1:16	WG1095466-4	C 0	1.0000	1.0000	1.0000	1.0000
1:17	L1806011-04	C 0	1.0000	1.0000	1.0000	1.0000
1:18	WG1095467-1	C 0	1.0000	1.0000	1.0000	1.0000
1:19	WG1095467-2	C 0	1.0000	1.0000	1.0000	1.0000
1:20	L1806011-05	C 0	1.0000	1.0000	1.0000	1.0000
S:9	CCV	5	1.0000	1.0000	1.0000	1.0000
S:7	CCB	3	1.0000	1.0000	1.0000	1.0000
1:21	WG1095467-3	C 0	1.0000	1.0000	1.0000	1.0000
2:1	WG1095467-4	C 0	1.0000	1.0000	1.0000	1.0000
2:2	L1806011-06	C 0	1.0000	1.0000	1.0000	1.0000
S:9	CCV	5	1.0000	1.0000	1.0000	1.0000
S:7	CCB	3	1.0000	1.0000	1.0000	1.0000
S:2	rinse	0	1.0000	1.0000	1.0000	1.0000
S:2	Calibration Blank		1	1.0000	1.0000	1.0000
1.0000						
S:4	Standard #1	1	1.0000	1.0000	1.0000	1.0000
S:6	Standard #2	1	1.0000	1.0000	1.0000	1.0000
S:8	Standard #3	1	1.0000	1.0000	1.0000	1.0000
S:10	Standard #4	1	1.0000	1.0000	1.0000	1.0000
S:1	Standard #5	1	1.0000	1.0000	1.0000	1.0000
S:3	Standard #6	1	1.0000	1.0000	1.0000	1.0000
S:5	ICV	6	1.0000	1.0000	1.0000	1.0000
S:7	ICB	4	1.0000	1.0000	1.0000	1.0000
1:1	WG1095362-1	T 0	1.0000	1.0000	1.0000	1.0000
1:2	WG1095362-2	T 0	1.0000	1.0000	1.0000	1.0000
1:3	L1807246-23	T 0	1.0000	1.0000	1.0000	1.0000
1:4	WG1095362-3	T 0	1.0000	1.0000	1.0000	1.0000
1:5	WG1095362-4	T 0	1.0000	1.0000	1.0000	1.0000
1:6	L1807246-22	T 0	1.0000	1.0000	1.0000	1.0000
1:7	L1807246-24	T 0	1.0000	1.0000	1.0000	1.0000
1:8	L1807246-25	T 0	1.0000	1.0000	1.0000	1.0000
1:9	L1807246-27	T 0	1.0000	1.0000	1.0000	1.0000
1:10	L1807766-07	T 0	1.0000	1.0000	1.0000	1.0000
S:9	CCV	5	1.0000	1.0000	1.0000	1.0000
S:9	CCV	5	1.0000	1.0000	1.0000	1.0000
S:7	CCB	3	1.0000	1.0000	1.0000	1.0000

				00			
1:11	WG1095363-1	S	0	1.0000		1.0000	1.0000
1:12	WG1095363-2	S	0	1.0000		1.0000	1.0000
1:13	L1807516-01	S	0	1.0000		1.0000	1.0000
1:14	WG1095363-3	S	0	1.0000		1.0000	1.0000
1:15	WG1095363-4	S	0	1.0000		1.0000	1.0000
1:16	L1807395-03	S	0	1.0000		1.0000	1.0000
1:17	L1807516-02	S	0	1.0000		1.0000	1.0000
1:18	L1807516-03	S	0	1.0000		1.0000	1.0000
1:19	L1807516-04	S	0	1.0000		1.0000	1.0000
1:20	L1807516-05	S	0	1.0000		1.0000	1.0000
S:9	CCV	5		1.0000	1.0000		1.0000
S:7	CCB	3		1.0000	1.0000		1.0000
1:21	L1807516-06	S	0	1.0000		1.0000	1.0000
2:1	L1807516-07	S	0	1.0000		1.0000	1.0000
2:2	L1807516-08	S	0	1.0000		1.0000	1.0000
2:3	L1807516-10	S	0	1.0000		1.0000	1.0000
2:4	L1807516-11	S	0	1.0000		1.0000	1.0000
2:5	L1807516-12	S	0	1.0000		1.0000	1.0000
2:6	L1807516-13	S	0	1.0000		1.0000	1.0000
2:7	L1807516-14	S	0	1.0000		1.0000	1.0000
2:8	L1807516-16	S	0	1.0000		1.0000	1.0000
2:9	L1807516-17	S	0	1.0000		1.0000	1.0000
S:9	CCV	5		1.0000	1.0000		1.0000
S:9	CCV	5		1.0000	1.0000		1.0000
S:7	CCB	3		1.0000	1.0000		1.0000
2:10	WG1095394-1	C	0	1.0000		1.0000	1.0000
2:11	WG1095394-2	C	0	1.0000		1.0000	1.0000
2:12	L1806872-01	C	0	1.0000		1.0000	1.0000
2:13	L1806872-02	C	0	1.0000		1.0000	1.0000
2:14	L1806872-03	C	0	1.0000		1.0000	1.0000
2:15	L1806872-04	C	0	1.0000		1.0000	1.0000
2:16	L1806872-05	C	0	1.0000		1.0000	1.0000
2:17	L1806872-06	C	0	1.0000		1.0000	1.0000
2:18	L1806872-07	C	0	1.0000		1.0000	1.0000
2:19	L1806872-08	C	0	1.0000		1.0000	1.0000
S:9	CCV	5		1.0000	1.0000		1.0000
S:7	CCB	3		1.0000	1.0000		1.0000
2:20	L1806872-09	C	0	1.0000		1.0000	1.0000
2:21	L1806872-10	C	0	1.0000		1.0000	1.0000
1:1	L1806872-11	C	0	1.0000		1.0000	1.0000
1:2	L1806872-12	C	0	1.0000		1.0000	1.0000
1:3	WG1095393-1	P	0	1.0000		1.0000	1.0000
1:4	WG1095393-2	P	0	1.0000		1.0000	1.0000
1:5	L1806872-01	P	0	1.0000		1.0000	1.0000
1:6	L1806872-02	P	0	1.0000		1.0000	1.0000
1:7	L1806872-03	P	0	1.0000		1.0000	1.0000
1:8	L1806872-04	P	0	1.0000		1.0000	1.0000
S:9	CCV	5		1.0000	1.0000		1.0000
S:7	CCB	3		1.0000	1.0000		1.0000
2:1	WG1095551-1	C	0	1.0000		1.0000	1.0000
2:2	WG1095551-2	C	0	1.0000		1.0000	1.0000
2:3	L1807698-01	C	0	1.0000		1.0000	1.0000
2:4	WG1095551-3	C	0	1.0000		1.0000	1.0000
2:5	WG1095551-4	C	0	1.0000		1.0000	1.0000
S:9	CCV	5		1.0000	1.0000		1.0000
S:7	CCB	3		1.0000	1.0000		1.0000
1:9	L1806872-05	P	0	1.0000		1.0000	1.0000
1:10	L1806872-06	P	0	1.0000		1.0000	1.0000
1:11	L1806872-07	P	0	1.0000		1.0000	1.0000
1:12	L1806872-08	P	0	1.0000		1.0000	1.0000
1:13	L1806872-09	P	0	1.0000		1.0000	1.0000
1:14	L1806872-10	P	0	1.0000		1.0000	1.0000
1:15	L1806872-11	P	0	1.0000		1.0000	1.0000
1:16	L1806872-12	P	0	1.0000		1.0000	1.0000
1:17	WG1095371-1	T	0	1.0000		1.0000	1.0000
1:18	WG1095371-2	T	0	1.0000		1.0000	1.0000
S:9	CCV	5		1.0000	1.0000		1.0000
S:7	CCB	3		1.0000	1.0000		1.0000

					00		
1:19	L1807052-01	T	0		1.0000	1.0000	1.0000
1:20	WG1095371-3	T	0		1.0000	1.0000	1.0000
1:21	WG1095371-4	T	0		1.0000	1.0000	1.0000
S:9	CCV		5	1.0000		1.0000	1.0000
S:7	CCB		3	1.0000		1.0000	1.0000

Sample Raw Data

Report Generated By CETAC QuickTrace

Analyst: metals-instrument

Worksheet file: C:\Program Files\QuickTrace\Worksheets\WG1095505-030818A.wsz

Date Started: 3/8/2018 11:17:22 AM

Comment:

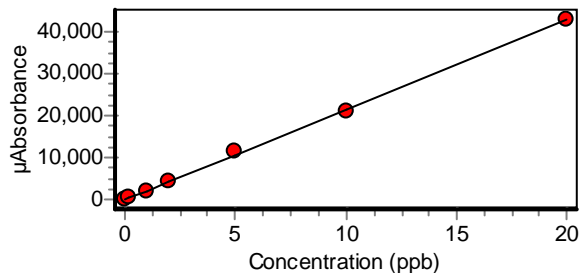
REVIEWED
By drm at 12:18 pm, Mar 14, 2018

Results--Mercury Analysis

Sample Name	Type	Date/Time	Conc (ppb)	μAbs	%RSD	Flags
rinse	UNK	03/08/18 11:55:04 am	0.000	42	64.80	
Replicates		74.7 46.3 41.0 7.7				
Calibration Blank	STD	03/08/18 11:56:53 am	0.000	97	55.10	
Replicates		121.1 54.5 161.5 51.7				
Standard #1	STD	03/08/18 11:58:35 am	0.200	512	6.85	
Replicates		498.6 499.5 485.0 563.2				
Standard #2	STD	03/08/18 12:00:19 pm	1.000	2016	2.07	
Replicates		1975.4 2070.2 1992.3 2025.0				
Standard #3	STD	03/08/18 12:02:03 pm	2.000	4168	2.34	
Replicates		4265.1 4219.0 4041.7 4144.5				
Standard #4	STD	03/08/18 12:03:47 pm	5.000	11533	1.29	
Replicates		11716.0 11574.2 11475.3 11364.8				
Standard #5	STD	03/08/18 12:05:29 pm	10.000	20783	0.70	
Replicates		20686.7 20767.3 20684.2 20992.5				
Standard #6	STD	03/08/18 12:07:11 pm	20.000	39369	0.68	
Replicates		39350.1 39223.2 39149.0 39752.8				

Calibration

Equation: $A = 97.202 + 2124.629C$
 R2: 0.99918
 SEE: 514.7789
 Flags:



Sample Name	Type	Date/Time	Conc (ppb)	μ Abs	%RSD	Flags
ICV	ICV	03/08/18 12:08:53 pm	2.640	5698	0.57	FQ
Replicates		5659.4 5700.8 5692.5 5738.7				
% Recovery		87.87				
Replacement: Standard #6	STD	03/08/18 12:10:56 pm	20.000	42695	0.54	
Replicates		42977.6 42672.8 42411.2 42720.2				
Calibration	<p>Equation: $A = 97.202 + 2124.629C$</p> <p>R2: 0.99918</p> <p>SEE: 514.7789</p> <p>Flags:</p>					
ICV	ICV	03/08/18 12:13:08 pm	2.620	5660	1.59	Q
Replicates		5644.6 5593.2 5610.5 5791.0				
% Recovery		87.27				
ICV	ICV	03/08/18 12:19:05 pm	2.780	6008	1.27	Q
Replicates		6051.1 5900.2 6008.3 6071.8				
% Recovery		92.73				
ICB	ICB	03/08/18 12:21:14 pm	-0.056	-22	183.49	
Replicates		-53.4 36.3 -24.2 -48.7				
WG1095386-1 S	UNK	03/08/18 12:22:56 pm	-0.063	-36	129.13	
Replicates		-74.1 -71.5 23.3 -21.3				
WG1095386-2 S	UNK	03/08/18 12:24:38 pm	0.999	2221	0.96	
Replicates		2220.6 2246.5 2221.3 2194.3				
L1807489-01 S	UNK	03/08/18 12:26:20 pm	-0.079	-70	78.01	
Replicates		-31.7 -37.3 -150.2 -62.0				
WG1095386-3 S	UNK	03/08/18 12:28:03 pm	4.970	10649	0.69	
Replicates		10705.7 10707.8 10630.5 10552.5				
WG1095386-4 S	UNK	03/08/18 12:29:47 pm	-0.082	-76	35.39	
Replicates		-89.6 -61.8 -46.8 -106.8				

Sample Name				Type	Date/Time	Conc (ppb)	μAbs	%RSD	Flags
L1807489-02 S				UNK	03/08/18 12:31:31 pm	-0.084	-81	48.45	
Replicates	-37.9	-108.7	-58.3	-119.7					
L1807489-03 S				UNK	03/08/18 12:33:15 pm	-0.101	-117	42.69	
Replicates	-140.6	-81.8	-175.7	-69.7					
L1807489-04 S				UNK	03/08/18 12:34:56 pm	-0.099	-113	35.20	
Replicates	-98.9	-158.0	-65.7	-130.3					
L1807489-05 S				UNK	03/08/18 12:36:38 pm	-0.077	-66	37.32	
Replicates	-31.7	-88.7	-67.0	-78.5					
L1807489-06 S				UNK	03/08/18 12:38:21 pm	-0.097	-109	15.01	
Replicates	-120.9	-126.0	-95.7	-94.8					
CCV				CCV	03/08/18 12:40:05 pm	10.500	22300	1.51	
Replicates	22694.1	22449.8	22108.3	21946.3					
% Recovery	104.50								
CCB				CCB	03/08/18 12:41:48 pm	-0.074	-60	75.86	
Replicates	-62.4	-85.8	5.0	-95.2					
L1807749-01 S				UNK	03/08/18 12:45:44 pm	-0.101	-116	36.22	
Replicates	-146.6	-156.7	-68.3	-94.2					
WG1095466-1 C				UNK	03/08/18 12:47:28 pm	-0.125	-168	32.95	
Replicates	-178.3	-176.7	-224.2	-91.7					
WG1095466-2 C				UNK	03/08/18 12:49:12 pm	0.808	1814	2.77	
Replicates	1789.7	1843.3	1866.0	1755.3					
L1806011-02 C				UNK	03/08/18 12:50:56 pm	-0.124	-167	39.68	
Replicates	-117.1	-102.3	-223.2	-224.7					
WG1095466-3 C				UNK	03/08/18 12:52:38 pm	4.630	9930	0.95	
Replicates	10020.3	9980.7	9916.5	9804.2					

Sample Name				Type	Date/Time	Conc (ppb)	μAbs	%RSD	Flags
WG1095466-4 C				UNK	03/08/18 12:54:20 pm	-0.109	-134	34.90	
Replicates	-89.4	-185.2	-160.5	-99.2					
L1806011-04 C				UNK	03/08/18 12:56:03 pm	-0.033	27	166.22	
Replicates	59.7	-11.0	-12.5	73.5					
WG1095467-1 C				UNK	03/08/18 12:57:46 pm	-0.117	-152	25.78	
Replicates	-136.3	-133.2	-129.0	-211.2					
WG1095467-2 C				UNK	03/08/18 12:59:29 pm	0.809	1816	3.11	
Replicates	1859.3	1846.2	1825.7	1734.2					
L1806011-05 C				UNK	03/08/18 01:01:13 pm	-0.122	-162	46.54	
Replicates	-164.3	-251.3	-66.8	-165.7					
CCV				CCV	03/08/18 01:02:57 pm	9.400	20065	0.81	
Replicates	20271.4	20118.8	19944.5	19924.5					
% Recovery	93.98								
CCB				CCB	03/08/18 01:04:40 pm	-0.064	-39	66.06	
Replicates	-55.7	-1.8	-41.3	-56.8					
WG1095467-3 C				UNK	03/08/18 01:06:24 pm	4.720	10133	2.48	
Replicates	10311.6	10292.8	10155.7	9770.7					
WG1095467-4 C				UNK	03/08/18 01:08:07 pm	-0.112	-141	31.43	
Replicates	-146.9	-77.5	-178.7	-161.3					
L1806011-06 C				UNK	03/08/18 01:09:49 pm	-0.100	-115	39.70	
Replicates	-110.9	-147.7	-51.8	-149.2					
CCV				CCV	03/08/18 01:11:33 pm	9.380	20036	0.70	
Replicates	20162.6	20153.0	19917.5	19911.3					
% Recovery	93.85								
CCB				CCB	03/08/18 01:13:16 pm	-0.064	-39	132.44	
Replicates	-39.9	-104.5	-36.0	23.0					

Sample Name				Type	Date/Time	Conc (ppb)	μAbs	%RSD	Flags
rinse				UNK	03/08/18 01:52:10 pm	-0.016	63	45.28	
Replicates	50.7	37.2	103.3	61.2					
Calibration Blank				STD	03/08/18 01:53:59 pm	0.000	95	51.92	
Replicates	99.4	161.7	50.0	67.5					
Standard #1				STD	03/08/18 01:55:42 pm	0.200	458	4.94	
Replicates	489.9	442.7	459.0	441.2					
Standard #2				STD	03/08/18 01:57:25 pm	1.000	2018	2.55	
Replicates	2013.1	2070.0	2039.0	1949.0					
Standard #3				STD	03/08/18 01:59:09 pm	2.000	4061	4.11	
Replicates	4184.3	4222.5	3942.3	3893.5					
Standard #4				STD	03/08/18 02:00:53 pm	5.000	10490	0.92	
Replicates	10596.1	10486.2	10516.0	10363.5					
Standard #5				STD	03/08/18 02:02:35 pm	10.000	20428	0.54	
Replicates	20494.9	20483.8	20264.2	20470.0					
Standard #6				STD	03/08/18 02:04:17 pm	20.000	39127	0.55	
Replicates	39284.4	39296.5	38834.8	39092.0					

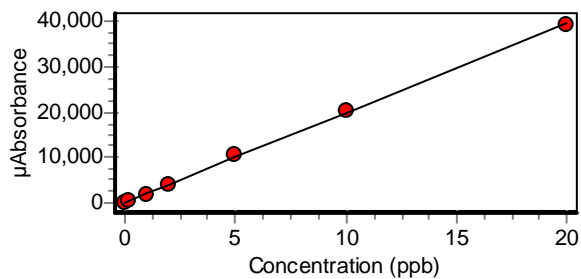
Calibration

Equation: $A = 94.649 + 1973.225C$

R2: 0.99924

SEE: 456.2904

Flags:



ICV				ICV	03/08/18 02:06:00 pm	2.990	5985	1.58	
Replicates	6107.4	5909.2	5911.3	6013.3					
% Recovery	99.51								
ICB				ICB	03/08/18 02:07:42 pm	-0.029	36	25.70	
Replicates	43.1	45.5	25.8	31.5					

Sample Name				Type	Date/Time	Conc (ppb)	μAbs	%RSD	Flags
WG1095362-1 T				UNK	03/08/18 02:09:24 pm	-0.040	15	322.29	
Replicates	-37.3	50.0	-14.5	61.8					
WG1095362-2 T				UNK	03/08/18 02:11:06 pm	1.010	2097	2.16	
Replicates	2126.4	2126.7	2103.8	2031.2					
L1807246-23 T				UNK	03/08/18 02:12:48 pm	-0.026	43	112.05	
Replicates	18.0	94.0	-11.3	72.0					
WG1095362-3 T				UNK	03/08/18 02:14:31 pm	5.170	10304	1.70	
Replicates	10483.7	10417.3	10203.8	10112.5					
WG1095362-4 T				UNK	03/08/18 02:16:15 pm	4.850	9662	2.10	
Replicates	9855.7	9800.8	9573.3	9419.0					
L1807246-22 T				UNK	03/08/18 02:17:59 pm	-0.045	5	164.28	
Replicates	19.1	-69.7	4.0	65.8					
L1807246-24 T				UNK	03/08/18 02:19:43 pm	-0.036	24	187.59	
Replicates	34.7	80.3	9.8	-28.0					
L1807246-25 T				UNK	03/08/18 02:21:25 pm	-0.034	28	202.90	
Replicates	-56.3	65.0	44.7	58.7					
L1807246-27 T				UNK	03/08/18 02:23:07 pm	-0.036	24	151.06	
Replicates	21.4	-25.5	42.7	56.0					
L1807766-07 T				UNK	03/08/18 02:24:49 pm	-0.028	40	98.56	
Replicates	19.6	48.8	90.5	0.3					
CCV				CCV	03/08/18 02:26:33 pm	11.200	22252	1.12	Q
Replicates	22540.7	22374.0	22093.2	22000.3					
% Recovery	112.29								
CCV				CCV	03/08/18 02:28:43 pm	11.000	21823	4.29	Q
Replicates	22653.6	22370.5	21717.7	20549.2					
% Recovery	110.11								

Sample Name				Type	Date/Time	Conc (ppb)	μAbs	%RSD	Flags
CCB				CCB	03/08/18 02:30:44 pm	-0.039	17	608.28	
Replicates	50.4	23.5	120.8	-126.3					
WG1095363-1 S				UNK	03/08/18 02:32:27 pm	-0.057	-18	132.72	
Replicates	-20.6	-43.5	14.2	-22.0					
WG1095363-2 S				UNK	03/08/18 02:34:11 pm	0.926	1921	2.36	
Replicates	1955.9	1949.0	1922.8	1856.5					
L1807516-01 S				UNK	03/08/18 02:35:55 pm	-0.073	-50	84.61	
Replicates	-93.1	-3.8	-78.2	-25.3					
WG1095363-3 S				UNK	03/08/18 02:37:39 pm	5.070	10108	4.75	
Replicates	10446.4	10402.3	10173.7	9410.2					
WG1095363-4 S				UNK	03/08/18 02:39:21 pm	-0.047	2	451.45	
Replicates	22.7	-20.5	-39.3	43.3					
L1807395-03 S				UNK	03/08/18 02:41:03 pm	-0.085	-73	78.49	
Replicates	-42.9	-159.7	-45.2	-45.7					
L1807516-02 S				UNK	03/08/18 02:42:45 pm	-0.075	-53	72.92	
Replicates	-16.9	-100.3	-68.5	-26.5					
L1807516-03 S				UNK	03/08/18 02:44:28 pm	-0.075	-54	39.99	
Replicates	-50.0	-26.5	-61.5	-77.8					
L1807516-04 S				UNK	03/08/18 02:46:12 pm	-0.083	-69	109.63	
Replicates	37.7	-102.7	-136.2	-74.0					
L1807516-05 S				UNK	03/08/18 02:47:56 pm	-0.093	-89	34.30	
Replicates	-69.7	-122.5	-57.5	-106.8					
CCV				CCV	03/08/18 02:49:39 pm	10.000	19860	0.78	
Replicates	20032.9	19919.0	19821.7	19665.5					
% Recovery	100.17								

Sample Name				Type	Date/Time	Conc (ppb)	μAbs	%RSD	Flags
CCB				CCB	03/08/18 02:51:22 pm	-0.058	-20	155.20	
Replicates	-19.4	-55.3	-28.0	21.2					
L1807516-06 S				UNK	03/08/18 02:53:06 pm	-0.073	-50	116.60	
Replicates	-4.7	-26.5	-134.7	-32.8					
L1807516-07 S				UNK	03/08/18 02:54:49 pm	-0.086	-76	21.67	
Replicates	-79.6	-95.3	-72.2	-55.8					
L1807516-08 S				UNK	03/08/18 02:56:31 pm	-0.076	-55	24.09	
Replicates	-43.3	-52.8	-73.7	-49.3					
L1807516-10 S				UNK	03/08/18 02:58:14 pm	-0.088	-80	48.10	
Replicates	-125.0	-79.5	-31.2	-83.7					
L1807516-11 S				UNK	03/08/18 02:59:57 pm	-0.100	-102	8.46	
Replicates	-107.4	-110.7	-100.2	-91.2					
L1807516-12 S				UNK	03/08/18 03:01:40 pm	-0.094	-90	19.26	
Replicates	-90.4	-114.2	-81.2	-74.5					
L1807516-13 S				UNK	03/08/18 03:03:24 pm	-0.077	-56	69.86	
Replicates	-67.1	-11.5	-104.7	-42.3					
L1807516-14 S				UNK	03/08/18 03:05:09 pm	-0.098	-99	31.26	
Replicates	-85.1	-129.3	-62.3	-119.5					
L1807516-16 S				UNK	03/08/18 03:06:52 pm	-0.079	-61	46.54	
Replicates	-102.0	-38.7	-59.0	-45.2					
L1807516-17 S				UNK	03/08/18 03:08:35 pm	-0.102	-106	28.62	
Replicates	-131.7	-77.3	-132.3	-82.0					
CCV				CCV	03/08/18 03:10:18 pm	11.200	22271	1.44	Q
Replicates	22642.4	22429.7	22043.0	21968.0					
% Recovery	112.39								

Sample Name				Type	Date/Time	Conc (ppb)	μAbs	%RSD	Flags
CCV				CCV	03/08/18 03:12:27 pm	10.900	21668	0.72	
Replicates	21712.7	21850.5	21631.3	21477.8					
% Recovery	109.33								
CCB				CCB	03/08/18 03:14:10 pm	-0.068	-40	79.55	
Replicates	-6.6	-53.2	-77.5	-22.2					
WG1095394-1 C				UNK	03/08/18 03:15:53 pm	-0.104	-110	12.53	
Replicates	-124.1	-93.2	-118.3	-105.5					
WG1095394-2 C				UNK	03/08/18 03:17:36 pm	1.020	2106	2.85	
Replicates	2180.4	2083.2	2038.8	2120.3					
L1806872-01 C				UNK	03/08/18 03:19:19 pm	-0.100	-102	14.79	
Replicates	-110.0	-103.0	-115.2	-80.8					
L1806872-02 C				UNK	03/08/18 03:21:03 pm	-0.110	-122	32.10	
Replicates	-124.7	-80.8	-109.2	-174.5					
L1806872-03 C				UNK	03/08/18 03:22:47 pm	-0.115	-132	28.05	
Replicates	-115.6	-88.8	-172.8	-148.8					
L1806872-04 C				UNK	03/08/18 03:24:31 pm	-0.115	-133	27.71	
Replicates	-111.1	-138.2	-183.0	-100.2					
L1806872-05 C				UNK	03/08/18 03:26:14 pm	-0.095	-93	69.13	
Replicates	-121.7	2.7	-116.5	-135.7					
L1806872-06 C				UNK	03/08/18 03:27:58 pm	-0.123	-148	30.19	
Replicates	-137.6	-102.8	-209.8	-142.5					
L1806872-07 C				UNK	03/08/18 03:29:41 pm	-0.086	-76	55.03	
Replicates	-65.3	-26.2	-126.5	-86.2					
L1806872-08 C				UNK	03/08/18 03:31:25 pm	-0.120	-141	15.14	
Replicates	-129.4	-126.3	-136.5	-172.7					

Sample Name				Type	Date/Time	Conc (ppb)	μAbs	%RSD	Flags
CCV				CCV	03/08/18 03:33:08 pm	10.200	20188	0.85	
Replicates	20372.7	20294.3	20024.5	20058.7					
% Recovery	101.83								
CCB				CCB	03/08/18 03:34:51 pm	-0.099	-101	28.64	
Replicates	-137.9	-109.5	-80.7	-75.3					
L1806872-09 C				UNK	03/08/18 03:36:35 pm	-0.121	-145	11.53	
Replicates	-137.6	-153.8	-162.8	-125.3					
L1806872-10 C				UNK	03/08/18 03:38:20 pm	-0.130	-162	31.64	
Replicates	-162.4	-109.0	-231.0	-144.8					
L1806872-11 C				UNK	03/08/18 03:40:01 pm	-0.112	-126	36.10	
Replicates	-136.1	-173.3	-63.8	-132.3					
L1806872-12 C				UNK	03/08/18 03:41:43 pm	-0.093	-90	58.76	
Replicates	-36.3	-62.8	-157.7	-102.5					
WG1095393-1 P				UNK	03/08/18 03:43:25 pm	-0.139	-180	8.95	
Replicates	-178.6	-183.0	-159.7	-198.8					
WG1095393-2 P				UNK	03/08/18 03:45:08 pm	0.855	1782	3.04	
Replicates	1747.9	1846.0	1727.2	1805.7					
L1806872-01 P				UNK	03/08/18 03:46:52 pm	-0.127	-156	15.88	
Replicates	-162.6	-151.2	-184.0	-124.7					
L1806872-02 P				UNK	03/08/18 03:48:36 pm	-0.143	-188	8.24	
Replicates	-202.9	-197.3	-181.0	-169.0					
L1806872-03 P				UNK	03/08/18 03:50:20 pm	-0.131	-163	12.86	
Replicates	-157.0	-147.8	-193.8	-153.0					
L1806872-04 P				UNK	03/08/18 03:52:02 pm	-0.142	-186	8.92	
Replicates	-176.6	-198.5	-168.2	-202.3					

Sample Name	Type	Date/Time	Conc (ppb)	μAbs	%RSD	Flags
CCV	CCV	03/08/18 03:53:45 pm	10.200	20138	1.04	
Replicates						
% Recovery						
20391.7	20224.7	20004.7	19932.7			
101.58						
CCB	CCB	03/08/18 03:55:28 pm	-0.086	-75	42.38	
Replicates						
-51.4	-109.5	-94.5	-44.8			
WG1095551-1 C	UNK	03/08/18 04:00:06 pm	-0.165	-232	31.73	
Replicates						
-162.6	-318.0	-179.3	-267.0			
WG1095551-2 C	UNK	03/08/18 04:01:49 pm	0.977	2023	3.91	
Replicates						
2139.9	2003.2	1983.7	1966.8			
L1807698-01 C	UNK	03/08/18 04:03:31 pm	-0.156	-214	13.59	
Replicates						
-202.6	-180.3	-247.7	-226.0			
WG1095551-3 C	UNK	03/08/18 04:05:14 pm	5.370	10691	2.42	
Replicates						
10307.1	10860.7	10762.5	10832.5			
WG1095551-4 C	UNK	03/08/18 04:06:57 pm	-0.146	-194	12.56	
Replicates						
-169.6	-220.7	-209.2	-178.2			
CCV	CCV	03/08/18 04:08:41 pm	10.100	19986	1.14	
Replicates						
% Recovery						
20157.6	20188.5	19891.3	19707.7			
100.81						
CCB	CCB	03/08/18 04:10:24 pm	-0.124	-149	27.14	
Replicates						
-162.4	-103.2	-134.0	-198.3			
L1806872-05 P	UNK	03/08/18 04:12:06 pm	-0.159	-220	9.55	
Replicates						
-230.7	-197.7	-206.7	-243.0			
L1806872-06 P	UNK	03/08/18 04:13:48 pm	-0.156	-212	21.31	
Replicates						
-205.1	-159.8	-270.0	-214.2			
L1806872-07 P	UNK	03/08/18 04:15:31 pm	-0.144	-190	21.65	
Replicates						
-174.9	-138.5	-223.8	-222.3			

Sample Name				Type	Date/Time	Conc (ppb)	μAbs	%RSD	Flags
L1806872-08 P				UNK	03/08/18 04:17:15 pm	-0.141	-184	34.72	
Replicates	-106.9	-238.8	-233.8	-156.0					
L1806872-09 P				UNK	03/08/18 04:18:58 pm	-0.152	-205	15.06	
Replicates	-207.3	-227.5	-160.5	-224.0					
L1806872-10 P				UNK	03/08/18 04:20:43 pm	-0.142	-185	19.35	
Replicates	-198.0	-208.2	-132.0	-203.7					
L1806872-11 P				UNK	03/08/18 04:22:25 pm	-0.156	-214	15.99	
Replicates	-245.9	-232.5	-210.3	-167.7					
L1806872-12 P				UNK	03/08/18 04:24:07 pm	-0.165	-232	12.31	
Replicates	-266.6	-242.5	-204.7	-212.3					
WG1095371-1 T				UNK	03/08/18 04:25:49 pm	-0.169	-239	23.16	
Replicates	-166.1	-243.7	-245.5	-300.8					
WG1095371-2 T				UNK	03/08/18 04:27:32 pm	0.849	1770	1.37	
Replicates	1761.1	1770.0	1803.3	1745.8					
CCV				CCV	03/08/18 04:29:16 pm	10.600	21090	1.90	
Replicates	21395.4	21441.2	20916.5	20606.2					
% Recovery	106.40								
CCB				CCB	03/08/18 04:30:59 pm	-0.141	-184	15.19	
Replicates	-181.7	-202.2	-145.3	-206.7					
L1807052-01 T				UNK	03/08/18 04:32:42 pm	-0.140	-182	25.56	
Replicates	-193.0	-132.7	-241.7	-162.0					
WG1095371-3 T				UNK	03/08/18 04:35:45 pm	5.310	10578	1.16	
Replicates	10641.4	10661.5	10613.2	10397.0					
WG1095371-4 T				UNK	03/08/18 04:37:30 pm	-0.154	-209	27.52	
Replicates	-258.7	-255.0	-176.3	-144.0					

Sample Name				Type	Date/Time	Conc (ppb)	μAbs	%RSD	Flags
CCV				CCV	03/08/18 04:39:13 pm	10.200	20231	1.35	
Replicates	20463.9	20422.8	20161.3	19875.5					
% Recovery	102.05								
CCB				CCB	03/08/18 04:40:56 pm	-0.141	-184	36.40	
Replicates	-215.7	-150.8	-259.7	-109.2					

Work Group

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Mar 14 2018, 04:59 pm

Work Group: WG1095393 for Department: 5 Inorganics Preparation

Created: 07-MAR-18 Due: Operator: rc

Sample	Client ID	C Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L1806872-01	SDT-DS-BFT-PC03	S CT-SPLP-HG	SOIL	DONE	U	0327	0314	S0	EPlastic-C.25
L1806872-02	SDT-DS-BFT-PC06	S CT-SPLP-HG	SOIL	DONE	U	0327	0314	S0	EPlastic-C.25
L1806872-03	SDT-DS-BFT-PC08	S CT-SPLP-HG	SOIL	DONE	U	0327	0314	S0	EPlastic-C.25
L1806872-04	SDT-DS-BFT-CC03	S CT-SPLP-HG	SOIL	DONE	U	0327	0314	S0	EPlastic-C.25
L1806872-05	SDT-DS-BFT-CC06	S CT-SPLP-HG	SOIL	DONE	U	0327	0314	S0	EPlastic-C.25
L1806872-06	SDT-DS-BFT-CC08	S CT-SPLP-HG	SOIL	DONE	U	0327	0314	S0	EPlastic-C.25
L1806872-07	SDT-DS-GVT-PC02	S CT-SPLP-HG	SOIL	DONE	U	0327	0314	S0	EPlastic-C.25
L1806872-08	SDT-DS-GVT-PC04	S CT-SPLP-HG	SOIL	DONE	U	0327	0314	S0	EPlastic-C.25
L1806872-09	SDT-DS-GVT-PC05	S CT-SPLP-HG	SOIL	DONE	U	0327	0314	S0	EPlastic-C.25
L1806872-10	SDT-DS-GVT-CC02	S CT-SPLP-HG	SOIL	DONE	U	0327	0314	S0	EPlastic-C.25
L1806872-11	SDT-DS-GVT-CC04	S CT-SPLP-HG	SOIL	DONE	U	0327	0314	S0	EPlastic-C.25
L1806872-12	SDT-DS-GVT-CC05	S CT-SPLP-HG	SOIL	DONE	U	0327	0314	S0	EPlastic-C.25
WG1095393-1	Laboratory Method Bl	S CT-SPLP-HG	SOIL	DONE	U				
WG1095393-10	Initial Calibration	S CT-SPLP-HG	SOIL	DONE	U				
WG1095393-11	Initial Calibration	S CT-SPLP-HG	SOIL	DONE	U				
WG1095393-12	Continuing Calibrati	S CT-SPLP-HG	SOIL	DONE	U				
WG1095393-13	Continuing Calibrati	S CT-SPLP-HG	SOIL	DONE	U				
WG1095393-2	Laboratory Control S	S CT-SPLP-HG	SOIL	DONE	U				
WG1095393-3	Calibration Blank	S CT-SPLP-HG	SOIL	DONE	U				
WG1095393-4	Cal Standard 1	S CT-SPLP-HG	SOIL	DONE	U				
WG1095393-5	Cal Standard 2	S CT-SPLP-HG	SOIL	DONE	U				
WG1095393-6	Cal Standard 3	S CT-SPLP-HG	SOIL	DONE	U				
WG1095393-7	Cal Standard 4	S CT-SPLP-HG	SOIL	DONE	U				
WG1095393-8	Cal Standard 5	S CT-SPLP-HG	SOIL	DONE	U				
WG1095393-9	Cal Standard 6	S CT-SPLP-HG	SOIL	DONE	U				

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Mar 14 2018, 04:59 pm

Work Group: WG1095394 for Department: 5 Inorganics Preparation

Created: 07-MAR-18 Due: Operator: rc

Sample	Client ID	C Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L1806872-01	SDT-DS-BFT-PC03	C CT-TCLP-HG	SOIL	DONE	U	0327	0314	S0	EPlastic-C.25
L1806872-02	SDT-DS-BFT-PC06	C CT-TCLP-HG	SOIL	DONE	U	0327	0314	S0	EPlastic-C.25
L1806872-03	SDT-DS-BFT-PC08	C CT-TCLP-HG	SOIL	DONE	U	0327	0314	S0	EPlastic-C.25
L1806872-04	SDT-DS-BFT-CC03	C CT-TCLP-HG	SOIL	DONE	U	0327	0314	S0	EPlastic-C.25
L1806872-05	SDT-DS-BFT-CC06	C CT-TCLP-HG	SOIL	DONE	U	0327	0314	S0	EPlastic-C.25
L1806872-06	SDT-DS-BFT-CC08	C CT-TCLP-HG	SOIL	DONE	U	0327	0314	S0	EPlastic-C.25
L1806872-07	SDT-DS-GVT-PC02	C CT-TCLP-HG	SOIL	DONE	U	0327	0314	S0	EPlastic-C.25
L1806872-08	SDT-DS-GVT-PC04	C CT-TCLP-HG	SOIL	DONE	U	0327	0314	S0	EPlastic-C.25
L1806872-09	SDT-DS-GVT-PC05	C CT-TCLP-HG	SOIL	DONE	U	0327	0314	S0	EPlastic-C.25
L1806872-10	SDT-DS-GVT-CC02	C CT-TCLP-HG	SOIL	DONE	U	0327	0314	S0	EPlastic-C.25
L1806872-11	SDT-DS-GVT-CC04	C CT-TCLP-HG	SOIL	DONE	U	0327	0314	S0	EPlastic-C.25
L1806872-12	SDT-DS-GVT-CC05	C CT-TCLP-HG	SOIL	DONE	U	0327	0314	S0	EPlastic-C.25
WG1095394-1	Laboratory Method Bl	S CT-TCLP-HG	SOIL	DONE	U				
WG1095394-2	Laboratory Control S	S CT-TCLP-HG	SOIL	DONE	U				

Sample Preparation





METALS ELN REPORT

Workgroup: WG1095393

Digestion

Prep Method	Acid Type 1	Acid 1 Lot	Acid Type 2	Acid 2 Lot	Spike Type	Lims Spike Lot	Spike Lot	Post Spike Spikelot	Spike Lot	Pipette Id
EPA 7470A	HNO3	C798208	H2SO4	C689965	METALS	METSPIKE	HG18100609	METSPIKE	HG18100609	WHG26,15,2 15MG 11,76

Additional Reagent/Std	
	ICV1810060905MG
	K2O8S2 PS1810051200RC
	KMnO4 PP1808201510RC
	NaCl-NH2OH.HCl HH1809021819EA

Sample/Type	Digestion Date	Analyst	Sample Vol ml	Spike Amt ml	Start Date/Time	Hot Block Unit	Temperature (C)	Stop Date/Time	Final Vol	Sppl Extract Date	Comments
L1806872-01 SOIL	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	
L1806872-02 SOIL	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	
L1806872-03 SOIL	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	
L1806872-04 SOIL	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	
L1806872-05 SOIL	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	
L1806872-06 SOIL	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	
L1806872-07 SOIL	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	
L1806872-08 SOIL	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	
L1806872-09 SOIL	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	
L1806872-10 SOIL	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	
L1806872-11 SOIL	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	
L1806872-12 SOIL	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	



METALS ELN REPORT

Workgroup: WG1095393

Sample/ Type	Digestion Date	Analyst	Sample Vol ml	Spike Amt ml	Start Date/Time	Hot Block Unit	Temperatur e (C)	Stop Date/Time	Final Vol	Splp Extract Date	Comments
WG1095393-1	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	
BLANK											
WG1095393-2	03/07/18 15:40	Raldi Cabral	5	.250	03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	
LCS											
WG1095393-3	03/07/18 15:40	Raldi Cabral	0		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	
CALBLANK											
WG1095393-4	03/07/18 15:40	Raldi Cabral	.050		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	
STD1											
WG1095393-5	03/07/18 15:40	Raldi Cabral	.250		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	
STD2											
WG1095393-6	03/07/18 15:40	Raldi Cabral	.5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	
STD3											
WG1095393-7	03/07/18 15:40	Raldi Cabral	1.25		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	
STD4											
WG1095393-8	03/07/18 15:40	Raldi Cabral	2.5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	
STD5											
WG1095393-9	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	
STD6											
WG1095393-10	03/07/18 15:40	Raldi Cabral	.250		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	
ICV											
WG1095393-11	03/07/18 15:40	Raldi Cabral	0		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	
ICB											
WG1095393-12	03/07/18 15:40	Raldi Cabral	2.5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	
CCV											
WG1095393-13	03/07/18 15:40	Raldi Cabral	0		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 17:42	
CCB											



METALS ELN REPORT

Workgroup: WG1095393

Reagent	Actual Volume	Units
Sulfuric Acid (H ₂ SO ₄)	1.25	ml
Nitric Acid (HNO ₃)	.625	ml
Potassium Permanganat	3.75	ml
Potassium Persulfate (K	2	ml
NaCl-Hydroxylamine Hy	1.5	ml



METALS ELN REPORT

Workgroup: WG1095394

Digestion

Prep Method	Acid Type 1	Acid 1 Lot	Acid Type 2	Acid 2 Lot	Spike Type	Lims Spike Lot	Spike Lot	Post Spike Spikelot	Spike Lot	Pipette Id
EPA 7470A	HNO3	C798208	H2SO4	C689965	METALS	METSPIKE	HG18100609	METSPIKE	HG18100609	WHG26,15,2 11,76

Additional Reagent/Std	
	ICV1810060905MG
	K2O8S2 PS1810051200RC
	KMnO4 PP1808201510RC
	NaCl-NH2OH.HCl HH1809021819EA

Sample/Type	Digestion Date	Analyst	Sample Vol ml	Spike Amt ml	Start Date/Time	Hot Block Unit	Temperature (C)	Stop Date/Time	Final Vol	Tclp Extract Date	Comments
L1806872-01 SOIL	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 05:08	
L1806872-02 SOIL	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 05:08	
L1806872-03 SOIL	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 05:08	
L1806872-04 SOIL	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 05:08	
L1806872-05 SOIL	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 05:08	
L1806872-06 SOIL	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 05:08	
L1806872-07 SOIL	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 05:08	
L1806872-08 SOIL	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 05:08	
L1806872-09 SOIL	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 05:08	
L1806872-10 SOIL	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 05:08	
L1806872-11 SOIL	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 05:08	
L1806872-12 SOIL	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 05:08	



METALS ELN REPORT

Workgroup: WG1095394

Sample/ Type	Digestion Date	Analyst	Sample Vol ml	Spike Amt ml	Start Date/Time	Hot Block Unit	Temperatur e (C)	Stop Date/Time	Final Vol	Tclp Extract Date	Comments
WG1095394- 1	03/07/18 15:40	Raldi Cabral	5		03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 05:08	
BLANK											
WG1095394- 2	03/07/18 15:40	Raldi Cabral	5	.250	03/07/18 15:40	5	94.1	03/07/18 17:40	25	03/01/18 05:08	
LCS											

Reagent	Actual Volume	Units
Sulfuric Acid (H2SO4)	1.25	ml
Nitric Acid (HNO3)	.625	ml
Potassium Permanganat	3.75	ml
Potassium Persulfate (K	2	ml
NaCl-Hydroxylamine Hy	1.5	ml

Sample Number	Date	Time	Initials	Amount (g)	DI Vol. (mL)	pH (i)	1N HCL Vol (mL)	1N HCL Lot #	pH (f)	Fluid Number	Comments
L1806996-01	3/1/18	02:01	TW	5.0	98.5	7.5	3.5mL	H1L02201F	<5	1	
-02											
-03											
-04											
L1805098-02									>5	2	
-03									>5	1	
-08									>5	2	
-09									>5	2	
-23									>5	2	
-24									<5	1	
-25									>5	2	
L1806568-02									<5	1	
L1806669-01											
L1806446-01											
-02											
-03											
L1806778-01											
L1806832-01											
-02											
-03											
-04											

Page Scanned and Saved to TCLPEXT -> TCLPFLUID Folder

Initials: TW
 Date: 3/1/18

Sample Number	Date	Time	Initials	Amount (g)	DI Vol. (mL)	pH (f)	1N HCL Vol (mL)	1N HCL Lot #	pH (f)	Fluid Number	Comments
LI806830-05	3/1/08	02:01	TW	5.0	96.5	>5	3.5mL	HL022012	<5	1	
-06	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
-07	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
-08	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
-09	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
-10	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
-11	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
-12	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
LI807015-01	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	

Page Scanned and Saved to TCLPEXT -> TCLPFLUID Folder

Initials: TW
 Date: 3/1/08

Wgs: 1493318 F21093351

TCLP Fluid Lot #: <u>FITCLP0227-08/10mclP03138</u>	1:1 HNO ₃ Lot#: <u>1440302007</u>	Temp (°C) Max: <u>25.9</u> Min: <u>22.9</u>	Unit ID#: <u>2</u>	TCLP Fluid ID (circle one) <input checked="" type="radio"/> <input type="radio"/> DI
Prep Date: <u>1-27-18/1-27-18</u>	pH on Date Used: <u>4.91/2.93</u>	Acceptable Temp Range: 21°-27°C		

Sample Type/Chem/Cont	Sample Number	Amt (g)	Fluid Vol (mL)	Tumbler ID	Date On	Time On	Temp. C° On	Initials	Date Off	Time Off	Temp. C° Off	Initials	pH	1:1 HNO ₃ (mL)	Filter Initials	Comments
<input checked="" type="checkbox"/>	Method Blank/PSC	—	2000	2	3/1/18	05:07	23.7	TW	3/1/18	20:05	23.6	EYA	4.92	2.5mL	TW	
	Fluid 1 Blank	—											3.28			
	L1806986 - 01	100											4.91			Blank
	-02												4.96			
	-03												4.94			
	-04												4.91			
	L1805059 - 02												4.90			
	-03												4.85			Fluid 2
	-08												4.90			
	-09												5.42			Fluid 2
	-23												5.00			
	-24												4.93			
	-35												4.79			Fluid 2
	L1906877 - 01												5.60			
	-02												6.45			
	-03												6.96			
	-04												5.79			
	-05												6.82			

Page Scanned and Saved to TCLPEXT -> TCLPEXT Folder

Initials: TW
 Date: 3/2/18

Wgt: 109.3318

TCLP Fluid Lot #: E192LP022718B 1:1 HNO₃ Unit ID# 266 TCLP Fluid ID
 Prep Date: 3-13-18 pH on Date Used: 4.91 Lot#: 14603022002 Max: 23.5 Min: 22.5 (circle one) #2 #1

Acceptable Temp Range: 21°-27°C

Sample Type (Check Column)			Sample Number	Amt. (g)	Fluorid. (M)	Tumbler ID	Date On	Time On	Temp. C° On	Initials	Date Off	Time Off	Temp. C° Off	Initials	pH	1:1 HNO ₃ (mL)	Filter Initials	Comments
Organic	Metals	Wet Chem																
	<input checked="" type="checkbox"/>		Method Blank/PSC	✓	2000	6	3/13/18	05:08	23.4	TW	3/13/18	21:08	23.6	CTA	4.92	2.5mL	TW	
			L1806832-06	100											6.40			Flush
			-04												5.35			
			-07												6.21			
			-09												6.46			
			-10												5.48			
			-11												6.20			
			-12	✓	✓										6.19			✓
			L1806568-02	32	400										4.91			
			L1806664-01	100	2000										4.89			
			L1806666-01												5.15			
			-02												5.17			
			-03												5.58			
			L1806778-01	20	400										5.00			
			L1807015-01	100	3000										4.95			
			3/13/18 TW															

Page Scanned and Saved to TCLPEXT -> TCLPEXT Folder

Initials: TW
 Date: 3/13/18

WGA: 1093528

SPLP Fluid Lot #: <u>SPLP0227873</u>	1:1 HNO3	Temp(°C)	Unit ID: <u>257</u>	SPLP Fluid ID
prep. date: <u>02-27-18</u> pH: <u>4.21</u>	Lot#: <u>171403022018</u>	Max: <u>23.9</u>	Min: <u>22.6</u>	(circle one) <u>(#1)</u> DI

Sample Type (Check Column)			Sample Number	Amt. (g)	SPLP Fluid Vol. (mL)	Tumbler ID.	Date On	Time On	Temp. C° On	Initials	Date Off	Time Off	Temp. C° Off	Initials	pH	1:1 HNO3 (mL)	Filter Initials	Comments
Organic Metals	Wet Chem																	
X	X		PBSP (Prep Blank SPLP)	-	2000	13	3/1/18	17:42	23.6	EYA	3/1/18	09:42	23.3	LF	4.65	2.5ml	LF	Don't know what was there before filtering
			L1806872-01	100											10.24			Rush
			-02												10.57			
			-03												10.42			
			-04												9.71			
			-05												10.20			
			-06												10.28			
			-07												9.67			
			-08												9.87			
			-09												10.84			
			-10												9.96			
			-11												9.59			
			-12			✓									10.17			✓
			L1806936-01												10.50			
			L1805999-01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10.12	✓	✓	

Page Scanned and Saved to TCLPEXT -> SPLPEXT Folder

Initials: _____
 Date: _____

True Values

MERCURY TRUE VALUE CRITERIA

CV	1.00
LCW	1.25
MS	1.50
CCV	1.25

As of 6/1/13, Mercury True Value criteria is as follows:

ICV	3 ug/l
LCSW	1 ug/l
MS(aq)	5 ug/l
MS(soil)	1 ug/l
CCV	10 ug/l

• Certificate of Analysis •

Product: Metals in Soil
Catalog Number: 620
Lot No.: D093-542
Cert. Issue Date: June 29, 2015
Expiration Date: October 31, 2019
Revision Number: 2.0
Revision Date: May 29, 2017

Analytical values are included as part of the certification and are reported separately from the Certificate of Analysis. Please refer to the product web resources for details and to the lot 000002.

Convert to %

Certified Value

Reference Value

Parameter	Certified Value ^a	Reference Value ^b	Uncertainty ^c	QC Performance Acceptance Limits ^d	PJ Performance Acceptance Limits ^e
	mg/kg	mg/kg	%	mg/kg	mg/kg
Aluminum	56700	8770	2.68	4780 - 10900	3500 - 12900
Antimony	245	117	3.49	21 - 295	24.5 - 295
Arsenic	31.5	29.5	47.6	20.8 - 38.5	18.3 - 57.9
Barium	213	195	5.95	164 - 230	145 - 251
Bismuth	97.5	92.0	5.26	76.3 - 106	68.5 - 116
Calcium	147	120	4.66	87.8 - 150	72.0 - 168
Cadmium	76.6	71.5	5.50	59.4 - 83.6	52.3 - 140.8
Chromium	12400	6310	0.498	4200 - 2400	34.00 - 2960
Chromium	102	102	6.10	81.7 - 122	70.8 - 133
Cobalt	54.2	51.2	5.25	43.2 - 59.5	39.2 - 64.6
Copper	164	153	8.22	125 - 180	115 - 190
Iron	29900	15000	5.38	7170 - 21200	5500 - 24700
Lead	155	130	8.13	114 - 163	104 - 176
Magnesium	4550	2760	1.81	2120 - 5410	1790 - 1730
Manganese	476	270	6.16	270 - 290	199 - 340
Molybdenum	6.55	6.55	3.92	4.82 - 8.53	3.41 - 9.01
Nickel	45.0	39.1	6.35	30.8 - 47.3	26.0 - 52.9
Niobium	144	129	5.50	107 - 151	94.0 - 164
Potassium	29200	2420	3.22	1720 - 3110	1460 - 3370
Selenium	87.0	62.6	5.60	47.4 - 73.9	38.8 - 84.5
Silver	38.0	35.2	8.26	27.6 - 45.2	23.9 - 48.9
Sodium	14400	819	7.50	588 - 1050	475 - 1160
Strontium	264	88.4	7.51	72.0 - 105	62.1 - 115

• Certificate of Analysis •

Parameter	Certified Value ¹	Reference Value ²	Uncertainty ³	GC Performance Acceptance Limits ⁴	PT Performance Acceptance Limits ⁴
	mg/kg	mg/kg	%	mg/kg	mg/kg
Lead	111	101	7.96	90.0 - 122	67.6 - 134
Tin	95.4	85.8	6.45	56.3 - 105	47.4 - 124
Tungsten	2540	477	4.50	155 - 500	157 - 791
Lithium	631	601	3.32	42.5 - 711	319 - 884
Vanadium	180	81.1	11.1	61.5 - 991	53.4 - 110
Zinc	247	220	6.15	145 - 261	137 - 269

ANALYTICAL VERIFICATION

Parameter	Certified Value ¹	Proficiency Testing Study			NIST Traceability	
		Mean	Recovery ²	n	SRM Number	Recovery ³
Aluminum	59700	8770	88.2	152	-	-
Antimony	246	117	47.8	103	-	-
Arsenic	31.5	29.6	96.4	191	-	-
Barium	813	198	90.8	181	-	-
Beryllium	97.5	92.0	95.5	172	-	-
Boron	147	170	79.3	115	-	-
Cadmium	76.3	71.5	93.7	188	-	-
Calcium	12700	6310	68.3	139	-	-
Chromium	130	107	91.8	185	-	-
Cobalt	54.2	51.4	96.9	170	-	-
Copper	164	153	91.8	183	-	-
Iron	23800	15200	93.2	151	-	-
Lead	155	137	95.0	202	-	-
Magnesium	4550	2760	91.7	144	-	-
Manganese	475	275	96.0	172	-	-
Mercury	6.05	6.86	100	129	-	-
Molybdenum	45.9	39.1	98.6	171	-	-
Nickel	144	129	91.6	192	-	-
Potassium	26200	2420	91.8	143	-	-

• Certificate of Analysis •

Parameter	Certified Value ¹	Proficiency Testing Study			NIST Traceability	
		Mean	Recovery ²	n	SRM Number	Recovery
	mg/kg	mg/kg	%			%
Barium	610	606	99.3	131	-	-
Boron	38.0	36.4	95.8	173	-	-
Cadmium	14400	819	92.3	142	-	-
Strontium	264	284	107	115	-	-
Cobalt	117	107	90.6	171	-	-
Cu	96.4	86.8	89.9	125	-	-
Chromium	2540	277	90.0	119	-	-
Lead	63.7	60.7	95.1	25	-	-
Vanadium	120	81.3	82.0	146	-	-
Zinc	247	293	105	120	-	-

• Certificate of Analysis •

Product: Met. Std. 5g
Catalog Number: 540
Lot No: 03045 540
Certificate Issue Date: June 29, 2017
Expiration Date: January 31, 2018
Revision Number: Original

Product use instructions are included as part of the certification packet and are paginated separately from this Certificate of Analysis. Please reference the product use instructions for catalog #540 revision 030512.

Certificate # 030512

Parameter	Certified Value ¹	Reference Value ²	Uncertainty ³	QC Performance	PT Performance
				Acceptance Limits ⁴	Acceptance Limits ⁴
	mg/kg	mg/kg	%	mg/kg	mg/kg
Aluminum	10100	1300	n/c	3680 - 12100	3070 - 12700
Antimony	184	98.5	1.61	6.37 - 191	18.4 - 253
Arsenic	178	166	1.85	138 - 194	117 - 215
Boron	228	213	9.52	1.75 - 251	156 - 270
Beryllium	61.3	58.0	8.37	43.3 - 57.7	42.5 - 73.5
Bismuth	91.7	89.1	2.22	45.8 - 89.3	41.5 - 101
Chromium	143	119	6.88	106 - 151	94.2 - 151
Calcium	5190	4720	6.51	3840 - 6530	3120 - 6010
Chromium	107	101	3.05	83.4 - 120	70.5 - 132
Cobalt	71.4	68.4	8.06	57.4 - 75.5	50.8 - 86.8
Copper	116	110	1.37	91.9 - 128	81.9 - 138
Cadmium	15000	14100	10.5	8110 - 19700	4950 - 23300
Lead	210	200	8.96	167 - 238	151 - 254
Magnesium	2570	2290	4.81	1730 - 3950	1420 - 3160
Manganese	363	313	5.74	1304 - 438	280 - 460
Mercury	23.7	12.8	1.54	6.40 - 19.1	6.58 - 26.1
Molybdenum	32.8	32.4	n/c	25.5 - 39.2	20.3 - 44.4
Nickel	66.4	87.1	8.60	71.8 - 102	62.6 - 112
Potassium	2470	1990	6.19	1380 - 2610	1140 - 2830
Selenium	130	117	6.86	91.2 - 141	77.0 - 116
Silver	91.4	88.6	8.20	62.3 - 104	58.4 - 115
Sodium	590	621	6.19	458 - 785	338 - 504
Strontium	59.1	58.6	13.0	48.9 - 70.3	41.5 - 77.6
Thallium	156	142	9.14	114 - 169	96.6 - 187

• Certificate of Analysis •

Parameter	Certified Value ¹	Reference Value ²	Uncertainty ³	GC Performance Acceptance Limits ⁴	PT Performance Acceptance Limits ⁵
	mg/kg	mg/kg	%	mg/kg	mg/kg
Ti	151	135	6.93	106 - 165	80.1 - 191
Tantalum	450	338	3.79	61.5 - 606	63.5 - 601
Barium	113	109	3.77	81.0 - 135	75.4 - 143
Vanadium	194	97.5	8.44	75.9 - 117	63.1 - 131
Zinc	254	240	4.69	144 - 256	170 - 311

ANALYTICAL VERIFICATION

Parameter	Certified Value ¹	Proficiency Testing Study			NIST Traceability	
		Mean	Recovery ⁵	n	SRM Number	Recovery
	mg/kg	mg/kg	%			%
Aluminum	12100	7900	78.2	149	-	-
Antimony	184	149.5	52.5	158	-	-
Arsenic	178	166	93.3	192	-	-
Barium	229	213	93.4	165	-	-
Beryllium	613	58.0	94.6	165	-	-
Boron	91.7	69.1	75.4	108	-	-
Cadmium	143	129	69.9	189	-	-
Calcium	5190	4720	90.9	131	-	-
Chromium	157	131	94.9	124	-	-
Cobalt	71.4	68.4	95.9	154	-	-
Copper	116	116	94.6	151	-	-
Iron	15000	14100	93.9	144	-	-
Lead	213	203	96.5	200	-	-
Magnesium	2570	2290	89.1	137	-	-
Manganese	363	370	96.6	158	-	-
Mercury	23.7	12.8	53.8	128	-	-
Molybdenum	28.8	22.4	89.5	154	-	-
Nickel	96.4	87.1	51.3	184	-	-
Paladium	2420	1990	27.4	191	-	-
Selenium	139	117	89.7	179	-	-

• Certificate of Analysis •

Parameter	Certified Value ^a	Proficiency Testing Study			NIST Traceability	
		Mean	Recovery ^b	n	SRM Number	Recovery
	mg/L	mg/L	%			%
Silver	51.4	50.6	98.5	158	-	-
Sodium	690	621	90.0	125	-	-
Strontium	59.1	59.6	101	93	-	-
Thallium	155	142	91.6	161	-	-
Van	151	135	89.6	109	-	-
Titanium	450	336	74.6	134	-	-
Uranium	110	109	99.2	31	-	-
Vanadium	104	97.0	93.3	153	-	-
Zinc	254	240	94.6	182	-	-

• Certificate of Analysis •

1. The Certificate of Analysis (COA) is the product of a testing program performed by EPA analytical facilities. The product when purchased will be a 200 mg sample of a specific material of known composition. The product is not a standard reference material. The product is not a standard reference material.
2. The impurities in the COA are listed in the table below. The analytical method used to determine the impurities is listed in the table below. The analytical method used to determine the impurities is listed in the table below.
3. The COA Performance Acceptance Limits (PALs) are based on actual data from the data collected at EPA's Performance Testing Program. The COA PALs are based on the actual data from the data collected at EPA's Performance Testing Program. The COA PALs are based on the actual data from the data collected at EPA's Performance Testing Program.
4. The COA Performance Acceptance Limits (PALs) are based on the regression equations and bias acceptance criteria specified in the COA. The COA PALs are based on the regression equations and bias acceptance criteria specified in the COA. The COA PALs are based on the regression equations and bias acceptance criteria specified in the COA.
5. The COA Data Reliability data include the mean value, percent recovery, and number of samples analyzed by the laboratory. The COA Data Reliability data include the mean value, percent recovery, and number of samples analyzed by the laboratory. The COA Data Reliability data include the mean value, percent recovery, and number of samples analyzed by the laboratory.
6. The Reference Values are equal to the mean value of the data collected at EPA's Performance Testing Program. The Reference Values are equal to the mean value of the data collected at EPA's Performance Testing Program. The Reference Values are equal to the mean value of the data collected at EPA's Performance Testing Program.
7. The impurities in the product such as metals, etc. are not included in the table below. The impurities in the product such as metals, etc. are not included in the table below. The impurities in the product such as metals, etc. are not included in the table below.

If you have any questions or need technical assistance, please call EPA technical assistance at 1-800-372-0122 or send an email to info@eraqc.com.

Certifying Officer

Brian Miller

Quality Officer

Patrick Larson





Organics

**PAH/PCB Congeners
by Method 8270
Selective Ion Monitoring**

Initial Calibration

Response Factor Report BNA2

Method Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Method File : 209CONG0224BNA2.M
 Title : Method 680 PCB's by GC/MS
 Last Update : Mon Feb 26 16:06:47 2018
 Response Via : Initial Calibration

Calibration Files

.5 =F202241802.D 1 =F202241803.D 10 =F202241804.D 20 =F202241805.D 50 =F202241806.D
 200 =F202241807.D 500 =F202241808.D

Compound	.5	1	10	20	50	200	500	Avg	%RSD
-----ISTD-----									
1) i C12-BZ#15-C13									
2) s C13-BZ#19-C13 ...	0.366	0.347	0.335	0.344	0.351	0.354	0.366	0.352	3.17
3) A1 C11-BZ#1-Cal/RTW	0.951	0.910	0.892	0.916	0.918	0.922	0.942	0.922	2.16
4) A2 Monochlorobiph...	0.951	0.910	0.892	0.916	0.918	0.922	0.942	0.922	2.16
5) A2 C11- conf Ion	0.951	0.910	0.892	0.916	0.918	0.922	0.942	0.922	2.16
6) T C11-BZ#2	1.014	0.947	0.922	0.952	0.967	0.979	1.008	0.970	3.42
7) T C11-BZ#3-RTW	0.956	0.923	0.914	0.942	0.956	0.973	1.001	0.952	3.09
8) T C12-BZ#4/#10-RTW	0.552	0.547	0.532	0.558	0.560	0.568	0.581	0.557	2.81
9) T C12-BZ#9	0.709	0.687	0.681	0.711	0.719	0.739	0.767	0.716	4.15
10) T C12-BZ#7	0.676	0.668	0.670	0.699	0.710	0.723	0.738	0.698	3.93
11) T C12-BZ#6	0.793	0.734	0.728	0.755	0.771	0.785	0.812	0.768	4.03
12) T C12-BZ#5	0.732	0.682	0.657	0.679	0.694	0.706	0.734	0.698	4.07
13) A1 C12-BZ#8	0.780	0.783	0.748	0.785	0.798	0.820	0.842	0.794	3.82
14) A2 Dichlorobiphenyls	0.780	0.783	0.748	0.785	0.798	0.820	0.842	0.794	3.82
15) A2 C12-Conf Ion	0.780	0.783	0.748	0.785	0.798	0.820	0.842	0.794	3.82
16) T C13-BZ#19-RTW	0.411	0.387	0.369	0.384	0.389	0.397	0.407	0.392	3.67
17) T C12-BZ#14	0.754	0.737	0.723	0.752	0.774	0.797	0.825	0.766	4.63
18) T C13-BZ#30	0.611	0.612	0.594	0.621	0.630	0.647	0.666	0.626	3.88
19) T C13-BZ#18	0.465	0.436	0.406	0.424	0.429	0.437	0.452	0.436	4.37
20) T C12-BZ#11	0.805	0.777	0.772	0.815	0.841	0.867	0.877	0.822	5.05
21) T C13-BZ#17	0.434	0.386	0.375	0.397	0.407	0.414	0.425	0.406	5.16
22) T C12-BZ#12	0.712	0.676	0.692	0.719	0.739	0.762	0.791	0.727	5.50
23) T C13-BZ#27	0.550	0.544	0.530	0.559	0.571	0.583	0.595	0.562	4.05
24) T C12-BZ#13	0.800	0.836	0.786	0.819	0.848	0.874	0.903	0.838	4.89
25) T C13-BZ#24	0.568	0.566	0.544	0.571	0.585	0.596	0.612	0.577	3.88
26) T C13-BZ#16	0.369	0.350	0.333	0.349	0.352	0.359	0.369	0.354	3.61
27) T C13-BZ#32	0.652	0.607	0.579	0.605	0.617	0.631	0.649	0.620	4.18
28) T C12-BZ#15-RTW	0.873	0.873	0.818	0.845	0.845	0.837	0.852	0.849	2.33
29) T C13-BZ#34	0.573	0.554	0.552	0.577	0.585	0.598	0.617	0.579	3.99
30) T C13-BZ#23	0.569	0.521	0.535	0.567	0.580	0.596	0.612	0.569	5.62
31) T C14-BZ#54-RTW	0.526	0.510	0.505	0.532	0.538	0.544	0.556	0.530	3.39

Response Factor Report BNA2

Method Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Method File : 209CONG0224BNA2.M
 Title : Method 680 PCB's by GC/MS
 Last Update : Mon Feb 26 16:06:47 2018
 Response Via : Initial Calibration

Calibration Files

.5 =F202241802.D 1 =F202241803.D 10 =F202241804.D 20 =F202241805.D 50 =F202241806.D
 200 =F202241807.D 500 =F202241808.D

Compound	.5	1	10	20	50	200	500	Avg	%RSD
32) A1 Cl3-BZ#29-Cal	0.553	0.566	0.537	0.570	0.579	0.597	0.617	0.574	4.67
33) A2 Trichlorobiphe...	0.553	0.566	0.537	0.570	0.579	0.597	0.617	0.574	4.67
34) A2 Cl3- Conf Ion	0.553	0.566	0.537	0.570	0.579	0.597	0.617	0.574	4.67
35) A1 Cl4-BZ#50-Cal	0.458	0.417	0.417	0.436	0.446	0.455	0.470	0.443	4.57
36) A2 Tetrachlorobip...	0.458	0.417	0.417	0.436	0.446	0.455	0.470	0.443	4.57
37) A2 Cl4-Conf Ion	0.458	0.417	0.417	0.436	0.446	0.455	0.470	0.443	4.57
38) T Cl3-BZ#26	0.675	0.609	0.601	0.630	0.645	0.665	0.682	0.644	4.94
39) T Cl3-BZ#25	0.603	0.628	0.588	0.616	0.630	0.650	0.674	0.627	4.62
40) T Cl4-BZ#53	0.499	0.468	0.467	0.486	0.487	0.499	0.513	0.489	3.51
41) T Cl3-BZ#-31	0.858	0.901	0.803	0.845	0.864	0.885	0.904	0.866	4.09
42) T Cl3-BZ#28	0.869	0.828	0.784	0.830	0.858	0.877	0.924	0.853	5.21
43) T Cl3-BZ#33	0.542	0.555	0.557	0.619	0.644	0.646	0.693	0.608	9.48
44) T Cl3-BZ#21/#20	0.708	0.749	0.746	0.770	0.795	0.812	0.808	0.770	4.95
45) T Cl4-BZ#51	0.538	0.484	0.515	0.543	0.561	0.564	0.570	0.539	5.70
46) T Cl4-BZ#45	0.419	0.400	0.400	0.417	0.429	0.436	0.447	0.421	4.18
47) T Cl3-BZ#22	0.714	0.703	0.711	0.751	0.770	0.783	0.818	0.750	5.74
48) T Cl4-BZ#73/#46	0.514	0.549	0.535	0.563	0.586	0.589	0.604	0.563	5.75
49) T Cl4-BZ#69	0.631	0.648	0.632	0.667	0.687	0.703	0.740	0.673	5.97
50) T Cl4-BZ#43	0.449	0.433	0.423	0.441	0.447	0.460	0.457	0.444	2.97
51) T Cl3-BZ#36	0.747	0.757	0.794	0.847	0.867	0.904	0.925	0.835	8.43
52) T Cl4-BZ#52	0.601	0.527	0.504	0.535	0.546	0.552	0.562	0.547	5.57
53) T Cl4-BZ#48	0.461	0.457	0.459	0.489	0.501	0.508	0.525	0.486	5.59
54) T Cl4-BZ#49	0.553	0.514	0.479	0.511	0.526	0.533	0.544	0.523	4.67
55) T Cl5-BZ#104-RTW	0.512	0.534	0.523	0.539	0.548	0.556	0.566	0.540	3.46
56) T Cl4-BZ#47	0.635	0.602	0.600	0.497	0.525	0.529	0.558	0.564	8.87
57) T Cl4-BZ#65/#75/#62	0.608	0.598	0.601	0.682	0.703	0.716	0.729	0.662	8.76
58) T Cl3-BZ#39	0.720	0.733	0.726	0.764	0.781	0.811	0.848	0.769	6.22
59) T Cl3-BZ#38	0.651	0.679	0.705	0.757	0.776	0.801	0.822	0.742	8.68
60) T Cl4-BZ#44	0.417	0.470	0.429	0.454	0.458	0.469	0.488	0.455	5.39
61) T Cl4-BZ#59	0.653	0.685	0.651	0.644	0.660	0.672	0.706	0.667	3.28
62) T Cl4-BZ#42	0.436	0.387	0.378	0.440	0.453	0.463	0.470	0.432	8.36
63) T Cl4-BZ#71	0.699	0.677	0.663	0.693	0.706	0.724	0.744	0.701	3.92

Response Factor Report BNA2

Method Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Method File : 209CONG0224BNA2.M
 Title : Method 680 PCB's by GC/MS
 Last Update : Mon Feb 26 16:06:47 2018
 Response Via : Initial Calibration

Calibration Files

.5 =F202241802.D 1 =F202241803.D 10 =F202241804.D 20 =F202241805.D 50 =F202241806.D
 200 =F202241807.D 500 =F202241808.D

Compound	.5	1	10	20	50	200	500	Avg	%RSD
64) T C13-BZ#35	0.712	0.736	0.731	0.770	0.797	0.827	0.857	0.776	6.92
65) T C14-BZ#41	0.416	0.378	0.407	0.430	0.435	0.449	0.464	0.426	6.64
66) T C14-BZ#72	0.657	0.704	0.679	0.737	0.772	0.792	0.794	0.733	7.52
67) T C15-BZ#96	0.524	0.573	0.561	0.594	0.604	0.613	0.616	0.584	5.67
68) T C15-BZ#103	0.425	0.419	0.423	0.455	0.465	0.474	0.497	0.451	6.64
69) T C14-BZ#68/#64	0.628	0.617	0.642	0.685	0.713	0.722	0.747	0.679	7.49
70) T C14-BZ#40	0.331	0.308	0.313	0.329	0.339	0.346	0.350	0.331	4.83
71) T C13-BZ#37-RTW	0.924	0.996	0.970	1.027	1.063	1.093	1.146	1.031	7.34
72) T C15-BZ#100	0.481	0.447	0.457	0.486	0.501	0.505	0.527	0.486	5.71
73) T C15-BZ#94	0.302	0.318	0.361	0.367	0.377	0.388	0.400	0.359	10.10
74) T C14-BZ#57	0.660	0.651	0.697	0.740	0.772	0.792	0.796	0.730	8.35
75) T C14-BZ#67/#58	0.658	0.668	0.699	0.740	0.766	0.793	0.818	0.735	8.41
76) T C15-BZ#102	0.480	0.487	0.500	0.518	0.534	0.544	0.554	0.517	5.58
77) T C14-BZ#61	0.693	0.667	0.688	0.714	0.742	0.761	0.798	0.723	6.35
78) T C15-BZ#98	0.436	0.446	0.458	0.471	0.490	0.500	0.512	0.473	6.08
79) T C14-BZ#76	0.691	0.698	0.723	0.772	0.797	0.819	0.851	0.764	8.12
80) T C15-BZ#93	0.365	0.333	0.368	0.390	0.395	0.407	0.416	0.382	7.45
81) T C14-BZ#63	0.637	0.657	0.647	0.685	0.709	0.717	0.749	0.686	6.03
82) T C15-BZ#121/#95...	0.459	0.470	0.487	0.511	0.530	0.539	0.552	0.507	7.07
83) T C14-BZ#74	0.711	0.707	0.716	0.749	0.781	0.806	0.840	0.759	6.86
84) T C16-BZ#155-RTW	0.551	0.530	0.536	0.565	0.575	0.582	0.595	0.562	4.27
85) T C14-BZ#70	0.761	0.721	0.744	0.770	0.806	0.824	0.844	0.781	5.73
86) T C14-BZ#66	0.650	0.659	0.662	0.709	0.736	0.751	0.785	0.707	7.41
87) T C15-BZ#91	0.446	0.439	0.425	0.437	0.449	0.457	0.474	0.447	3.49
88) T C14-BZ#80	0.684	0.710	0.692	0.733	0.761	0.783	0.821	0.741	6.80
89) T C14-BZ#55	0.700	0.717	0.712	0.745	0.780	0.799	0.841	0.756	6.89
90) T C15-BZ#92	0.416	0.409	0.415	0.435	0.449	0.456	0.472	0.436	5.47
91) T C15-BZ#89/#84	0.400	0.406	0.393	0.415	0.429	0.434	0.446	0.418	4.69
92) T C15-BZ#101/#90	0.462	0.435	0.458	0.483	0.501	0.510	0.519	0.481	6.43
93) s C15-BZ#101-C13...	0.477	0.483	0.481	0.512	0.535	0.547	0.563	0.514	6.77
94) T C14-BZ#56	0.696	0.704	0.700	0.738	0.778	0.794	0.826	0.748	6.92
95) T C15-BZ#113	0.520	0.523	0.553	0.562	0.579	0.595	0.627	0.566	6.83

Response Factor Report BNA2

Method Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Method File : 209CONG0224BNA2.M
 Title : Method 680 PCB's by GC/MS
 Last Update : Mon Feb 26 16:06:47 2018
 Response Via : Initial Calibration

Calibration Files

.5 =F202241802.D 1 =F202241803.D 10 =F202241804.D 20 =F202241805.D 50 =F202241806.D
 200 =F202241807.D 500 =F202241808.D

Compound	.5	1	10	20	50	200	500	Avg	%RSD
96) T Cl5-BZ#99	0.540	0.511	0.516	0.535	0.550	0.564	0.587	0.543	4.91
97) T Cl6-BZ#150	0.589	0.573	0.573	0.599	0.619	0.621	0.644	0.602	4.46
98) T Cl4-BZ#60	0.777	0.733	0.745	0.791	0.827	0.842	0.881	0.800	6.71
99) T Cl6-BZ#152	0.599	0.614	0.618	0.656	0.667	0.671	0.696	0.646	5.57
100) T Cl5-BZ#119	0.634	0.567	0.626	0.668	0.685	0.704	0.722	0.658	8.09
101) T Cl5-BZ#83/#125...	0.523	0.504	0.520	0.546	0.566	0.579	0.596	0.548	6.22
102) T Cl5-BZ#86/#109	0.519	0.498	0.524	0.531	0.553	0.581	0.606	0.545	6.94
103) T Cl5-BZ#97	0.363	0.376	0.391	0.416	0.432	0.423	0.440	0.406	7.24
104) T Cl5-BZ#116	0.530	0.524	0.527	0.562	0.576	0.590	0.613	0.560	6.21
105) A1 Cl5-BZ#87/#111	0.503	0.505	0.515	0.551	0.570	0.584	0.605	0.548	7.45
106) A2 Pentachlorobip...	0.503	0.505	0.515	0.551	0.570	0.584	0.605	0.548	7.45
107) A2 Cl5-Conf Ion	0.503	0.505	0.515	0.551	0.570	0.584	0.605	0.548	7.45
108) T Cl6-BZ#145	0.672	0.621	0.631	0.666	0.685	0.685	0.708	0.667	4.63
109) T Cl6-BZ#148	0.451	0.430	0.427	0.453	0.467	0.471	0.490	0.456	4.96
110) T Cl4-BZ#79	0.703	0.687	0.676	0.736	0.757	0.784	0.811	0.736	6.91
111) A1 Cl6-BZ#154-Cal	0.499	0.513	0.492	0.519	0.540	0.549	0.573	0.527	5.49
112) A2 Hexachlorobiph...	0.499	0.513	0.492	0.519	0.540	0.549	0.573	0.527	5.49
113) A2 Cl6-Conf Ion	0.499	0.513	0.492	0.519	0.540	0.549	0.573	0.527	5.49
114) T Cl4-BZ#78	0.800	0.831	0.854	0.919	0.956	0.982	1.039	0.912	9.54
115) T Cl6-BZ#136	0.564	0.542	0.551	0.589	0.603	0.606	0.631	0.584	5.59
116) T Cl5-BZ#117	0.647	0.646	0.663	0.699	0.722	0.729	0.746	0.693	5.97
117) T Cl5-BZ#115	0.647	0.638	0.654	0.684	0.703	0.724	0.759	0.687	6.46
118) T Cl5-BZ#85	0.426	0.433	0.402	0.410	0.423	0.442	0.467	0.429	4.99
119) T Cl5-BZ#120	0.620	0.624	0.637	0.674	0.688	0.708	0.750	0.671	7.16
120) T Cl5-BZ#110	0.689	0.619	0.604	0.631	0.654	0.668	0.672	0.648	4.78
121) T Cl4-BZ#81	0.689	0.715	0.695	0.724	0.754	0.775	0.824	0.739	6.51
122) i Cl7-BZ#180-C13	-----ISTD-----								
123) T Cl6-BZ#151	0.842	0.884	0.803	0.838	0.857	0.874	0.887	0.855	3.50
124) T Cl6-BZ#135	0.881	0.825	0.868	0.899	0.936	0.944	0.959	0.902	5.30
125) T Cl5-BZ#82	0.710	0.722	0.746	0.774	0.797	0.818	0.833	0.771	6.15
126) T Cl6-BZ#144	0.889	0.795	0.834	0.876	0.902	0.922	0.937	0.879	5.65

Response Factor Report BNA2

Method Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Method File : 209CONG0224BNA2.M
 Title : Method 680 PCB's by GC/MS
 Last Update : Mon Feb 26 16:06:47 2018
 Response Via : Initial Calibration

Calibration Files

.5 =F202241802.D 1 =F202241803.D 10 =F202241804.D 20 =F202241805.D 50 =F202241806.D
 200 =F202241807.D 500 =F202241808.D

Compound	.5	1	10	20	50	200	500	Avg	%RSD
127) T Cl6-BZ#147/#149	0.989	0.872	0.880	0.927	0.951	0.967	0.985	0.939	5.10
128) T Cl4-BZ#77-RTW	1.242	1.198	1.185	1.256	1.315	1.367	1.417	1.283	6.77
129) T Cl6-BZ#143/#139	0.872	0.822	0.854	0.905	0.938	0.956	0.968	0.902	6.09
130) T Cl5-BZ#124	1.124	1.145	1.159	1.205	1.255	1.282	1.321	1.213	6.16
131) T Cl5-BZ#108	1.139	1.179	1.173	1.229	1.309	1.307	1.288	1.232	5.69
132) T Cl5-BZ#107/#123	1.279	1.199	1.248	1.297	1.334	1.401	1.437	1.314	6.37
133) T Cl6-BZ#140	0.866	0.864	0.818	0.847	0.889	0.905	0.914	0.872	3.86
134) A1 Cl7-BZ#188-Cal...	0.975	0.961	0.981	1.029	1.067	1.077	1.086	1.025	5.14
135) A2 Heptachlorobip...	0.975	0.961	0.981	1.029	1.067	1.077	1.086	1.025	5.14
136) A2 Cl7-Conf Ion	0.975	0.961	0.981	1.029	1.067	1.077	1.086	1.025	5.14
137) T Cl6-BZ#134	0.695	0.658	0.707	0.756	0.780	0.799	0.807	0.743	7.69
138) T Cl5-BZ#106	1.068	1.039	1.064	1.255	1.333	1.197	1.405	1.194	12.05
139) T Cl6-BZ#133	1.065	0.897	0.947	1.015	1.080	1.052	1.024	1.011	6.58
140) T Cl6-BZ#142	0.706	0.637	0.646	0.660	0.642	0.712	0.755	0.680	6.65
141) T Cl5-BZ#118	1.142	1.086	1.085	1.147	1.188	1.217	1.249	1.159	5.41
142) T Cl6-BZ#131	0.798	0.730	0.729	0.782	0.794	0.817	0.832	0.783	5.12
143) T Cl7-BZ#184	1.020	0.986	0.944	1.008	1.030	1.044	1.061	1.013	3.82
144) T Cl6-BZ#165	1.079	1.037	1.032	1.100	1.133	1.161	1.170	1.102	5.08
145) T Cl6-BZ#146	0.972	0.912	0.918	0.949	0.976	1.000	1.024	0.964	4.28
146) T Cl6-BZ#161	1.204	1.145	1.143	1.211	1.262	1.304	1.320	1.227	5.80
147) T Cl5-BZ#122	1.034	1.006	1.001	1.052	1.094	1.134	1.156	1.068	5.74
148) T Cl6-BZ#168	1.209	1.095	1.091	1.170	1.240	1.233	1.215	1.179	5.34
149) T Cl5-BZ#114	1.133	1.064	1.112	1.161	1.213	1.248	1.282	1.173	6.65
150) T Cl6-BZ#153	1.085	1.012	0.996	1.010	1.024	1.080	1.141	1.050	5.09
151) s Cl6-BZ#153-C13...	0.962	0.816	0.856	0.911	0.945	0.963	0.982	0.919	6.73
152) T Cl6-BZ#132	0.857	0.850	0.797	0.822	0.847	0.855	0.870	0.842	2.97
153) T Cl7-BZ#179	1.064	1.039	1.004	1.029	1.052	1.058	1.078	1.046	2.35
154) T Cl6-BZ#141	0.868	0.810	0.792	0.828	0.852	0.864	0.886	0.843	4.01
155) T Cl7-BZ#176	1.032	0.985	0.940	0.968	0.993	1.007	1.030	0.994	3.33
156) T Cl5-BZ#105	1.428	1.491	1.334	1.391	1.420	1.475	1.508	1.435	4.26
157) T Cl6-BZ#137	0.799	0.823	0.833	0.861	0.890	0.912	0.929	0.864	5.62
158) T Cl5-BZ#127	1.541	1.587	1.488	1.518	1.578	1.633	1.674	1.574	4.12

Response Factor Report BNA2

Method Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Method File : 209CONG0224BNA2.M
 Title : Method 680 PCB's by GC/MS
 Last Update : Mon Feb 26 16:06:47 2018
 Response Via : Initial Calibration

Calibration Files

.5 =F202241802.D 1 =F202241803.D 10 =F202241804.D 20 =F202241805.D 50 =F202241806.D
 200 =F202241807.D 500 =F202241808.D

Compound	.5	1	10	20	50	200	500	Avg	%RSD
159) T Cl7-BZ#186	1.091	1.023	1.075	1.102	1.137	1.145	1.167	1.106	4.42
160) T Cl6-BZ#130/#164	0.999	0.954	0.954	0.989	1.030	1.051	1.077	1.008	4.68
161) T Cl7-BZ#178	0.777	0.735	0.711	0.740	0.768	0.779	0.793	0.758	3.88
162) T Cl6-BZ#138	1.059	0.997	0.971	0.982	1.031	1.045	1.086	1.024	4.15
163) T Cl6-BZ#163/#160	1.070	1.103	1.105	1.165	1.203	1.224	1.239	1.158	5.73
164) T Cl6-BZ#129/#158	0.936	0.942	0.910	0.950	0.969	1.003	1.050	0.966	4.90
165) T Cl7-BZ#182/#175	0.805	0.808	0.837	0.872	0.905	0.919	0.926	0.867	5.93
166) T Cl7-BZ#187	0.881	0.907	0.851	0.870	0.896	0.894	0.919	0.888	2.61
167) T Cl7-BZ#183	0.853	0.823	0.814	0.851	0.867	0.873	0.895	0.854	3.29
168) T Cl6-BZ#166	1.294	1.194	1.190	1.237	1.274	1.289	1.331	1.258	4.24
169) T Cl6-BZ#159	1.208	1.248	1.189	1.233	1.277	1.304	1.351	1.258	4.47
170) T Cl5-BZ#126-RTW	1.402	1.520	1.455	1.516	1.576	1.623	1.681	1.539	6.24
171) T Cl7-BZ#185	0.886	0.718	0.735	0.775	0.796	0.814	0.835	0.794	7.33
172) T Cl6-BZ#162	1.138	1.023	1.113	1.213	1.188	1.221	1.267	1.166	7.01
173) T Cl7-BZ#174	0.787	0.753	0.758	0.779	0.801	0.813	0.828	0.788	3.51
174) T Cl6-BZ#128	0.889	0.772	0.821	0.849	0.878	0.902	0.926	0.862	6.11
175) T Cl6-BZ#167	1.488	1.492	1.480	1.521	1.572	1.609	1.670	1.547	4.66
176) T Cl8-BZ#202-RTW	0.923	0.807	0.854	0.883	0.912	0.924	0.942	0.892	5.32
177) s Cl8-BZ#202-C13...	1.071	0.901	0.873	0.905	0.941	0.939	0.964	0.942	6.83
178) T Cl7-BZ#181	0.842	0.809	0.846	0.895	0.920	0.934	0.959	0.886	6.25
179) T Cl7-BZ#177	0.768	0.720	0.763	0.757	0.779	0.789	0.805	0.769	3.51
180) A1 Cl8-BZ#204/#20...	0.891	0.829	0.833	0.865	0.892	0.903	0.921	0.876	4.03
181) A2 Octachlorobiph...	0.891	0.829	0.833	0.865	0.892	0.903	0.921	0.876	4.03
182) A2 Cl8-Conf Ion	0.891	0.829	0.833	0.865	0.892	0.903	0.921	0.876	4.03
183) T Cl7-BZ#171	0.725	0.742	0.730	0.745	0.763	0.771	0.794	0.753	3.23
184) T Cl7-BZ#173	0.720	0.777	0.707	0.723	0.745	0.749	0.771	0.742	3.54
185) T Cl7-BZ#172	0.826	0.782	0.769	0.780	0.790	0.805	0.829	0.797	2.93
186) T Cl7-BZ#192	1.036	1.056	1.061	1.075	1.112	1.137	1.168	1.092	4.39
187) T Cl6-BZ#156	1.290	1.099	1.139	1.178	1.212	1.239	1.285	1.206	5.99
188) T Cl6-BZ#157	1.336	1.206	1.178	1.225	1.247	1.249	1.279	1.246	4.12
189) T Cl7-BZ#180	0.970	0.959	0.986	0.945	0.961	0.946	1.024	0.970	2.86
190) T Cl7-BZ#193	1.024	1.025	0.910	1.005	1.020	1.022	0.983	0.998	4.19

Response Factor Report BNA2

Method Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Method File : 209CONG0224BNA2.M
 Title : Method 680 PCB's by GC/MS
 Last Update : Mon Feb 26 16:06:47 2018
 Response Via : Initial Calibration

Calibration Files

.5 =F202241802.D 1 =F202241803.D 10 =F202241804.D 20 =F202241805.D 50 =F202241806.D
 200 =F202241807.D 500 =F202241808.D

Compound		.5	1	10	20	50	200	500	Avg	%RSD
191) T	Cl8-BZ#197	0.917	0.851	0.859	0.887	0.905	0.908	0.934	0.894	3.44
192) T	Cl7-BZ#191	1.071	0.997	0.985	1.019	1.041	1.057	1.086	1.037	3.64
193) T	Cl8-BZ#199	0.915	0.904	0.848	0.868	0.887	0.891	0.908	0.889	2.66
194) T	Cl8-BZ#198	0.810	0.689	0.737	0.770	0.703	0.782	0.789	0.754	6.04
195) T	Cl8-BZ#201	0.710	0.612	0.619	0.618	0.701	0.634	0.662	0.651	6.29
196) T	Cl7-BZ#170	0.771	0.786	0.699	0.726	0.746	0.752	0.778	0.751	4.09
197) T	Cl7-BZ#190	1.037	1.068	1.067	1.086	1.106	1.128	1.161	1.093	3.82
198) T	Cl8-BZ#196	0.757	0.686	0.641	0.685	0.721	0.720	0.730	0.706	5.37
199) T	Cl8-BZ#203	0.728	0.738	0.749	0.767	0.770	0.778	0.809	0.763	3.59
200) T	Cl6-BZ#169-RTW	1.317	1.356	1.239	1.294	1.330	1.361	1.426	1.332	4.41
201) T	Cl9-BZ#208-RTW	1.142	0.924	0.878	0.903	0.910	0.908	0.936	0.943	9.49
202) T	Cl9-BZ#207	0.948	0.891	0.891	0.910	0.928	0.925	0.950	0.921	2.64
203) T	Cl7-BZ#189-RTW	0.998	1.027	0.936	0.968	0.987	1.003	1.048	0.995	3.71
204) T	Cl8-BZ#195	0.682	0.762	0.656	0.674	0.680	0.692	0.710	0.694	4.97
205) T	Cl8-BZ#194	0.808	0.758	0.705	0.714	0.729	0.730	0.754	0.743	4.69
206) T	Cl8-BZ#205-RTW	1.051	0.897	0.853	0.878	0.886	0.888	0.919	0.910	7.15
207) A1	Cl9-BZ#206-Cal...	0.823	0.747	0.727	0.737	0.749	0.751	0.778	0.759	4.26
208) A2	Nonachlorobiph...	0.823	0.747	0.727	0.737	0.749	0.751	0.778	0.759	4.26
209) A2	Cl9-Conf Ion	0.823	0.747	0.727	0.737	0.749	0.751	0.778	0.759	4.26
210) A1	Cl10-BZ#209-Ca...	0.773	0.739	0.734	0.747	0.746	0.751	0.779	0.753	2.29
211) A2	Decachlorobiph...	0.773	0.739	0.734	0.747	0.746	0.751	0.779	0.753	2.29
212) A2	Cl10-Conf Ion	0.773	0.739	0.734	0.747	0.746	0.751	0.779	0.753	2.29

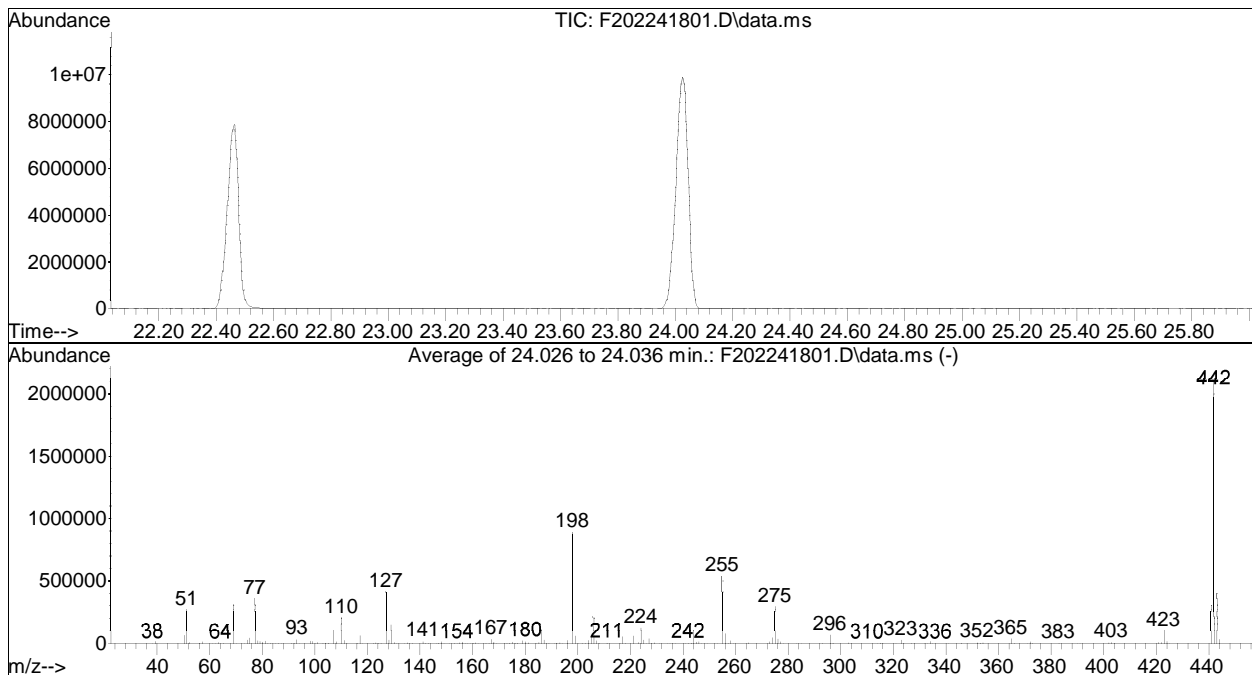
(#) = Out of Range

DFTPP

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241801.D
 Acq On : 24 Feb 2018 9:10 am
 Operator : BNA2:JT
 Sample : T202241801
 Misc : wgl092764,MSAS13 10X
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Title : Method 680 PCB's by GC/MS
 Last Update : Mon Feb 26 16:06:47 2018



AutoFind: Scans 2692, 2693, 2694; Background Corrected with Scan 2672

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	0.00	100	30.3	270208	PASS
68	69	0.00	100	0.0	0	PASS
69	198	0.00	100	34.6	308608	PASS
70	69	0.00	100	0.6	1774	PASS
127	198	30	80	46.6	415637	PASS
197	198	0.00	3	0.0	0	PASS
198	442	40	100	42.2	891456	PASS
199	198	5	15	6.6	58949	PASS
275	198	15	50	32.7	291499	PASS
365	198	3	100	4.3	38419	PASS
441	443	0.01	100	76.7	306475	PASS
442	442	100	100	100.0	2113195	PASS
443	442	18	30	18.9	399701	PASS

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241802.D
 Acq On : 24 Feb 2018 10:14 am
 Operator : BNA2:JT
 Sample : I202241801
 Misc : wgl092764,MSAT61,.5ug/l
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 26 15:36:51 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.912	234	564701	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.943	406	297378	200.000	ng/mL	0.02	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.993	268	516M4	0.366	ng/mL	0.00	
Spiked Amount	100.000	Range	50 - 125	Recovery	=	0.37%#	
93) C15-BZ#101-C13 (surr)	33.258	338	674	0.325	ng/mL	0.02	
Spiked Amount	100.000	Range	50 - 125	Recovery	=	0.33%#	
151) C16-BZ#153-C13 (surr)	38.769	372	715	0.335	ng/mL	-0.02	
Spiked Amount	100.000	Range	50 - 125	Recovery	=	0.34%#	
177) C18-BZ#202-C13 (surr)	42.990	442	796	0.428	ng/mL	0.00	
Spiked Amount	100.000	Range	50 - 125	Recovery	=	0.43%#	
Target Compounds							
3) C11-BZ#1-Cal/RTW	14.584	188	1343	0.352	ng/mL	92	Qvalue
4) Monochlorobiphenyls	0.000		0	N.D.	d		
5) C11- conf Ion	0.000		0	N.D.	d		
6) C11-BZ#2	16.666	188	1431	0.384	ng/mL	98	
7) C11-BZ#3-RTW	17.133	188	1349M4	0.364	ng/mL		
8) C12-BZ#4/#10-RTW	17.551	222	1559	0.656	ng/mL	98	
9) C12-BZ#9	19.119	222	1001	0.357	ng/mL	97	
10) C12-BZ#7	19.216	222	954M4	0.353	ng/mL		
11) C12-BZ#6	19.642	222	1120	0.377	ng/mL	89	
12) C12-BZ#5	20.084	222	1034	0.361	ng/mL	98	
13) C12-BZ#8	20.229	222	1101	0.350	ng/mL	94	
14) Dichlorobiphenyls	0.000		0	N.D.	d		
15) C12-Conf Ion	0.000		0	N.D.	d		
16) C13-BZ#19-RTW	21.017	256	580M4	0.351	ng/mL		
17) C12-BZ#14	21.154	222	1064	0.368	ng/mL	97	
18) C13-BZ#30	21.572	256	862	0.341	ng/mL	96	
19) C13-BZ#18	22.376	256	656	0.376	ng/mL	95	
20) C12-BZ#11	22.513	222	1137	0.359	ng/mL	98	
21) C13-BZ#17	22.585	256	613M4	0.372	ng/mL		
22) C12-BZ#12	22.915	222	1005	0.364	ng/mL	97	
23) C13-BZ#27	22.955	256	776M4	0.341	ng/mL		
24) C12-BZ#13	23.196	222	1130	0.355	ng/mL	96	
25) C13-BZ#24	23.220	256	802	0.357	ng/mL	99	
26) C13-BZ#16	23.566	256	521	0.363	ng/mL	99	
27) C13-BZ#32	23.767	256	920	0.374	ng/mL	100	

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241802.D
 Acq On : 24 Feb 2018 10:14 am
 Operator : BNA2:JT
 Sample : I202241801
 Misc : wgl092764,MSAT61,.5ug/l
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 26 15:36:51 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
28) C12-BZ#15-RTW	23.928	222	1233	0.376	ng/mL	91
29) C13-BZ#34	24.161	256	809M4	0.356	ng/mL	
30) C13-BZ#23	24.338	256	803	0.357	ng/mL	98
31) C14-BZ#54-RTW	24.338	292	742M4	0.331	ng/mL	
32) C13-BZ#29-Cal	24.571	256	781	0.352	ng/mL	90
33) Trichlorobiphenyls	0.000		0	N.D.	d	
34) C13- Conf Ion	0.000		0	N.D.	d	
35) C14-BZ#50-Cal	25.070	292	647	0.356	ng/mL	91
36) Tetrachlorobiphenyls	0.000		0	N.D.	d	
37) C14-Conf Ion	0.000		0	N.D.	d	
38) C13-BZ#26	25.102	256	953	0.397	ng/mL	100
39) C13-BZ#25	25.303	256	851M4	0.351	ng/mL	
40) C14-BZ#53	25.794	292	705	0.358	ng/mL	98
41) C13-BZ#-31	25.876	256	1211	0.395	ng/mL	94
42) C13-BZ#28	26.075	256	1227	0.393	ng/mL	95
43) C13-BZ#33	26.158	256	765M3	0.272	ng/mL	
44) C13-BZ#21/#20	26.224	256	1999M3	0.715	ng/mL	
45) C14-BZ#51	26.207	292	760	0.353	ng/mL	95
46) C14-BZ#45	26.770	292	592M4	0.365	ng/mL	
47) C13-BZ#22	27.018	256	1008	0.358	ng/mL	98
48) C14-BZ#73/#46	27.151	292	1451	0.656	ng/mL	95
49) C14-BZ#69	27.432	292	891	0.346	ng/mL	91
50) C14-BZ#43	27.531	292	634	0.347	ng/mL	98
51) C13-BZ#36	27.564	256	1055	0.326	ng/mL	95
52) C14-BZ#52	27.664	292	849	0.389	ng/mL	91
53) C14-BZ#48	27.829	292	651	0.356	ng/mL	96
54) C14-BZ#49	27.978	292	780	0.391	ng/mL#	78
55) C15-BZ#104-RTW	28.193	326	723	0.334	ng/mL	93
56) C14-BZ#47	28.276	292	896M3	0.420	ng/mL	
57) C14-BZ#65/#75/#62	28.375	292	2573M3	0.988	ng/mL	
58) C13-BZ#39	28.425	256	1016	0.350	ng/mL	93
59) C13-BZ#38	28.558	256	919	0.321	ng/mL	94
60) C14-BZ#44	28.938	292	589	0.336	ng/mL	91
61) C14-BZ#59	29.170	292	922	0.363	ng/mL	94
62) C14-BZ#42	29.253	292	615M4	0.369	ng/mL	
63) C14-BZ#71	29.484	292	987	0.363	ng/mL	93
64) C13-BZ#35	29.617	256	1005	0.357	ng/mL	99
65) C14-BZ#41	29.716	292	587	0.370	ng/mL	99
66) C14-BZ#72	29.832	292	927	0.330	ng/mL	96
67) C15-BZ#96	29.865	326	740	0.318	ng/mL	87
68) C15-BZ#103	29.981	326	600	0.361	ng/mL	98

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241802.D
 Acq On : 24 Feb 2018 10:14 am
 Operator : BNA2:JT
 Sample : I202241801
 Misc : wgl092764,MSAT61,.5ug/l
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 26 15:36:51 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) C14-BZ#68/#64	30.146	292	1772	0.680	ng/mL	95
70) C14-BZ#40	30.262	292	467	0.370	ng/mL	98
71) C13-BZ#37-RTW	30.477	256	1305	0.353	ng/mL	94
72) C15-BZ#100	30.477	326	679	0.361	ng/mL	90
73) C15-BZ#94	30.577	326	426	0.296	ng/mL	88
74) C14-BZ#57	30.676	292	932	0.332	ng/mL	97
75) C14-BZ#67/#58	31.007	292	1858	0.662	ng/mL	98
76) C15-BZ#102	31.057	326	677	0.327	ng/mL	97
77) C14-BZ#61	31.371	292	979	0.356	ng/mL	100
78) C15-BZ#98	31.388	326	615	0.331	ng/mL	93
79) C14-BZ#76	31.520	292	976	0.323	ng/mL	93
80) C15-BZ#93	31.520	326	515	0.339	ng/mL	93
81) C14-BZ#63	31.619	292	899M4	0.340	ng/mL	
82) C15-BZ#121/#95/#88	31.686	326	1944	0.976	ng/mL	98
83) C14-BZ#74	31.901	292	1004	0.351	ng/mL	96
84) C16-BZ#155-RTW	32.033	360	778	0.352	ng/mL	97
85) C14-BZ#70	32.066	292	1075	0.322	ng/mL	93
86) C14-BZ#66	32.348	292	917	0.341	ng/mL	92
87) C15-BZ#91	32.215	326	629	0.359	ng/mL	93
88) C14-BZ#80	32.612	292	966	0.359	ng/mL	98
89) C14-BZ#55	32.811	292	988	0.355	ng/mL	97
90) C15-BZ#92	32.861	326	587	0.349	ng/mL	99
91) C15-BZ#89/#84	33.126	326	1129	0.637	ng/mL	100
92) C15-BZ#101/#90	33.275	326	1304M4	0.718	ng/mL	
94) C14-BZ#56	33.258	292	983	0.344	ng/mL	98
95) C15-BZ#113	33.374	326	734	0.333	ng/mL	96
96) C15-BZ#99	33.639	326	763	0.374	ng/mL	98
97) C16-BZ#150	33.688	360	831	0.355	ng/mL	95
98) C14-BZ#60	33.705	292	1097	0.343	ng/mL	95
99) C16-BZ#152	34.052	360	845	0.328	ng/mL	93
100) C15-BZ#119	34.135	326	895	0.349	ng/mL	93
101) C15-BZ#83/#125/#112	34.284	326	2215M4	1.058	ng/mL	
102) C15-BZ#86/#109	34.450	326	1466M1	0.712	ng/mL	
103) C15-BZ#97	34.565	326	513	0.322	ng/mL	98
104) C15-BZ#116	35.029	326	748	0.351	ng/mL	95
105) C15-BZ#87/#111	35.327	326	1420M1	0.672	ng/mL	
106) Pentachlorobiphenyls	0.000		0	N.D.	d	
107) C15-Conf Ion	0.000		0	N.D.	d	
108) C16-BZ#145	34.499	360	948	0.363	ng/mL	95
109) C16-BZ#148	34.698	360	636	0.367	ng/mL	93
110) C14-BZ#79	34.814	292	993	0.377	ng/mL	91

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241802.D
 Acq On : 24 Feb 2018 10:14 am
 Operator : BNA2:JT
 Sample : I202241801
 Misc : wgl092764,MSAT61,.5ug/l
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 26 15:36:51 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
111) Cl6-BZ#154-Cal	35.227	360	704	0.358	ng/mL	98
112) Hexachlorobiphenyls	0.000		0	N.D.	d	
113) Cl6-Conf Ion	0.000		0	N.D.	d	
114) Cl4-BZ#78	35.277	292	1130	0.331	ng/mL#	68
115) Cl6-BZ#136	35.360	360	796	0.342	ng/mL	96
116) Cl5-BZ#117	35.410	326	913M4	0.342	ng/mL	
117) Cl5-BZ#115	35.509	326	914M4	0.367	ng/mL	
118) Cl5-BZ#85	35.592	326	601	0.371	ng/mL	97
119) Cl5-BZ#120	35.724	326	875	0.355	ng/mL	100
120) Cl5-BZ#110	35.873	326	972	0.405	ng/mL	93
121) Cl4-BZ#81	36.237	292	973	0.376	ng/mL	98
123) Cl6-BZ#151	36.254	360	626	0.363	ng/mL	93
124) Cl6-BZ#135	36.403	360	655	0.359	ng/mL	96
125) Cl5-BZ#82	36.568	326	528	0.313	ng/mL	93
126) Cl6-BZ#144	36.601	360	661	0.356	ng/mL	93
127) Cl6-BZ#147/#149	36.899	360	1471	0.770	ng/mL	99
128) Cl4-BZ#77-RTW	37.015	292	923M4	0.370	ng/mL	
129) Cl6-BZ#143/#139	37.131	360	1297	0.667	ng/mL	98
130) Cl5-BZ#124	37.296	326	836	0.335	ng/mL	91
131) Cl5-BZ#108	37.578	326	847	0.338	ng/mL	98
132) Cl5-BZ#107/#123	37.660	326	1902M4	0.715	ng/mL	
133) Cl6-BZ#140	37.313	360	644	0.349	ng/mL	95
134) Cl7-BZ#188-Cal/RTW	37.677	394	725	0.321	ng/mL	96
135) Heptachlorobiphenyls	0.000		0	N.D.	d	
136) Cl7-Conf Ion	0.000		0	N.D.	d	
137) Cl6-BZ#134	37.776	360	517	0.325	ng/mL	92
138) Cl5-BZ#106	37.809	326	794	0.300	ng/mL	97
139) Cl6-BZ#133	37.876	360	792M3	0.386	ng/mL	
140) Cl6-BZ#142	37.909	360	525M3	0.353	ng/mL	
141) Cl5-BZ#118	38.041	326	849	0.356	ng/mL	99
142) Cl6-BZ#131	38.041	360	593	0.378	ng/mL	94
143) Cl7-BZ#184	38.173	394	758	0.345	ng/mL	96
144) Cl6-BZ#165	38.223	360	802M4	0.354	ng/mL	
145) Cl6-BZ#146	38.339	360	723	0.375	ng/mL	97
146) Cl6-BZ#161	38.521	360	895	0.353	ng/mL	93
147) Cl5-BZ#122	38.505	326	769	0.353	ng/mL	100
148) Cl6-BZ#168	38.736	360	899	0.377	ng/mL	97
149) Cl5-BZ#114	38.786	326	842	0.339	ng/mL	95
150) Cl6-BZ#153	38.802	360	807	0.367	ng/mL	88
152) Cl6-BZ#132	39.067	360	637	0.359	ng/mL	95
153) Cl7-BZ#179	39.332	394	791	0.367	ng/mL	97

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241802.D
 Acq On : 24 Feb 2018 10:14 am
 Operator : BNA2:JT
 Sample : I202241801
 Misc : wgl092764,MSAT61,.5ug/l
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 26 15:36:51 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
154) C16-BZ#141	39.630	360	645	0.405	ng/mL	95
155) C17-BZ#176	39.829	394	767	0.375	ng/mL	92
156) C15-BZ#105	39.895	326	1062M4	0.383	ng/mL	
157) C16-BZ#137	40.060	360	594	0.341	ng/mL	87
158) C15-BZ#127	40.209	326	1146M4	0.371	ng/mL	
159) C17-BZ#186	40.160	394	811	0.343	ng/mL	98
160) C16-BZ#130/#164	40.391	360	1485	0.740	ng/mL	96
161) C17-BZ#178	40.706	394	578	0.383	ng/mL	93
162) C16-BZ#138	40.772	360	787	0.374	ng/mL	92
163) C16-BZ#163/#160	40.871	360	1591M4	0.688	ng/mL	
164) C16-BZ#129/#158	41.053	360	1391M1	0.681	ng/mL	
165) C17-BZ#182/#175	41.086	394	1197	0.651	ng/mL	97
166) C17-BZ#187	41.285	394	655	0.362	ng/mL	95
167) C17-BZ#183	41.666	394	634	0.408	ng/mL	99
168) C16-BZ#166	42.030	360	962	0.393	ng/mL	99
169) C16-BZ#159	42.278	360	898	0.380	ng/mL	99
170) C15-BZ#126-RTW	42.493	326	1042	0.352	ng/mL#	78
171) C17-BZ#185	42.526	394	659	0.420	ng/mL	86
172) C16-BZ#162	42.609	360	846	0.371	ng/mL	99
173) C17-BZ#174	42.758	394	585	0.359	ng/mL	95
174) C16-BZ#128	42.758	360	661	0.368	ng/mL	93
175) C16-BZ#167	43.056	360	1106M4	0.368	ng/mL	
176) C18-BZ#202-RTW	43.006	428	686	0.379	ng/mL	98
178) C17-BZ#181	43.155	394	626	0.353	ng/mL	92
179) C17-BZ#177	43.470	394	571	0.377	ng/mL	96
180) C18-BZ#204/#200-Cal	43.569	428	1325	0.732	ng/mL	98
181) Octachlorobiphenyls	0.000		0	N.D.	d	
182) C18-Conf Ion	0.000		0	N.D.	d	
183) C17-BZ#171	43.784	394	539	0.393	ng/mL	100
184) C17-BZ#173	43.999	394	535	0.368	ng/mL	97
185) C17-BZ#172	44.446	394	614	0.396	ng/mL	97
186) C17-BZ#192	44.661	394	770	0.362	ng/mL	99
187) C16-BZ#156	44.678	360	959M4	0.411	ng/mL	
188) C16-BZ#157	44.910	360	993	0.411	ng/mL	94
189) C17-BZ#180	44.959	394	721	0.351	ng/mL	85
190) C17-BZ#193	45.042	394	761	0.324	ng/mL	88
191) C18-BZ#197	44.099	428	682	0.376	ng/mL	98
192) C17-BZ#191	45.390	394	796	0.408	ng/mL	93
193) C18-BZ#199	45.208	428	680	0.387	ng/mL	83
194) C18-BZ#198	46.747	428	602	0.454	ng/mL	95
195) C18-BZ#201	46.846	428	528M4	0.403	ng/mL	

Quantitation Report (QT Reviewed)

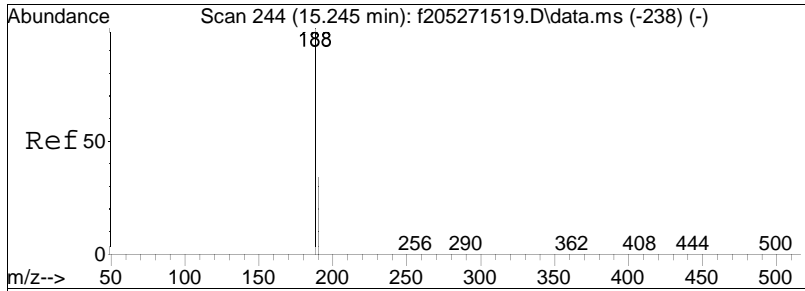
Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241802.D
 Acq On : 24 Feb 2018 10:14 am
 Operator : BNA2:JT
 Sample : I202241801
 Misc : wgl092764,MSAT61,.5ug/l
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 26 15:36:51 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

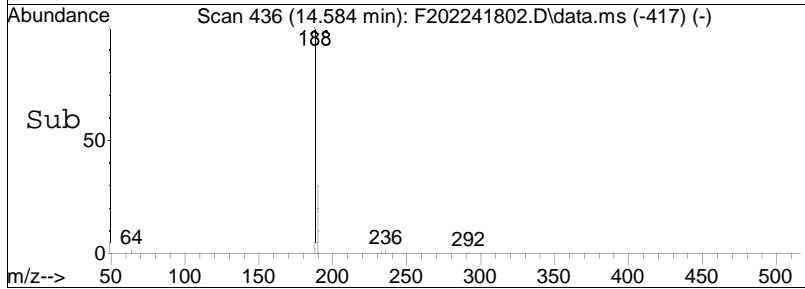
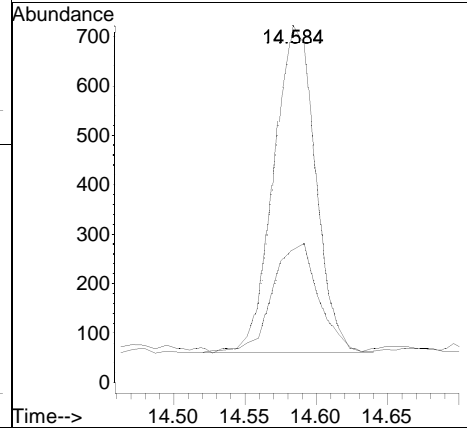
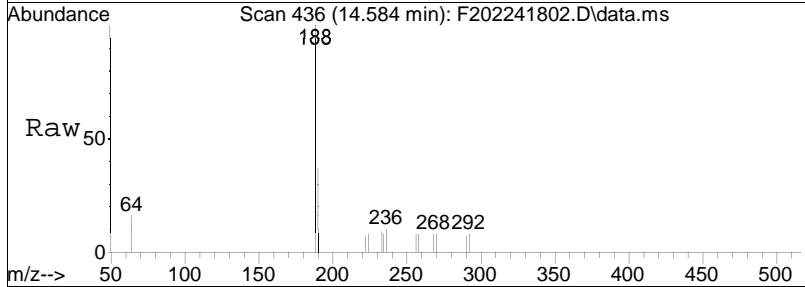
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
196) C17-BZ#170	46.962	394	573	0.443	ng/mL	90
197) C17-BZ#190	47.293	394	771	0.364	ng/mL	93
198) C18-BZ#196	47.309	428	563	0.407	ng/mL	80
199) C18-BZ#203	47.376	428	541	0.375	ng/mL	90
200) C16-BZ#169-RTW	47.657	360	979	0.417	ng/mL	96
201) C19-BZ#208-RTW	48.816	464	849	0.484	ng/mL	87
202) C19-BZ#207	49.494	464	705	0.393	ng/mL	96
203) C17-BZ#189-RTW	49.643	394	742	0.421	ng/mL#	2
204) C18-BZ#195	49.809	428	507	0.395	ng/mL	90
205) C18-BZ#194	51.480	428	601	0.455	ng/mL	95
206) C18-BZ#205-RTW	52.093	428	781	0.509	ng/mL	89
207) C19-BZ#206-Cal/RTW	54.095	464	612	0.455	ng/mL#	12
208) Nonachlorobiphenyls	0.000		0	N.D.	d	
209) C19-Conf Ion	0.000		0	N.D.	d	
210) C110-BZ#209-Cal/RTW	56.396	498	575M4	0.408	ng/mL	
211) Decachlorobiphenyl	0.000		0	N.D.	d	
212) C110-Conf Ion	0.000		0	N.D.	d	

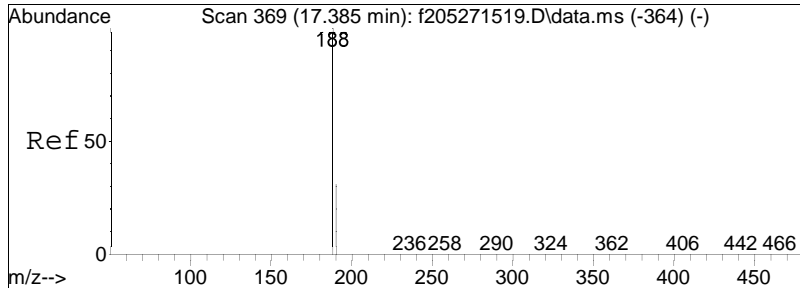
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
 Cl1-BZ#1-Cal/RTW
 Concen: 0.35 ng/mL
 RT: 14.584 min Scan# 436
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

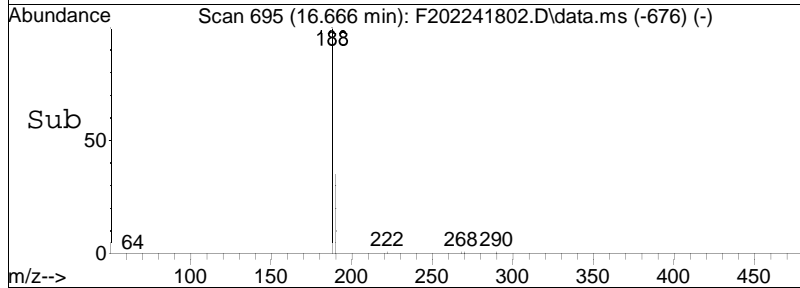
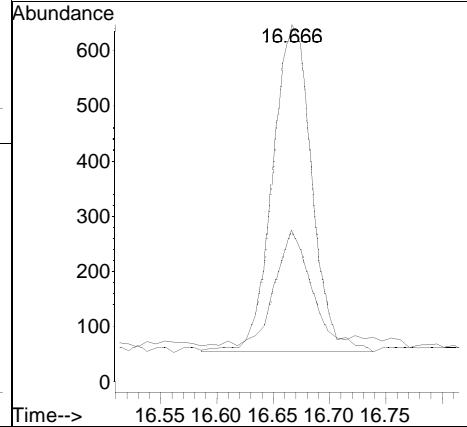
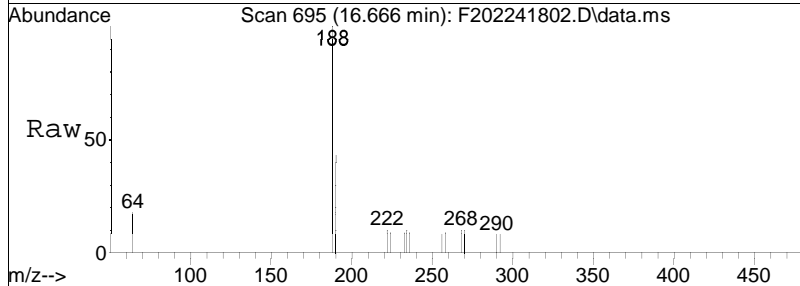
Tgt Ion	Ratio	Lower	Upper
188	100		
190	37.2	26.2	39.4

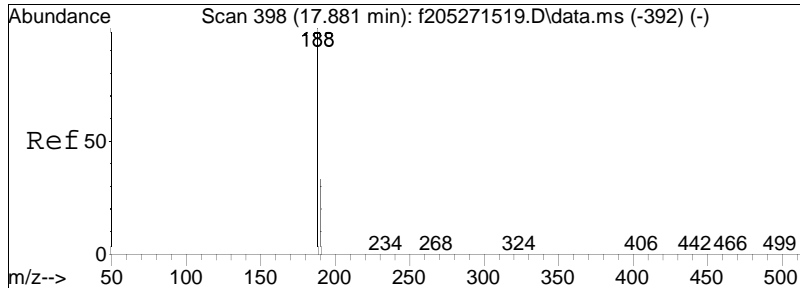




#6
 C11-BZ#2
 Concen: 0.38 ng/mL
 RT: 16.666 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

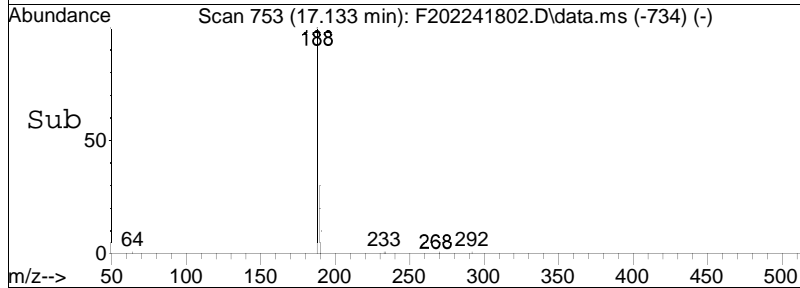
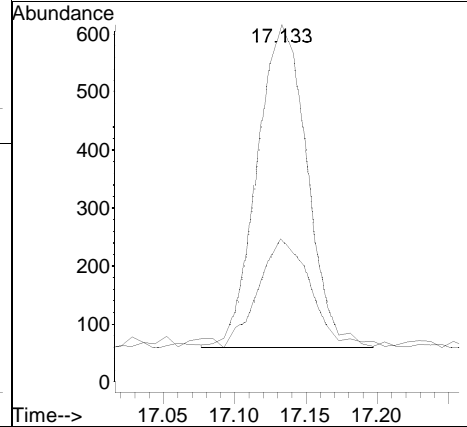
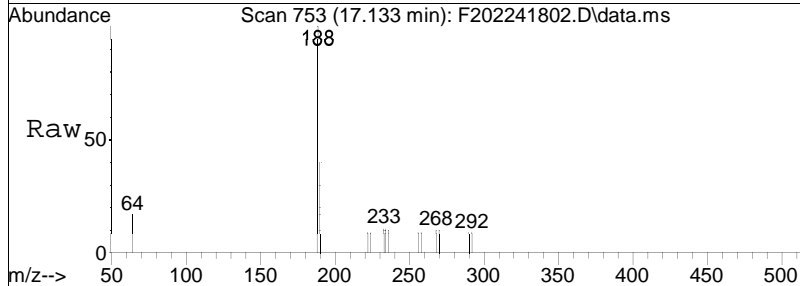
Tgt Ion	Ratio	Lower	Upper
188	100		
190	31.5	26.1	39.1

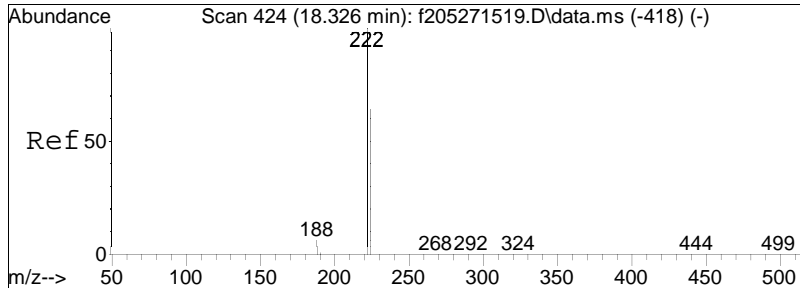




#7
 C11-BZ#3-RTW
 Concen: 0.36 ng/mL M4
 RT: 17.133 min Scan# 753
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

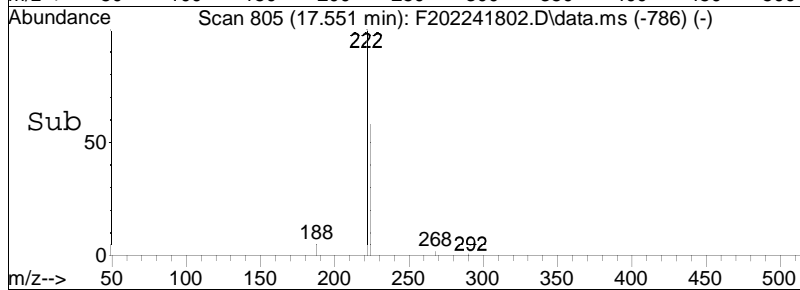
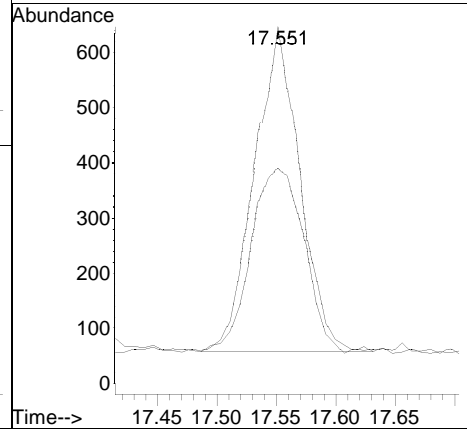
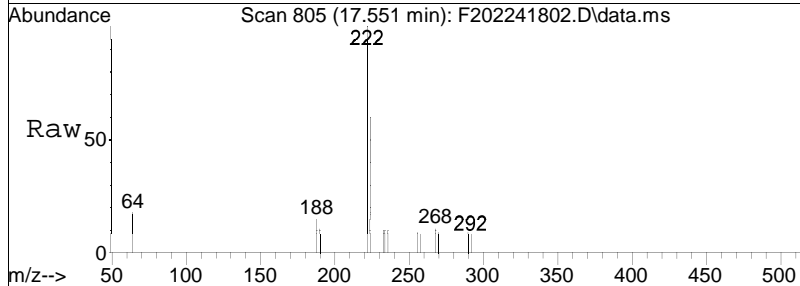
Tgt Ion	Resp	Lower	Upper
188	100		
190	39.8	26.7	40.1

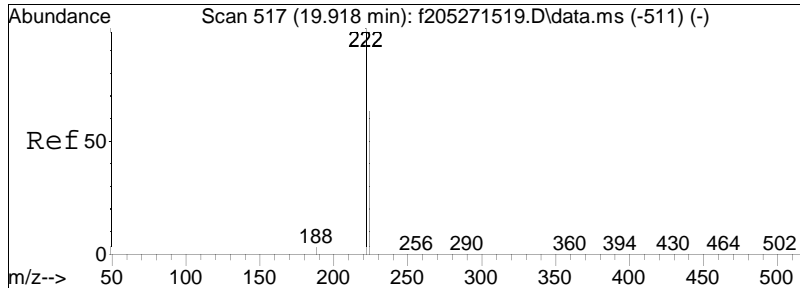




#8
 Cl2-BZ#4/#10-RTW
 Concen: 0.66 ng/mL
 RT: 17.551 min Scan# 805
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

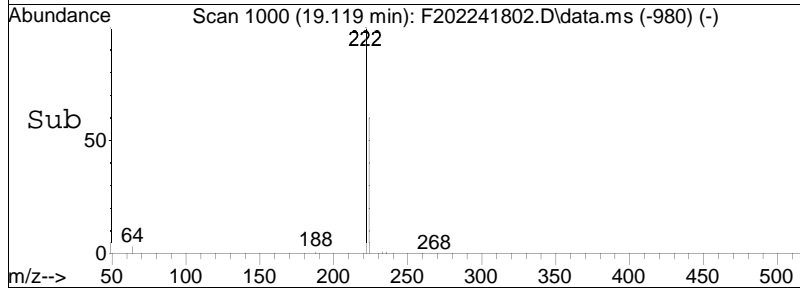
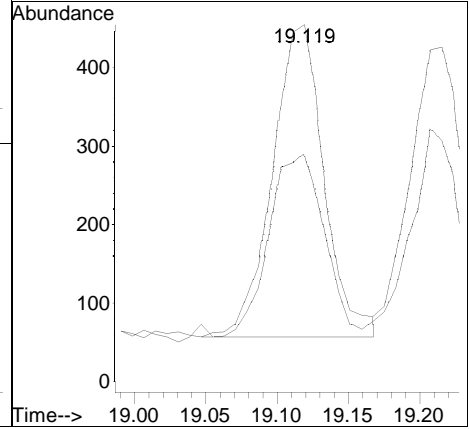
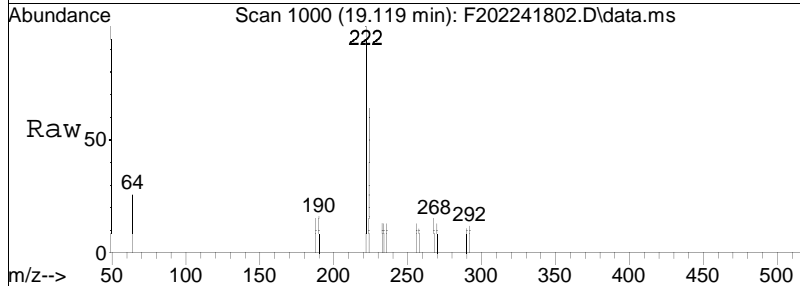
Tgt Ion	Resp	Lower	Upper
222	100		
224	66.7	52.4	78.6

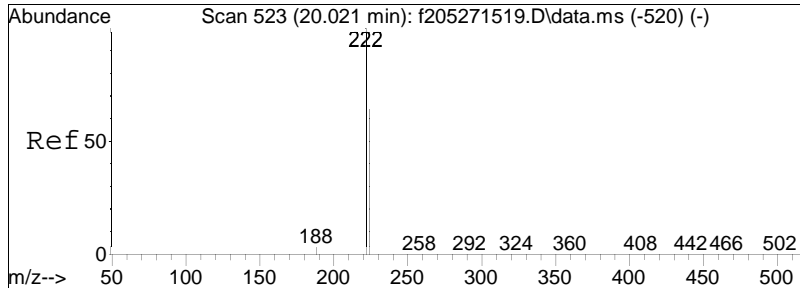




#9
 Cl2-BZ#9
 Concen: 0.36 ng/mL
 RT: 19.119 min Scan# 1000
 Delta R.T. 0.008 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

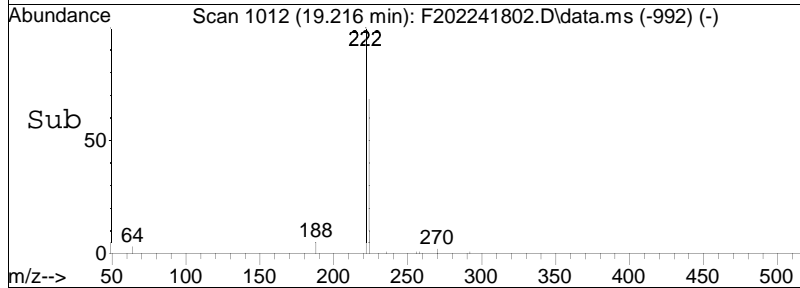
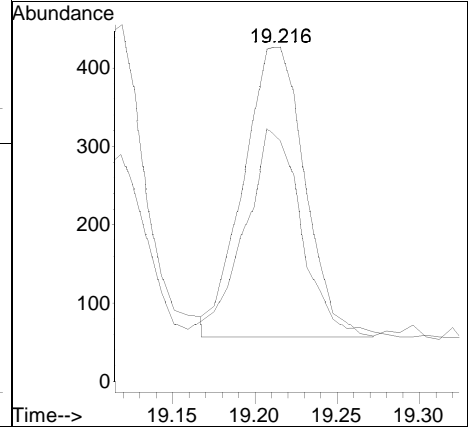
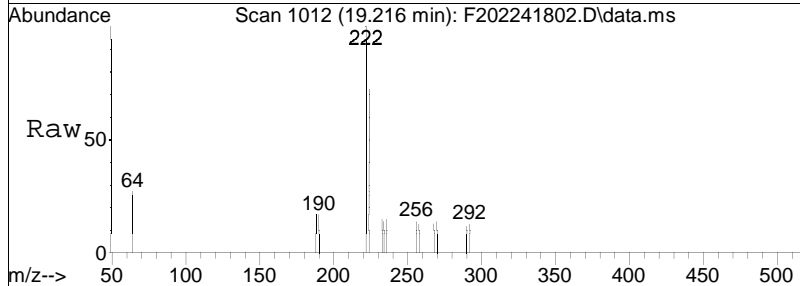
Tgt Ion	Resp	Lower	Upper
222	100		
224	62.5	52.1	78.1

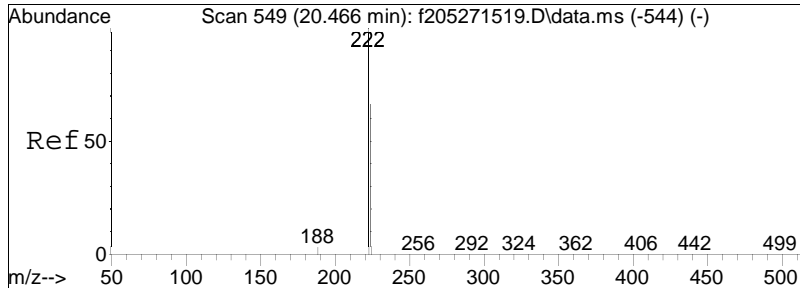




#10
 Cl2-BZ#7
 Concen: 0.35 ng/mL M4
 RT: 19.216 min Scan# 1012
 Delta R.T. 0.008 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

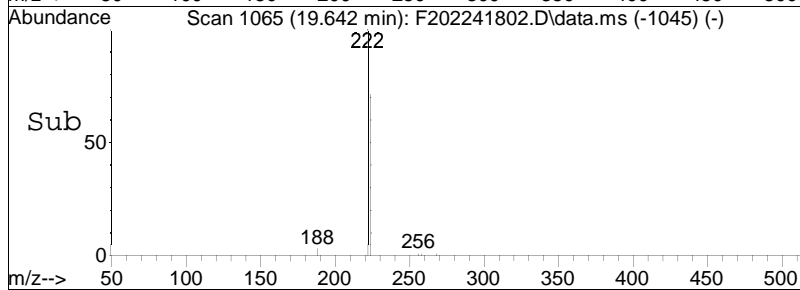
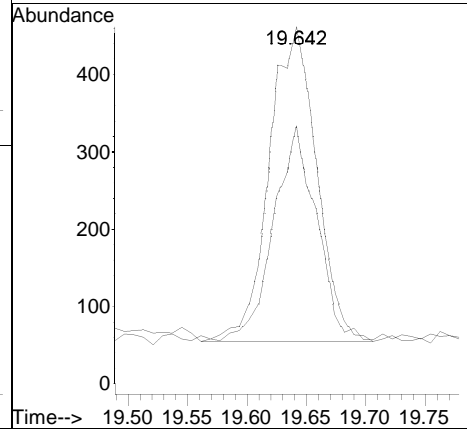
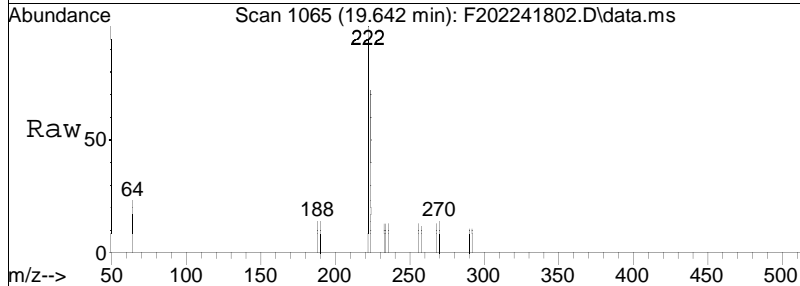
Tgt Ion	Ratio	Lower	Upper
222	100		
224	71.7	52.3	78.5

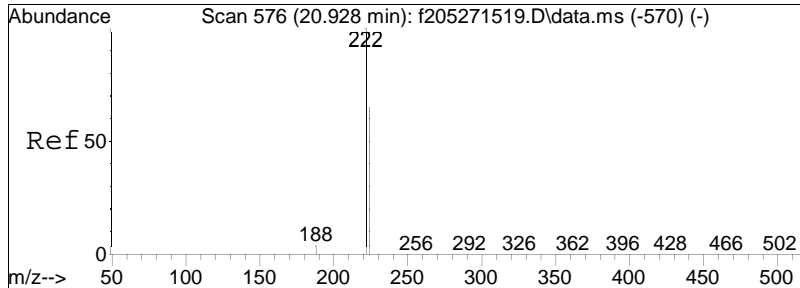




#11
 Cl2-BZ#6
 Concen: 0.38 ng/mL
 RT: 19.642 min Scan# 1065
 Delta R.T. 0.008 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

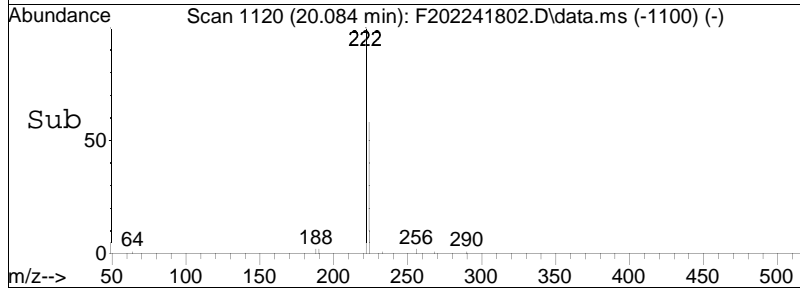
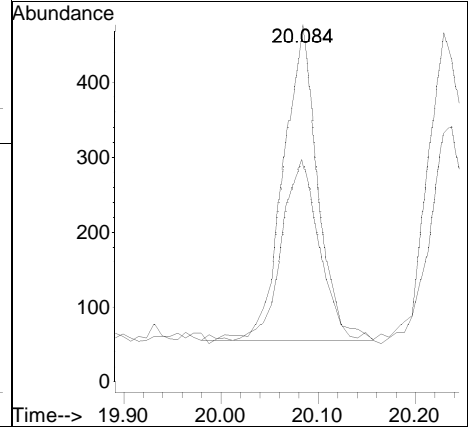
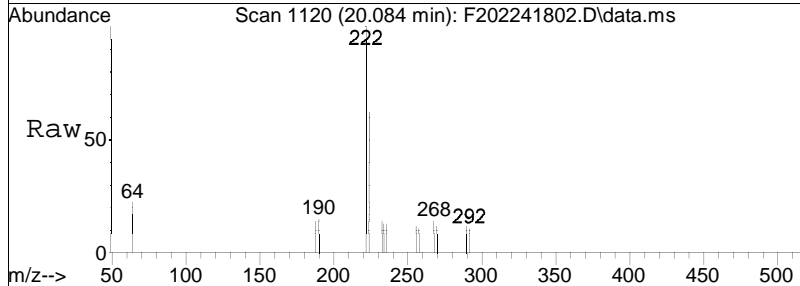
Tgt Ion	Resp	Lower	Upper
222	1120		
224	72.3	51.1	76.7

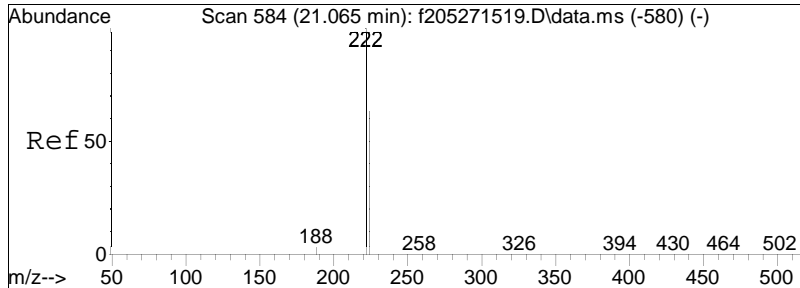




#12
 Cl2-BZ#5
 Concen: 0.36 ng/mL
 RT: 20.084 min Scan# 1120
 Delta R.T. 0.008 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

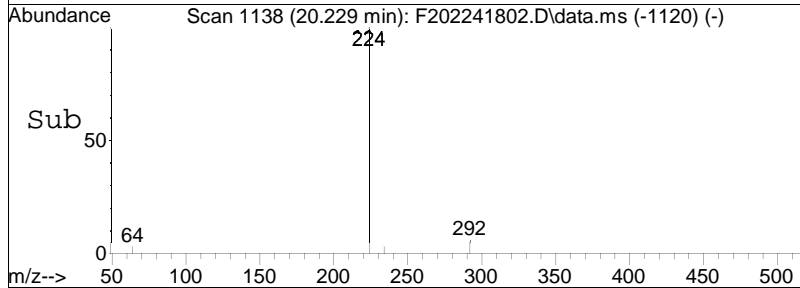
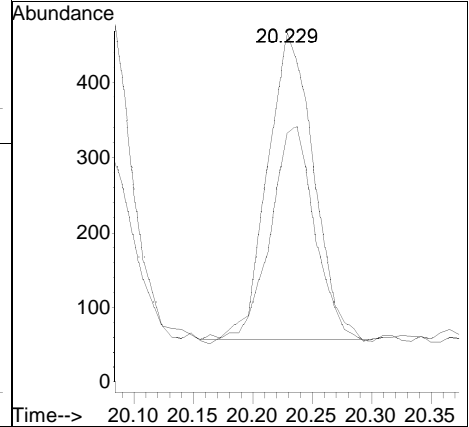
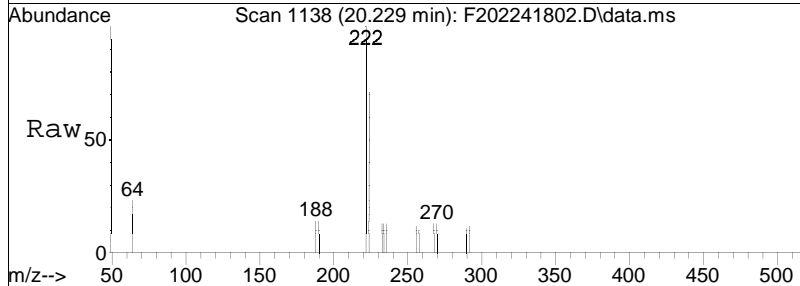
Tgt Ion	Resp	Lower	Upper
222	1034		
224	66.2	51.8	77.6

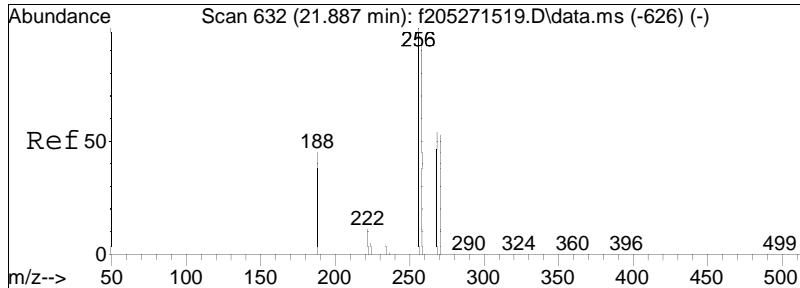




#13
 Cl2-BZ#8
 Concen: 0.35 ng/mL
 RT: 20.229 min Scan# 1138
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

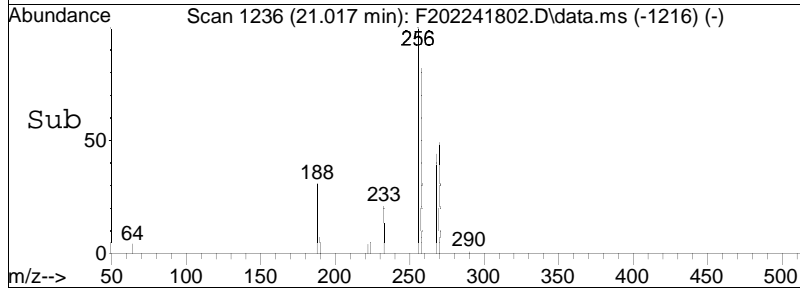
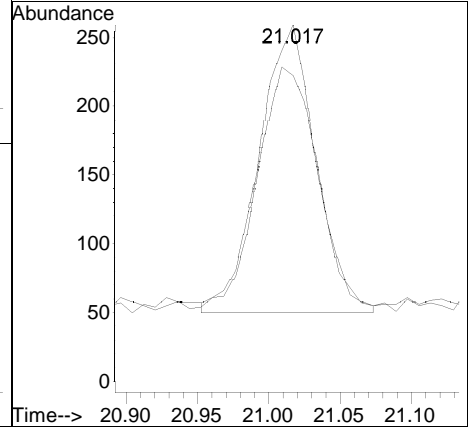
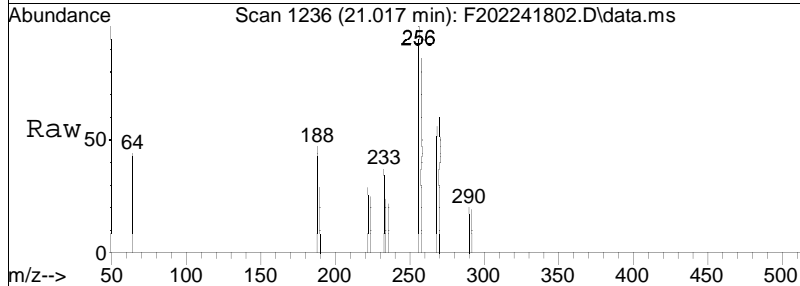
Tgt Ion	Resp	Lower	Upper
222	1101		
224	70.0	52.2	78.4

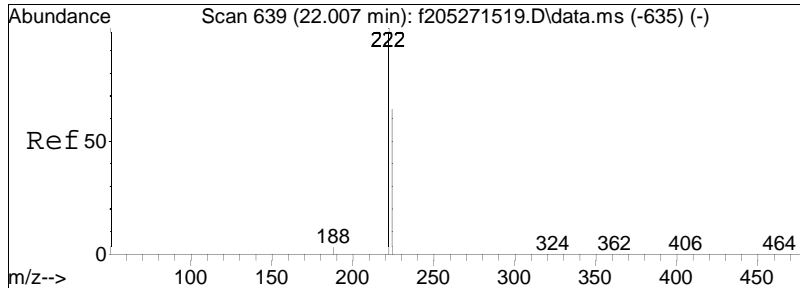




#16
 C13-BZ#19-RTW
 Concen: 0.35 ng/mL M4
 RT: 21.017 min Scan# 1236
 Delta R.T. 0.008 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

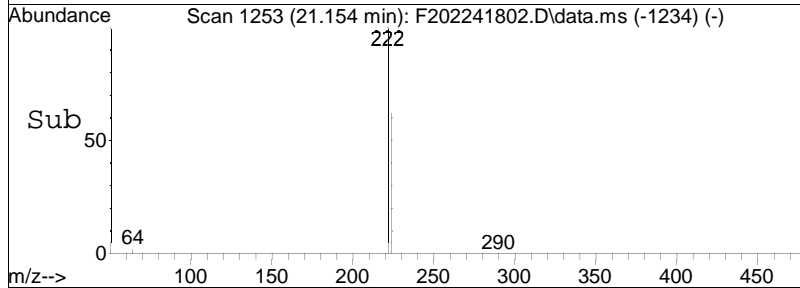
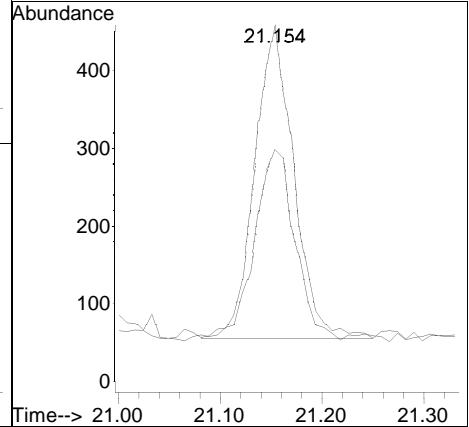
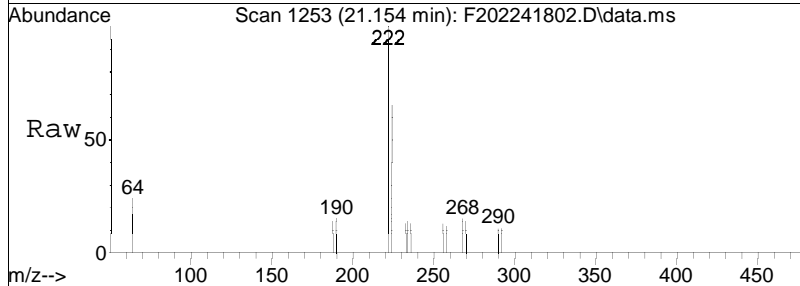
Tgt Ion	Resp	Lower	Upper
256	100		
258	82.5	76.5	114.7

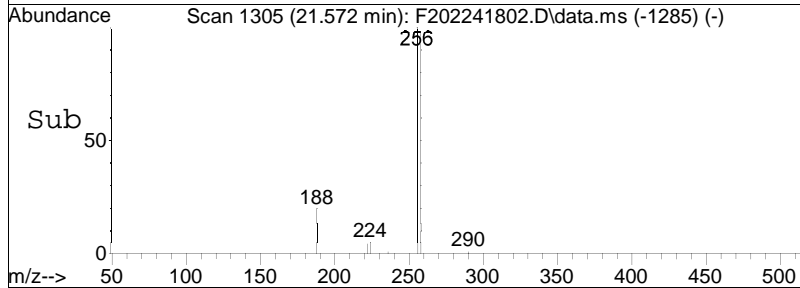
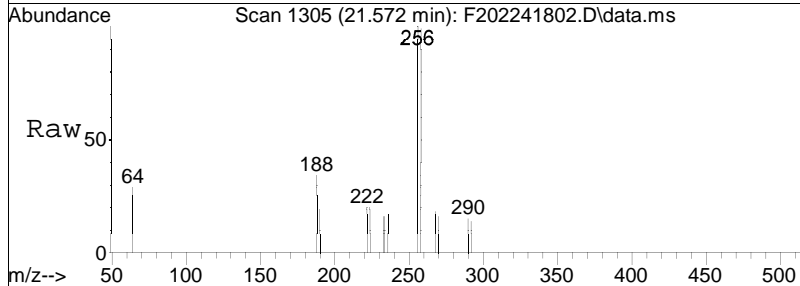
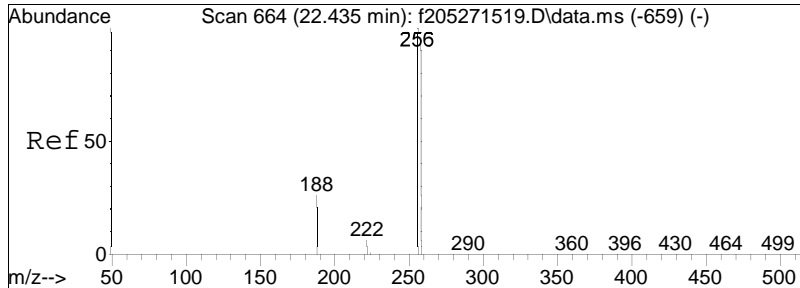




#17
 Cl2-BZ#14
 Concen: 0.37 ng/mL
 RT: 21.154 min Scan# 1253
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

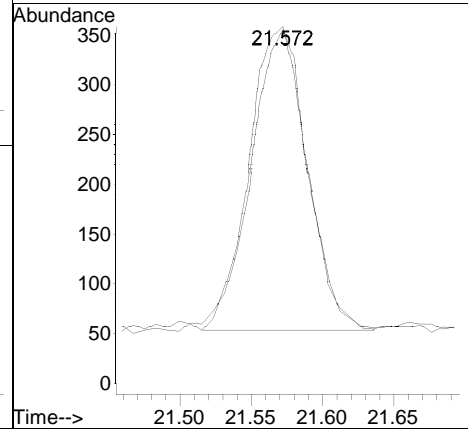
Tgt Ion	Resp	Lower	Upper
222	1064		
224	64.5	53.3	79.9

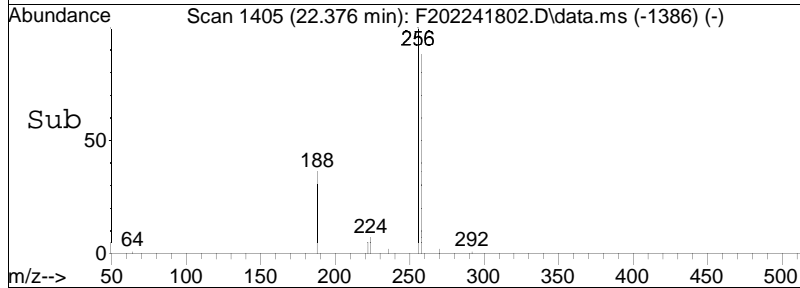
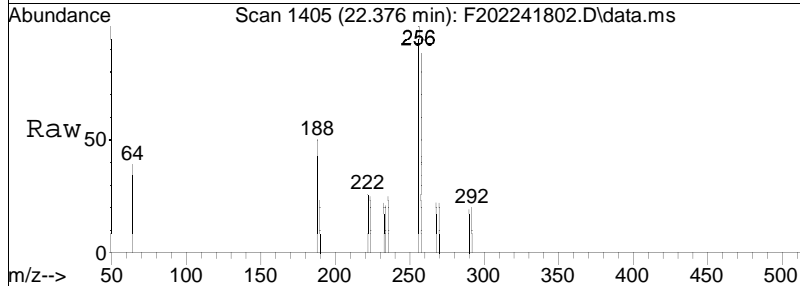
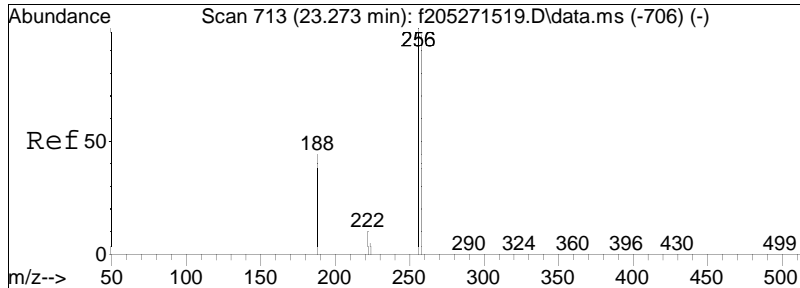




#18
 C13-BZ#30
 Concen: 0.34 ng/mL
 RT: 21.572 min Scan# 1305
 Delta R.T. 0.008 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

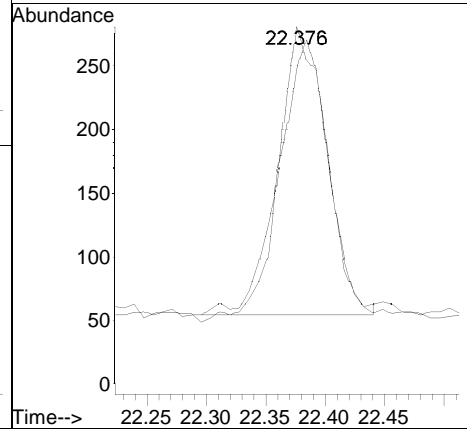
Tgt Ion	Resp	Lower	Upper
256	100		
258	99.8	76.4	114.6

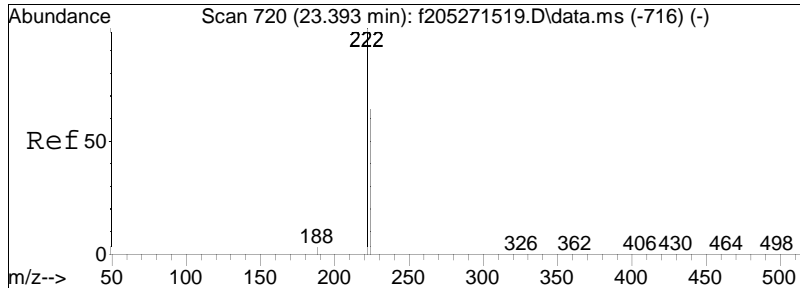




#19
 C13-BZ#18
 Concen: 0.38 ng/mL
 RT: 22.376 min Scan# 1405
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

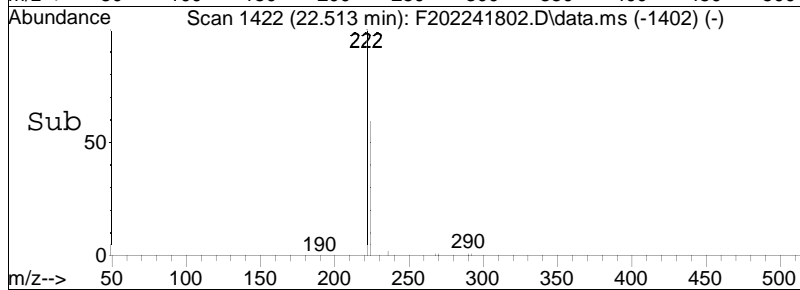
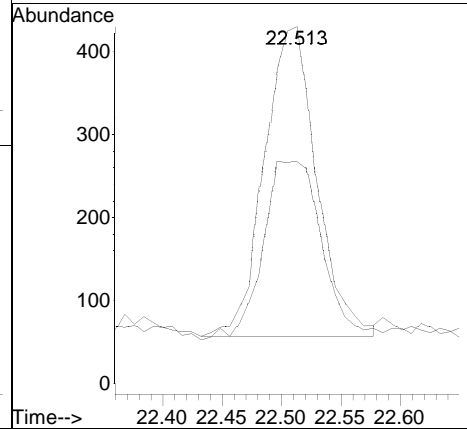
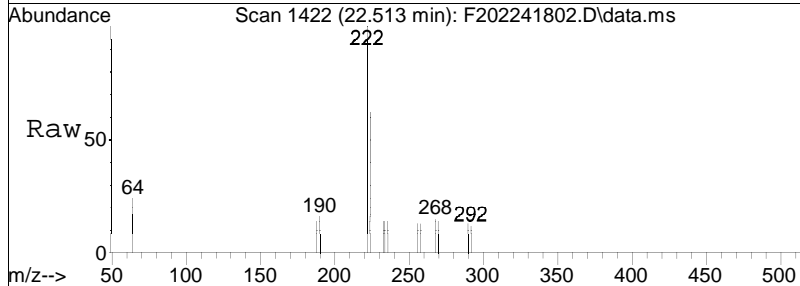
Tgt Ion	Resp	Lower	Upper
256	100		
258	88.3	74.7	112.1

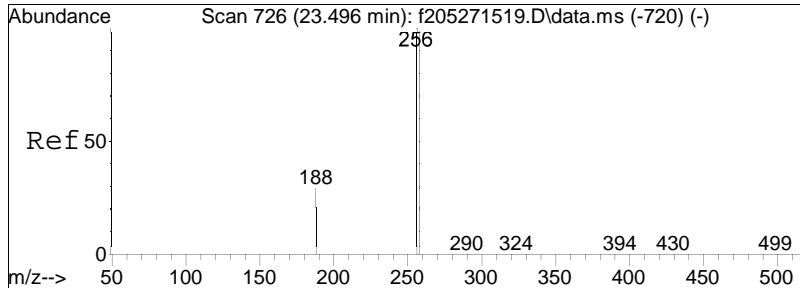




#20
 Cl2-BZ#11
 Concen: 0.36 ng/mL
 RT: 22.513 min Scan# 1422
 Delta R.T. 0.008 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

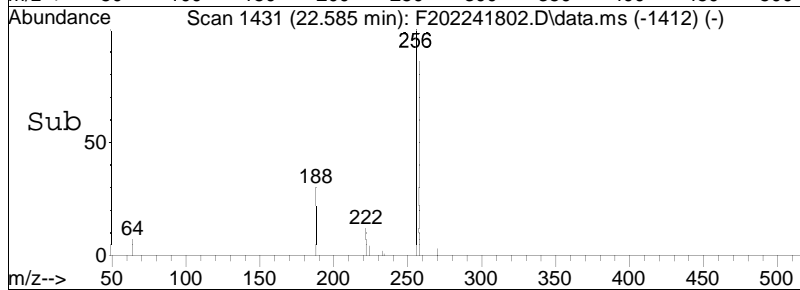
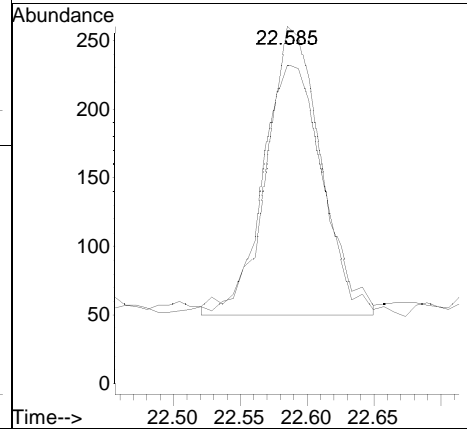
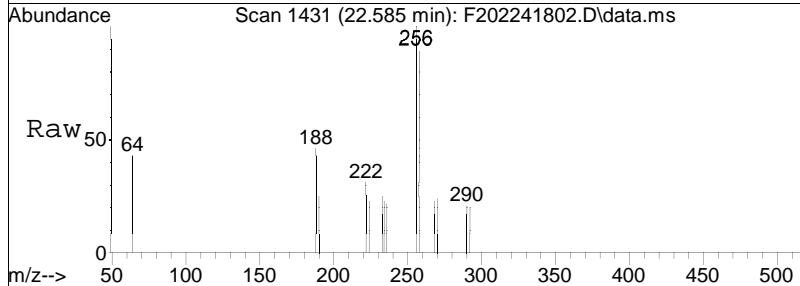
Tgt Ion	Resp	Lower	Upper
222	1137		
224	65.3	50.9	76.3

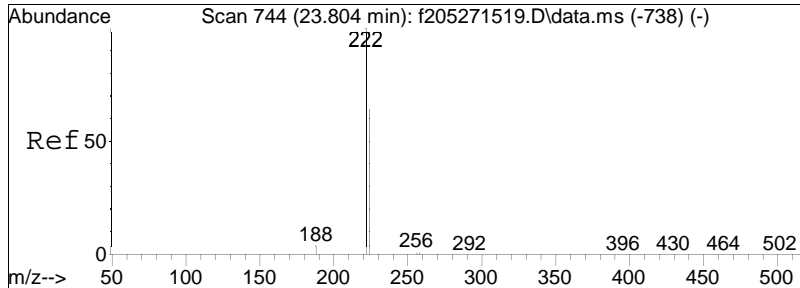




#21
 C13-BZ#17
 Concen: 0.37 ng/mL M4
 RT: 22.585 min Scan# 1431
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

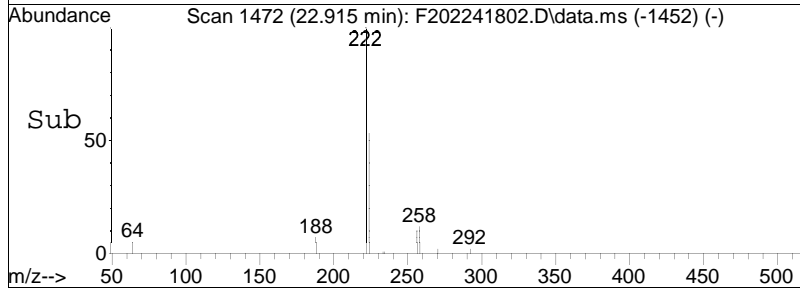
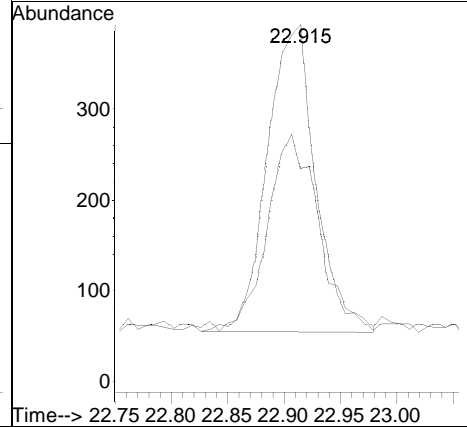
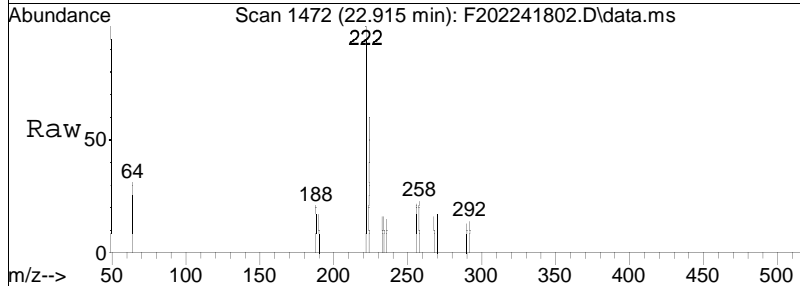
Tgt Ion	Resp	Lower	Upper
256	100		
258	84.4	76.3	114.5

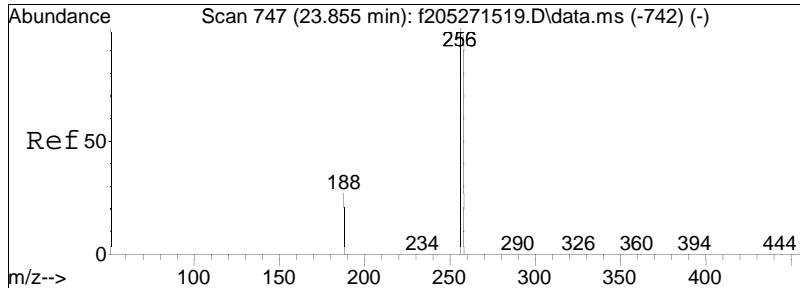




#22
 Cl2-BZ#12
 Concen: 0.36 ng/mL
 RT: 22.915 min Scan# 1472
 Delta R.T. 0.008 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

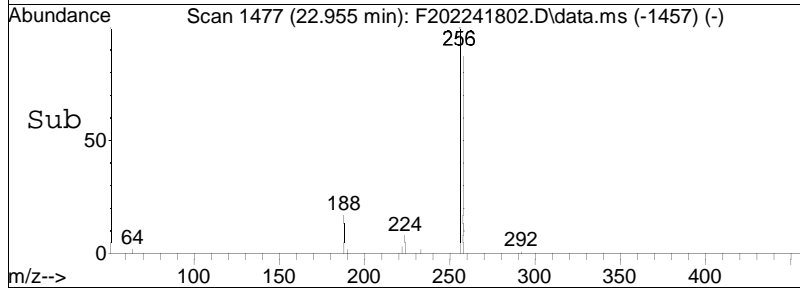
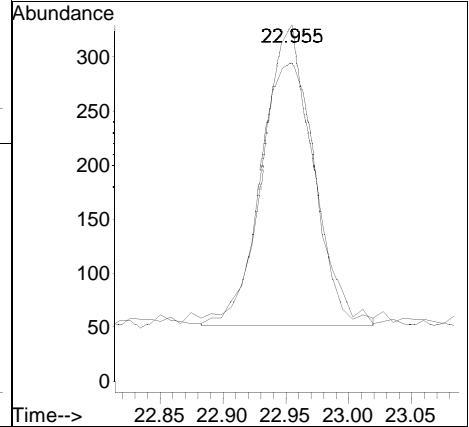
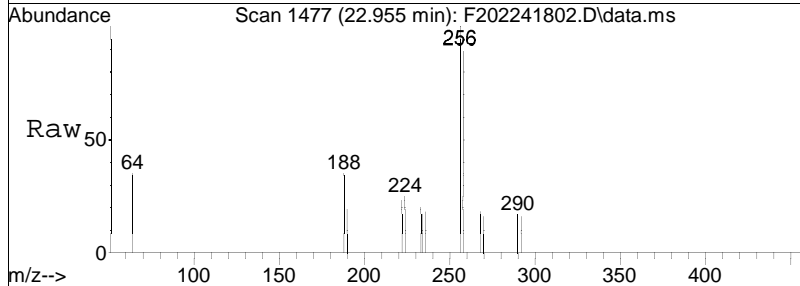
Tgt Ion	Resp	Lower	Upper
222	100		
224	67.9	52.2	78.4

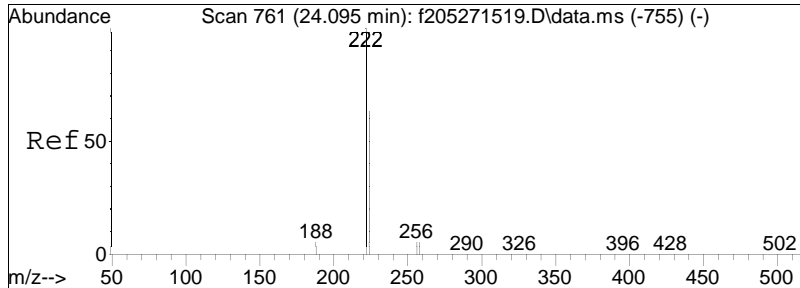




#23
 C13-BZ#27
 Concen: 0.34 ng/mL M4
 RT: 22.955 min Scan# 1477
 Delta R.T. 0.008 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

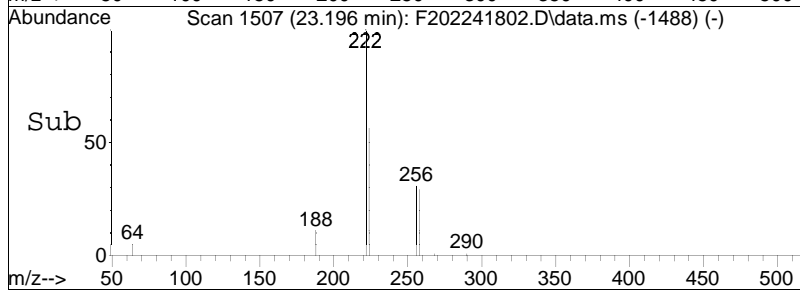
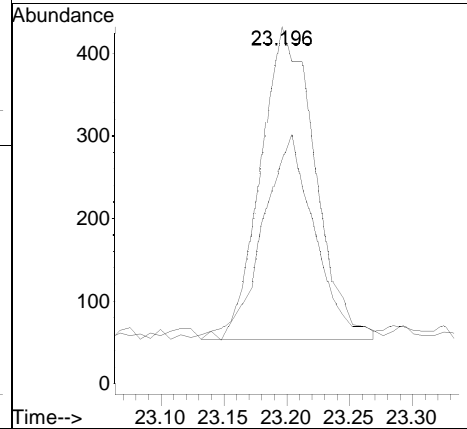
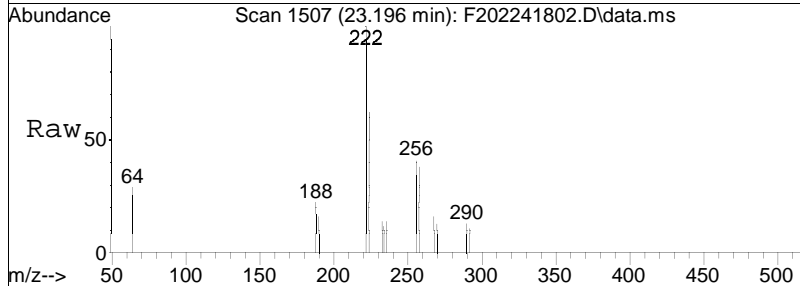
Tgt Ion	Resp	Lower	Upper
256	100		
258	99.0	75.5	113.3

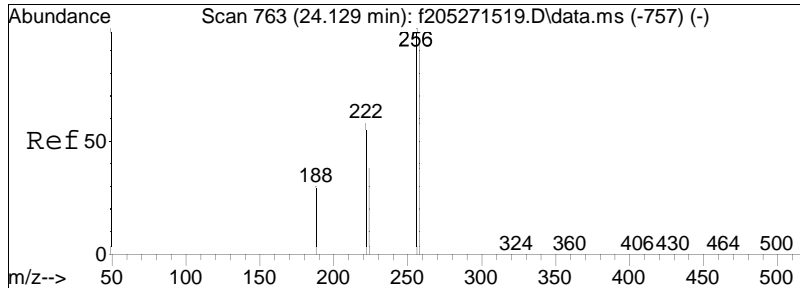




#24
 Cl2-BZ#13
 Concen: 0.36 ng/mL
 RT: 23.196 min Scan# 1507
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

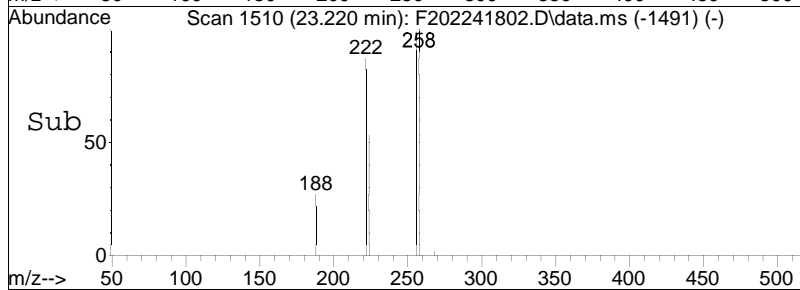
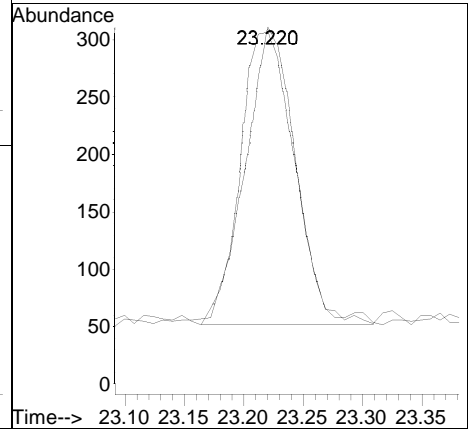
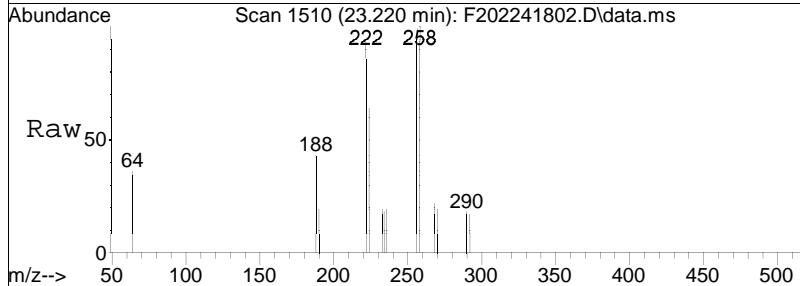
Tgt Ion	Resp	Lower	Upper
222	1130		
224	61.1	51.4	77.2

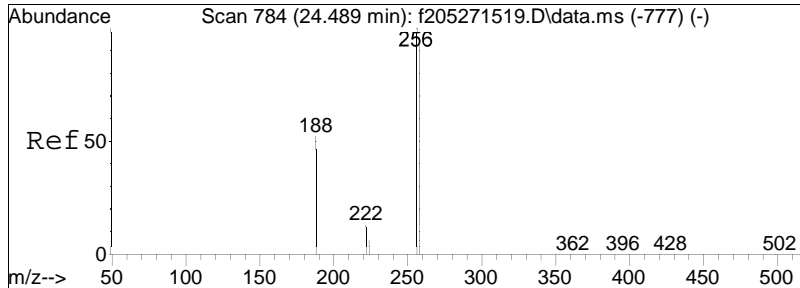




#25
 C13-BZ#24
 Concen: 0.36 ng/mL
 RT: 23.220 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

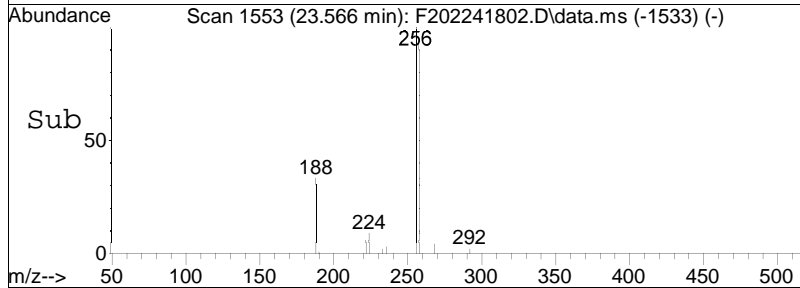
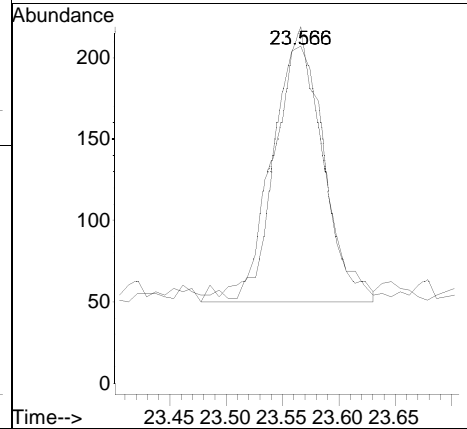
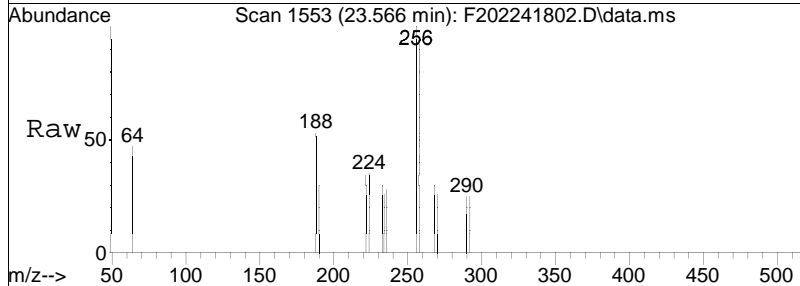
Tgt Ion	Resp	Lower	Upper
256	100		
258	94.1	75.8	113.6

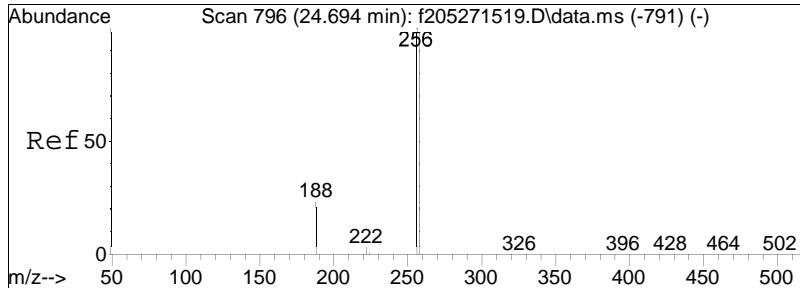




#26
 C13-BZ#16
 Concen: 0.36 ng/mL
 RT: 23.566 min Scan# 1553
 Delta R.T. 0.008 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

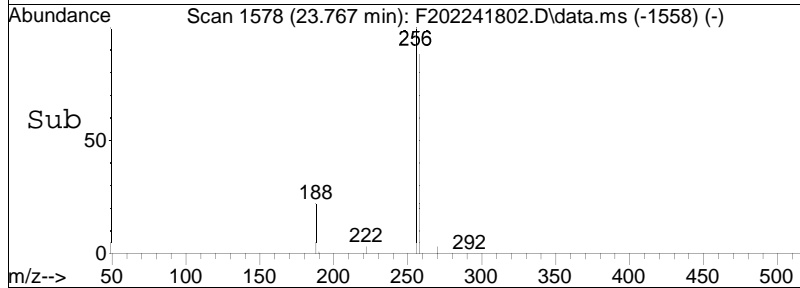
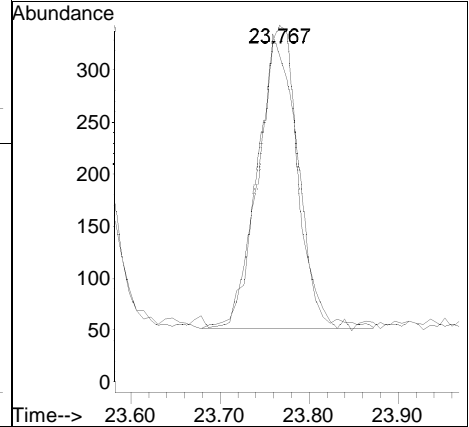
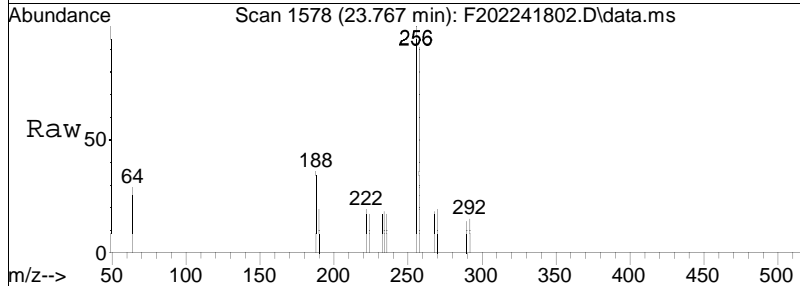
Tgt Ion	Resp	Lower	Upper
256	100		
258	91.4	74.2	111.4

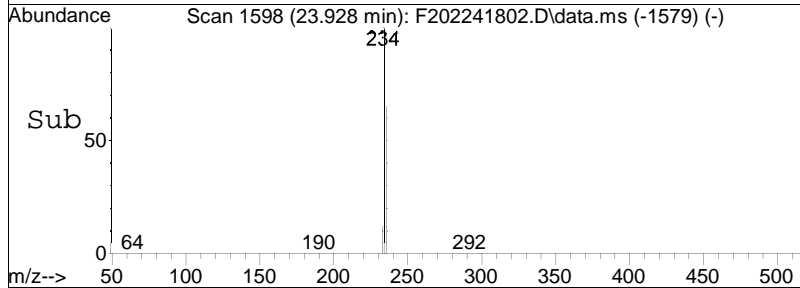
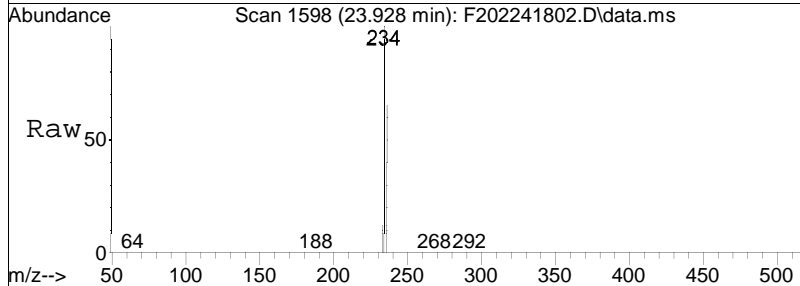
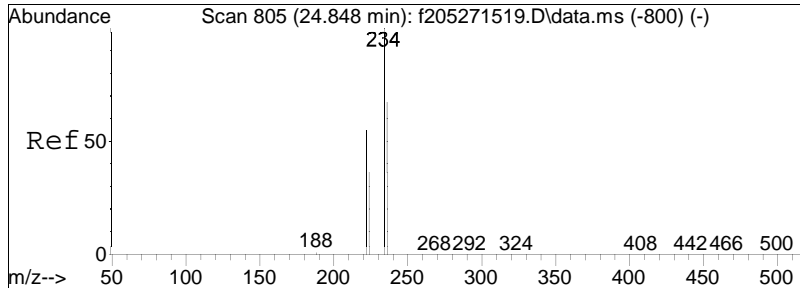




#27
 C13-BZ#32
 Concen: 0.37 ng/mL
 RT: 23.767 min Scan# 1578
 Delta R.T. 0.008 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

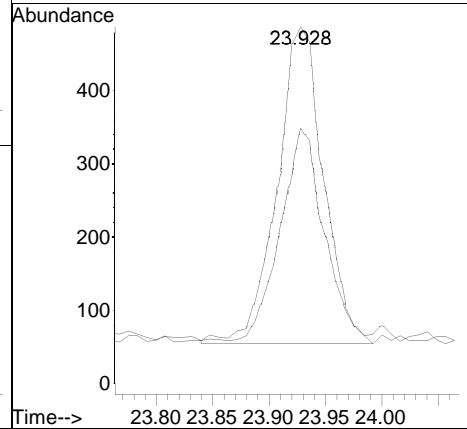
Tgt Ion	Resp	Lower	Upper
256	100		
258	93.5	75.0	112.4

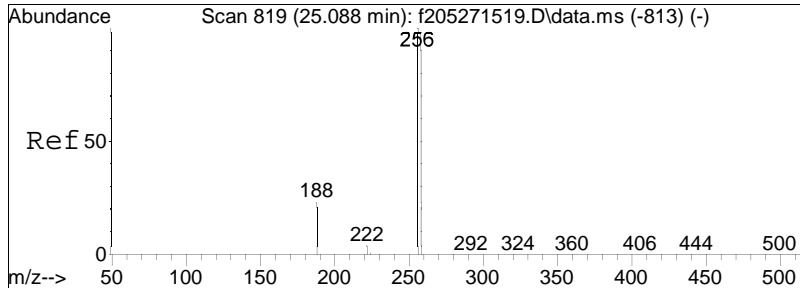




#28
 Cl2-BZ#15-RTW
 Concen: 0.38 ng/mL
 RT: 23.928 min Scan# 1598
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

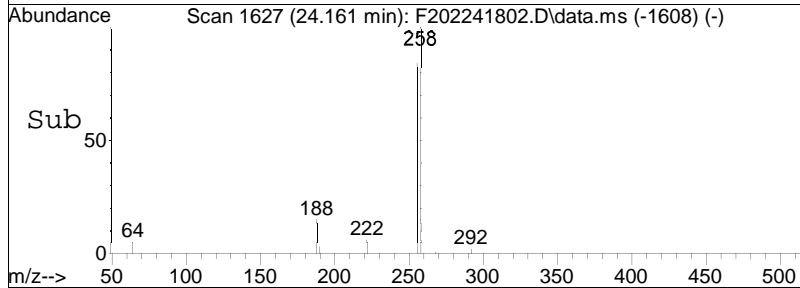
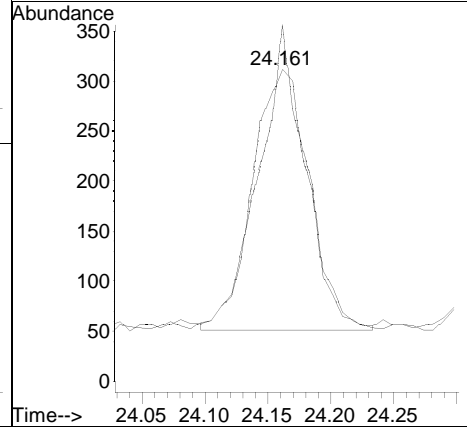
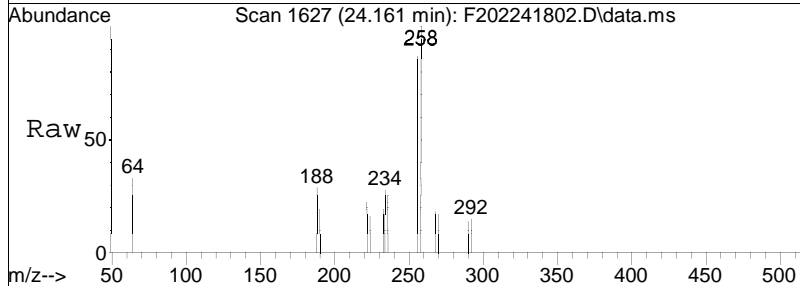
Tgt Ion	Ratio	Lower	Upper
222	100		
224	71.7	51.7	77.5

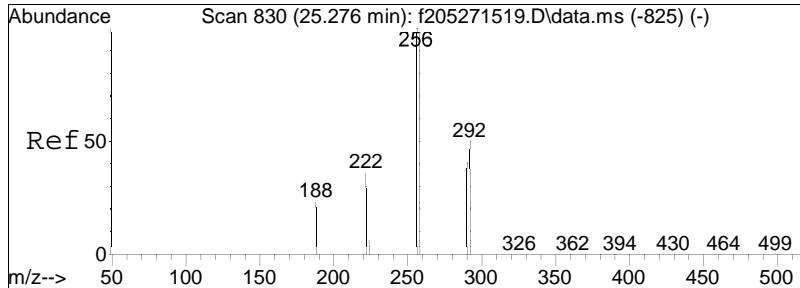




#29
 C13-BZ#34
 Concen: 0.36 ng/mL M4
 RT: 24.161 min Scan# 1627
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

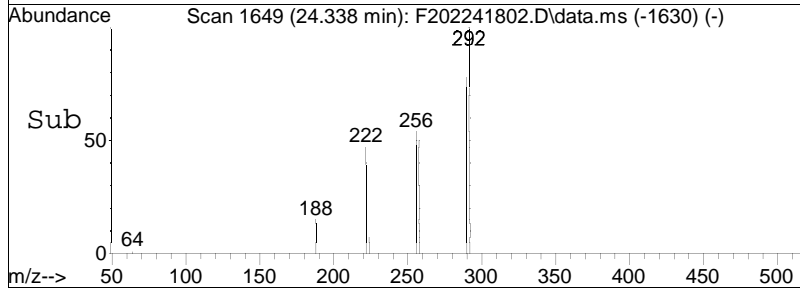
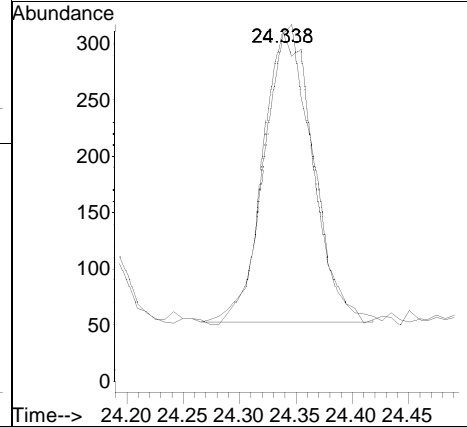
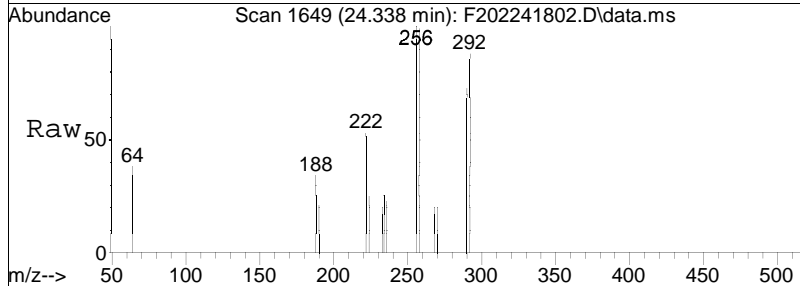
Tgt Ion	Resp	Lower	Upper
256	100		
258	98.1	77.1	115.7

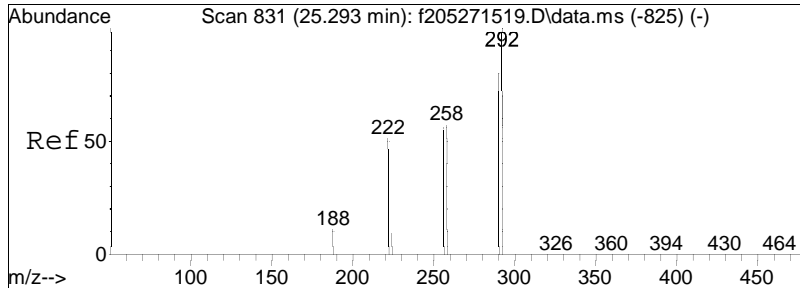




#30
 C13-BZ#23
 Concen: 0.36 ng/mL
 RT: 24.338 min Scan# 1649
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

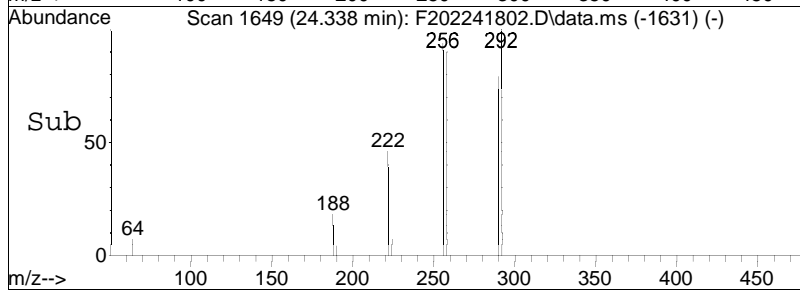
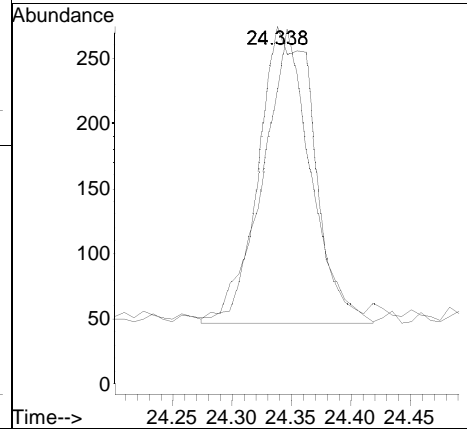
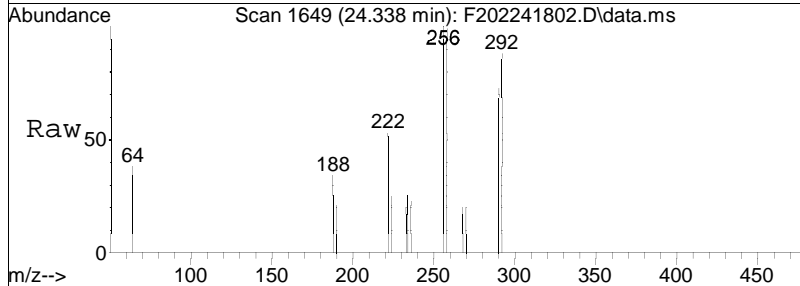
Tgt Ion: 256 Resp: 803
 Ion Ratio Lower Upper
 256 100
 258 98.0 76.7 115.1

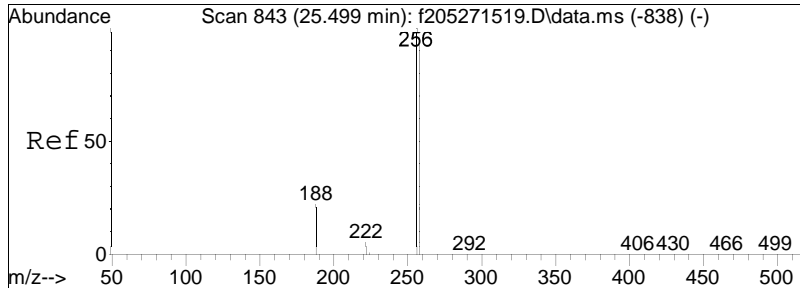




#31
 Cl4-BZ#54-RTW
 Concen: 0.33 ng/mL M4
 RT: 24.338 min Scan# 1649
 Delta R.T. -0.008 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

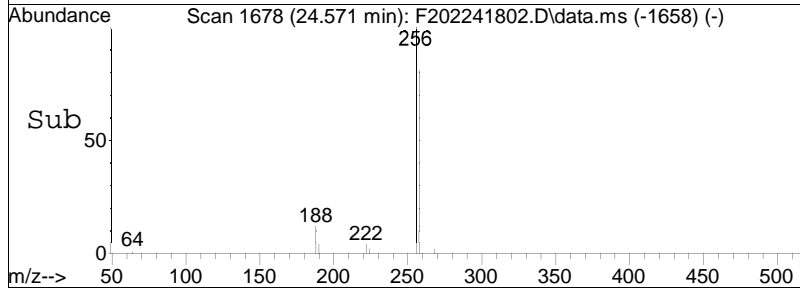
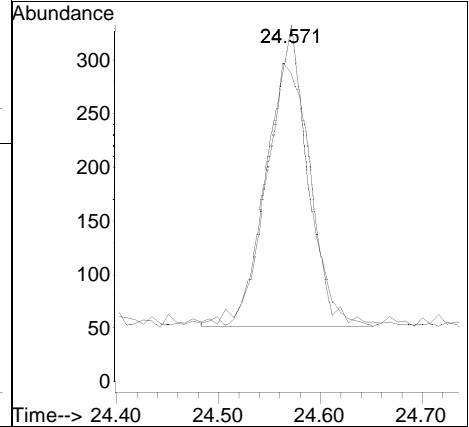
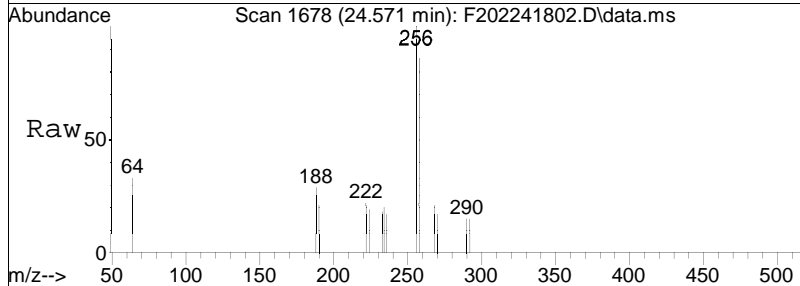
Tgt Ion	Resp	Lower	Upper
292	100		
290	79.4	63.5	95.3

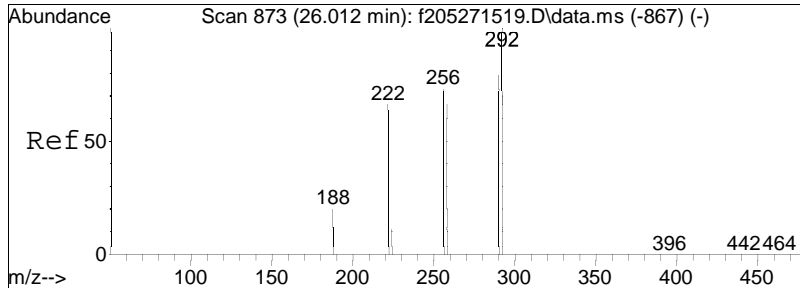




#32
 Cl3-BZ#29-Cal
 Concen: 0.35 ng/mL
 RT: 24.571 min Scan# 1678
 Delta R.T. 0.008 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

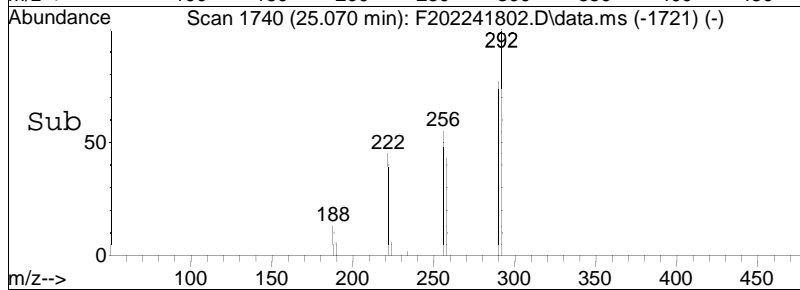
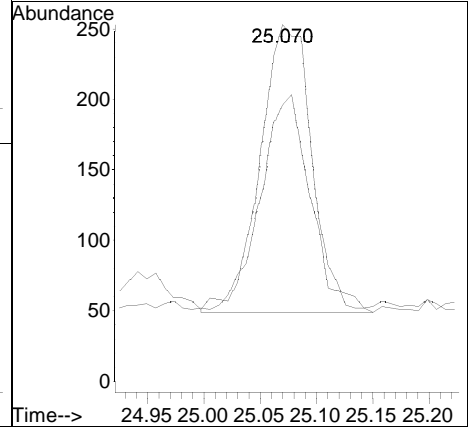
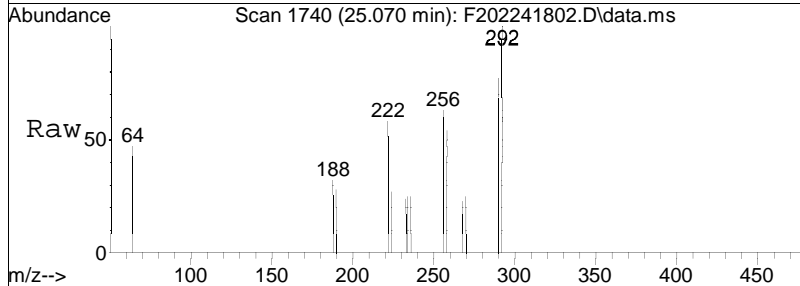
Tgt Ion	Resp	Lower	Upper
256	100		
258	86.5	76.6	115.0

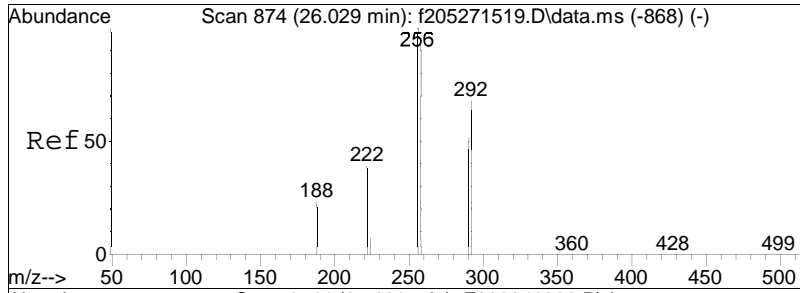




#35
 Cl4-BZ#50-Cal
 Concen: 0.36 ng/mL
 RT: 25.070 min Scan# 1740
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

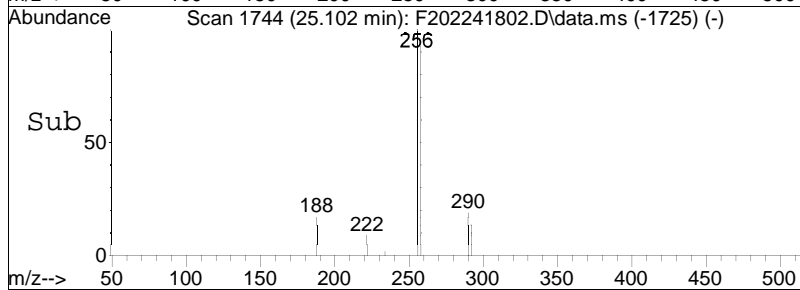
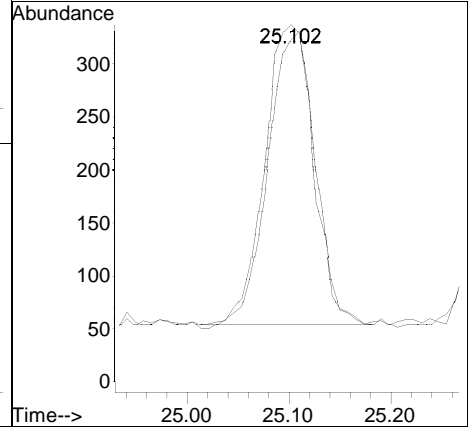
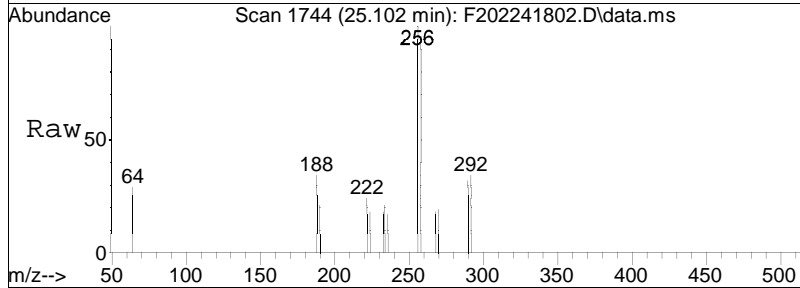
Tgt Ion	Resp	Lower	Upper
292	100		
290	71.4	63.6	95.4

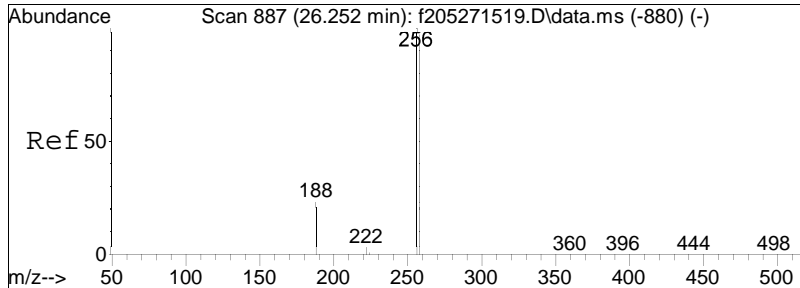




#38
 C13-BZ#26
 Concen: 0.40 ng/mL
 RT: 25.102 min Scan# 1744
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

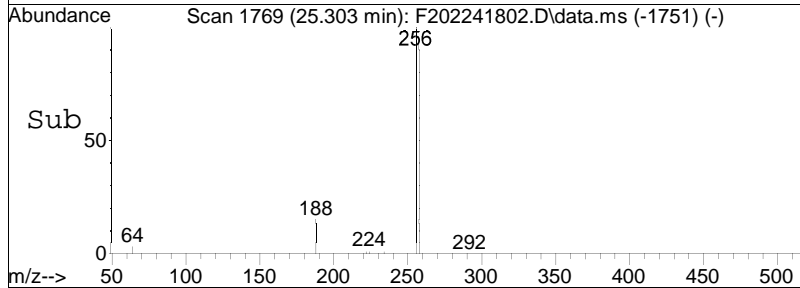
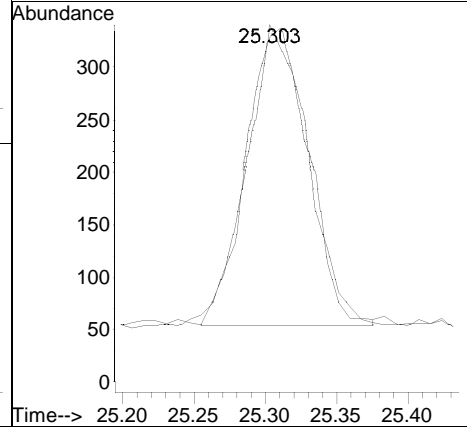
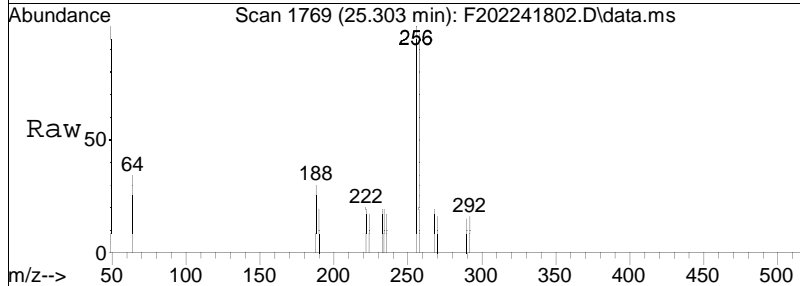
Tgt Ion	Resp	Lower	Upper
256	100		
258	95.8	76.6	115.0

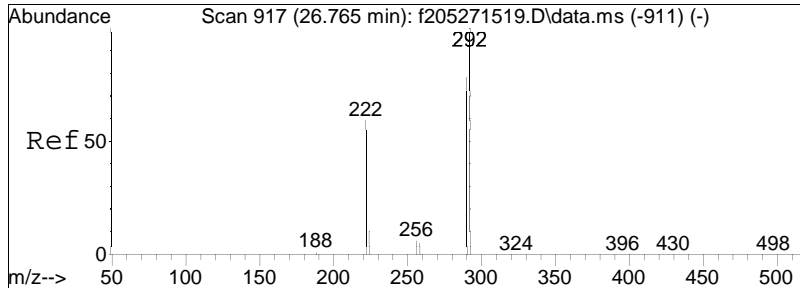




#39
 C13-BZ#25
 Concen: 0.35 ng/mL M4
 RT: 25.303 min Scan# 1769
 Delta R.T. -0.008 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

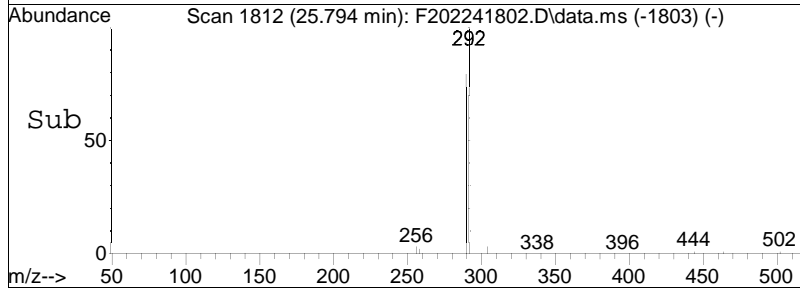
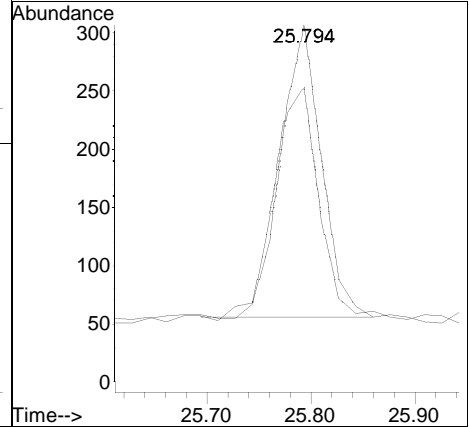
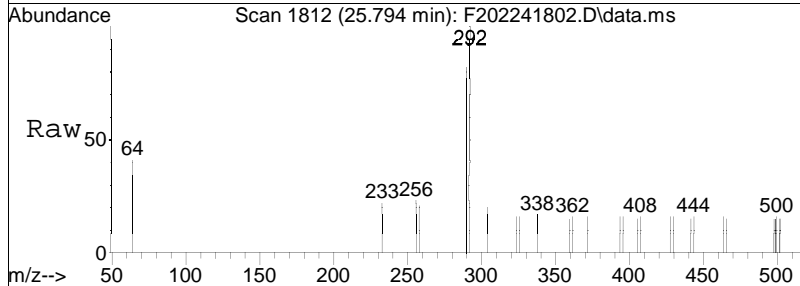
Tgt Ion	Resp	Lower	Upper
256	100		
258	98.1	77.5	116.3

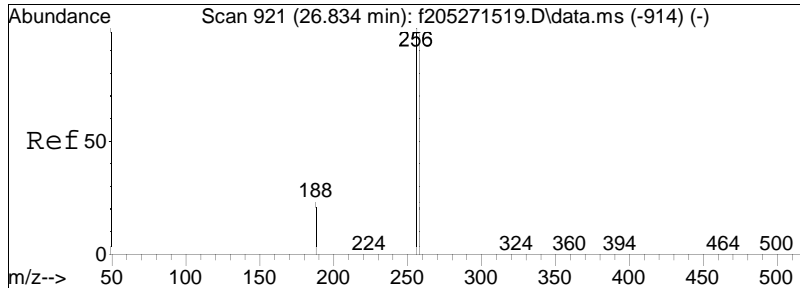




#40
 Cl4-BZ#53
 Concen: 0.36 ng/mL
 RT: 25.794 min Scan# 1812
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

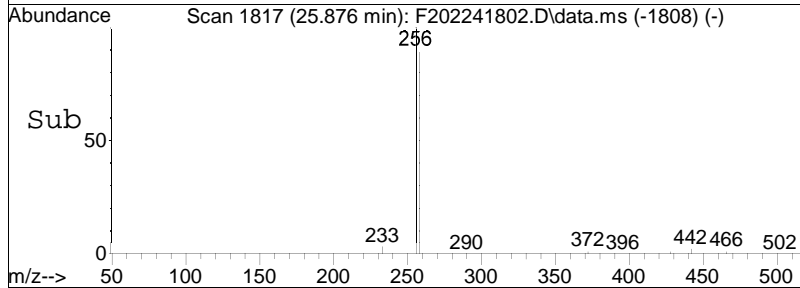
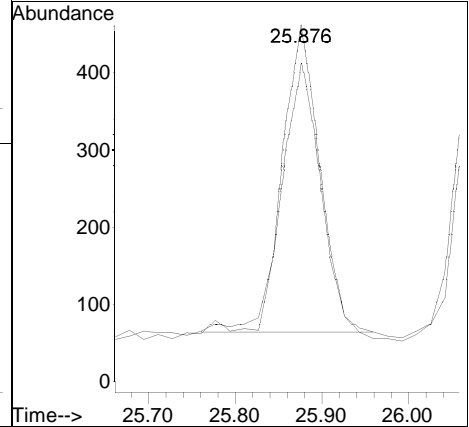
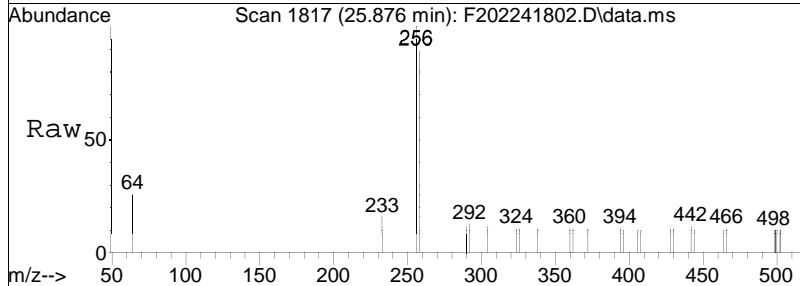
Tgt Ion	Resp	Lower	Upper
292	100		
290	79.6	62.4	93.6

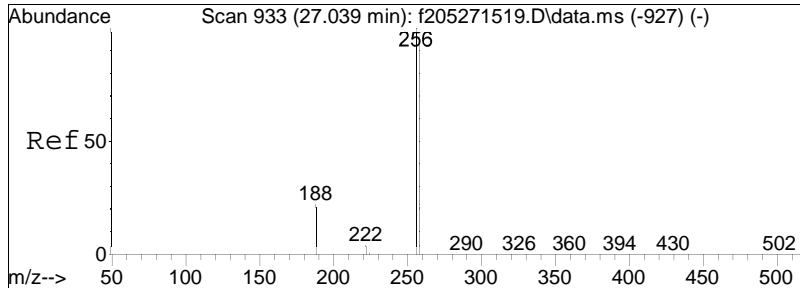




#41
 C13-BZ#-31
 Concen: 0.40 ng/mL
 RT: 25.876 min Scan# 1817
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

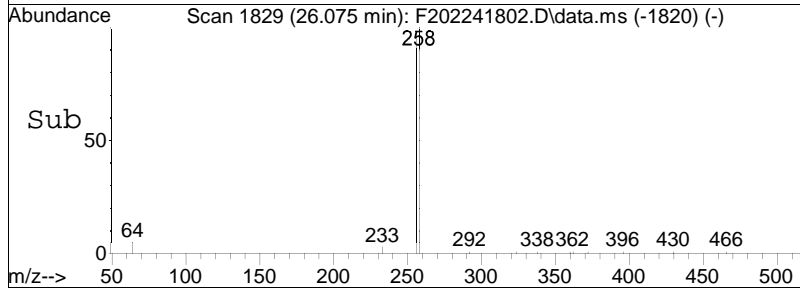
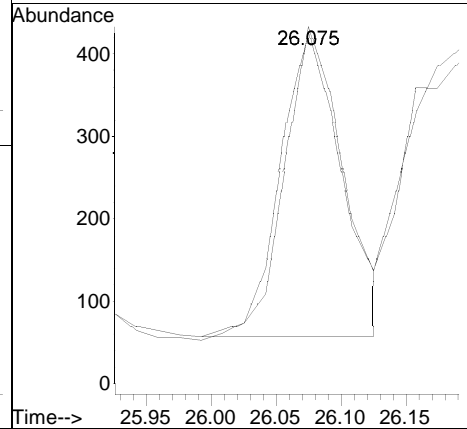
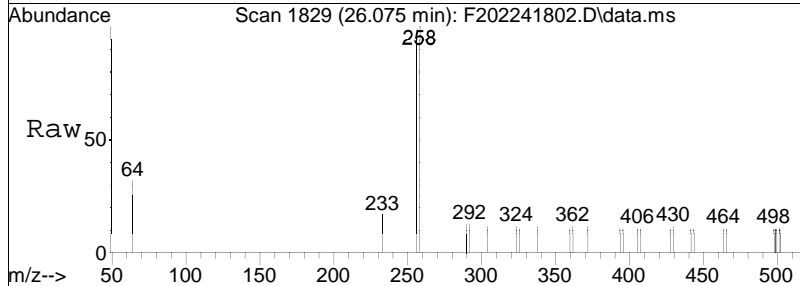
Tgt Ion	Resp	Lower	Upper
256	100		
258	92.4	78.6	117.8

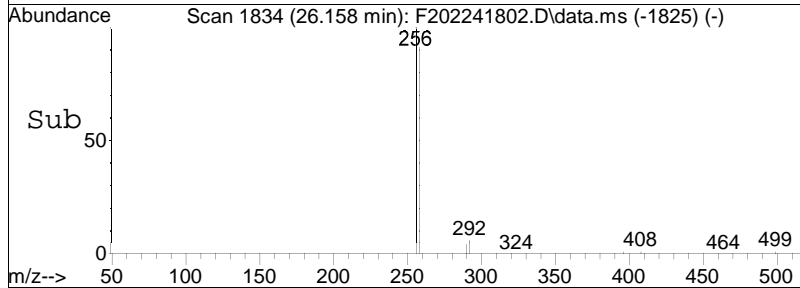
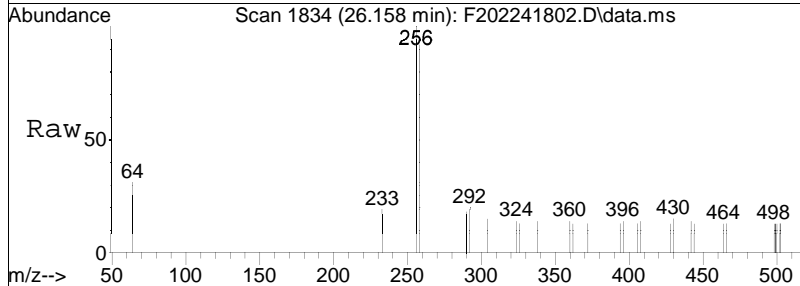
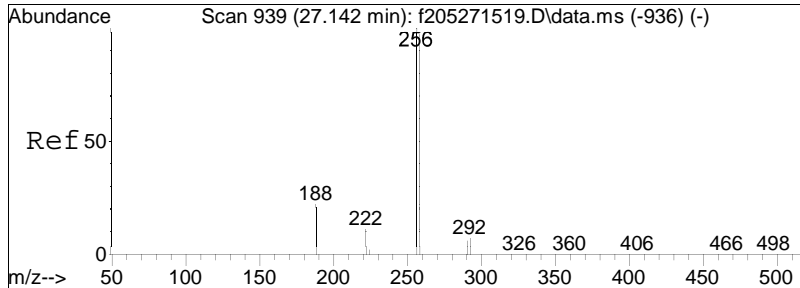




#42
 C13-BZ#28
 Concen: 0.39 ng/mL
 RT: 26.075 min Scan# 1829
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

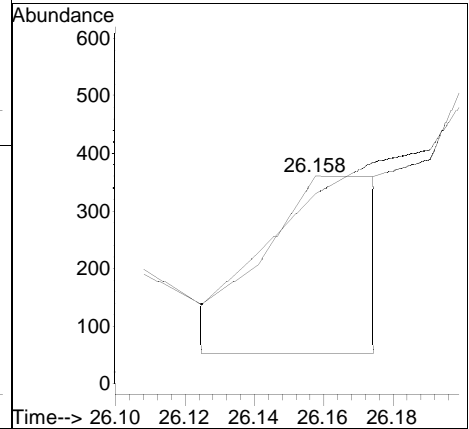
Tgt Ion	Resp	Lower	Upper
256	100		
258	101.4	77.5	116.3

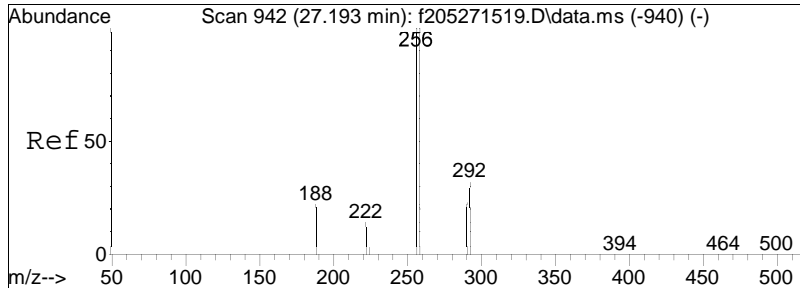




#43
 C13-BZ#33
 Concen: 0.27 ng/mL M3
 RT: 26.158 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

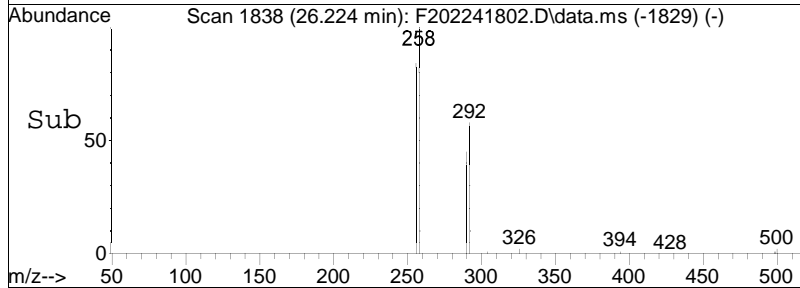
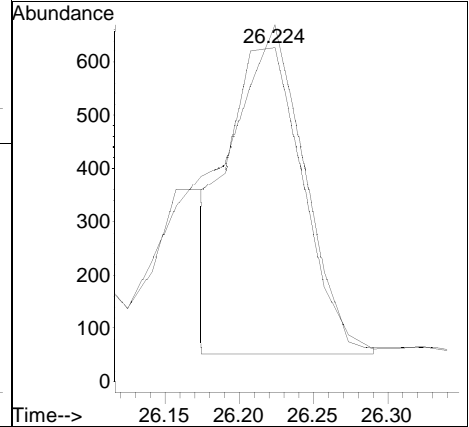
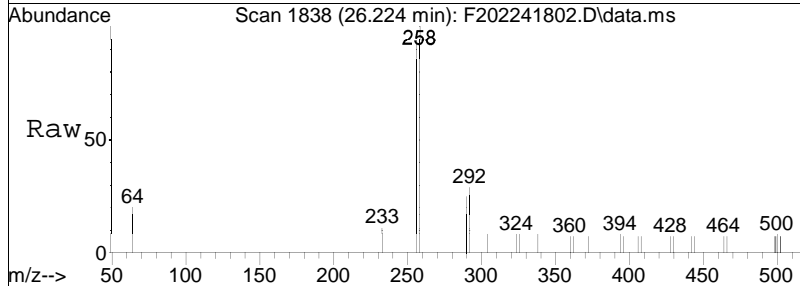
Tgt Ion	Resp	Lower	Upper
256	100		
258	278.6	76.2	114.4#

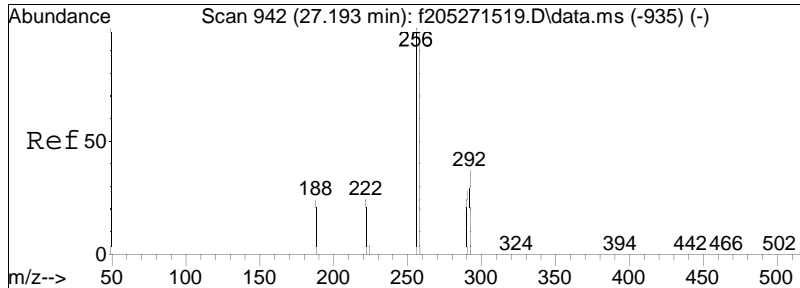




#44
 C13-BZ#21/#20
 Concen: 0.71 ng/mL M3
 RT: 26.224 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

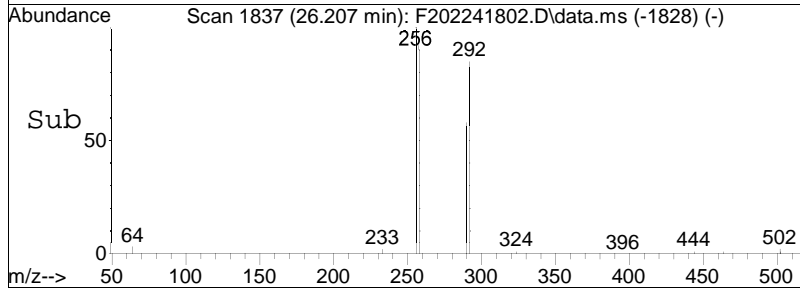
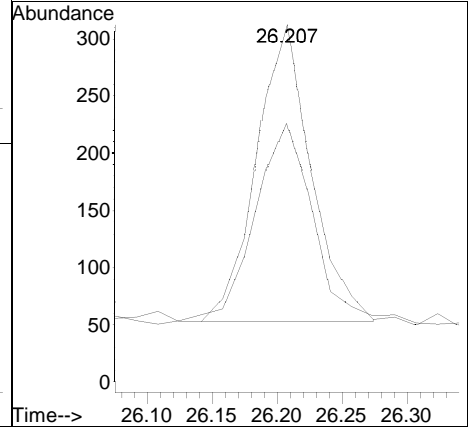
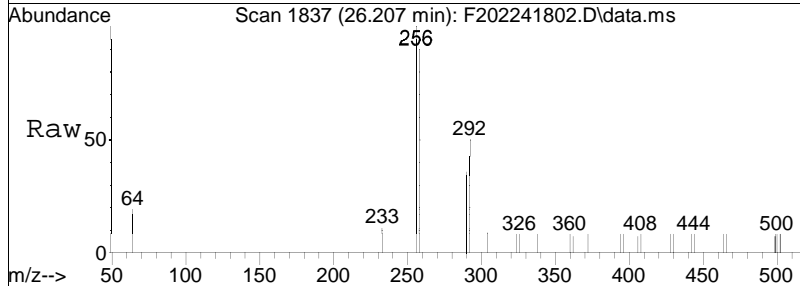
Tgt Ion	Resp	Lower	Upper
256	100		
258	137.0	77.8	116.8#

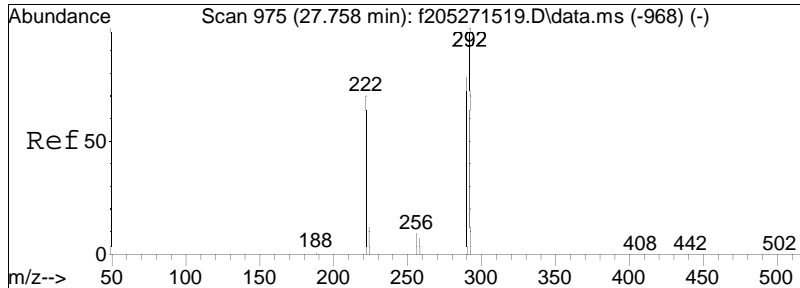




#45
 Cl4-BZ#51
 Concen: 0.35 ng/mL
 RT: 26.207 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

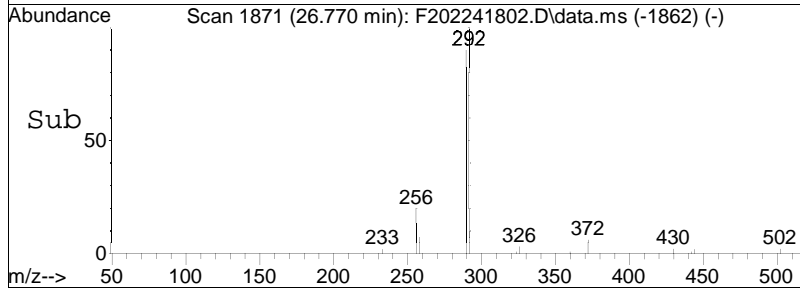
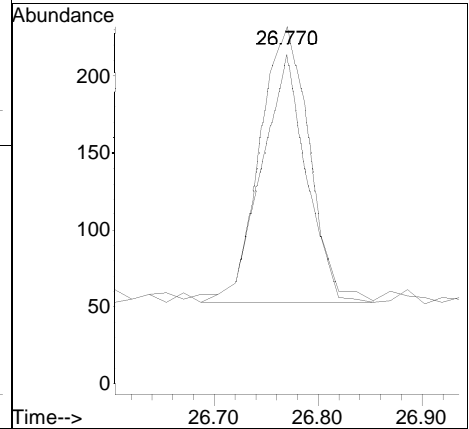
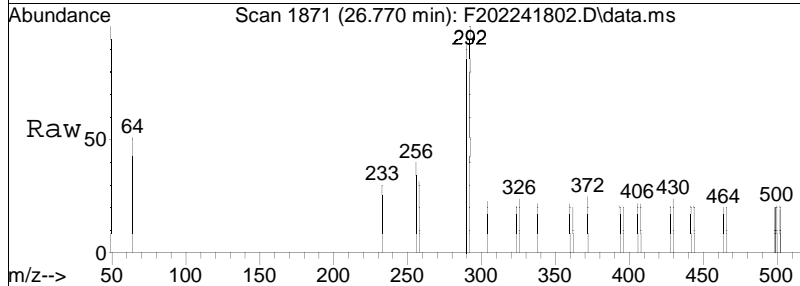
Tgt Ion	Resp	Lower	Upper
292	100		
290	72.4	61.4	92.2

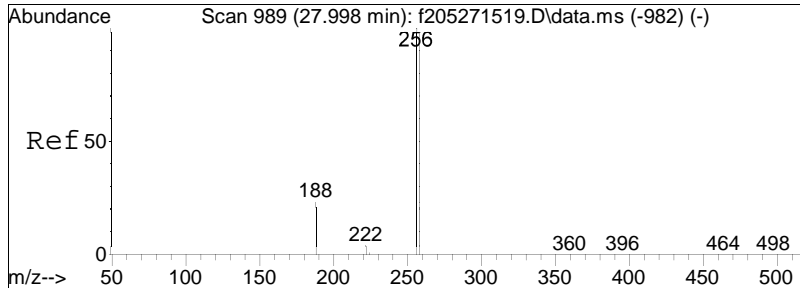




#46
 C14-BZ#45
 Concen: 0.36 ng/mL M4
 RT: 26.770 min Scan# 1871
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

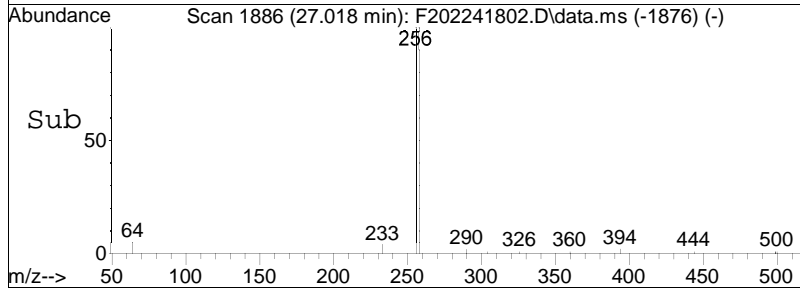
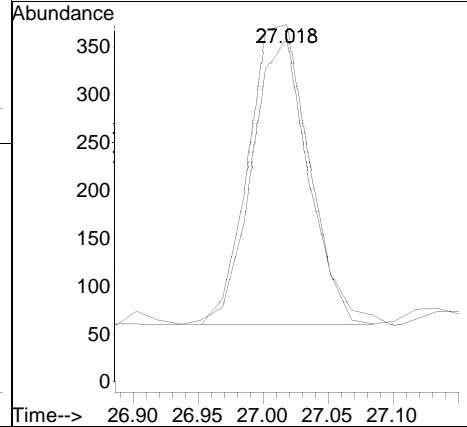
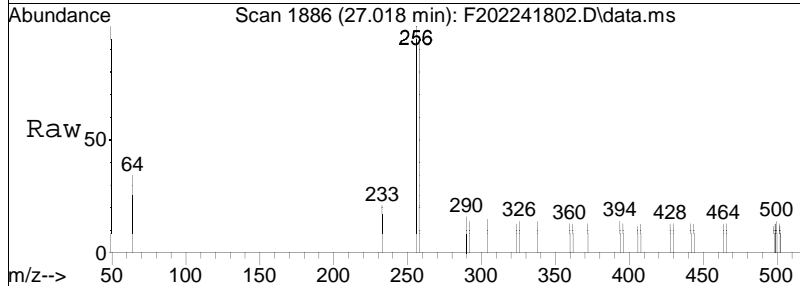
Tgt Ion: 292 Resp: 592
 Ion Ratio Lower Upper
 292 100
 290 82.1 62.6 93.8

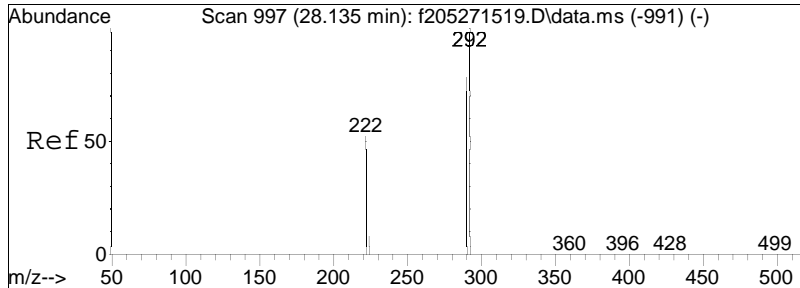




#47
 C13-BZ#22
 Concen: 0.36 ng/mL
 RT: 27.018 min Scan# 1886
 Delta R.T. 0.017 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

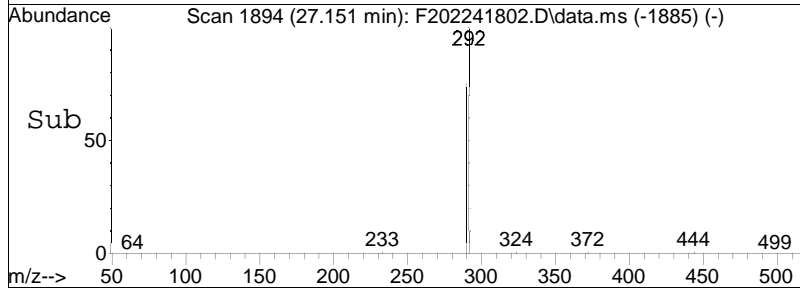
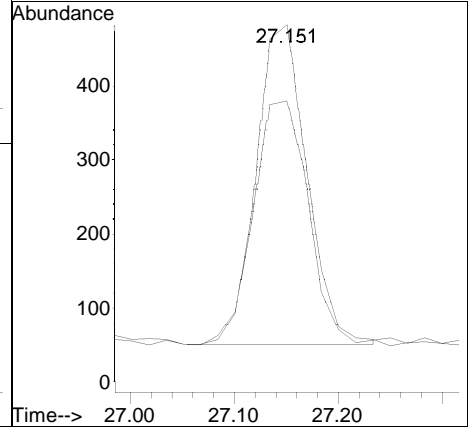
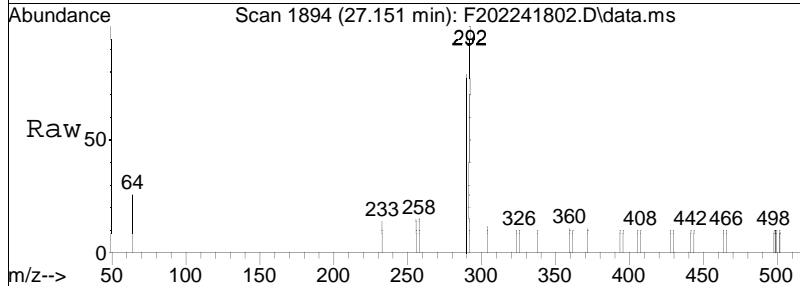
Tgt Ion: 256 Resp: 1008
 Ion Ratio Lower Upper
 256 100
 258 96.2 75.4 113.0

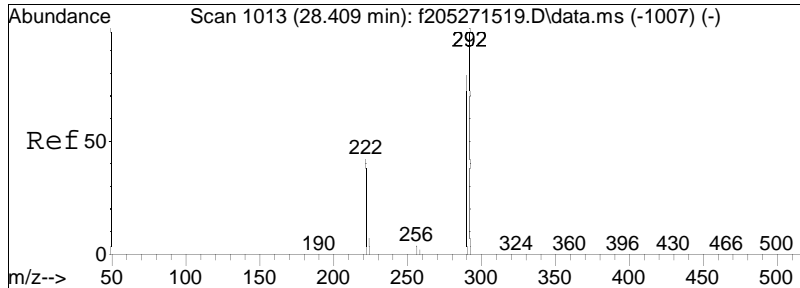




#48
 Cl4-BZ#73/#46
 Concen: 0.66 ng/mL
 RT: 27.151 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

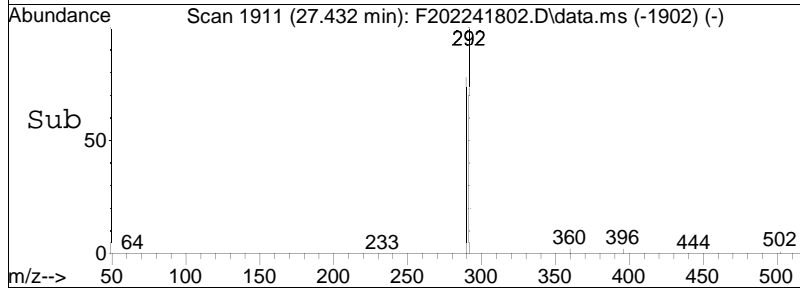
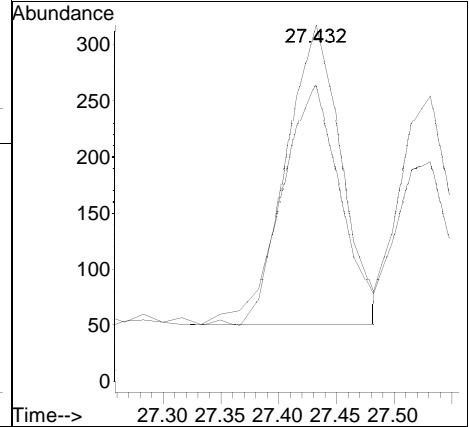
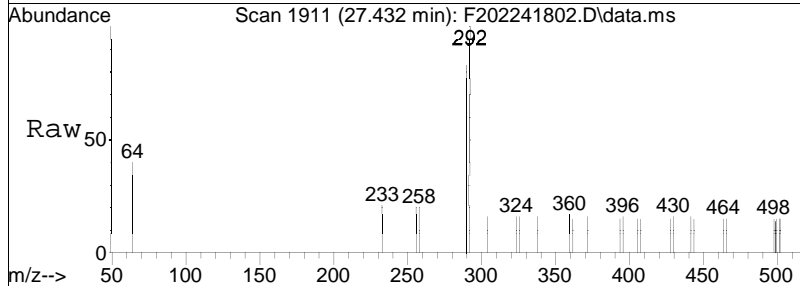
Tgt Ion	Ratio	Lower	Upper
292	100		
290	82.4	62.4	93.6

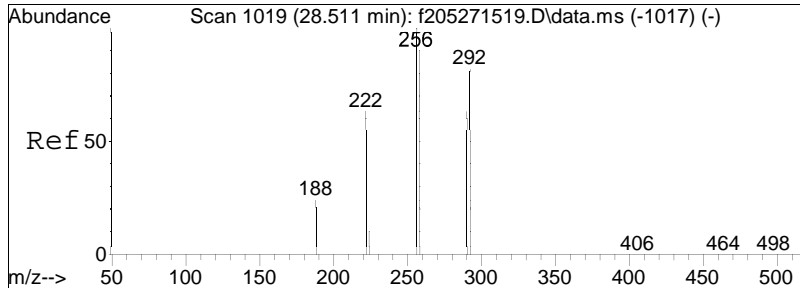




#49
 Cl4-BZ#69
 Concen: 0.35 ng/mL
 RT: 27.432 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

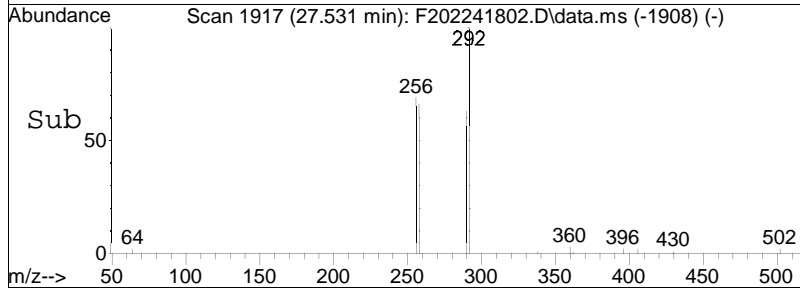
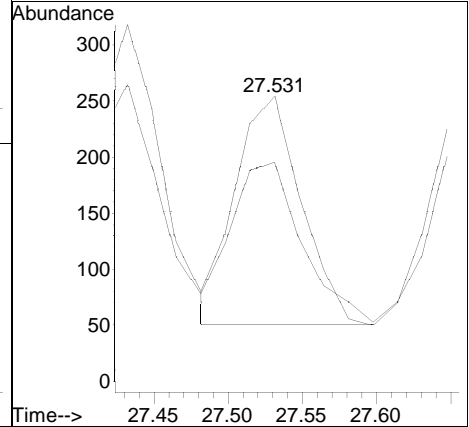
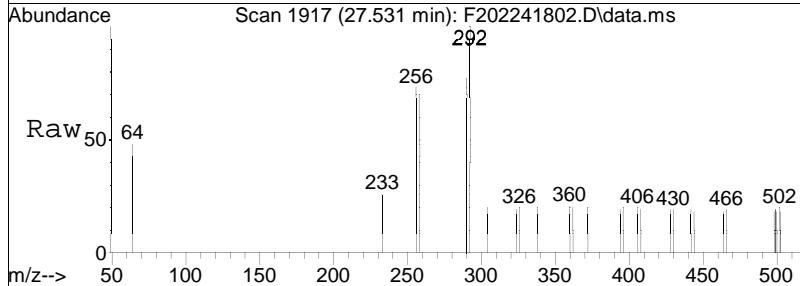
Tgt Ion	Ratio	Lower	Upper
292	100		
290	85.6	62.0	93.0

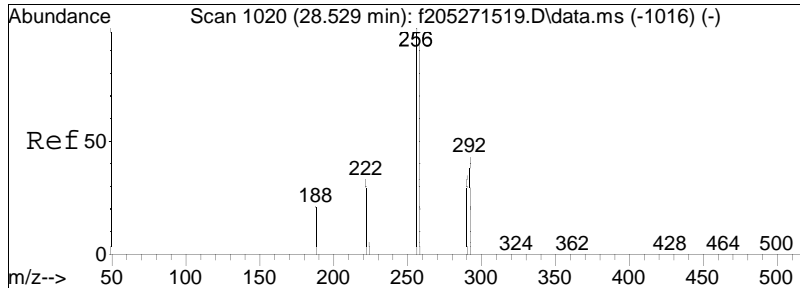




#50
 C14-BZ#43
 Concen: 0.35 ng/mL
 RT: 27.531 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

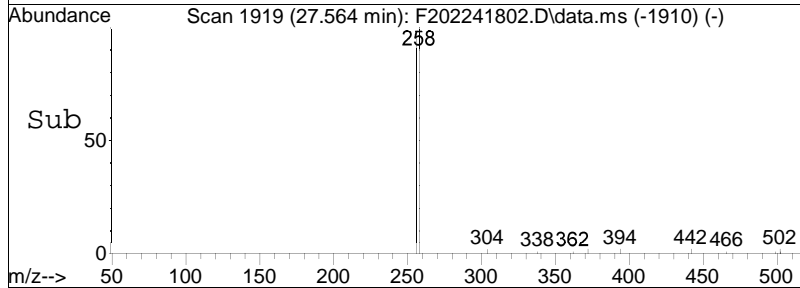
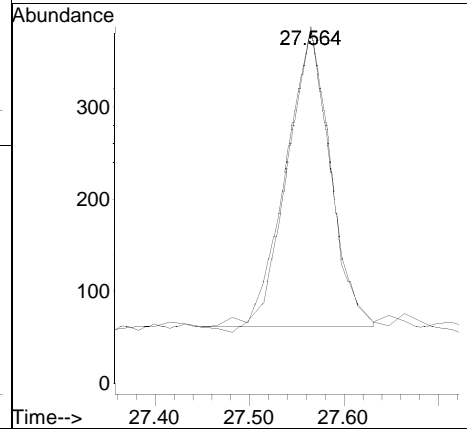
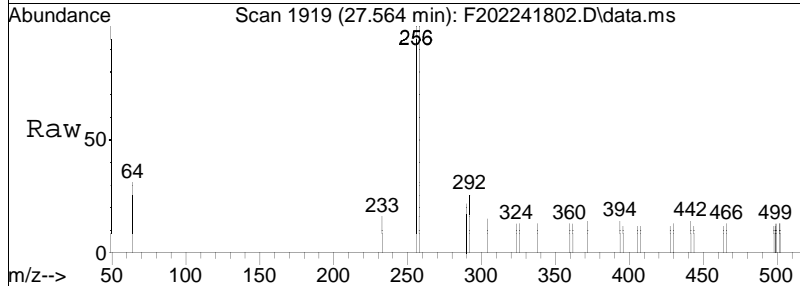
Tgt Ion: 292 Resp: 634
 Ion Ratio Lower Upper
 292 100
 290 74.0 60.5 90.7

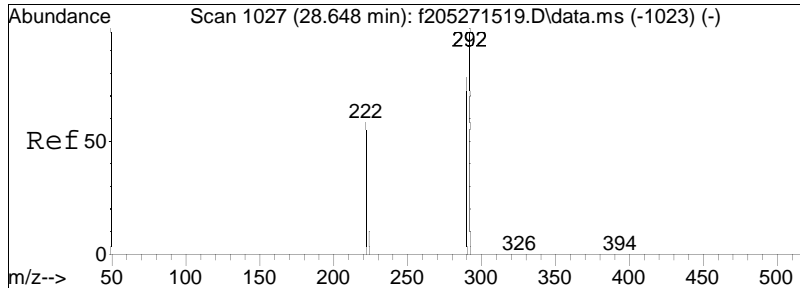




#51
 C13-BZ#36
 Concen: 0.33 ng/mL
 RT: 27.564 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

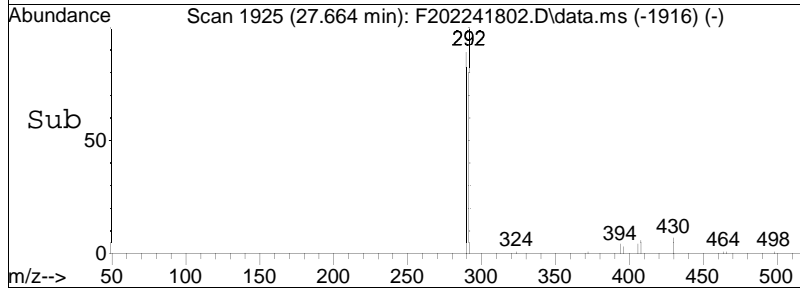
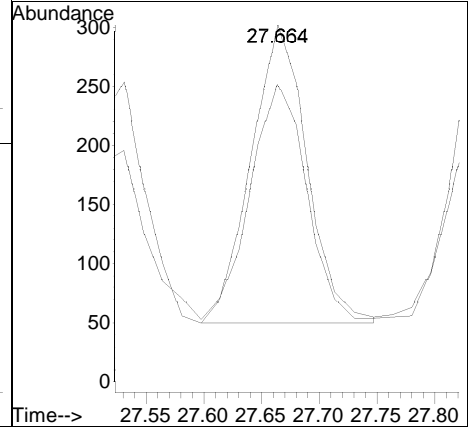
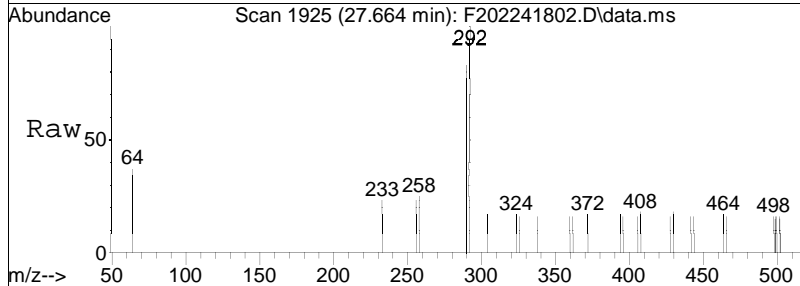
Tgt Ion	Resp	Lower	Upper
256	1055		
258	101.5	77.4	116.0

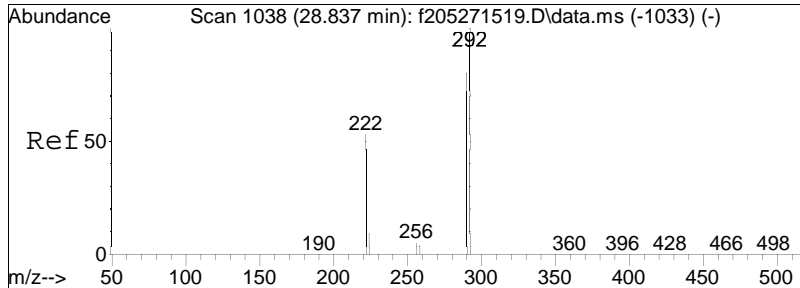




#52
 C14-BZ#52
 Concen: 0.39 ng/mL
 RT: 27.664 min Scan# 1925
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

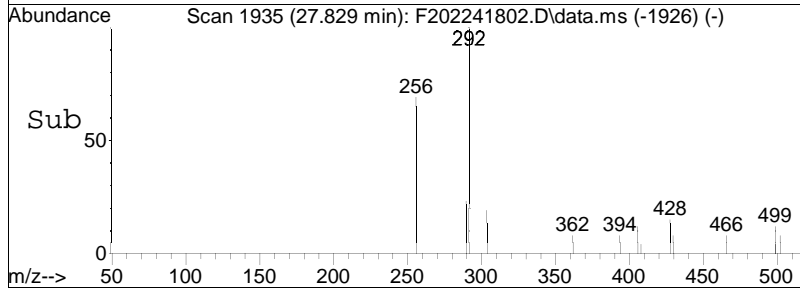
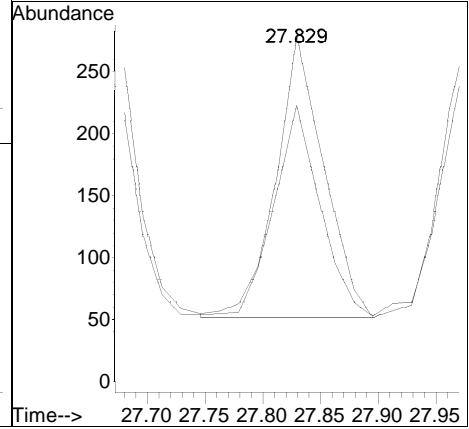
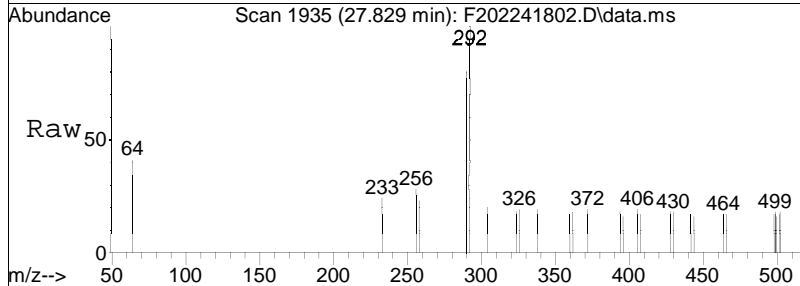
Tgt Ion: 292 Resp: 849
 Ion Ratio Lower Upper
 292 100
 290 83.4 60.8 91.2

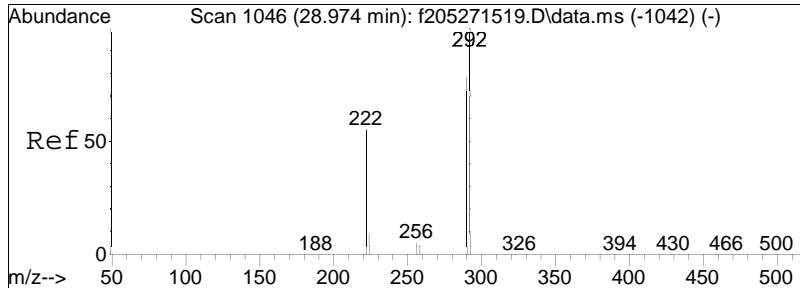




#53
 C14-BZ#48
 Concen: 0.36 ng/mL
 RT: 27.829 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

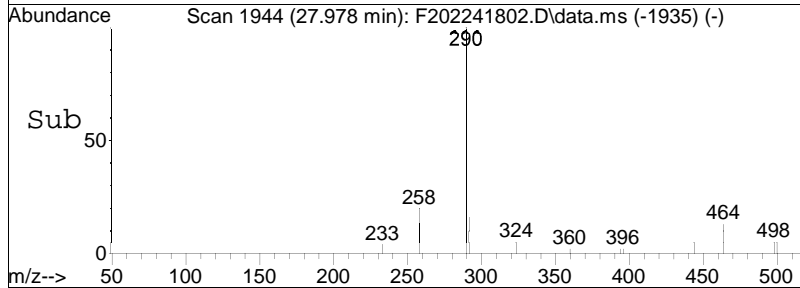
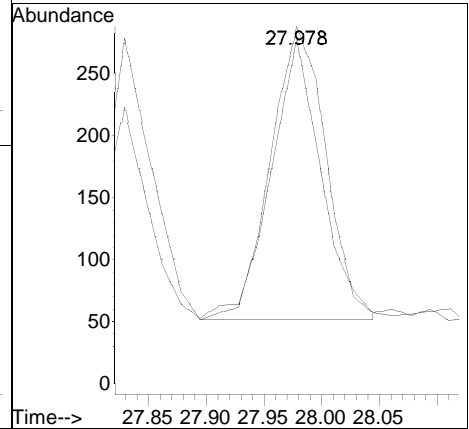
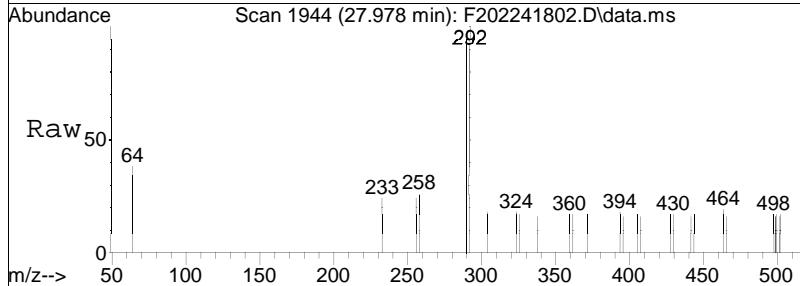
Tgt Ion	Resp	Lower	Upper
292	100		
290	79.9	61.0	91.6

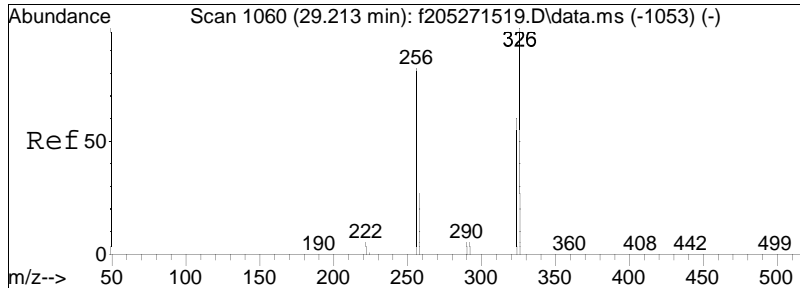




#54
 C14-BZ#49
 Concen: 0.39 ng/mL
 RT: 27.978 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

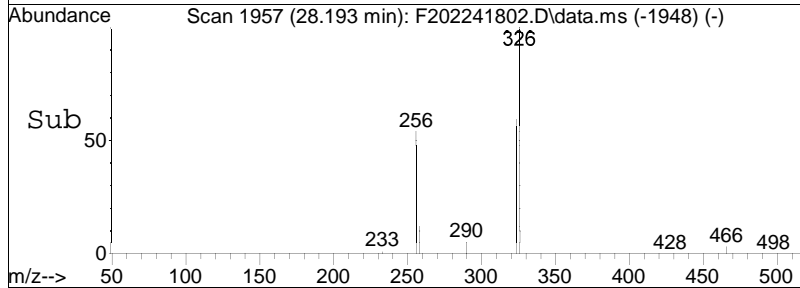
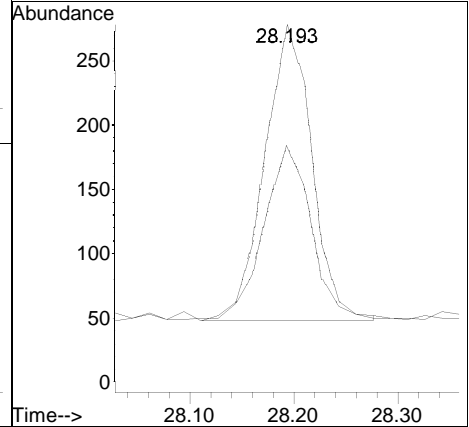
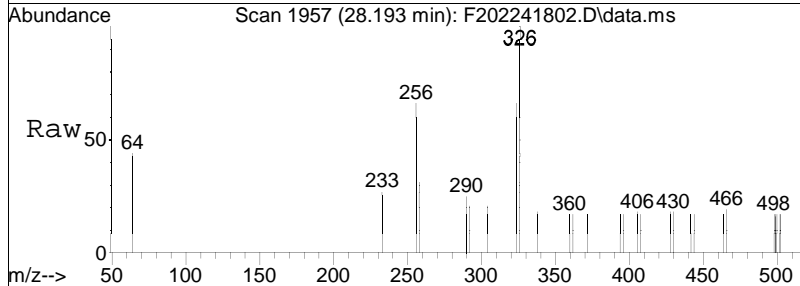
Tgt Ion	Resp	Lower	Upper
292	100		
290	96.5	62.1	93.1#

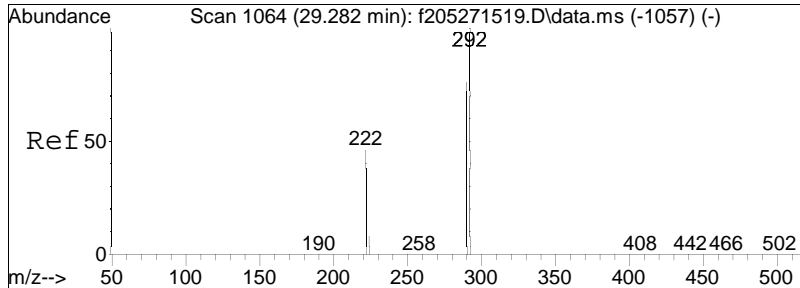




#55
 C15-BZ#104-RTW
 Concen: 0.33 ng/mL
 RT: 28.193 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

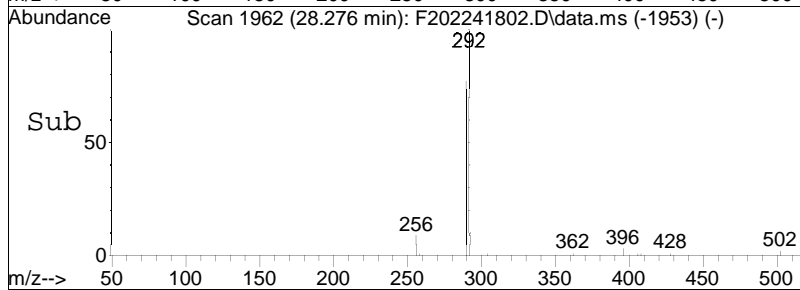
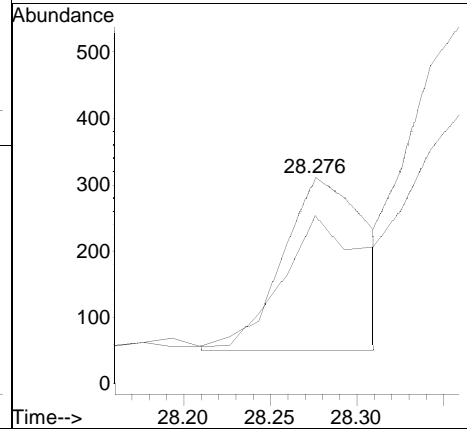
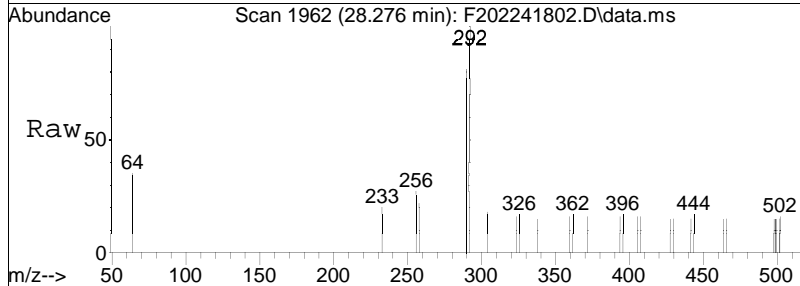
Tgt Ion:	326	Resp:	723
Ion Ratio	Lower	Upper	
326	100		
324	66.2	48.4	72.6

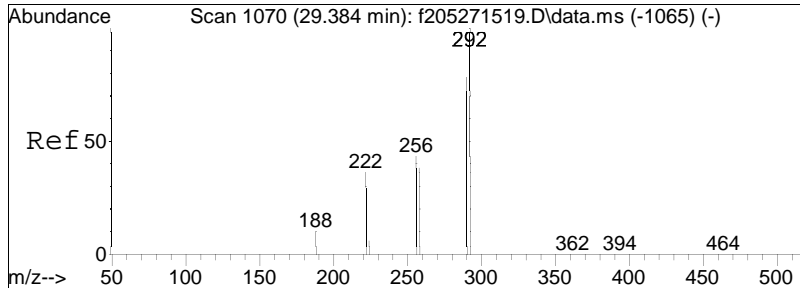




#56
 C14-BZ#47
 Concen: 0.42 ng/mL M3
 RT: 28.276 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

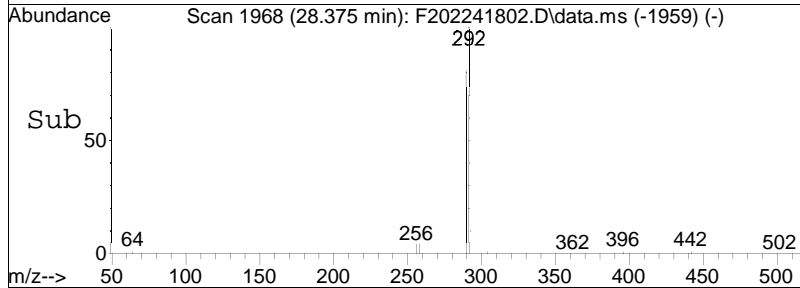
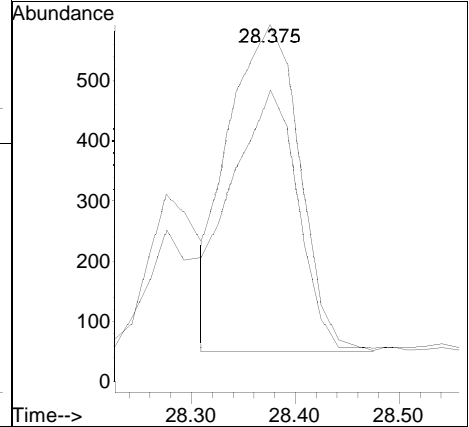
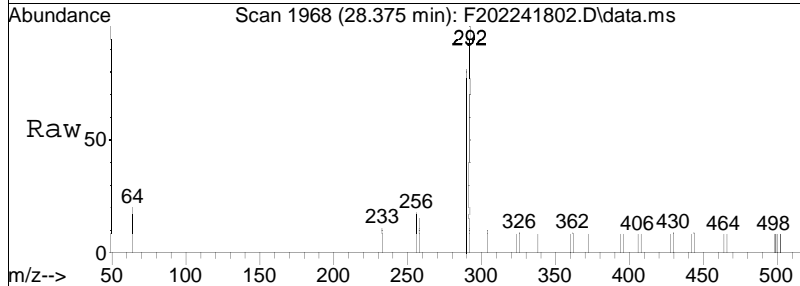
Tgt Ion	Resp	Lower	Upper
292	100		
290	0.0	63.0	94.4#

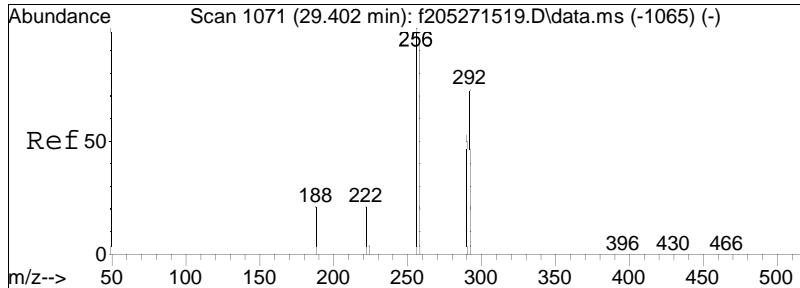




#57
 C14-BZ#65/#75/#62
 Concen: 0.99 ng/mL M3
 RT: 28.375 min Scan# 1968
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

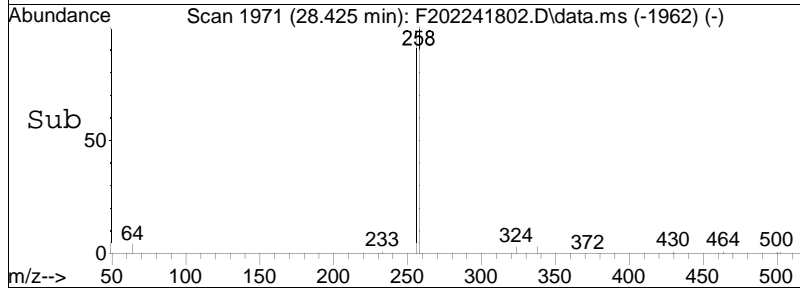
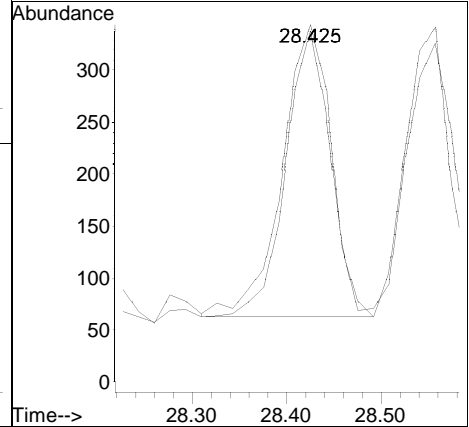
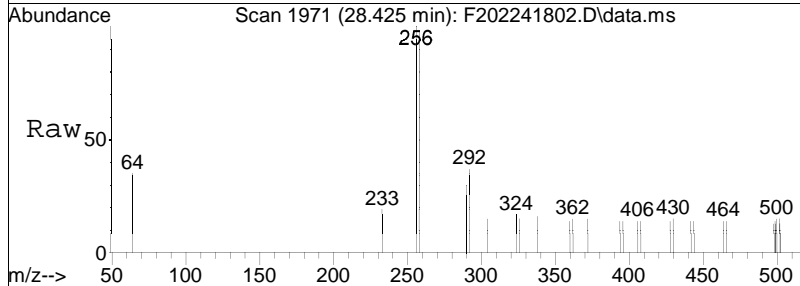
Tgt Ion: 292 Resp: 2573
 Ion Ratio Lower Upper
 292 100
 290 90.4 63.0 94.6

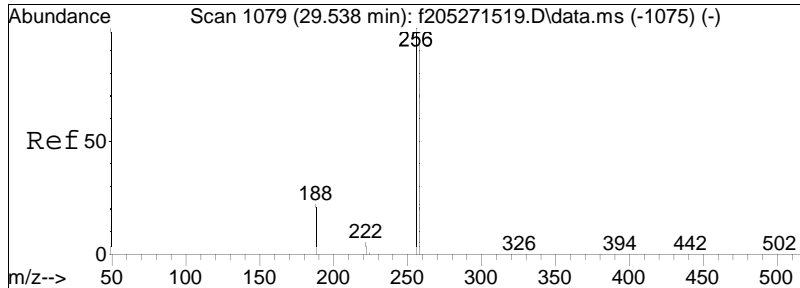




#58
 C13-BZ#39
 Concen: 0.35 ng/mL
 RT: 28.425 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

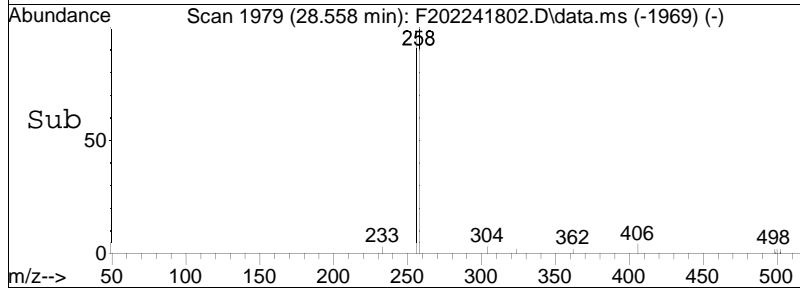
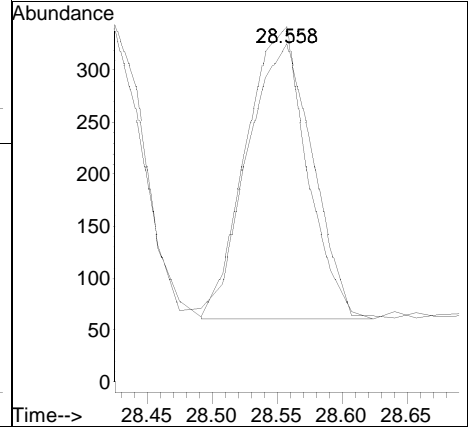
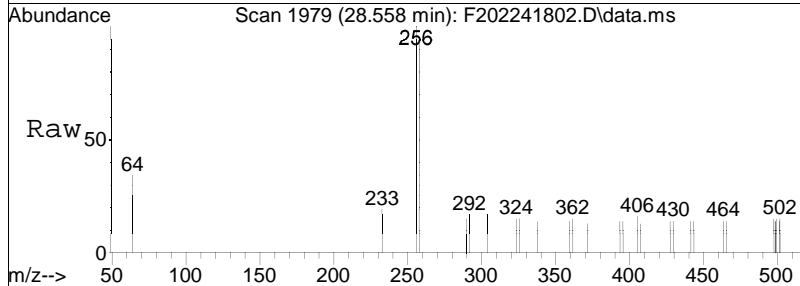
Tgt Ion: 256 Resp: 1016
 Ion Ratio Lower Upper
 256 100
 258 88.2 76.2 114.2

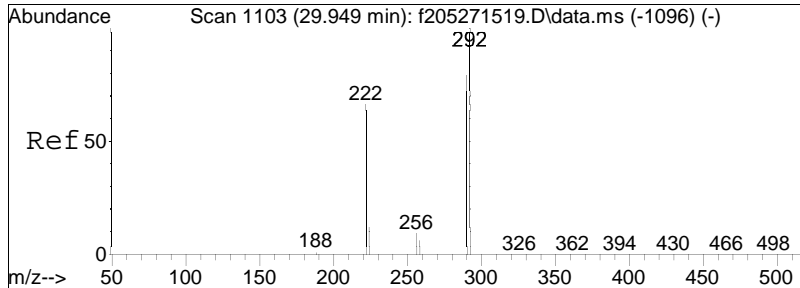




#59
 C13-BZ#38
 Concen: 0.32 ng/mL
 RT: 28.558 min Scan# 1979
 Delta R.T. 0.017 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

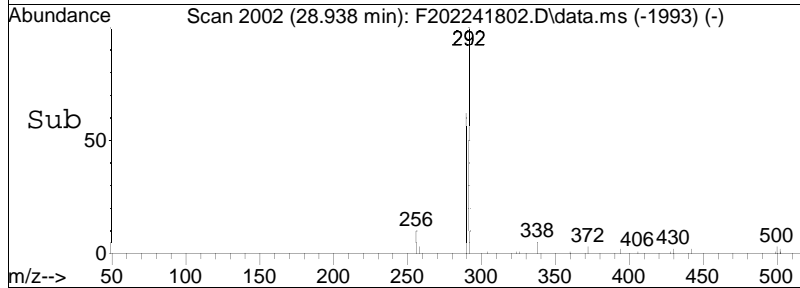
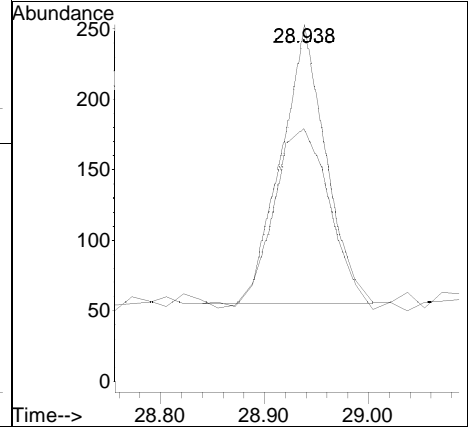
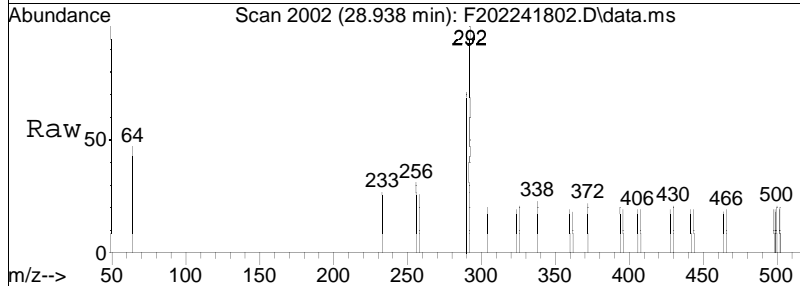
Tgt Ion	Resp	Lower	Upper
256	100		
258	98.9	74.9	112.3

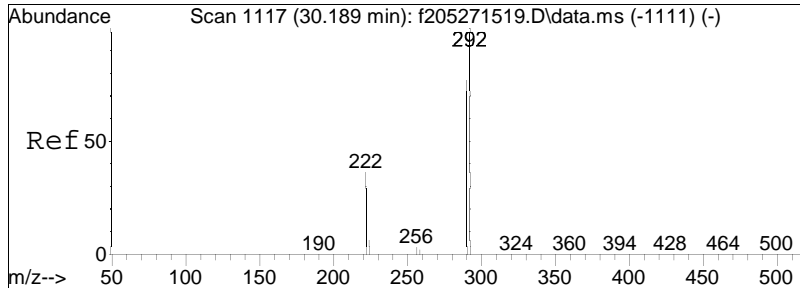




#60
 C14-BZ#44
 Concen: 0.34 ng/mL
 RT: 28.938 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

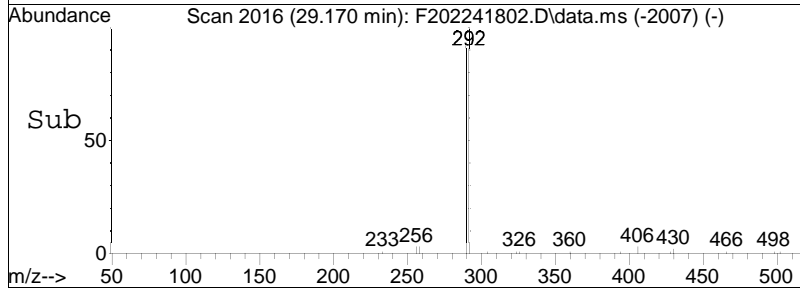
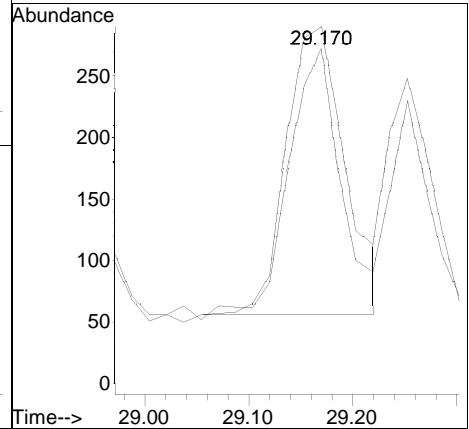
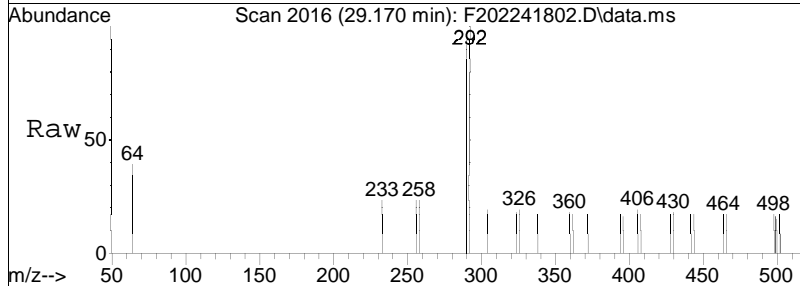
Tgt Ion: 292 Resp: 589
 Ion Ratio Lower Upper
 292 100
 290 70.8 63.1 94.7

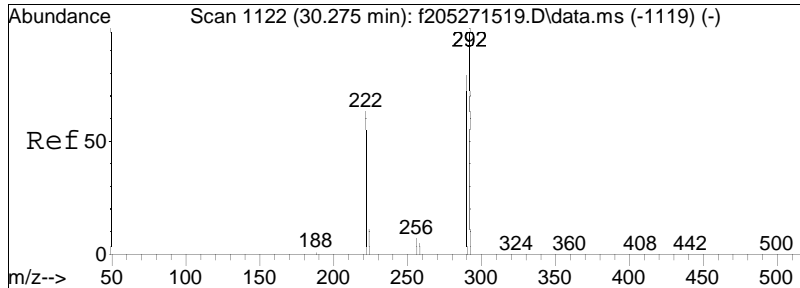




#61
 C14-BZ#59
 Concen: 0.36 ng/mL
 RT: 29.170 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

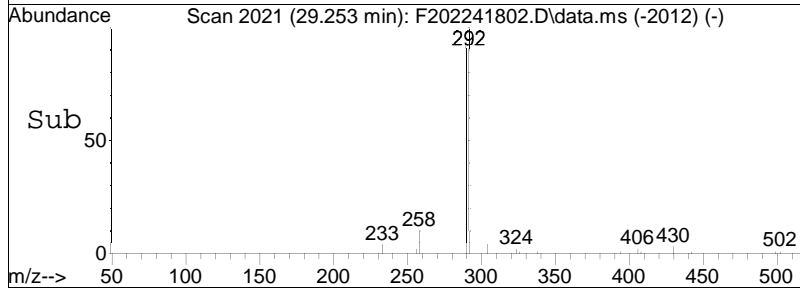
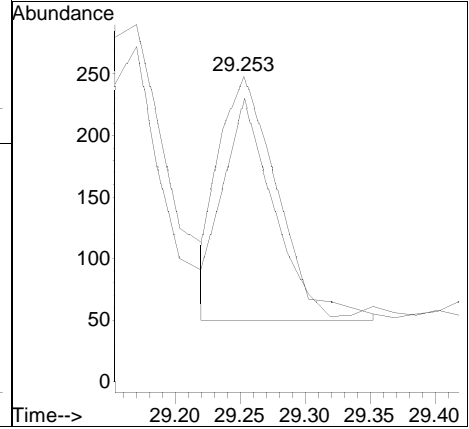
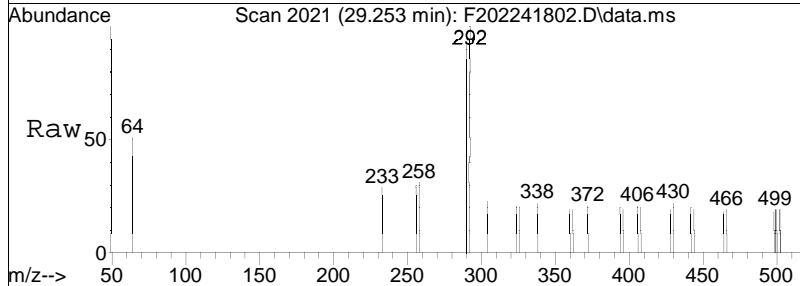
Tgt Ion	Resp	Lower	Upper
292	100		
290	85.7	64.0	96.0

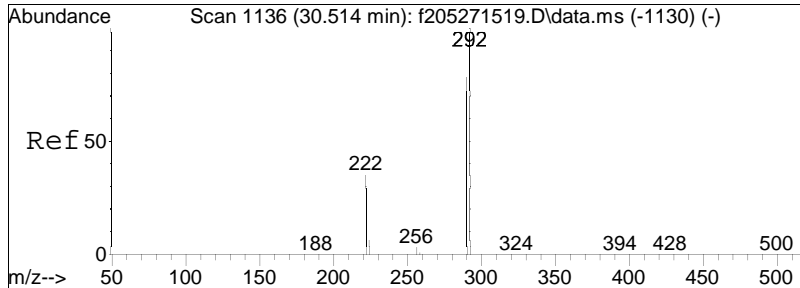




#62
 C14-BZ#42
 Concen: 0.37 ng/mL M4
 RT: 29.253 min Scan# 2021
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

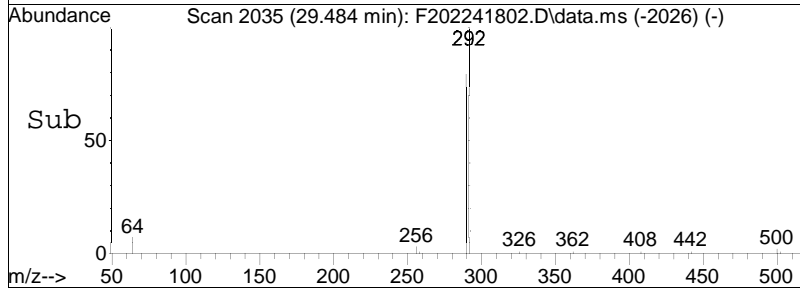
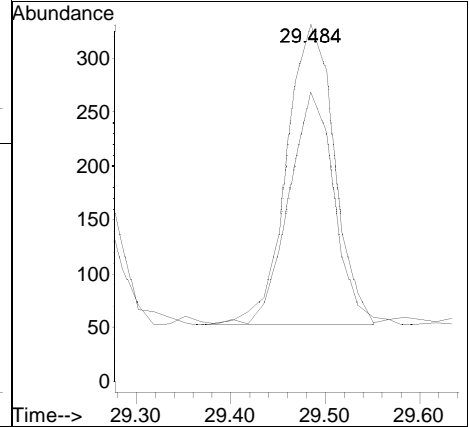
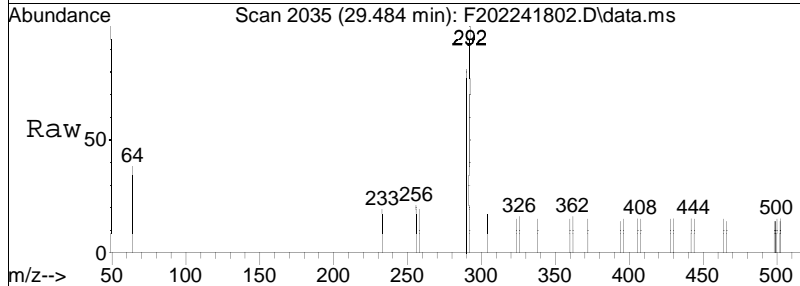
Tgt Ion: 292 Resp: 615
 Ion Ratio Lower Upper
 292 100
 290 81.4 64.3 96.5

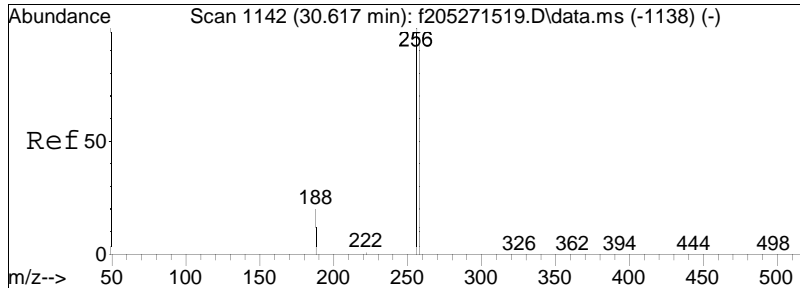




#63
 C14-BZ#71
 Concen: 0.36 ng/mL
 RT: 29.484 min Scan# 2035
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

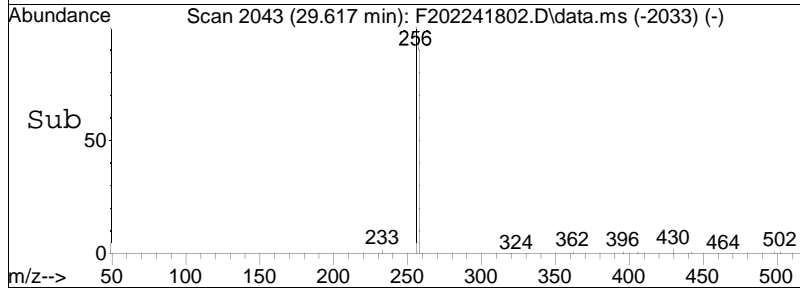
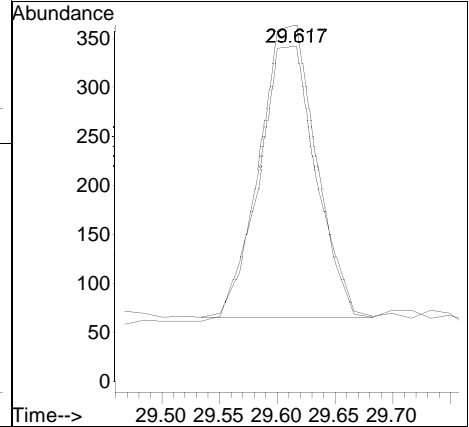
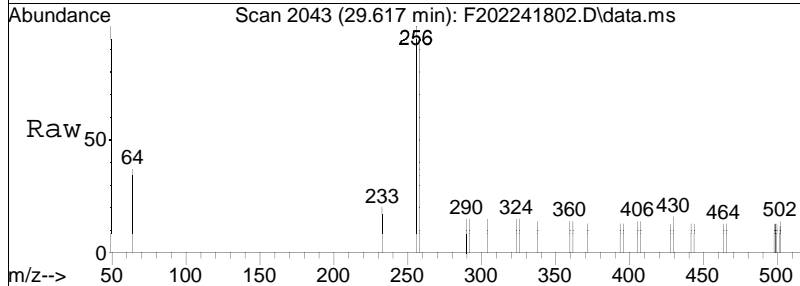
Tgt Ion:	292	Resp:	987
Ion Ratio	Lower	Upper	
292	100		
290	72.3	62.8	94.2

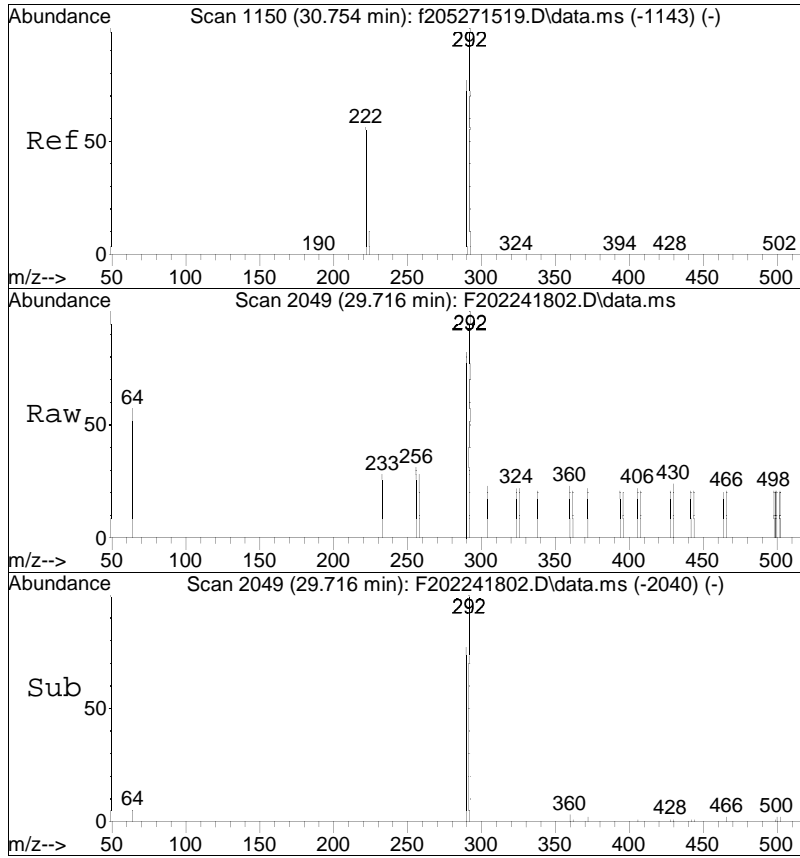




#64
 C13-BZ#35
 Concen: 0.36 ng/mL
 RT: 29.617 min Scan# 2043
 Delta R.T. 0.017 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

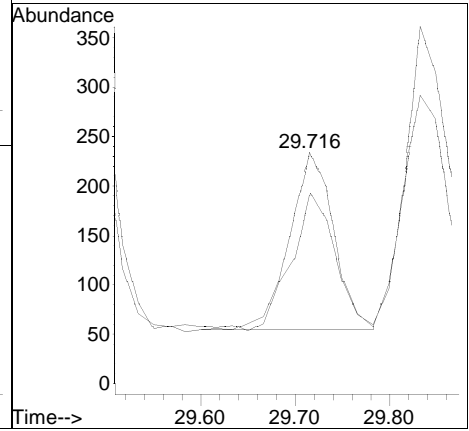
Tgt Ion: 256 Resp: 1005
 Ion Ratio Lower Upper
 256 100
 258 97.4 77.2 115.8

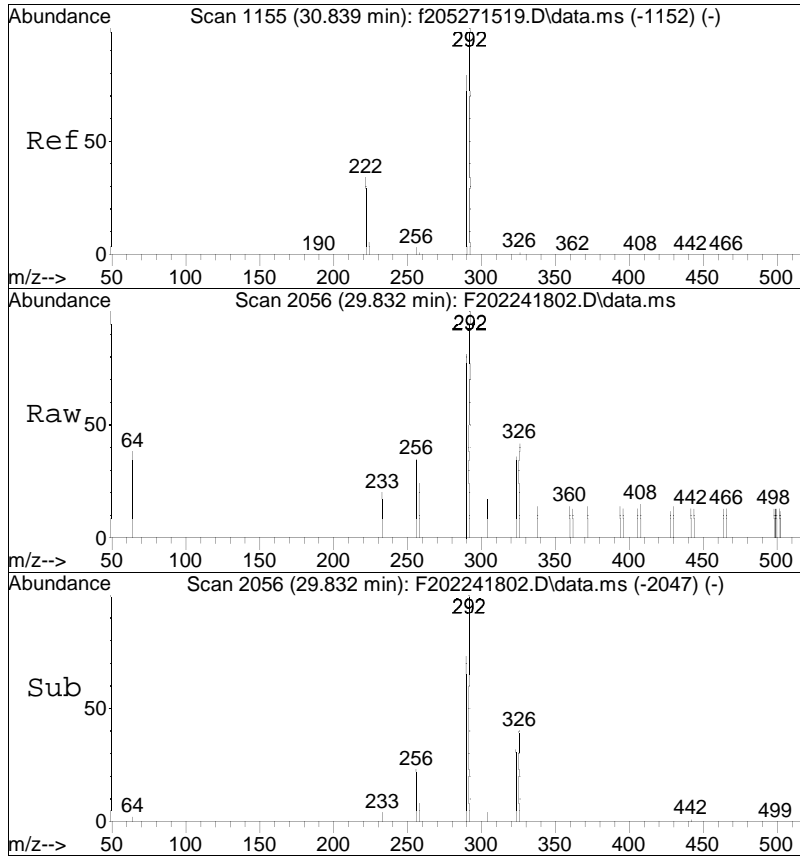




#65
 C14-BZ#41
 Concen: 0.37 ng/mL
 RT: 29.716 min Scan# 2049
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

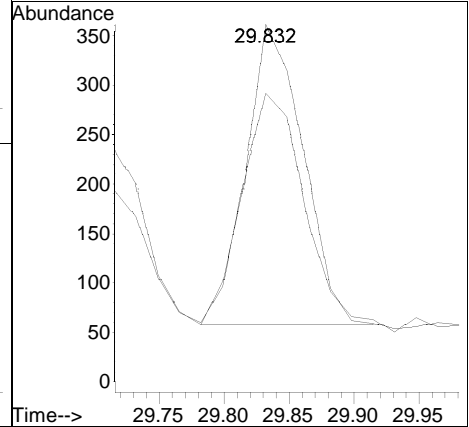
Tgt Ion	Resp	Lower	Upper
292	100		
290	78.2	63.0	94.4

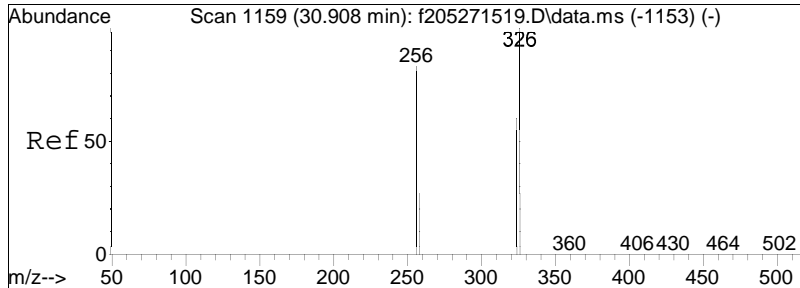




#66
 C14-BZ#72
 Concen: 0.33 ng/mL
 RT: 29.832 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

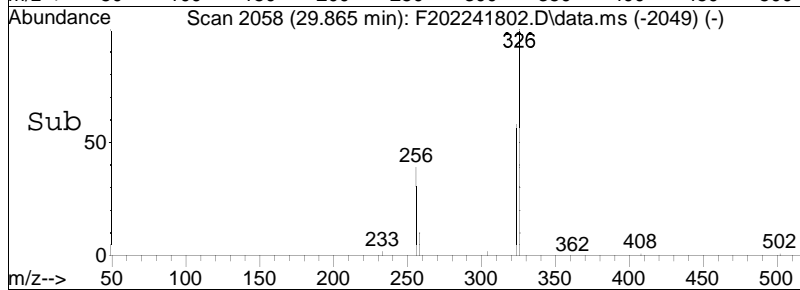
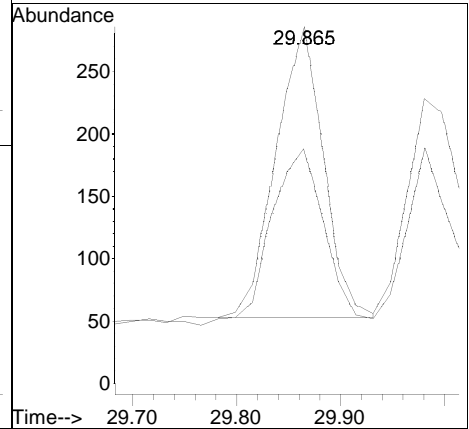
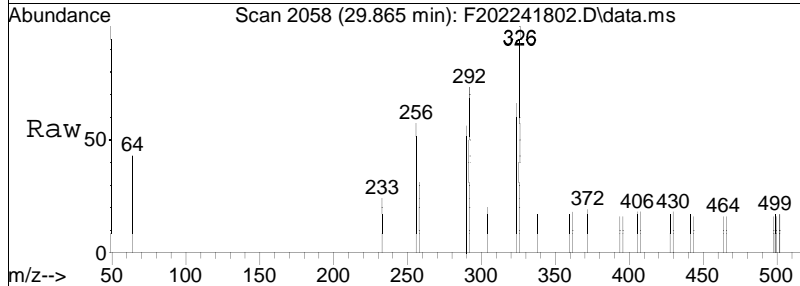
Tgt Ion	Resp	Lower	Upper
292	100		
290	81.3	62.6	93.8

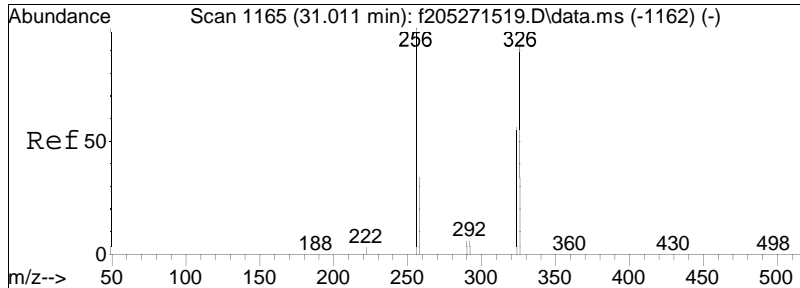




#67
 C15-BZ#96
 Concen: 0.32 ng/mL
 RT: 29.865 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

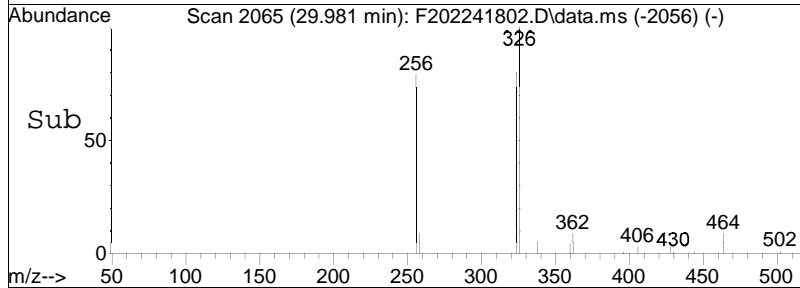
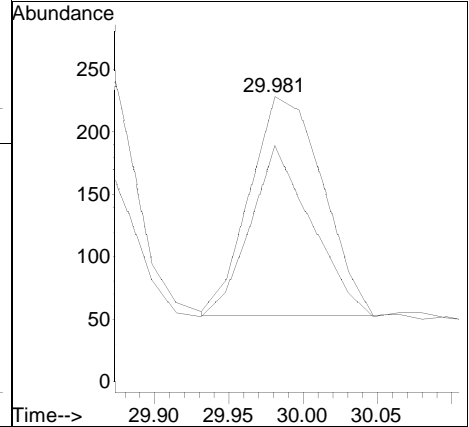
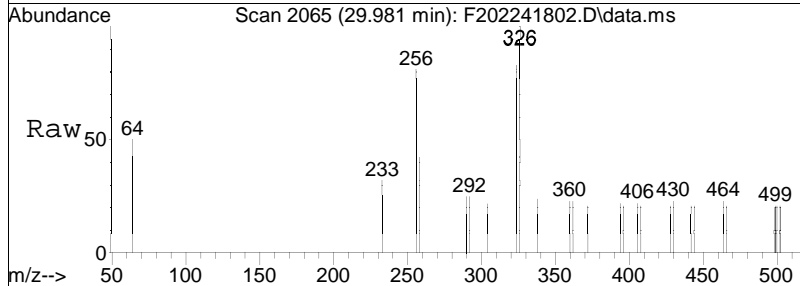
Tgt Ion: 326 Resp: 740
 Ion Ratio Lower Upper
 326 100
 324 68.6 47.2 70.8

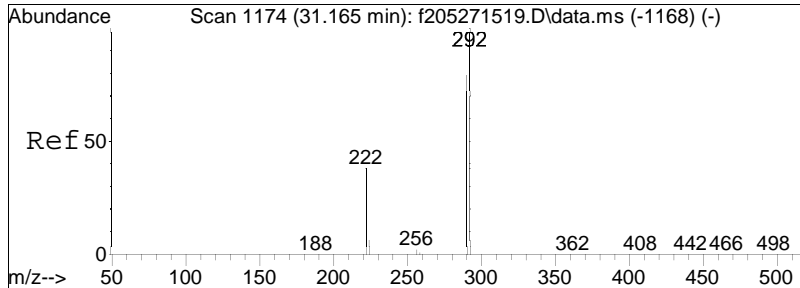




#68
 C15-BZ#103
 Concen: 0.36 ng/mL
 RT: 29.981 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

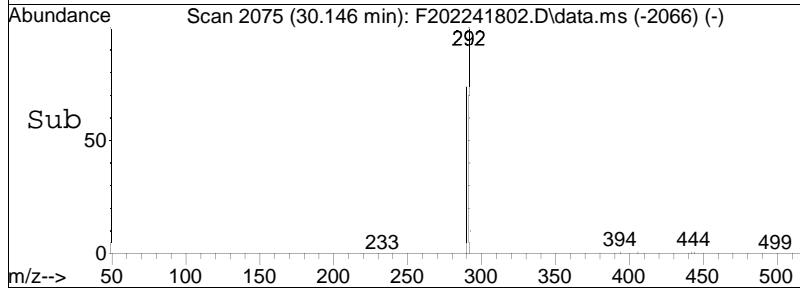
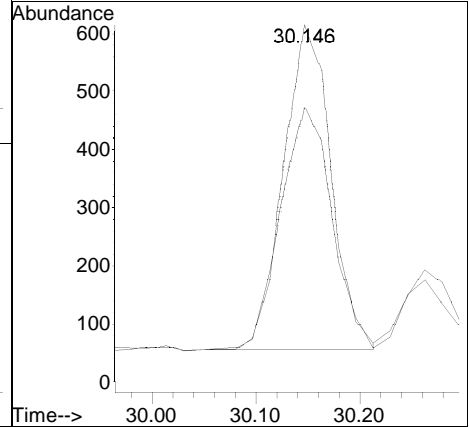
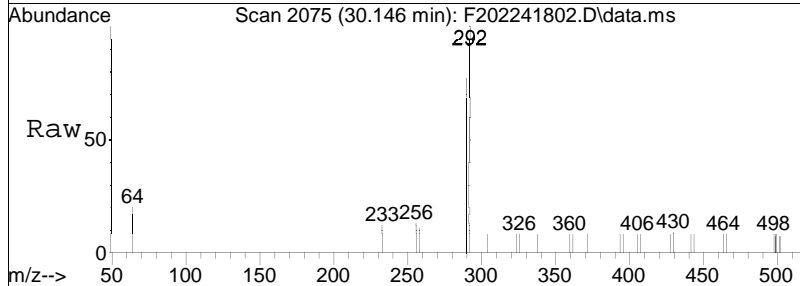
Tgt Ion: 326 Resp: 600
 Ion Ratio Lower Upper
 326 100
 324 65.8 51.6 77.4

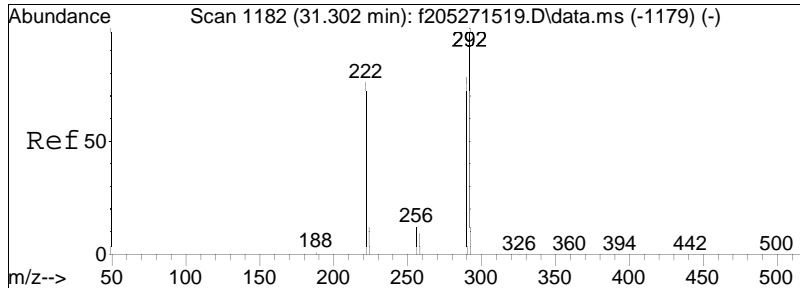




#69
 C14-BZ#68/#64
 Concen: 0.68 ng/mL
 RT: 30.146 min Scan# 2075
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

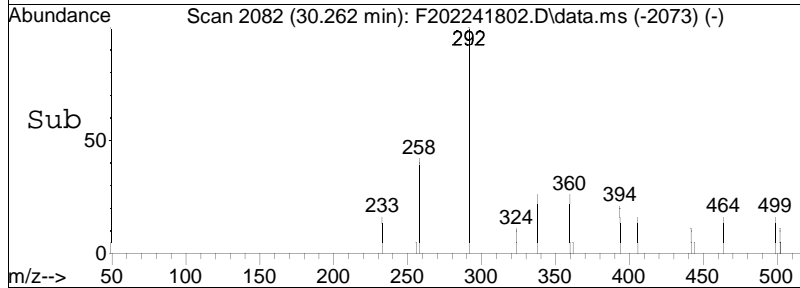
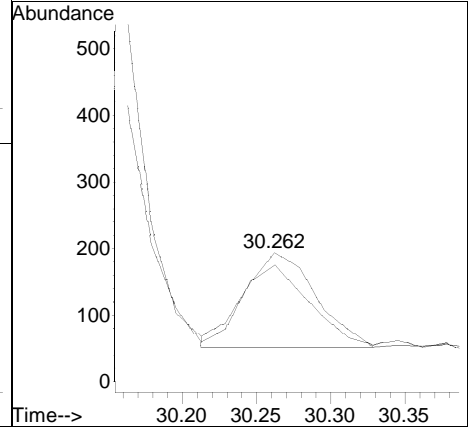
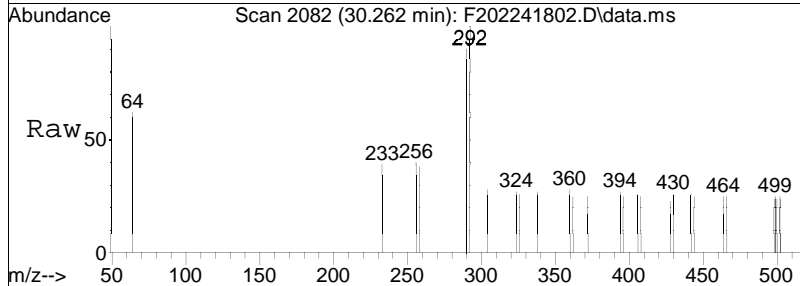
Tgt Ion: 292 Resp: 1772
 Ion Ratio Lower Upper
 292 100
 290 81.2 61.7 92.5

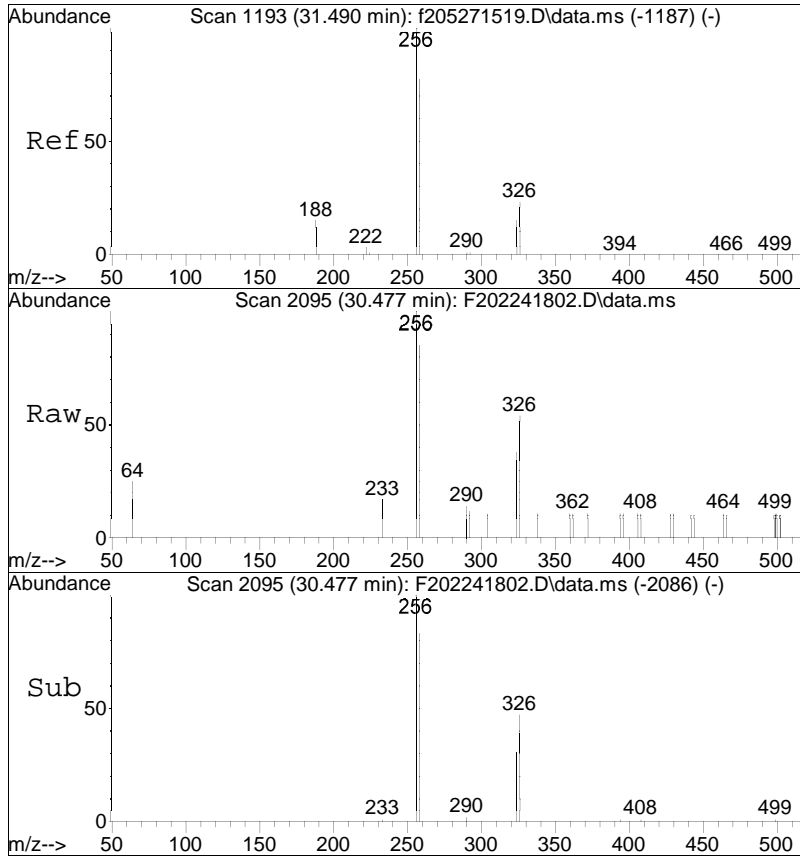




#70
 C14-BZ#40
 Concen: 0.37 ng/mL
 RT: 30.262 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

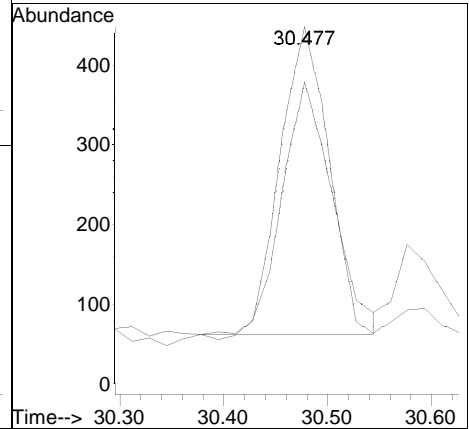
Tgt Ion: 292 Resp: 467
 Ion Ratio Lower Upper
 292 100
 290 77.7 63.8 95.6

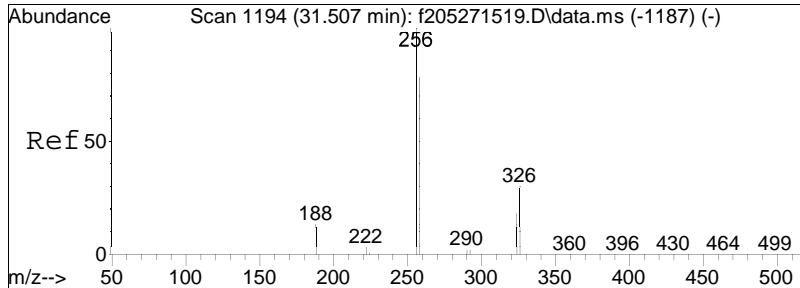




#71
 C13-BZ#37-RTW
 Concen: 0.35 ng/mL
 RT: 30.477 min Scan# 2095
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

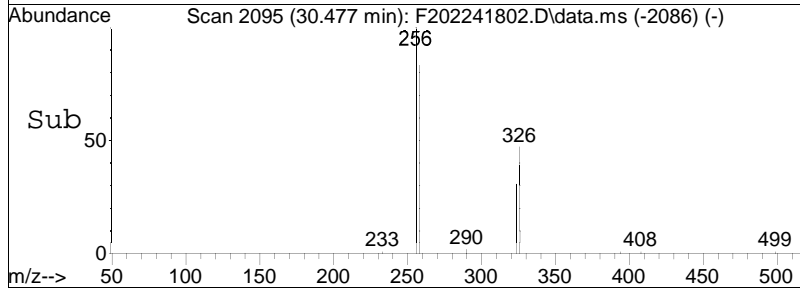
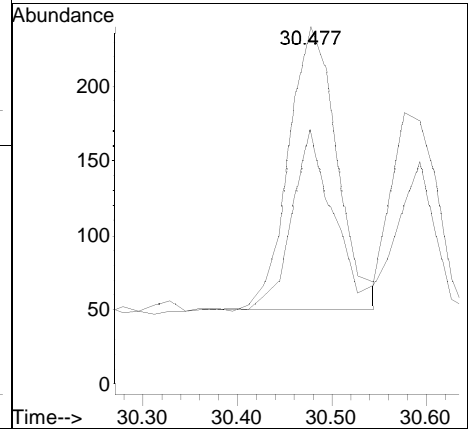
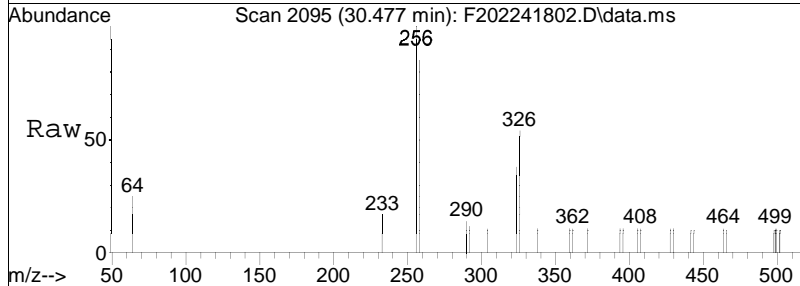
Tgt Ion	Resp	Lower	Upper
256	100		
258	84.6	63.5	95.3

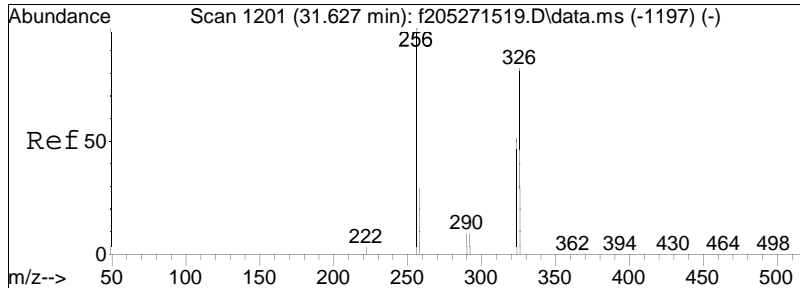




#72
 C15-BZ#100
 Concen: 0.36 ng/mL
 RT: 30.477 min Scan# 2095
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

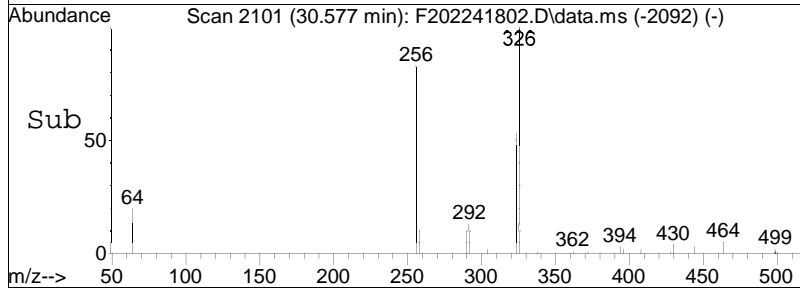
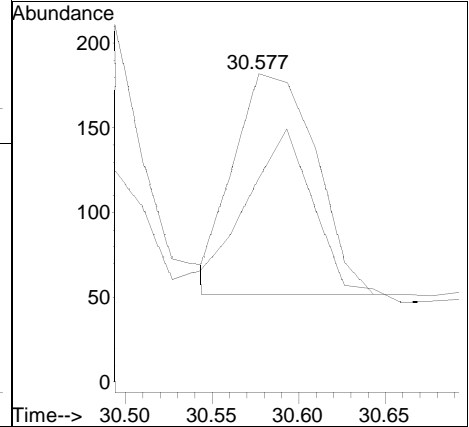
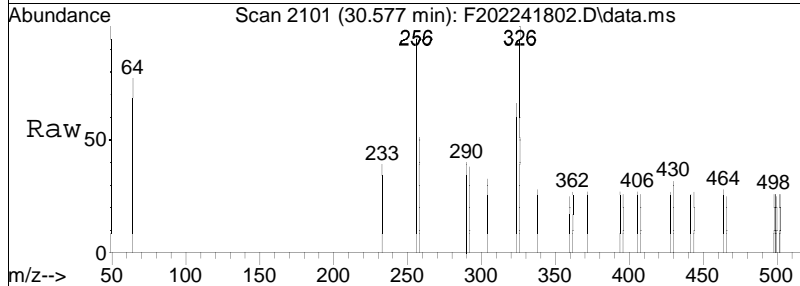
Tgt Ion: 326 Resp: 679
 Ion Ratio Lower Upper
 326 100
 324 53.0 48.6 73.0

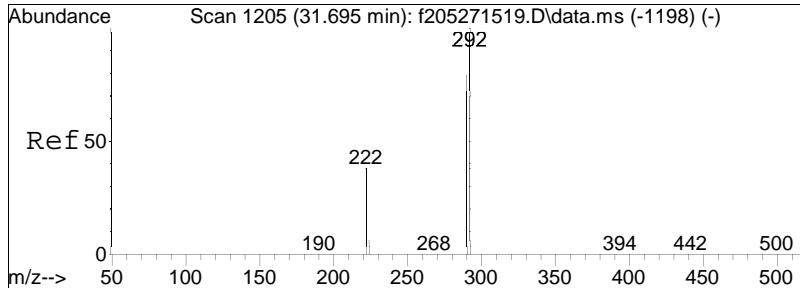




#73
 C15-BZ#94
 Concen: 0.30 ng/mL
 RT: 30.577 min Scan# 2101
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

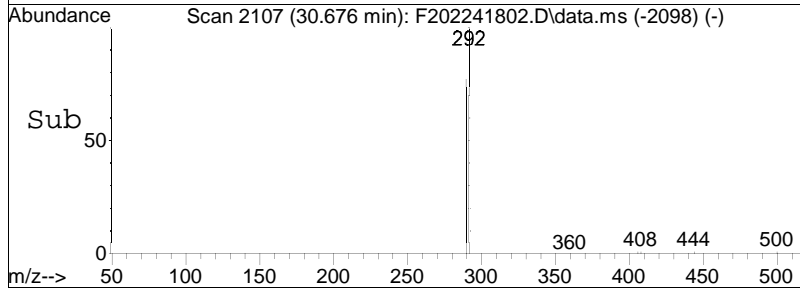
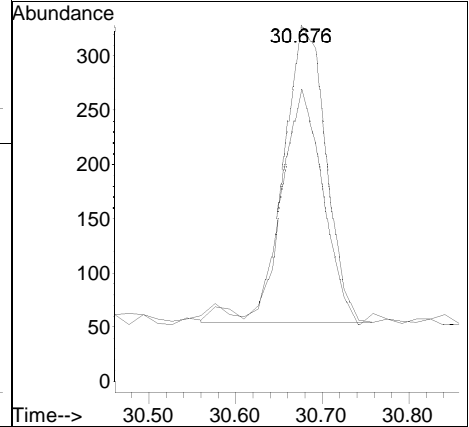
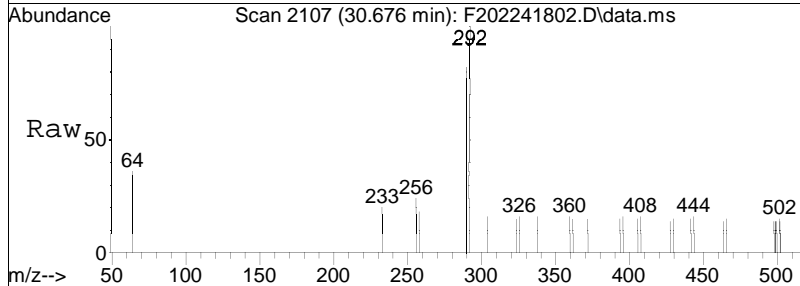
Tgt Ion: 326 Resp: 426
 Ion Ratio Lower Upper
 326 100
 324 71.4 49.7 74.5

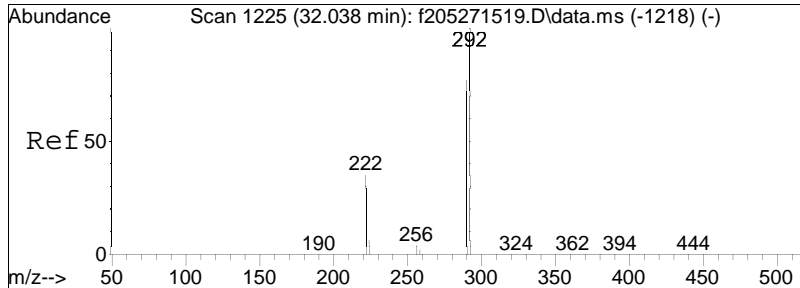




#74
 C14-BZ#57
 Concen: 0.33 ng/mL
 RT: 30.676 min Scan# 2107
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

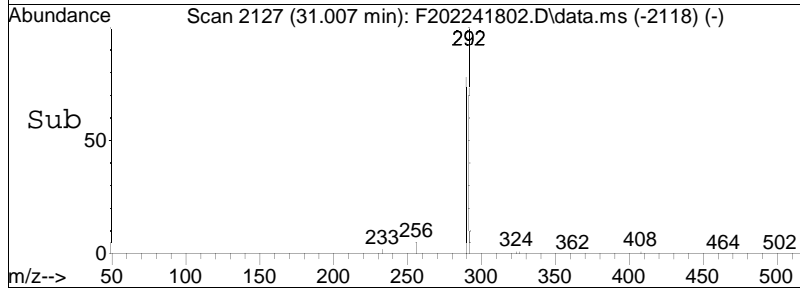
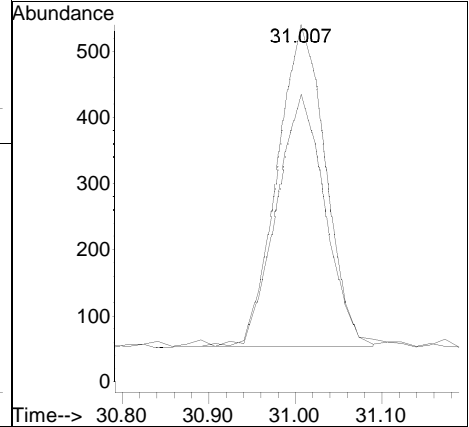
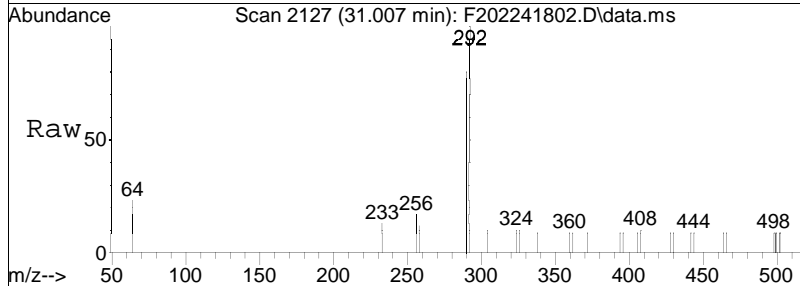
Tgt Ion	Resp	Lower	Upper
292	100		
290	77.6	63.9	95.9

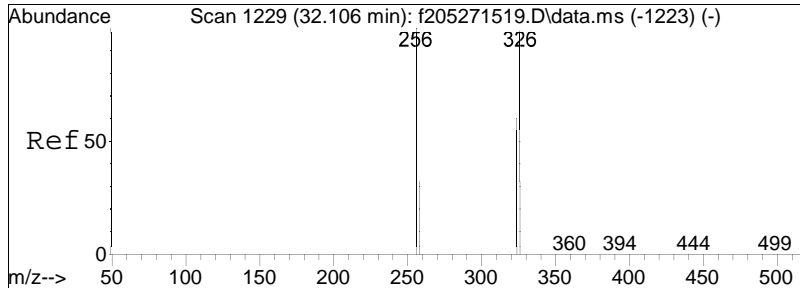




#75
 C14-BZ#67/#58
 Concen: 0.66 ng/mL
 RT: 31.007 min Scan# 2127
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

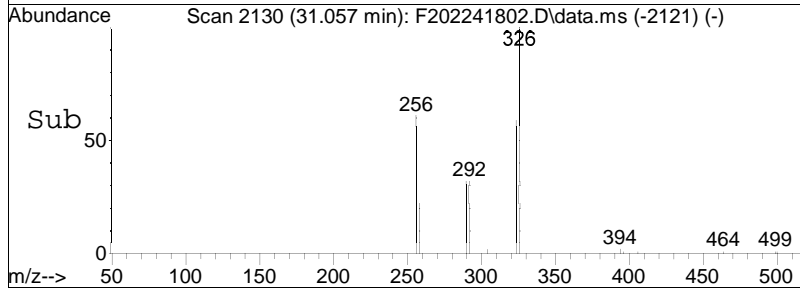
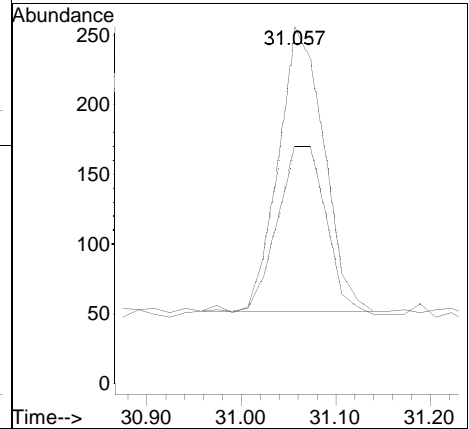
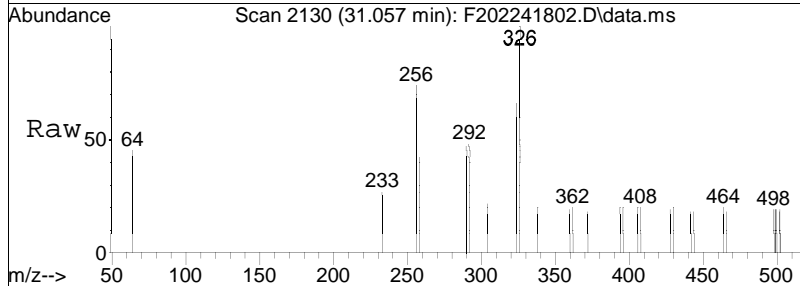
Tgt Ion	Resp	Lower	Upper
292	100		
290	79.4	62.3	93.5

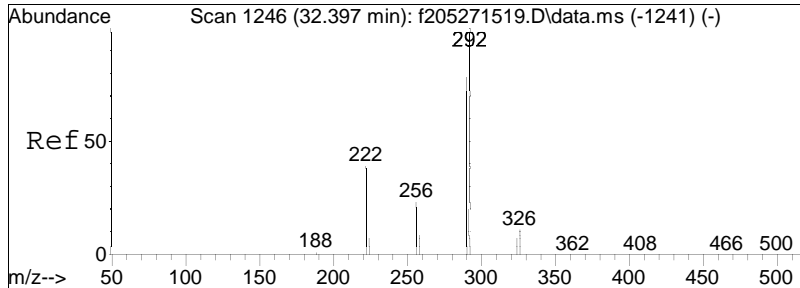




#76
 C15-BZ#102
 Concen: 0.33 ng/mL
 RT: 31.057 min Scan# 2130
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

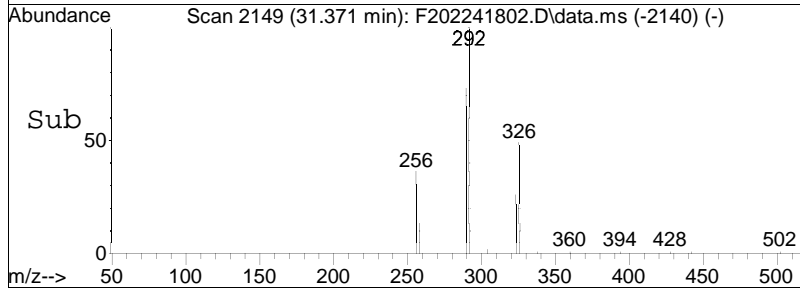
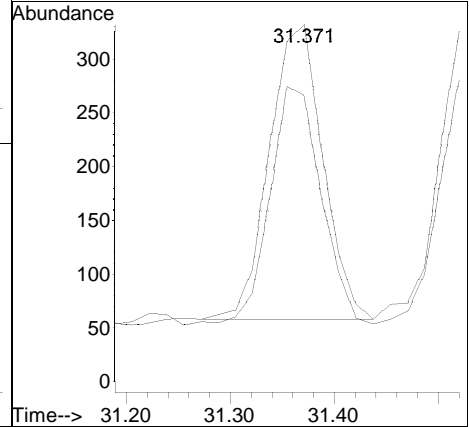
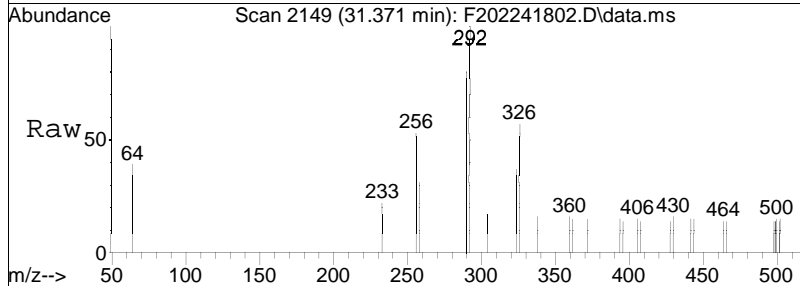
Tgt Ion: 326 Resp: 677
 Ion Ratio Lower Upper
 326 100
 324 64.3 49.8 74.8

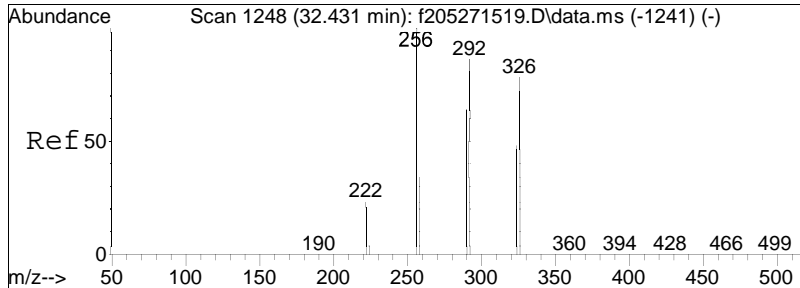




#77
 C14-BZ#61
 Concen: 0.36 ng/mL
 RT: 31.371 min Scan# 2149
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

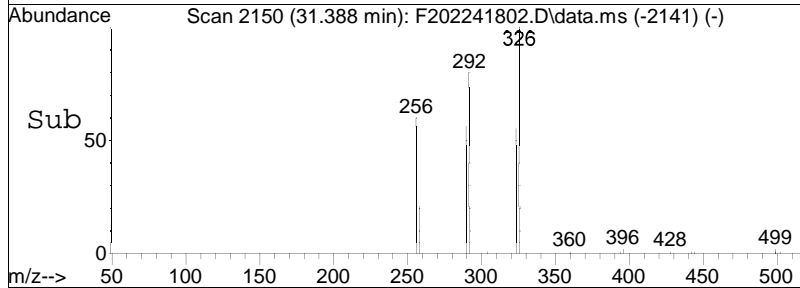
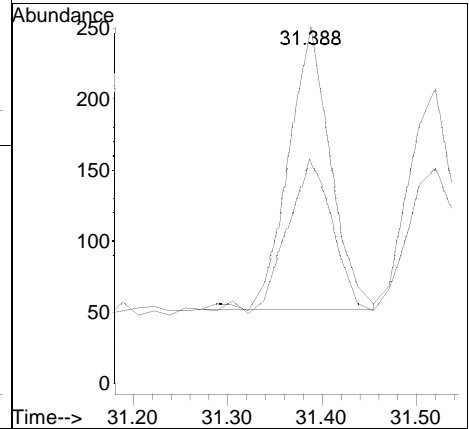
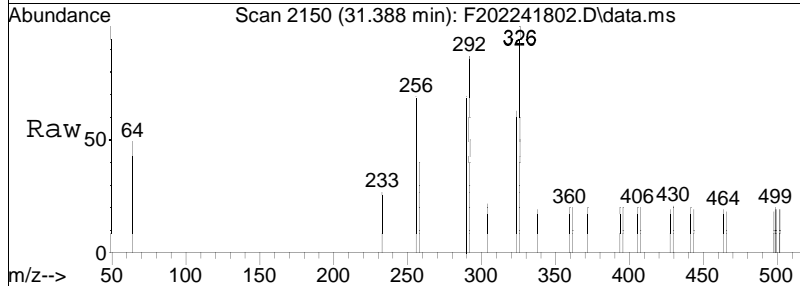
Tgt Ion: 292 Resp: 979
 Ion Ratio Lower Upper
 292 100
 290 76.5 61.5 92.3

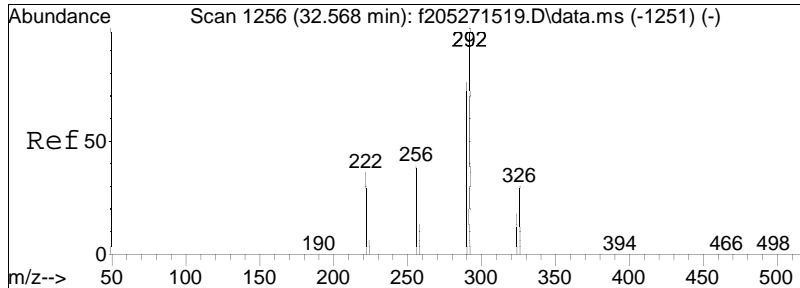




#78
 C15-BZ#98
 Concen: 0.33 ng/mL
 RT: 31.388 min Scan# 2150
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

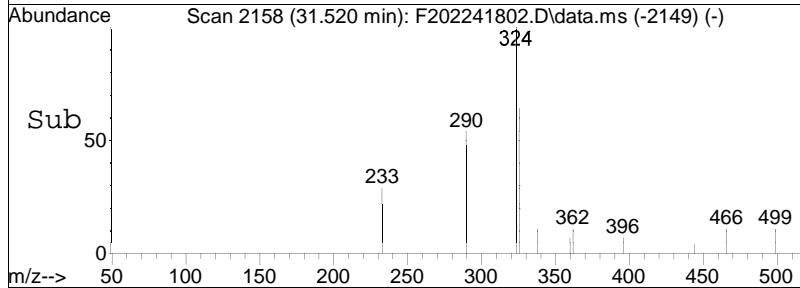
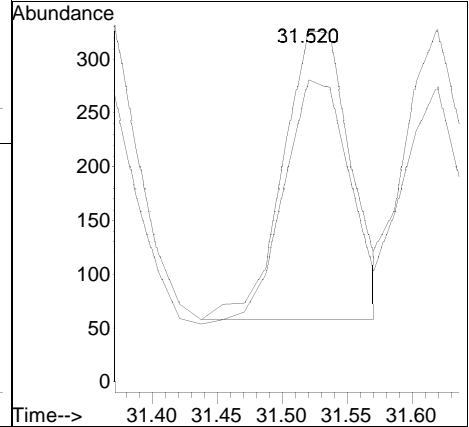
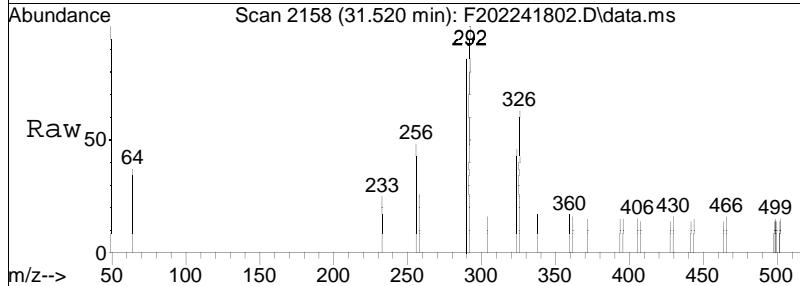
Tgt Ion: 326 Resp: 615
 Ion Ratio Lower Upper
 326 100
 324 57.2 50.2 75.2

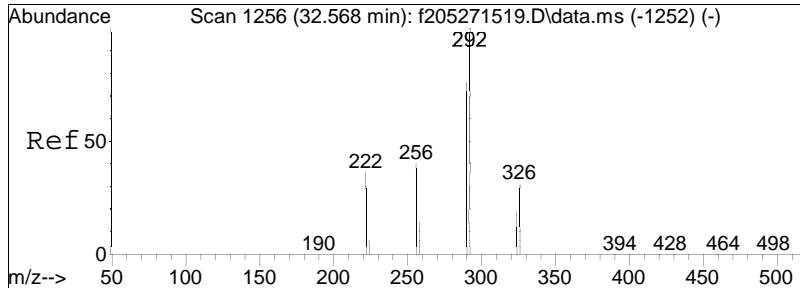




#79
 C14-BZ#76
 Concen: 0.32 ng/mL
 RT: 31.520 min Scan# 2158
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

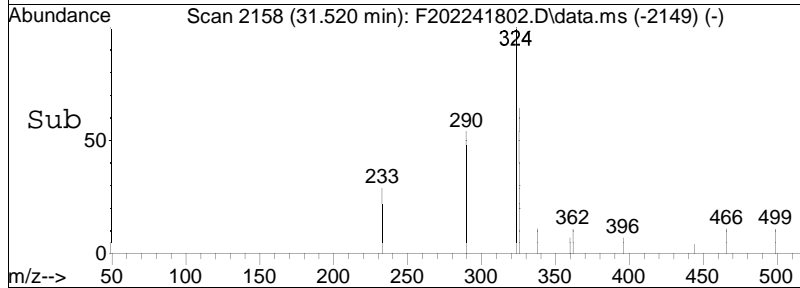
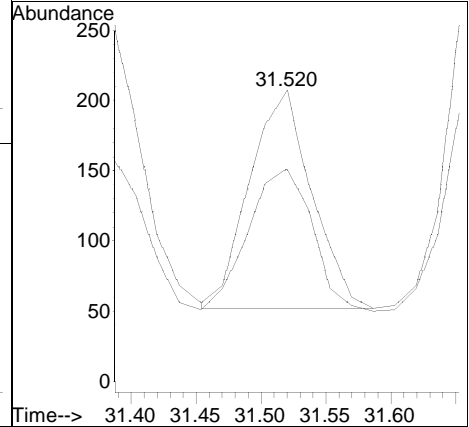
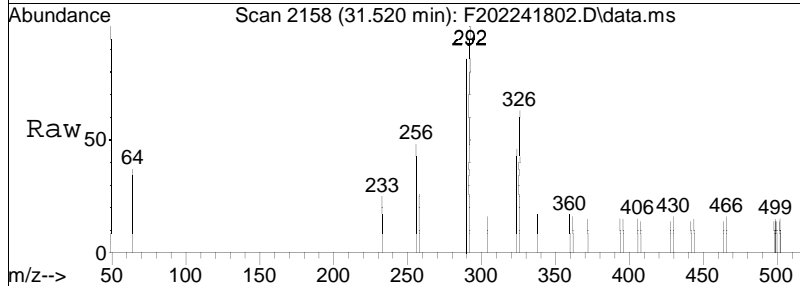
Tgt Ion:	292	Resp:	976
Ion Ratio	Lower	Upper	
292	100		
290	83.9	62.2	93.2

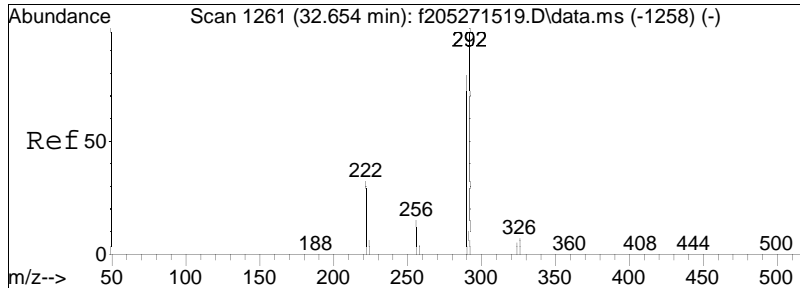




#80
 C15-BZ#93
 Concen: 0.34 ng/mL
 RT: 31.520 min Scan# 2158
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

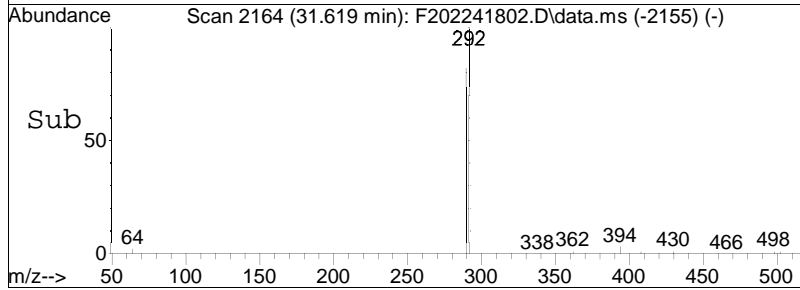
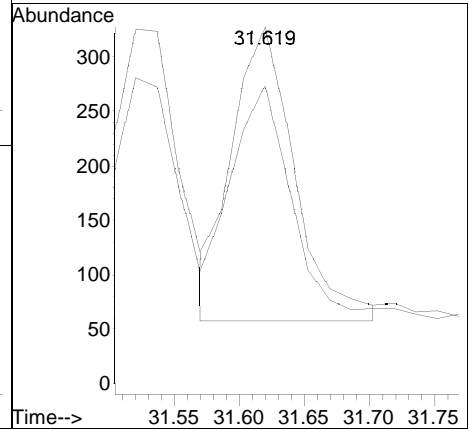
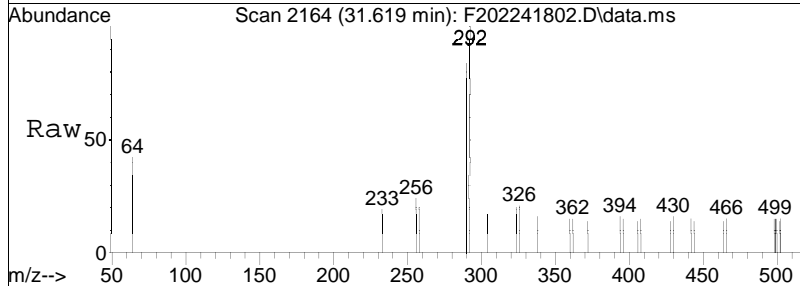
Tgt Ion: 326 Resp: 515
 Ion Ratio Lower Upper
 326 100
 324 67.4 49.8 74.6

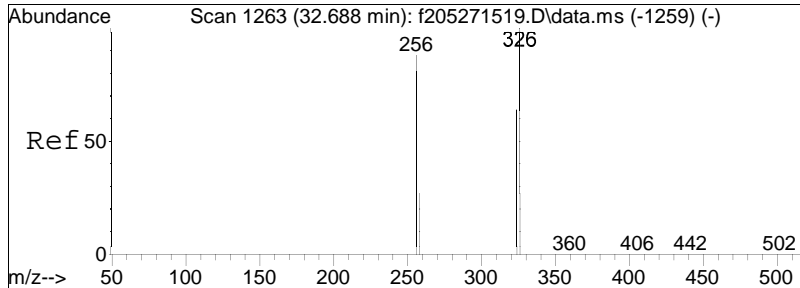




#81
 C14-BZ#63
 Concen: 0.34 ng/mL M4
 RT: 31.619 min Scan# 2164
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

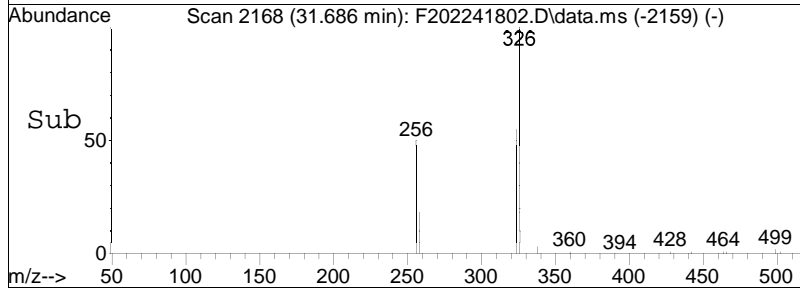
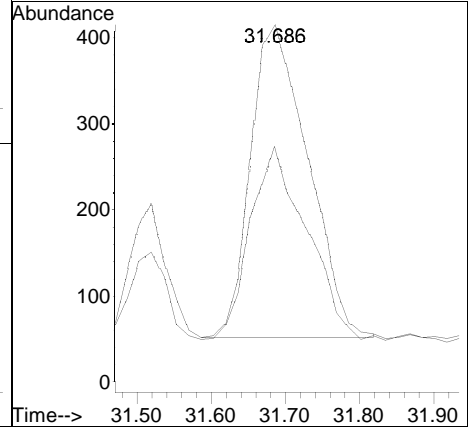
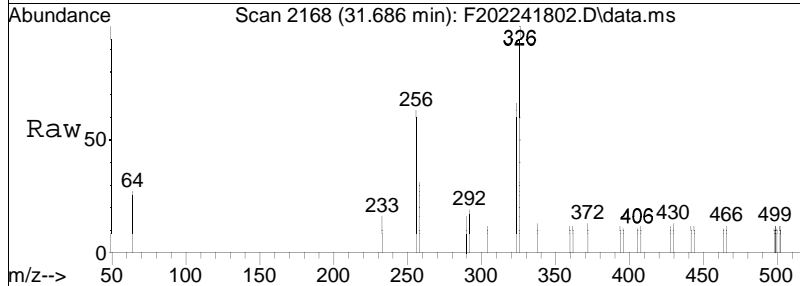
Tgt Ion: 292 Resp: 899
 Ion Ratio Lower Upper
 292 100
 290 83.5 61.7 92.5

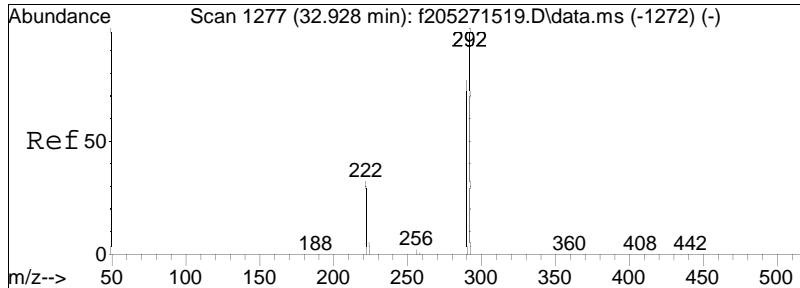




#82
 C15-BZ#121/#95/#88
 Concen: 0.98 ng/mL
 RT: 31.686 min Scan# 2168
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

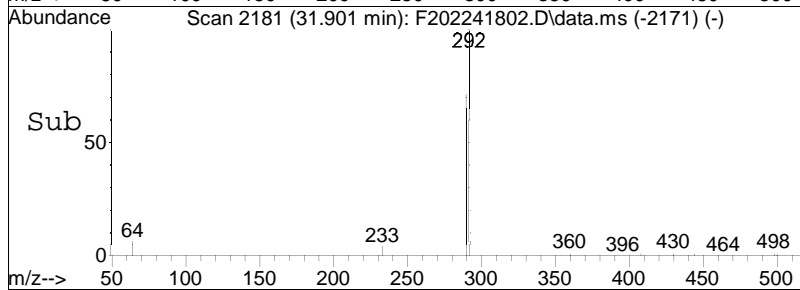
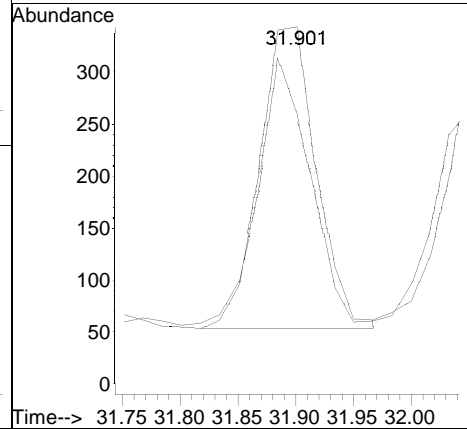
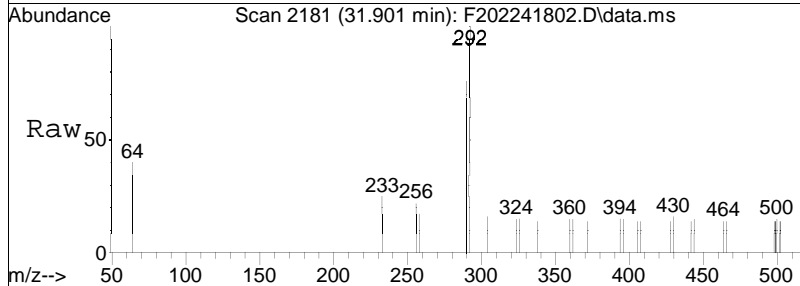
Tgt Ion: 326 Resp: 1944
 Ion Ratio Lower Upper
 326 100
 324 60.3 49.4 74.2

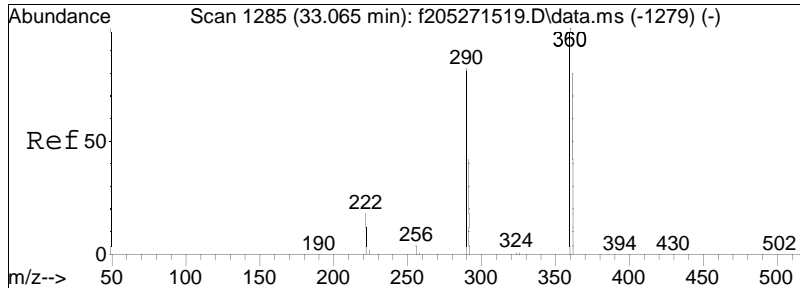




#83
 C14-BZ#74
 Concen: 0.35 ng/mL
 RT: 31.901 min Scan# 2181
 Delta R.T. 0.017 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

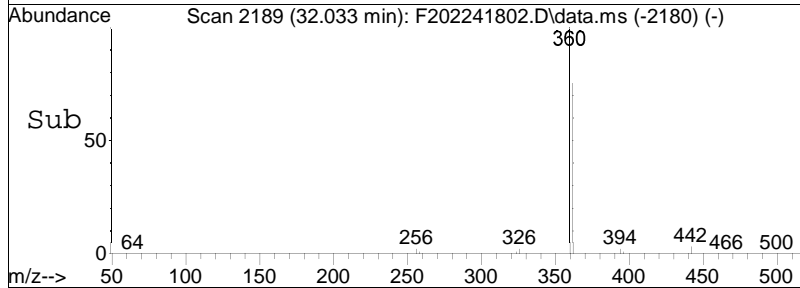
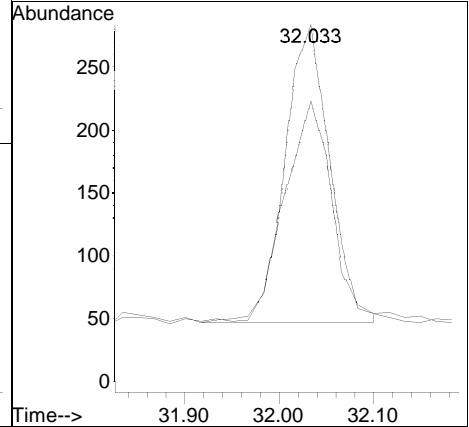
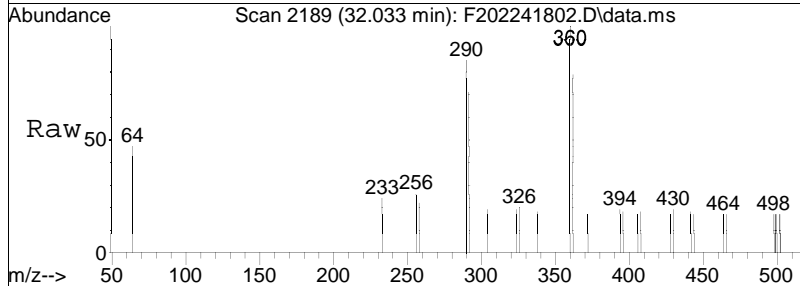
Tgt Ion: 292 Resp: 1004
 Ion Ratio Lower Upper
 292 100
 290 75.9 63.6 95.4

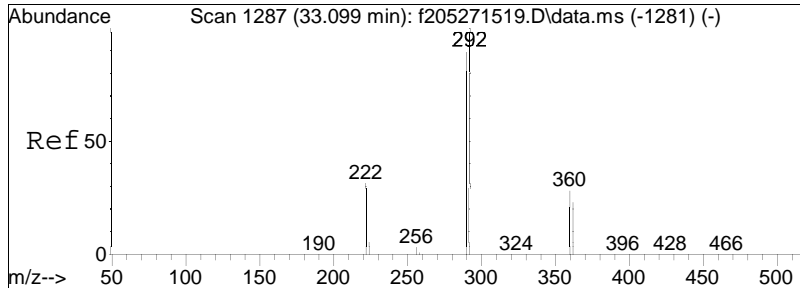




#84
 Cl6-BZ#155-RTW
 Concen: 0.35 ng/mL
 RT: 32.033 min Scan# 2189
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

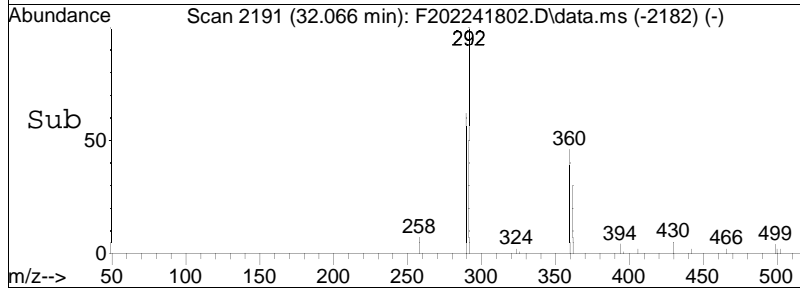
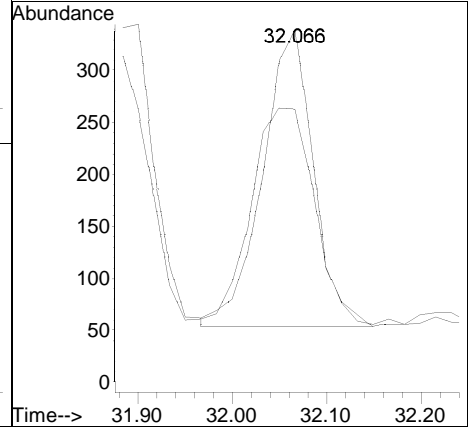
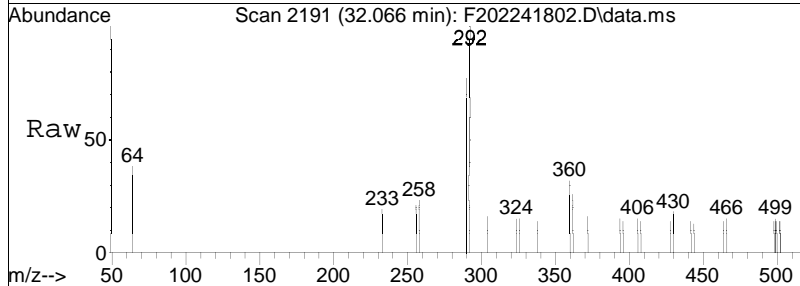
Tgt Ion: 360 Resp: 778
 Ion Ratio Lower Upper
 360 100
 362 77.2 63.7 95.5

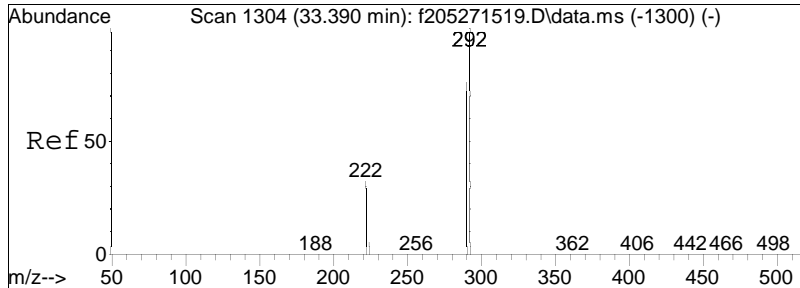




#85
 C14-BZ#70
 Concen: 0.32 ng/mL
 RT: 32.066 min Scan# 2191
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

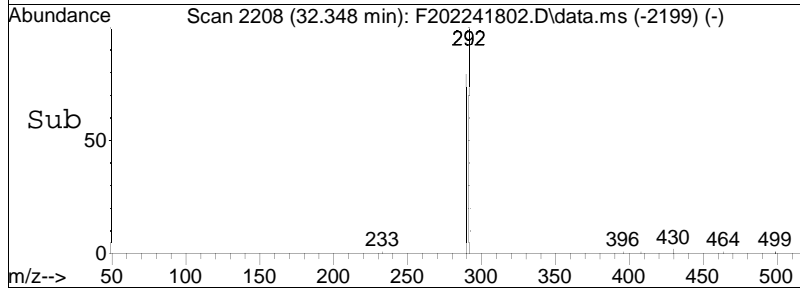
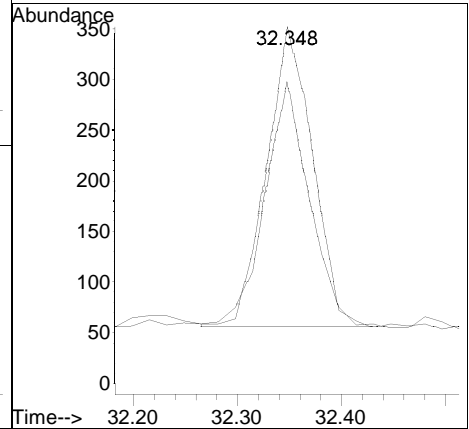
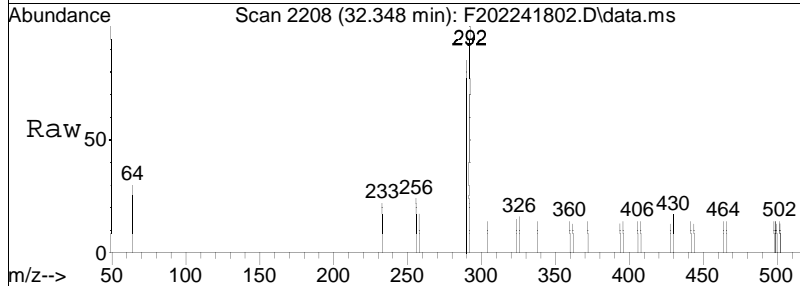
Tgt Ion: 292 Resp: 1075
 Ion Ratio Lower Upper
 292 100
 290 77.3 66.7 100.1

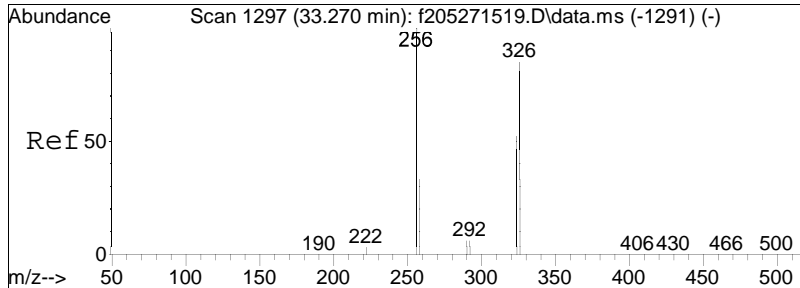




#86
 C14-BZ#66
 Concen: 0.34 ng/mL
 RT: 32.348 min Scan# 2208
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

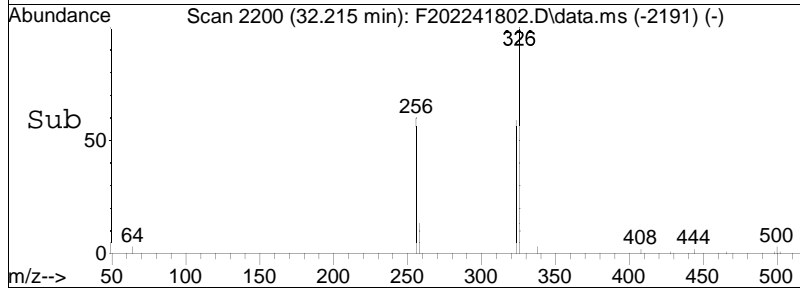
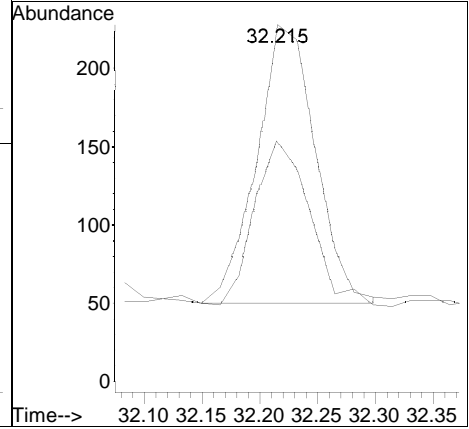
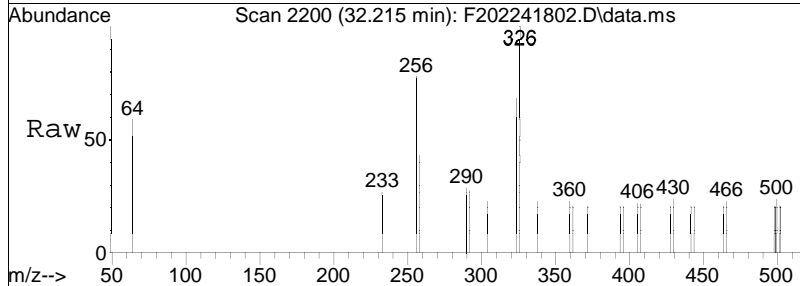
Tgt Ion:	292	Resp:	917
Ion Ratio	Lower	Upper	
292	100		
290	84.7	62.3	93.5

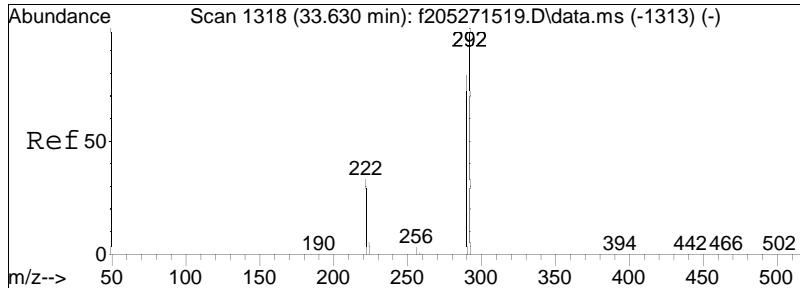




#87
 C15-BZ#91
 Concen: 0.36 ng/mL
 RT: 32.215 min Scan# 2200
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

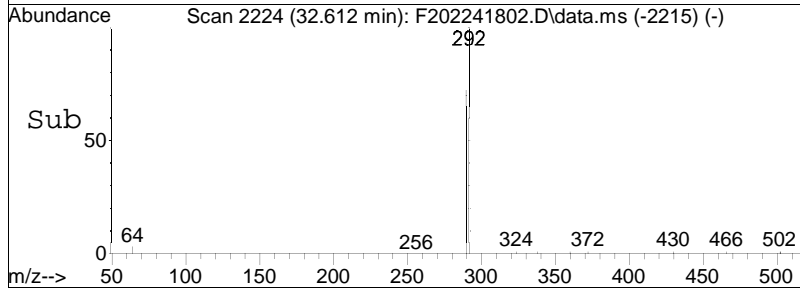
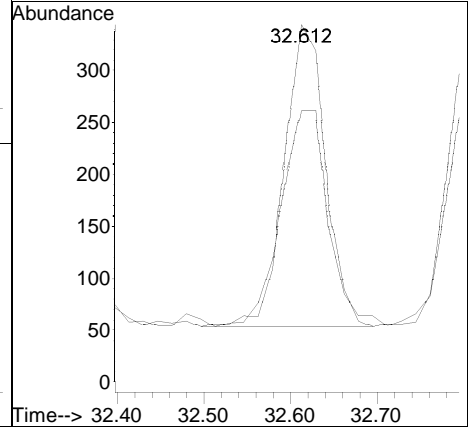
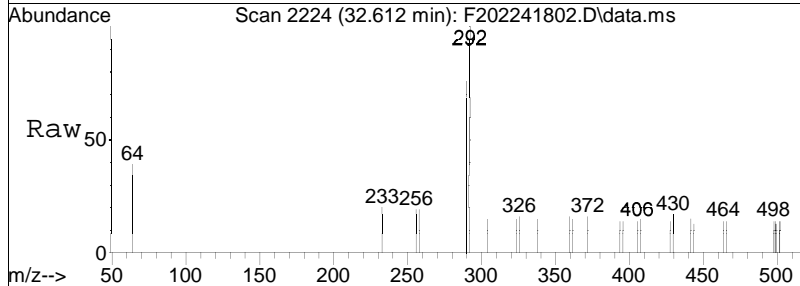
Tgt Ion:	326	Resp:	629
Ion Ratio	Lower	Upper	
326	100		
324	67.5	50.0	75.0

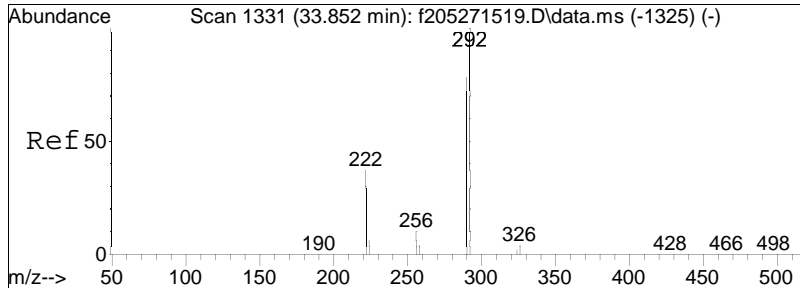




#88
 C14-BZ#80
 Concen: 0.36 ng/mL
 RT: 32.612 min Scan# 2224
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

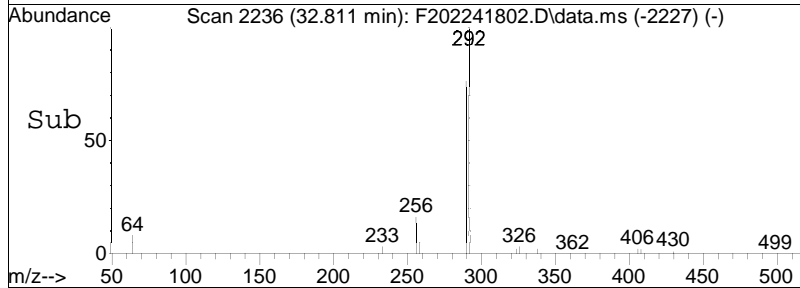
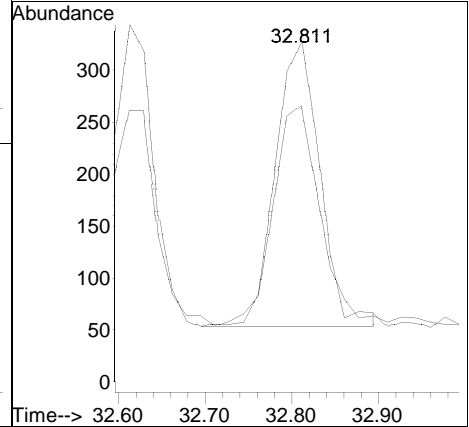
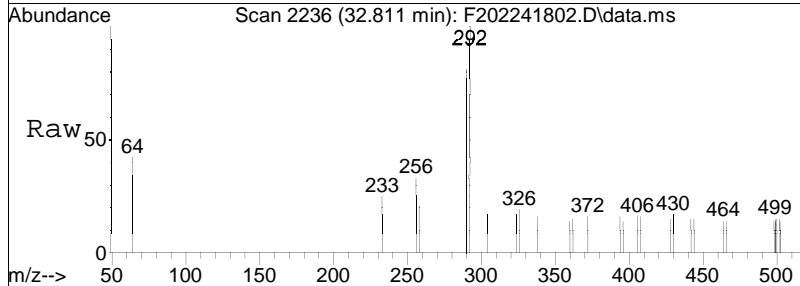
Tgt Ion: 292 Resp: 966
 Ion Ratio Lower Upper
 292 100
 290 81.4 63.5 95.3

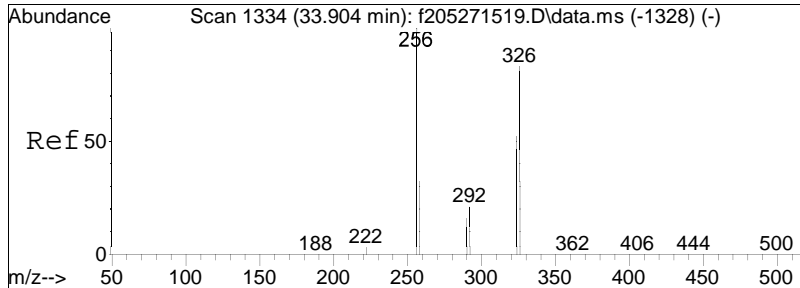




#89
 C14-BZ#55
 Concen: 0.36 ng/mL
 RT: 32.811 min Scan# 2236
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

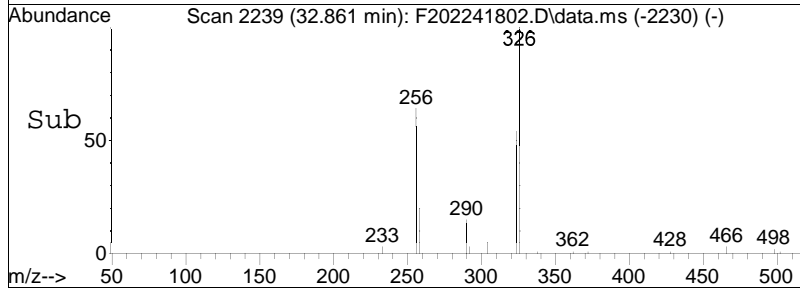
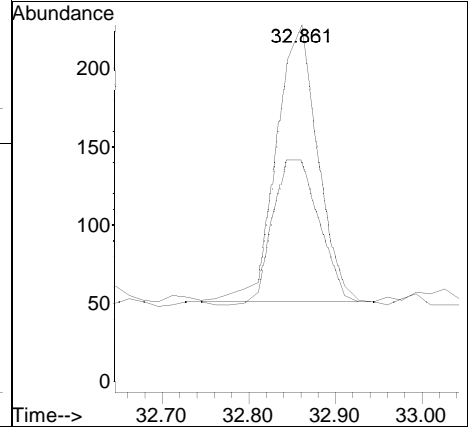
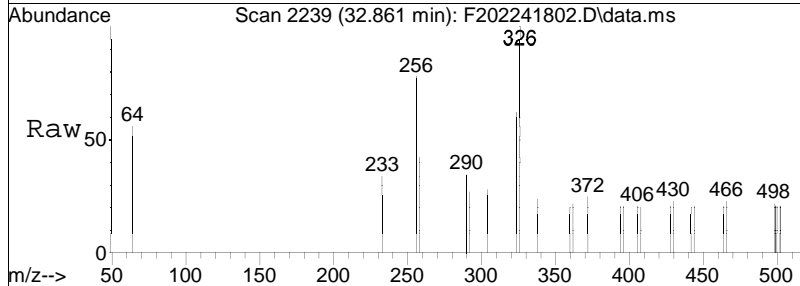
Tgt Ion:	292	Resp:	988
Ion Ratio	Lower	Upper	
292	100		
290	80.2	61.8	92.6

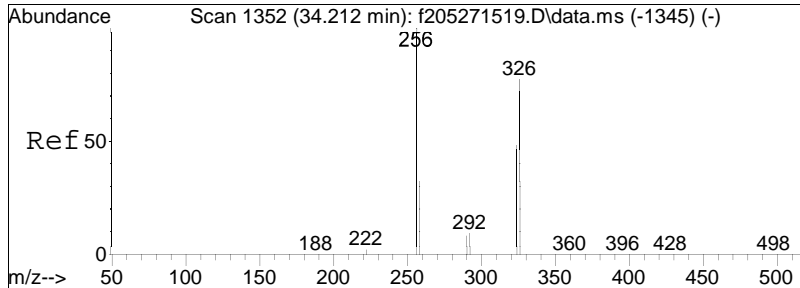




#90
 C15-BZ#92
 Concen: 0.35 ng/mL
 RT: 32.861 min Scan# 2239
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

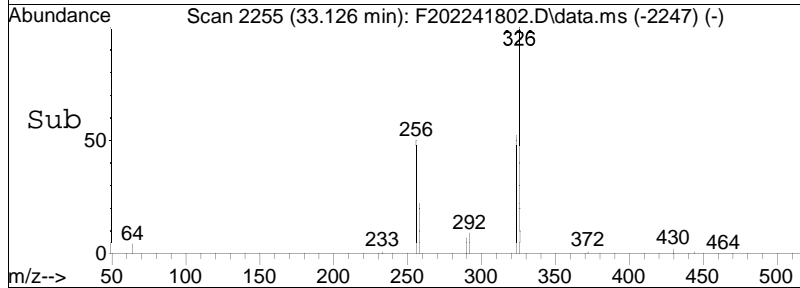
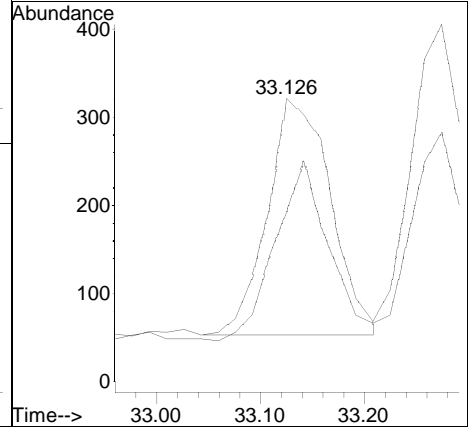
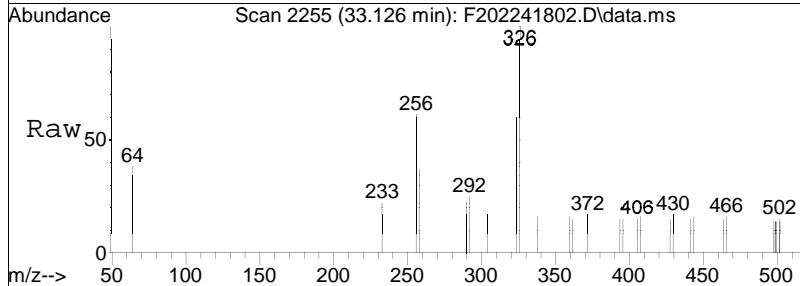
Tgt Ion: 326 Resp: 587
 Ion Ratio Lower Upper
 326 100
 324 62.3 49.1 73.7

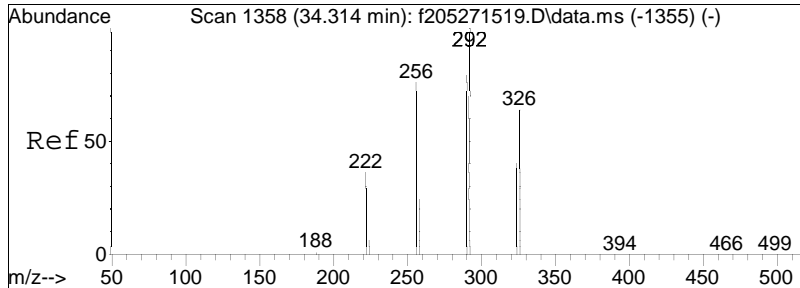




#91
 C15-BZ#89/#84
 Concen: 0.64 ng/mL
 RT: 33.126 min Scan# 2255
 Delta R.T. -0.016 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

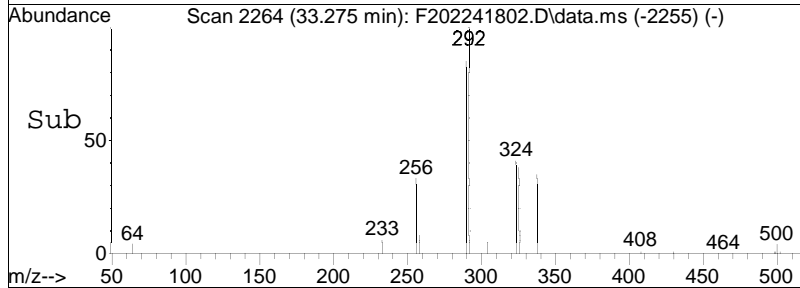
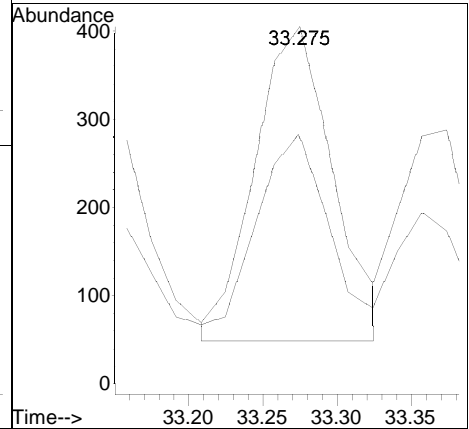
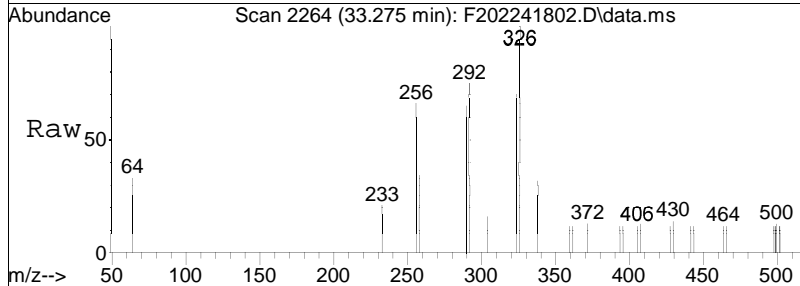
Tgt Ion: 326 Resp: 1129
 Ion Ratio Lower Upper
 326 100
 324 59.8 47.8 71.8

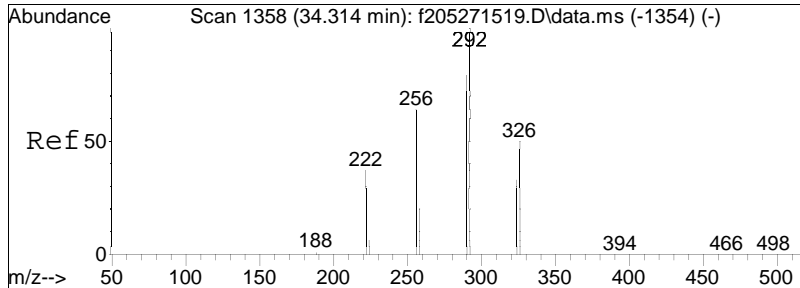




#92
 C15-BZ#101/#90
 Concen: 0.72 ng/mL M4
 RT: 33.275 min Scan# 2264
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

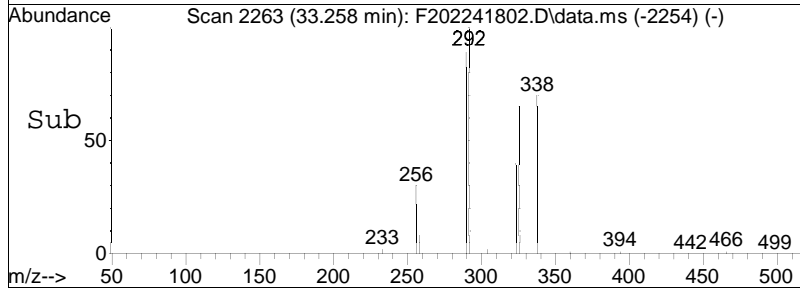
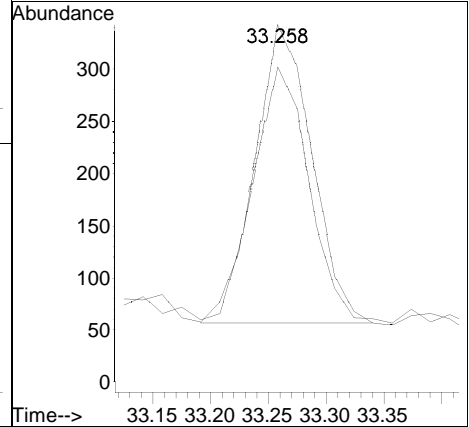
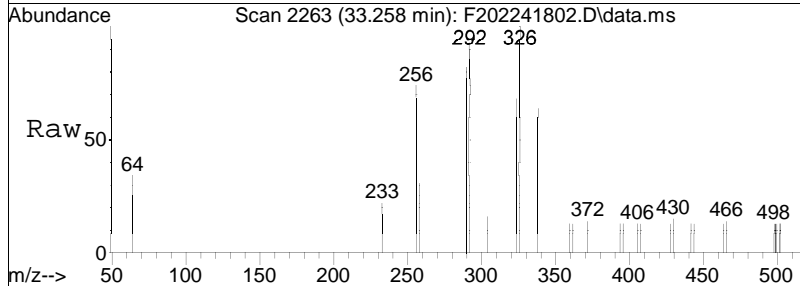
Tgt Ion: 326 Resp: 1304
 Ion Ratio Lower Upper
 326 100
 324 52.7 48.9 73.3

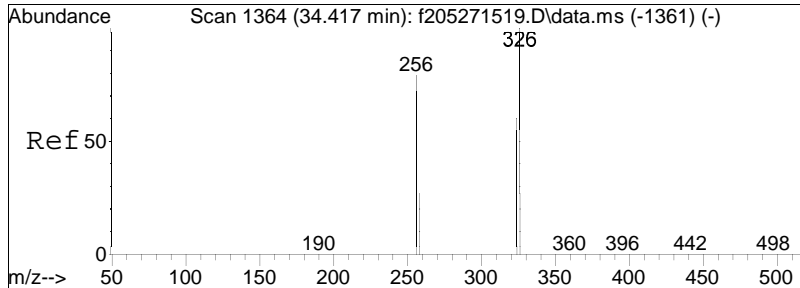




#94
 C14-BZ#56
 Concen: 0.34 ng/mL
 RT: 33.258 min Scan# 2263
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

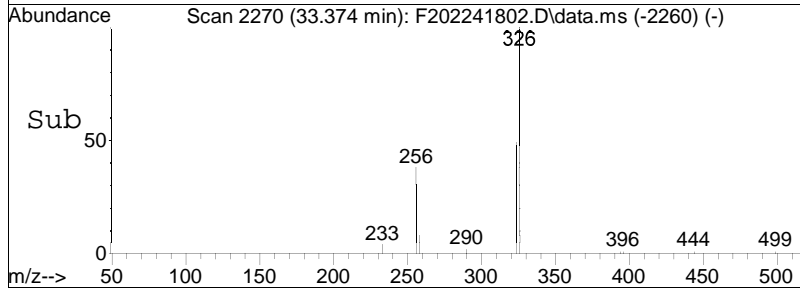
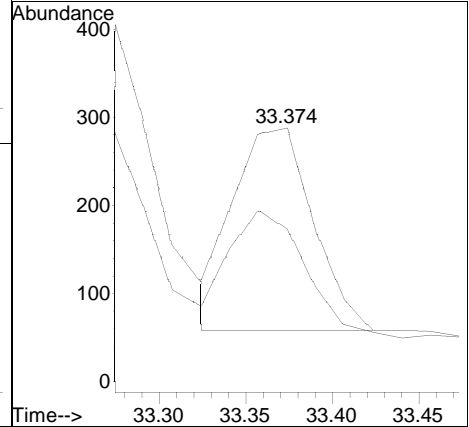
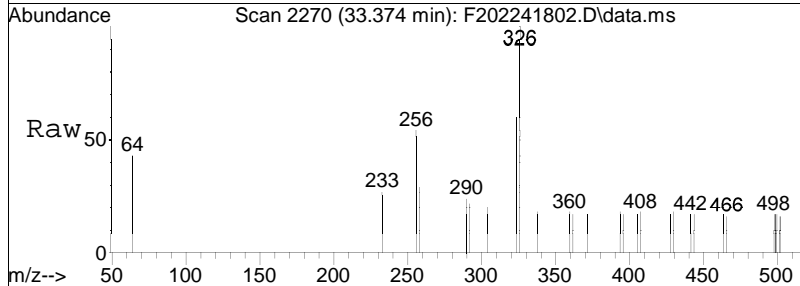
Tgt Ion: 292 Resp: 983
 Ion Ratio Lower Upper
 292 100
 290 81.0 63.5 95.3

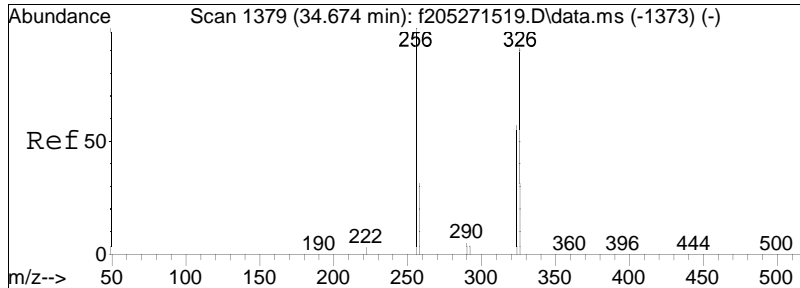




#95
 C15-BZ#113
 Concen: 0.33 ng/mL
 RT: 33.374 min Scan# 2270
 Delta R.T. 0.017 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

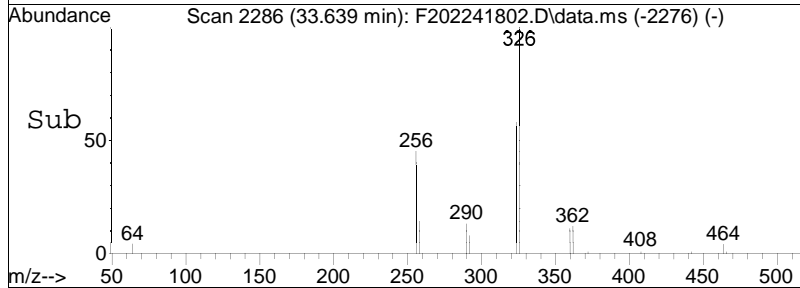
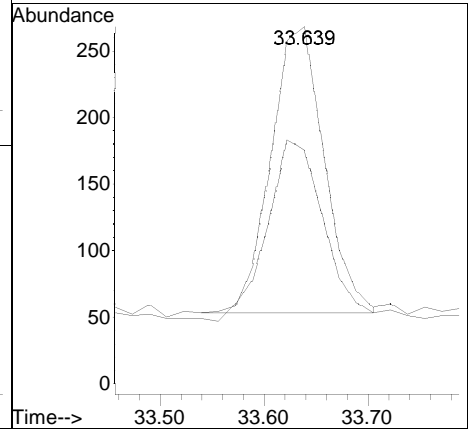
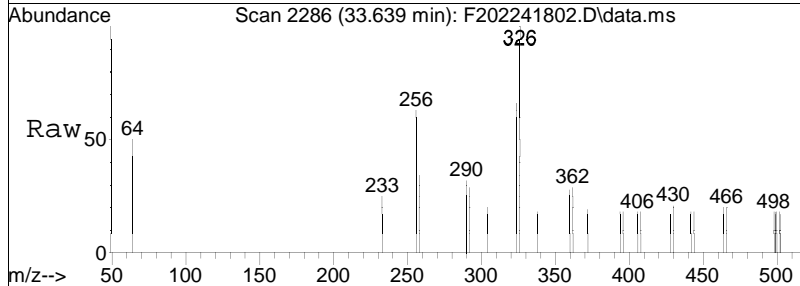
Tgt Ion:	326	Resp:	734
Ion Ratio	Lower	Upper	
326	100		
324	60.4	50.5	75.7

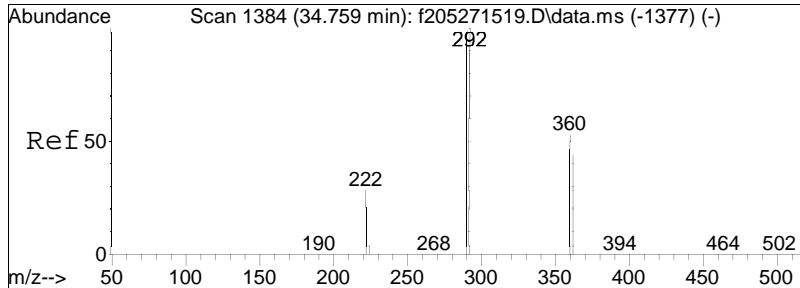




#96
 C15-BZ#99
 Concen: 0.37 ng/mL
 RT: 33.639 min Scan# 2286
 Delta R.T. 0.017 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

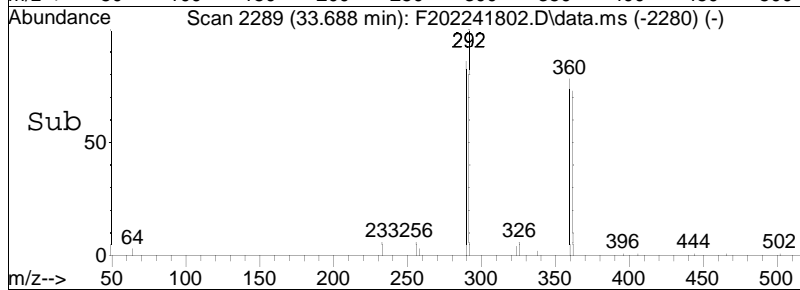
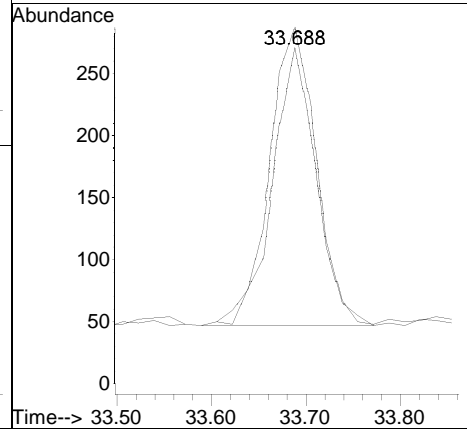
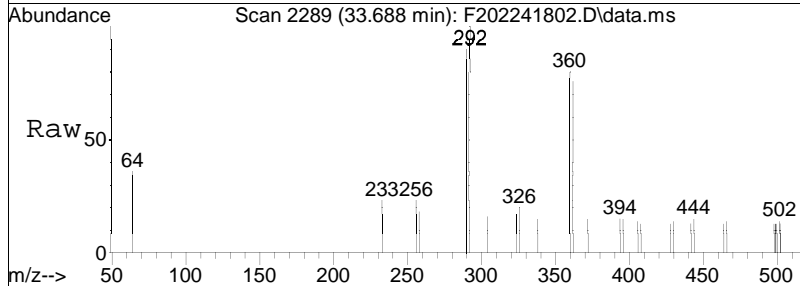
Tgt Ion: 326 Resp: 763
 Ion Ratio Lower Upper
 326 100
 324 65.0 50.5 75.7

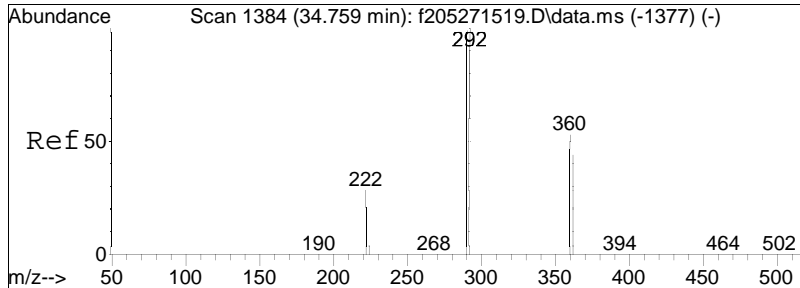




#97
 Cl6-BZ#150
 Concen: 0.36 ng/mL
 RT: 33.688 min Scan# 2289
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

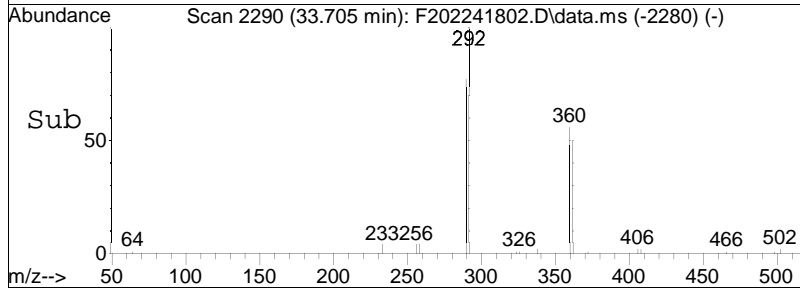
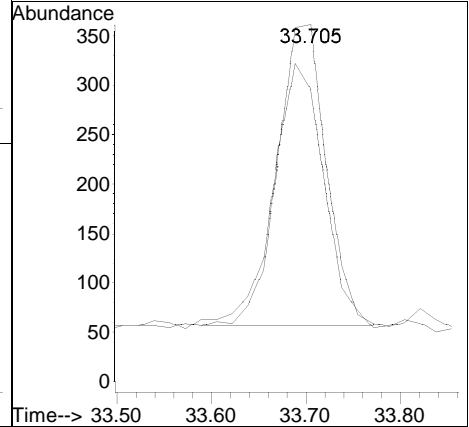
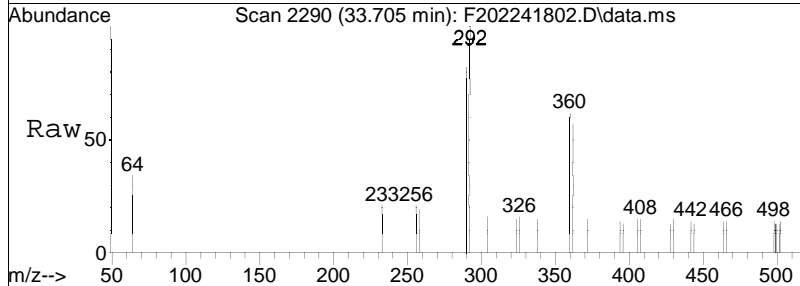
Tgt Ion:	360	Resp:	831
Ion Ratio	Lower	Upper	
360	100		
362	85.8	65.2	97.8

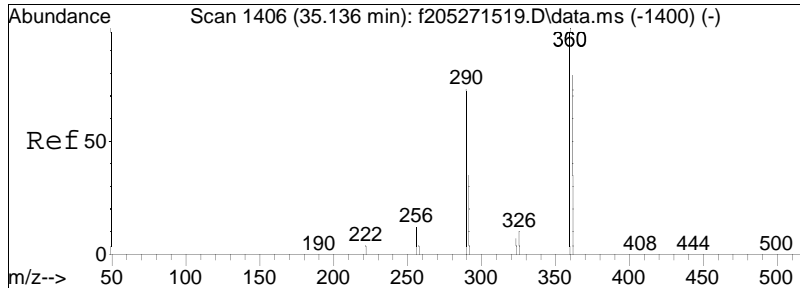




#98
 Cl4-BZ#60
 Concen: 0.34 ng/mL
 RT: 33.705 min Scan# 2290
 Delta R.T. 0.017 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

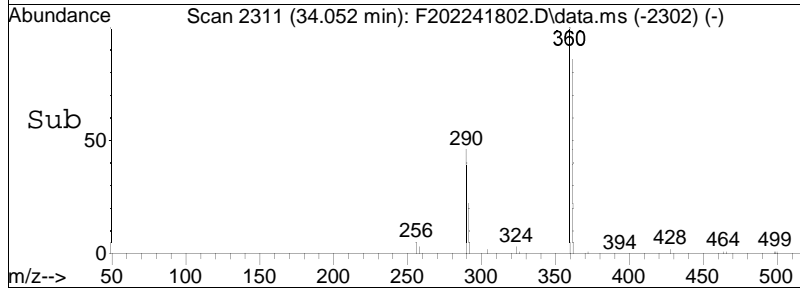
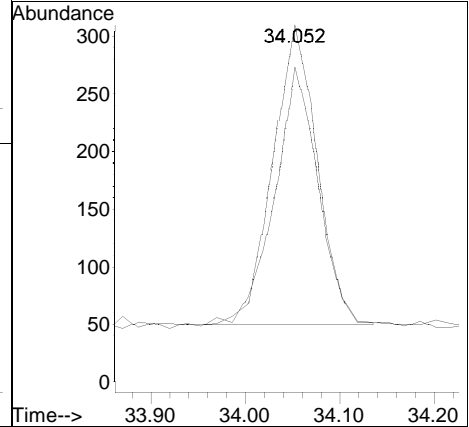
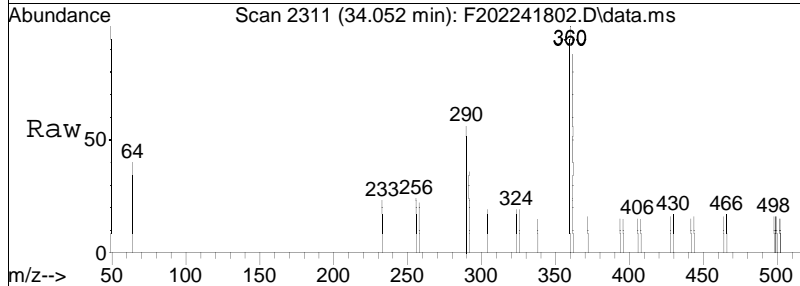
Tgt Ion:	292	Resp:	1097
Ion Ratio	Lower	Upper	
292	100		
290	93.5	79.1	118.7

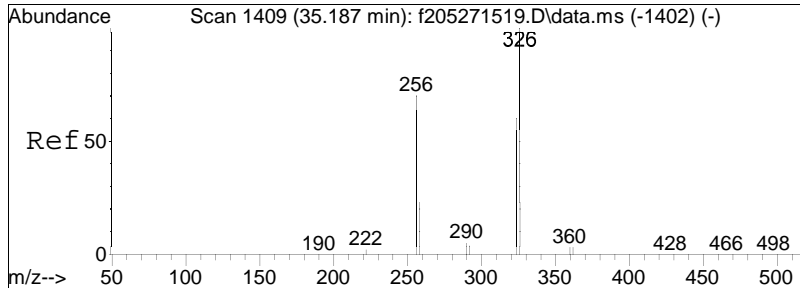




#99
 Cl6-BZ#152
 Concen: 0.33 ng/mL
 RT: 34.052 min Scan# 2311
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

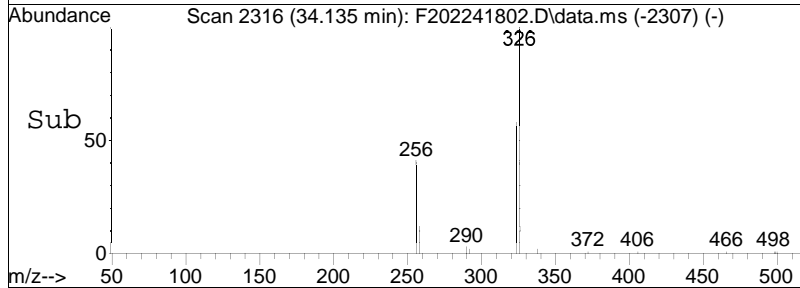
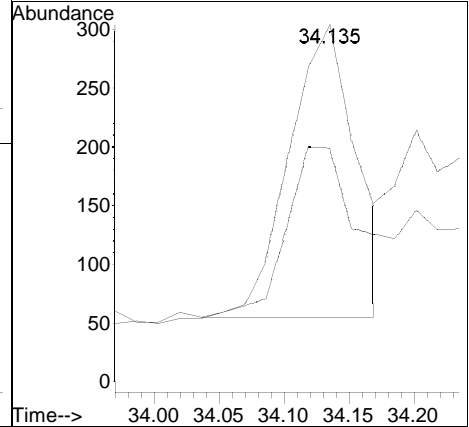
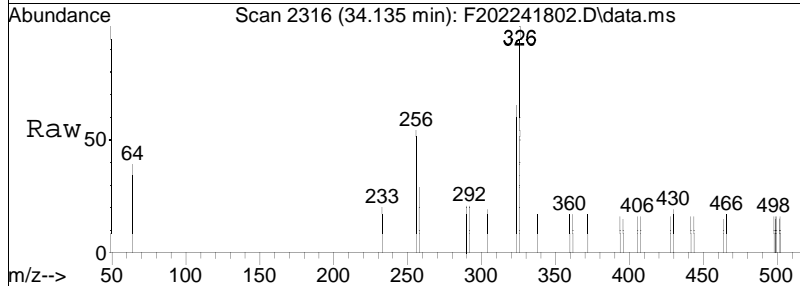
Tgt Ion	Resp	Lower	Upper
360	100		
362	86.5	64.2	96.4

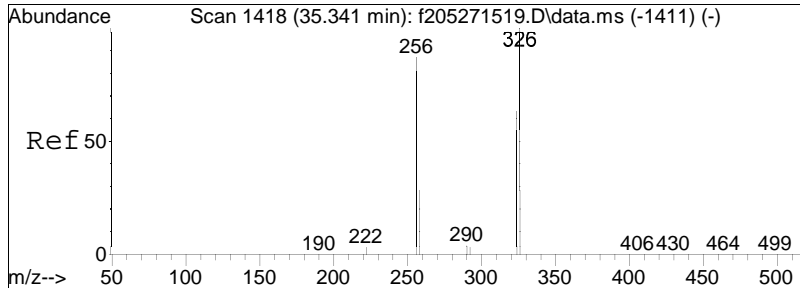




#100
 C15-BZ#119
 Concen: 0.35 ng/mL
 RT: 34.135 min Scan# 2316
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

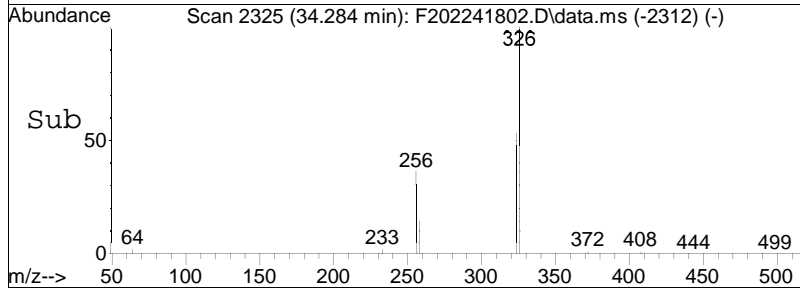
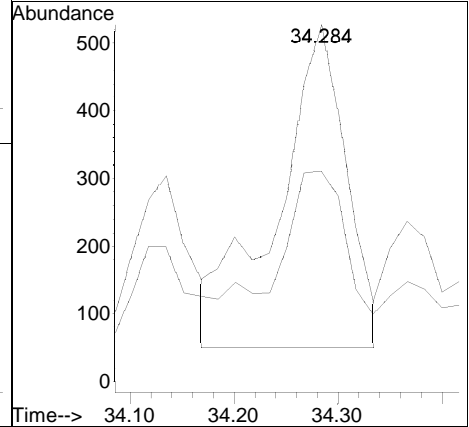
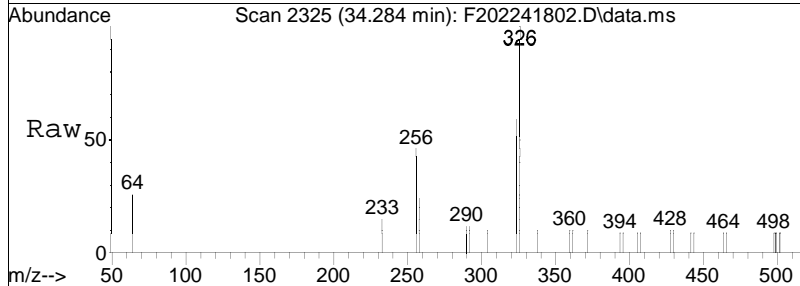
Tgt Ion:	326	Resp:	895
Ion Ratio	Lower	Upper	
326	100		
324	65.5	47.9	71.9

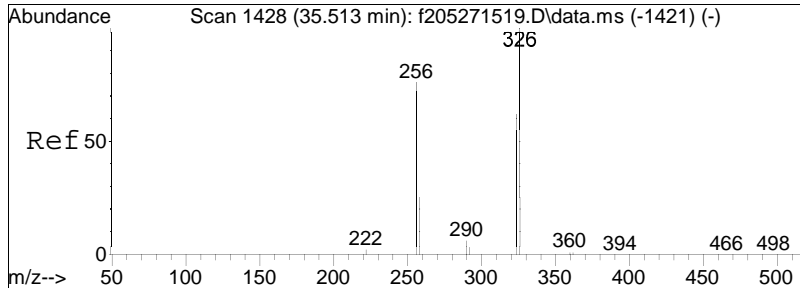




#101
 C15-BZ#83/#125/#112
 Concen: 1.06 ng/mL M4
 RT: 34.284 min Scan# 2325
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

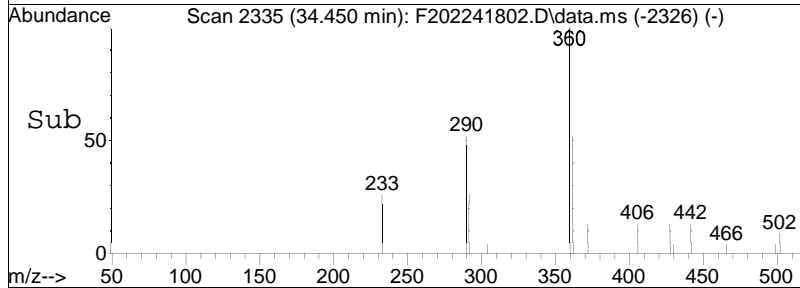
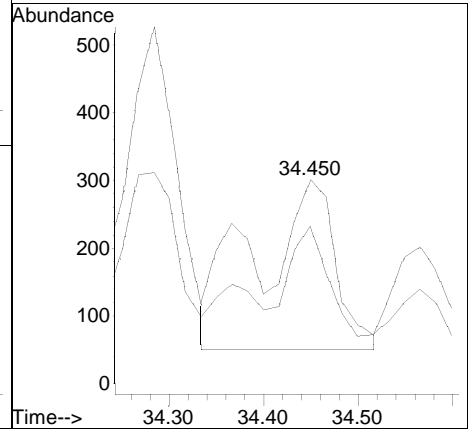
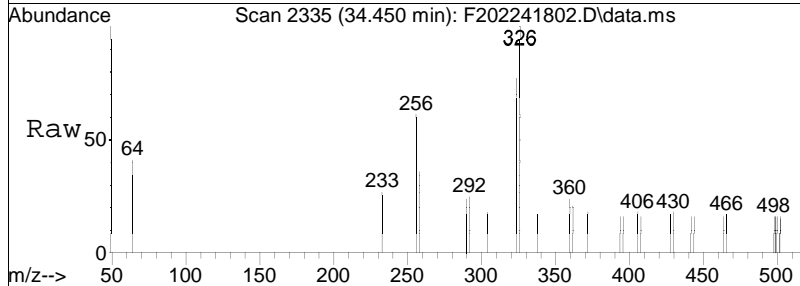
Tgt Ion	Resp	Lower	Upper
326	100		
324	34.2	49.5	74.3#

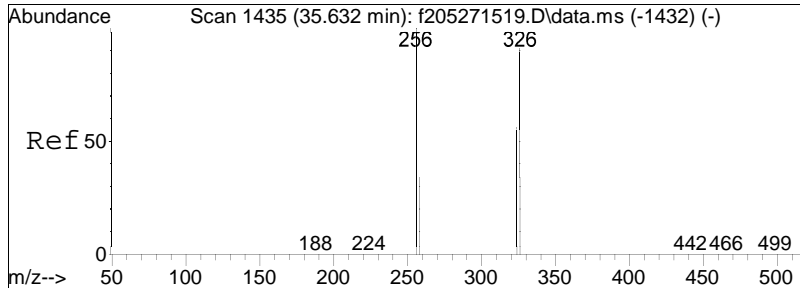




#102
 C15-BZ#86/#109
 Concen: 0.71 ng/mL M1
 RT: 34.450 min Scan# 2335
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

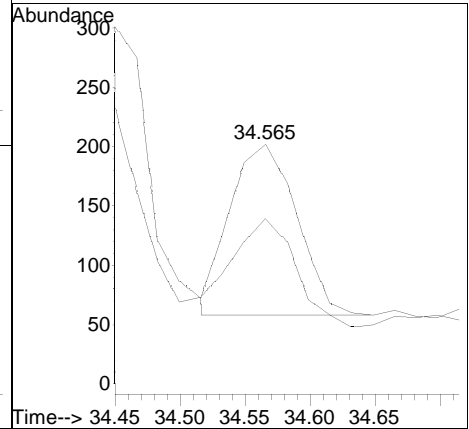
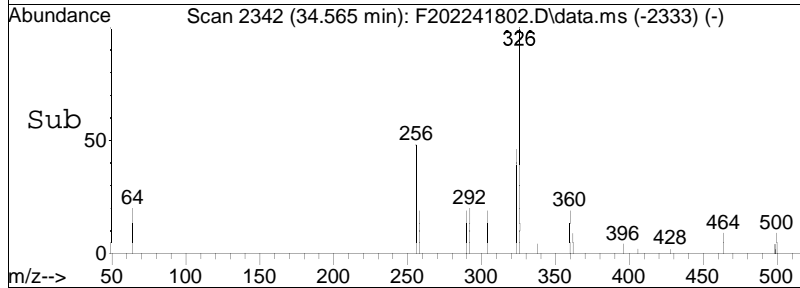
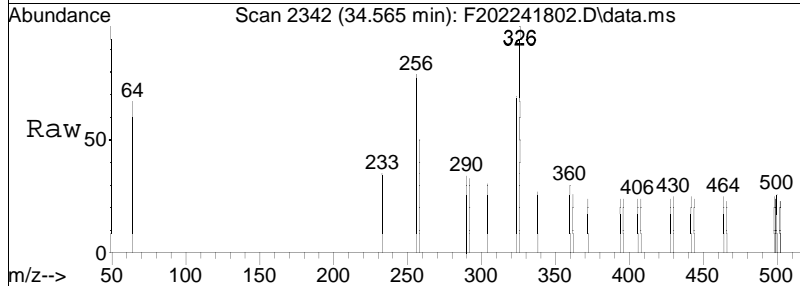
Tgt Ion: 326 Resp: 1466
 Ion Ratio Lower Upper
 326 100
 324 31.8 49.7 74.5#

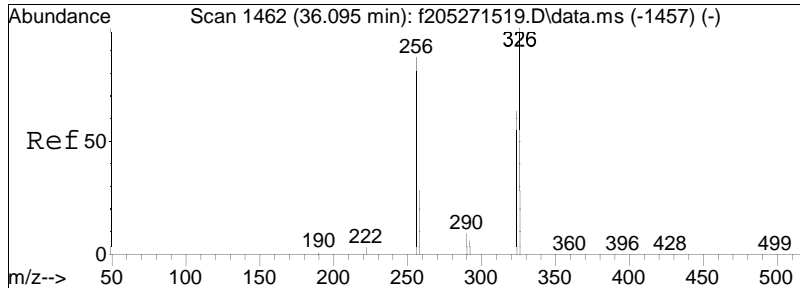




#103
 C15-BZ#97
 Concen: 0.32 ng/mL
 RT: 34.565 min Scan# 2342
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

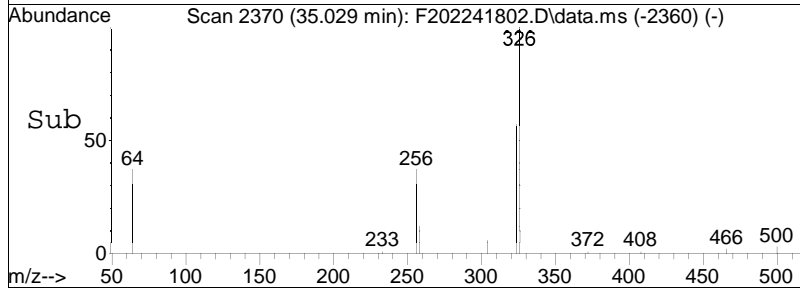
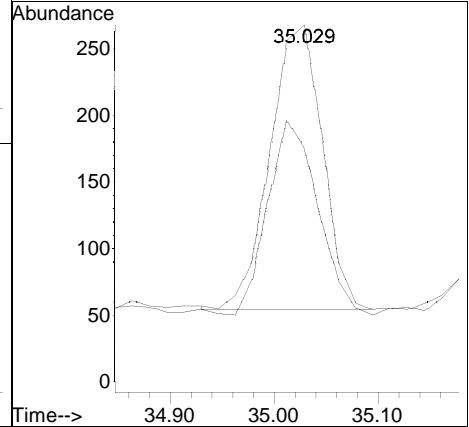
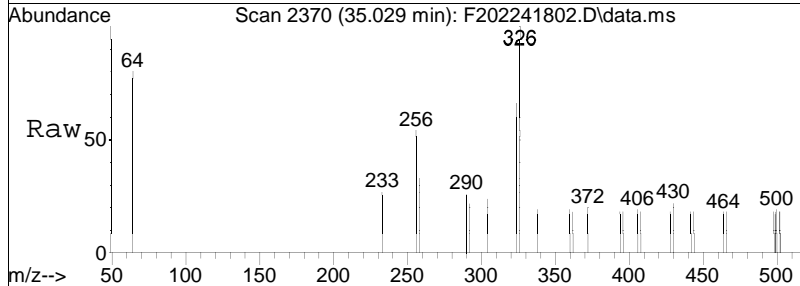
Tgt Ion: 326 Resp: 513
 Ion Ratio Lower Upper
 326 100
 324 65.5 51.2 76.8

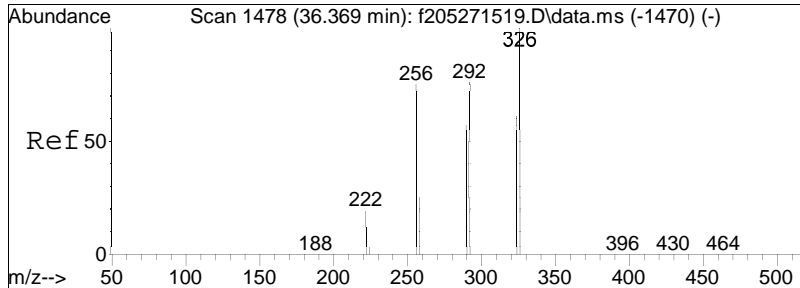




#104
 C15-BZ#116
 Concen: 0.35 ng/mL
 RT: 35.029 min Scan# 2370
 Delta R.T. 0.017 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

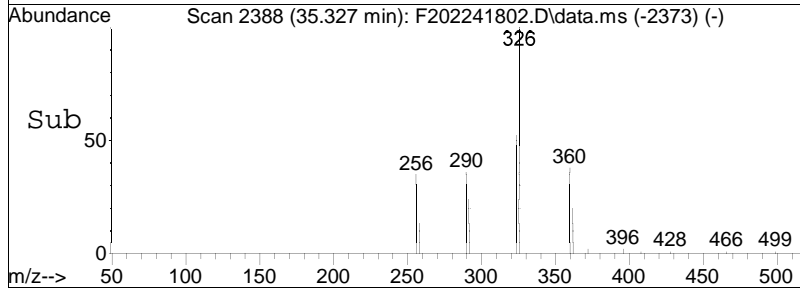
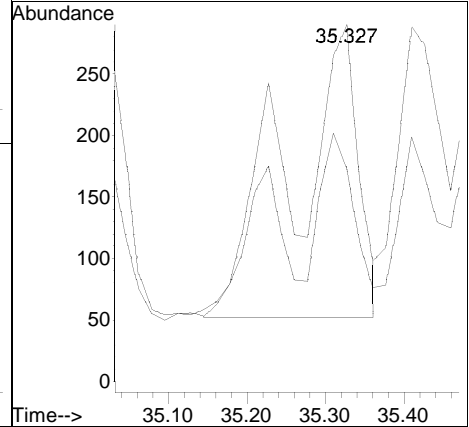
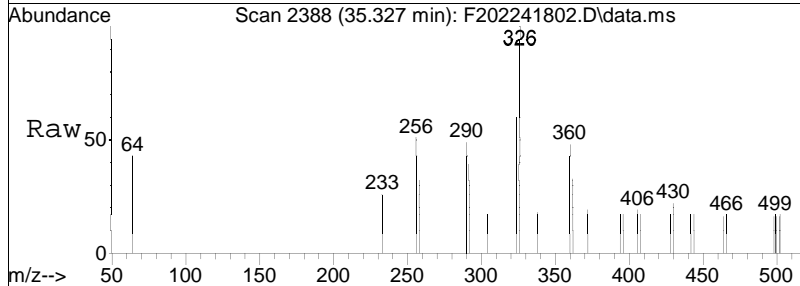
Tgt Ion: 326 Resp: 748
 Ion Ratio Lower Upper
 326 100
 324 65.2 49.0 73.6

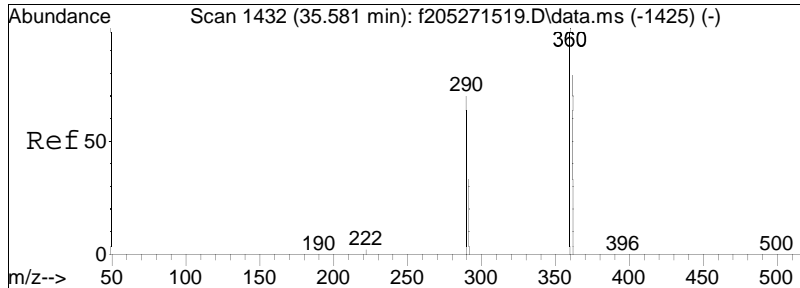




#105
 C15-BZ#87/#111
 Concen: 0.67 ng/mL M1
 RT: 35.327 min Scan# 2388
 Delta R.T. 0.017 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

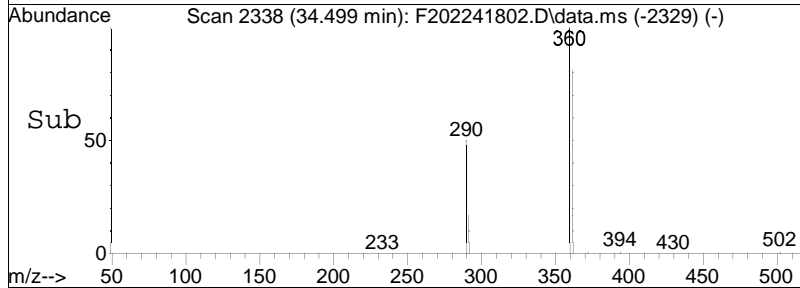
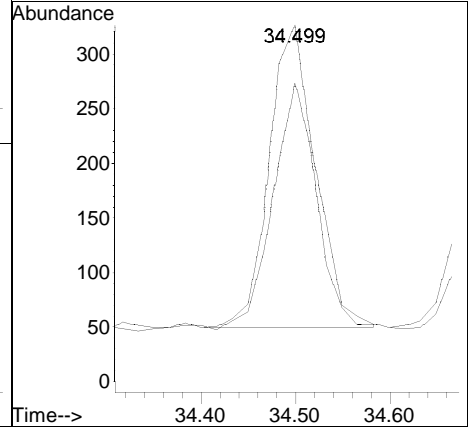
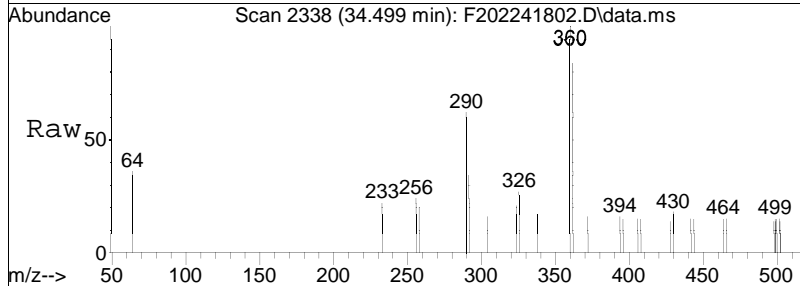
Tgt Ion: 326 Resp: 1420
 Ion Ratio Lower Upper
 326 100
 324 22.5 50.6 75.8#

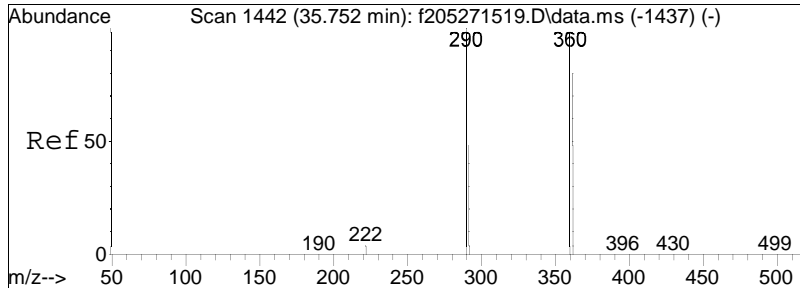




#108
 Cl6-BZ#145
 Concen: 0.36 ng/mL
 RT: 34.499 min Scan# 2338
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

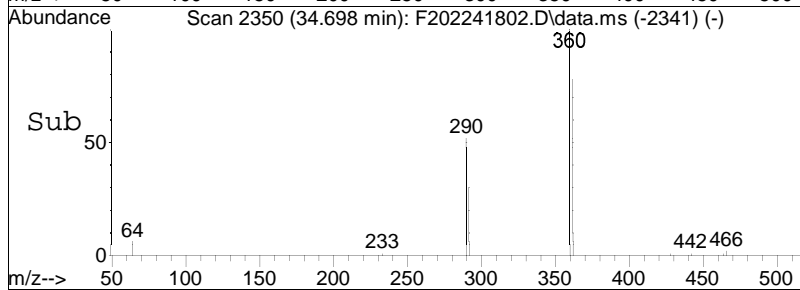
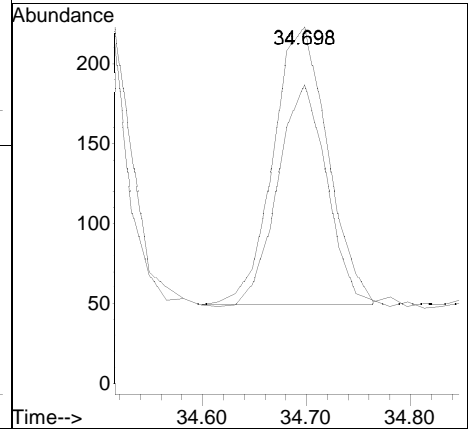
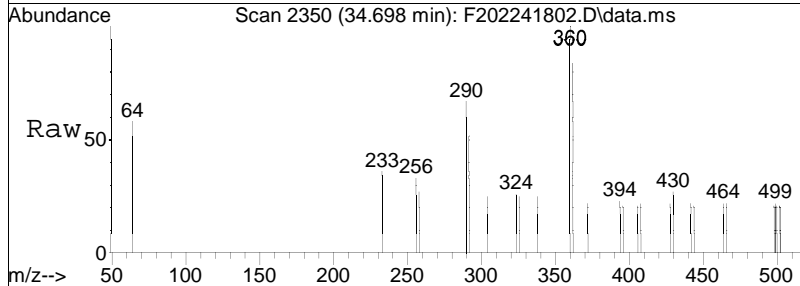
Tgt Ion: 360 Resp: 948
 Ion Ratio Lower Upper
 360 100
 362 76.6 64.9 97.3

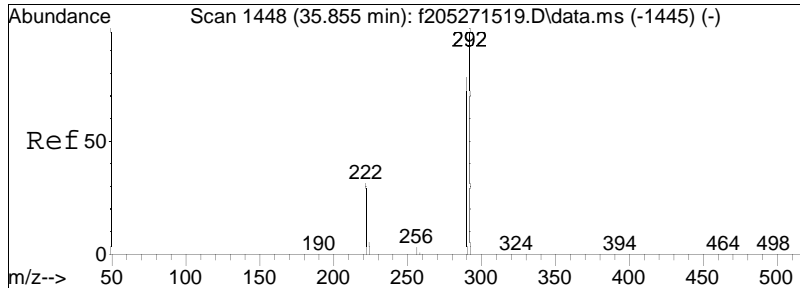




#109
 Cl6-BZ#148
 Concen: 0.37 ng/mL
 RT: 34.698 min Scan# 2350
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

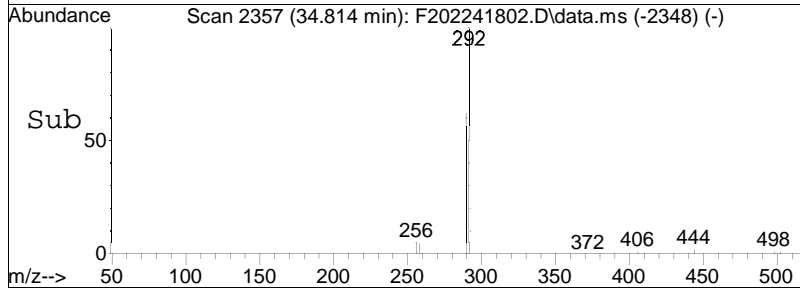
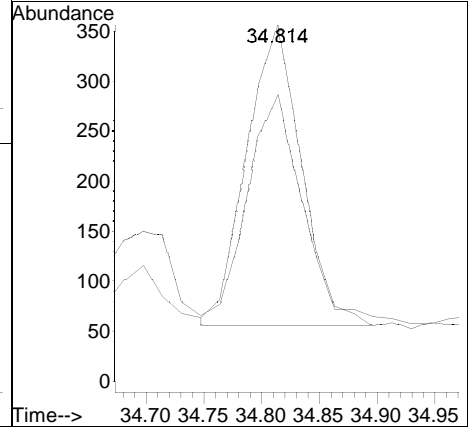
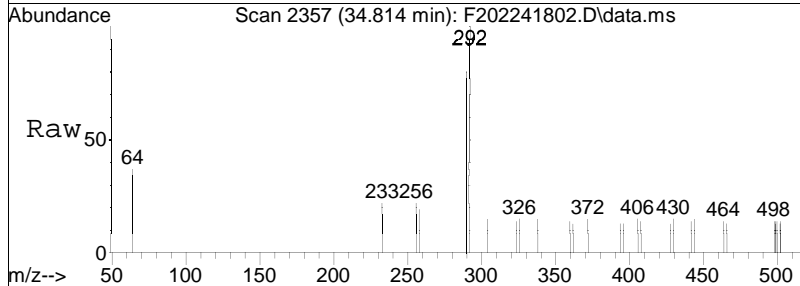
Tgt Ion: 360 Resp: 636
 Ion Ratio Lower Upper
 360 100
 362 72.6 63.3 94.9

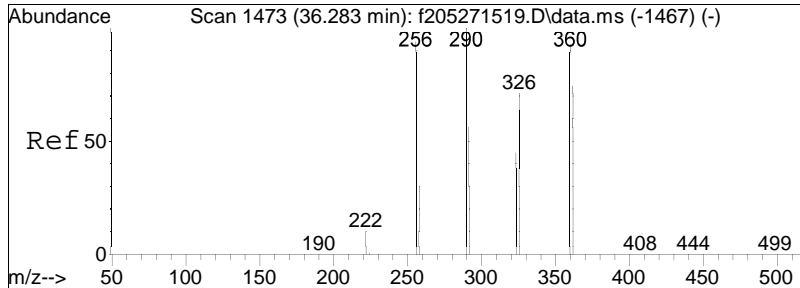




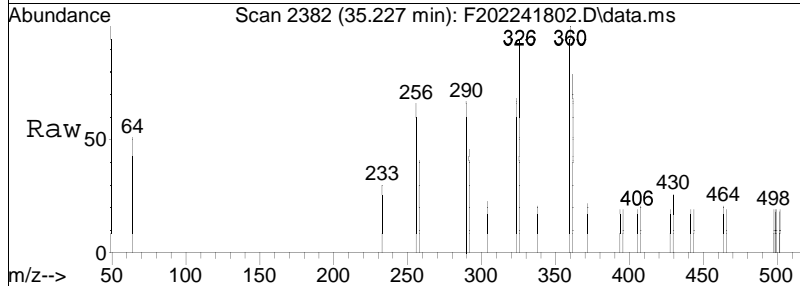
#110
 Cl4-BZ#79
 Concen: 0.38 ng/mL
 RT: 34.814 min Scan# 2357
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

Tgt Ion: 292 Resp: 993
 Ion Ratio Lower Upper
 292 100
 290 70.0 62.6 93.8

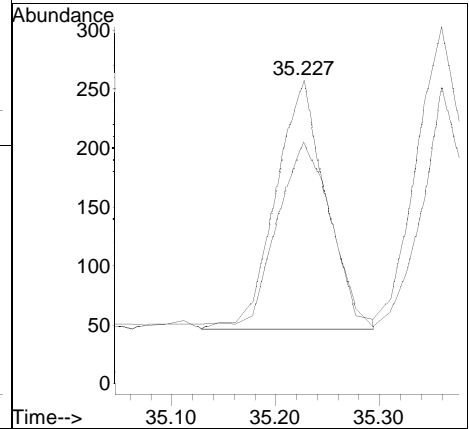
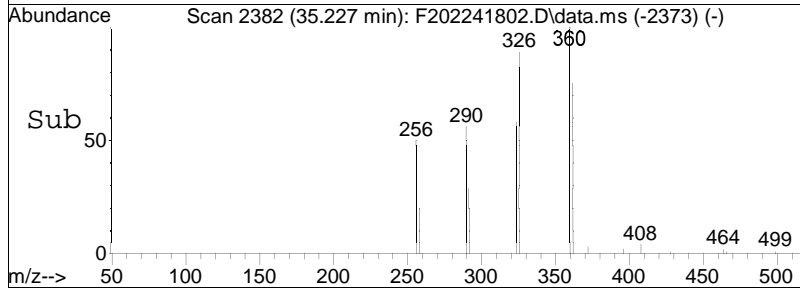


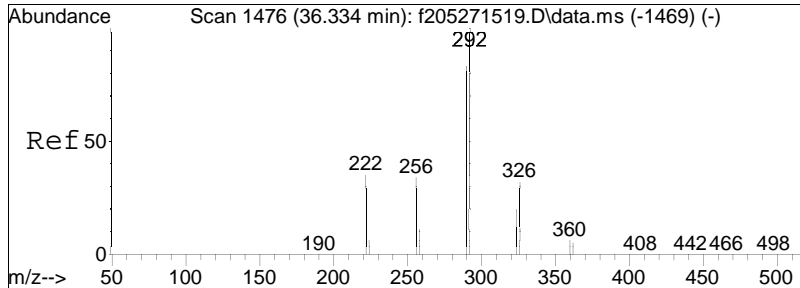


#111
 Cl6-BZ#154-Cal
 Concen: 0.36 ng/mL
 RT: 35.227 min Scan# 2382
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am



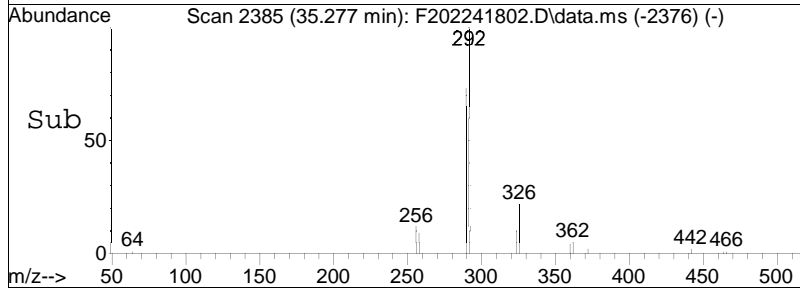
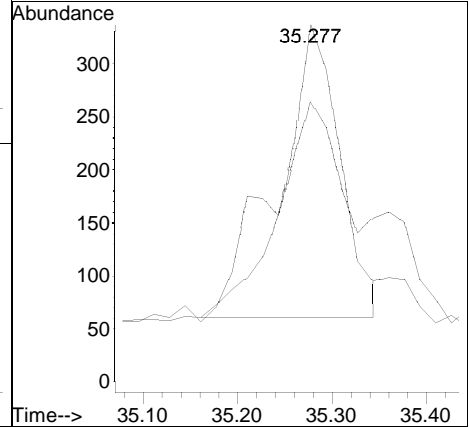
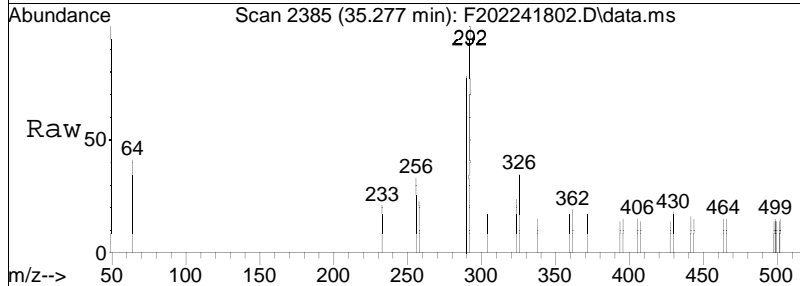
Tgt Ion: 360 Resp: 704
 Ion Ratio Lower Upper
 360 100
 362 78.8 64.2 96.4

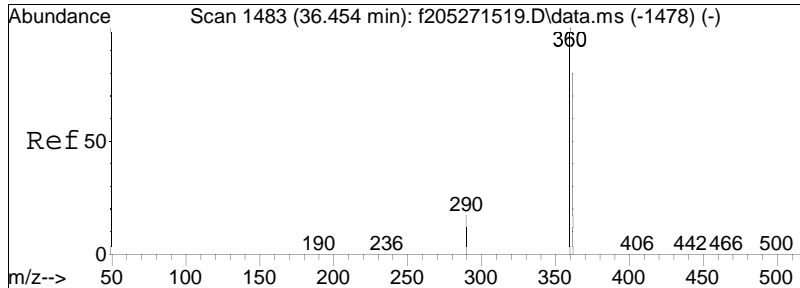




#114
 Cl4-BZ#78
 Concen: 0.33 ng/mL
 RT: 35.277 min Scan# 2385
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

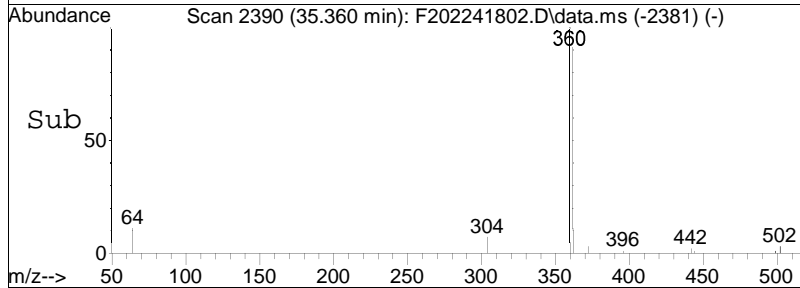
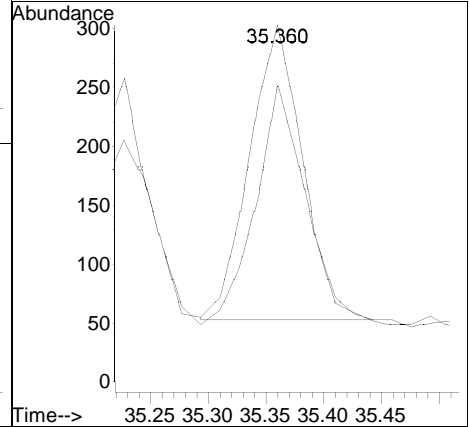
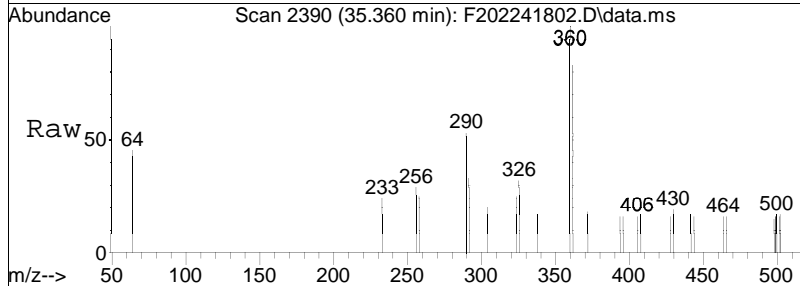
Tgt Ion: 292 Resp: 1130
 Ion Ratio Lower Upper
 292 100
 290 109.8 65.0 97.6#

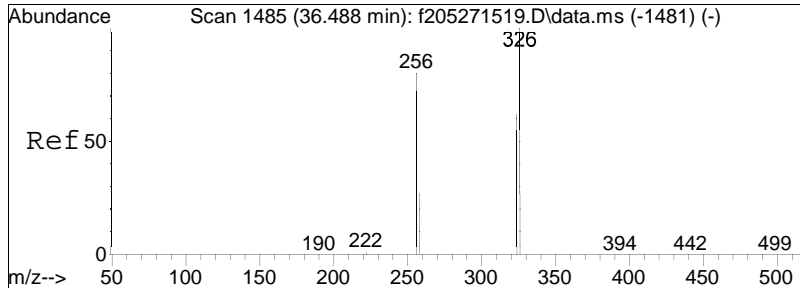




#115
 Cl6-BZ#136
 Concen: 0.34 ng/mL
 RT: 35.360 min Scan# 2390
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

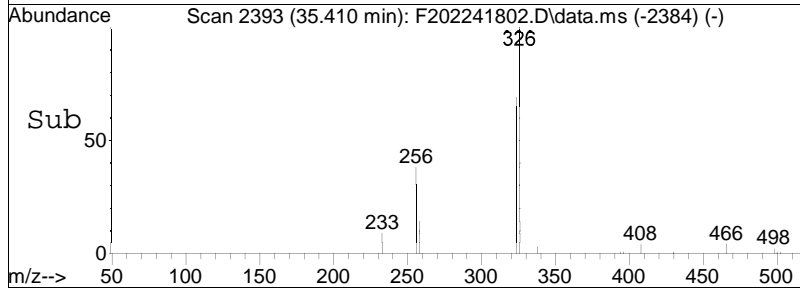
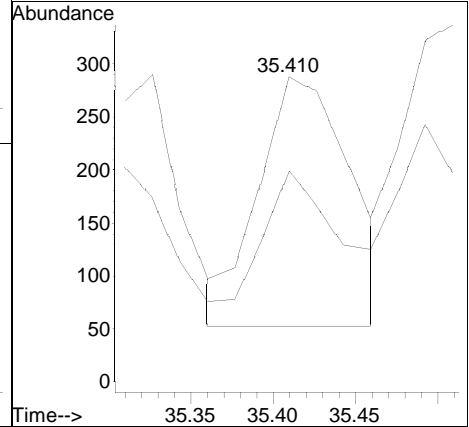
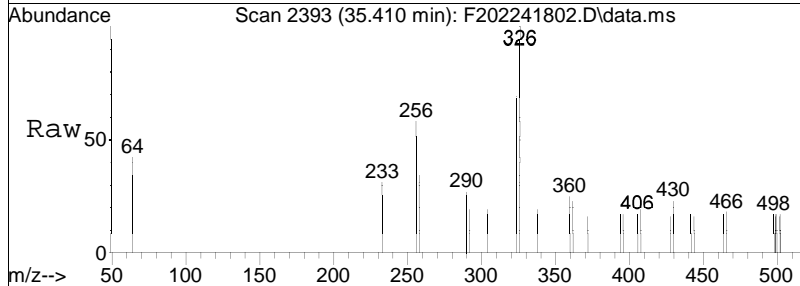
Tgt Ion	Resp	Lower	Upper
360	100		
362	77.1	64.9	97.3

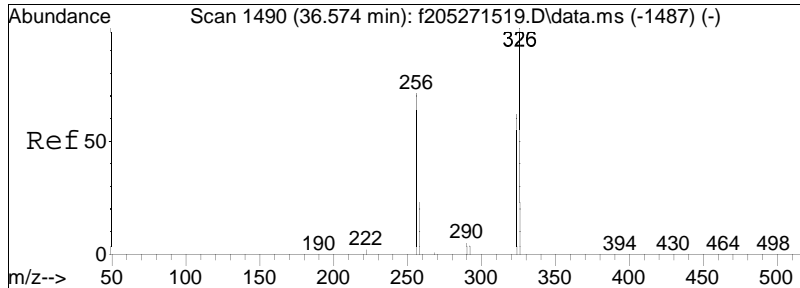




#116
 C15-BZ#117
 Concen: 0.34 ng/mL M4
 RT: 35.410 min Scan# 2393
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

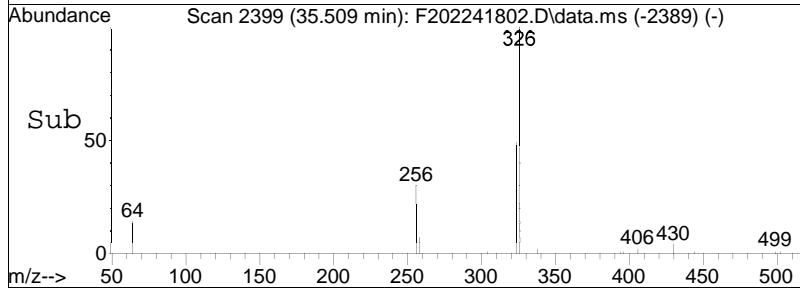
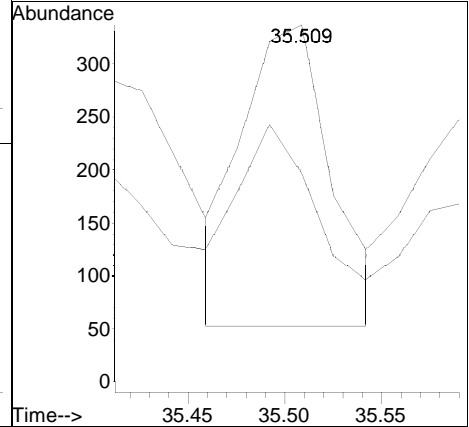
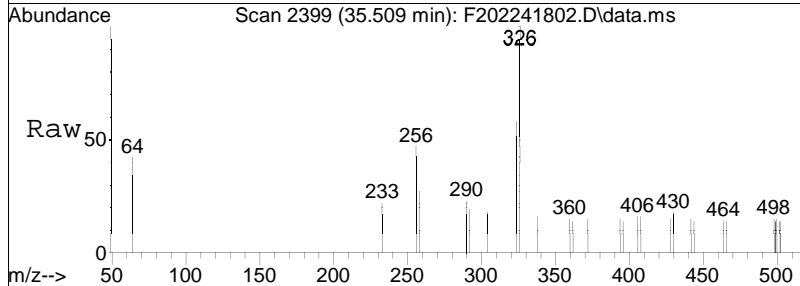
Tgt Ion: 326 Resp: 913
 Ion Ratio Lower Upper
 326 100
 324 40.7 49.1 73.7#

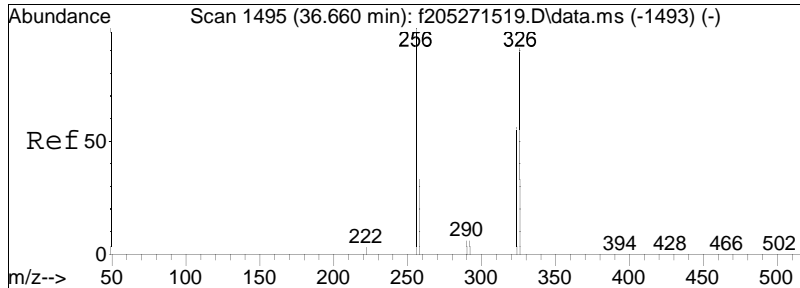




#117
 C15-BZ#115
 Concen: 0.37 ng/mL M4
 RT: 35.509 min Scan# 2399
 Delta R.T. 0.017 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

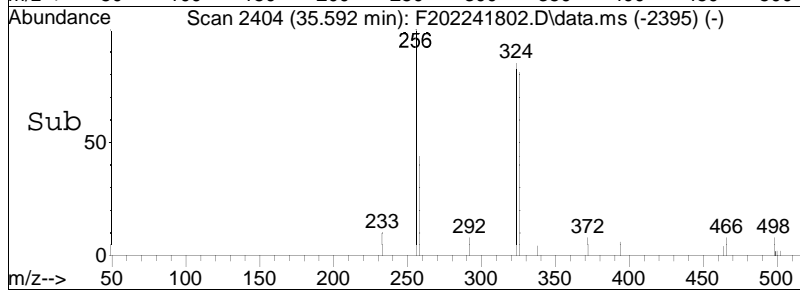
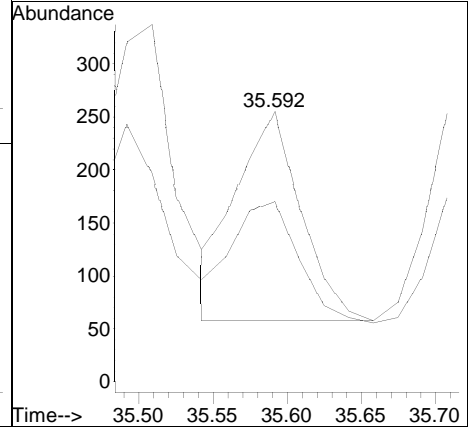
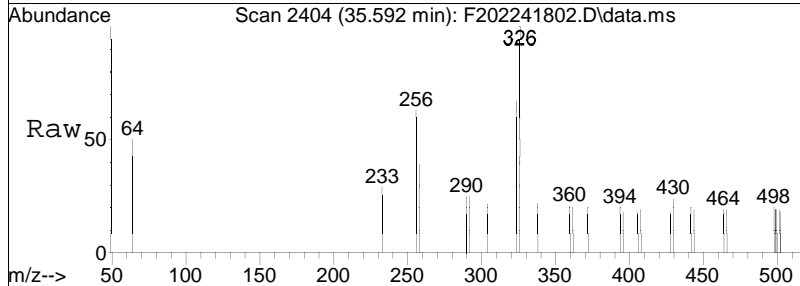
Tgt Ion: 326 Resp: 914
 Ion Ratio Lower Upper
 326 100
 324 40.5 48.7 73.1#

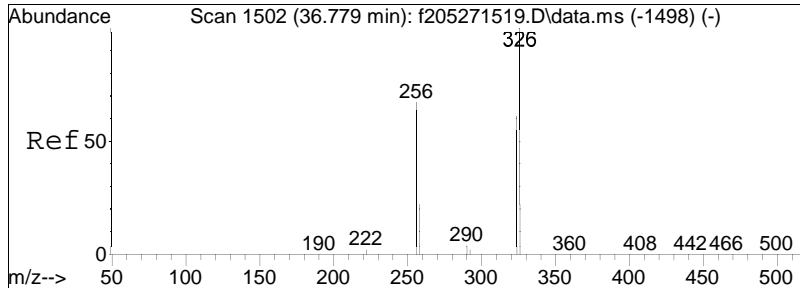




#118
 C15-BZ#85
 Concen: 0.37 ng/mL
 RT: 35.592 min Scan# 2404
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

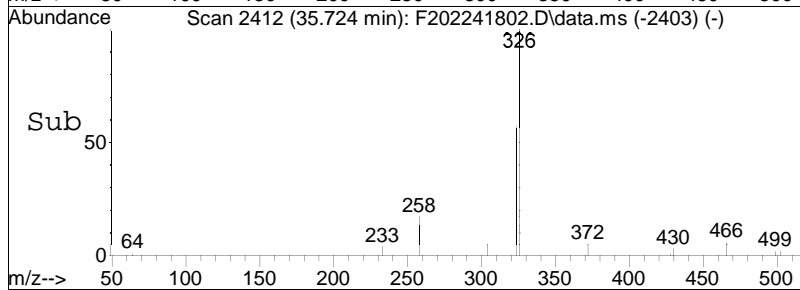
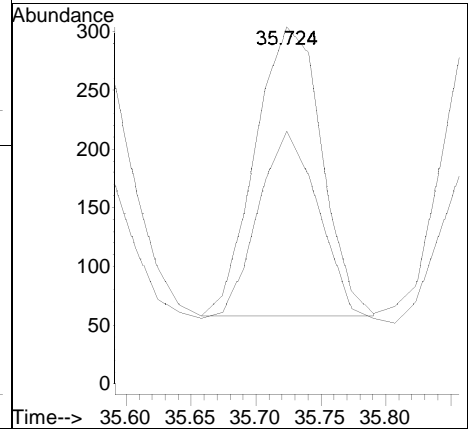
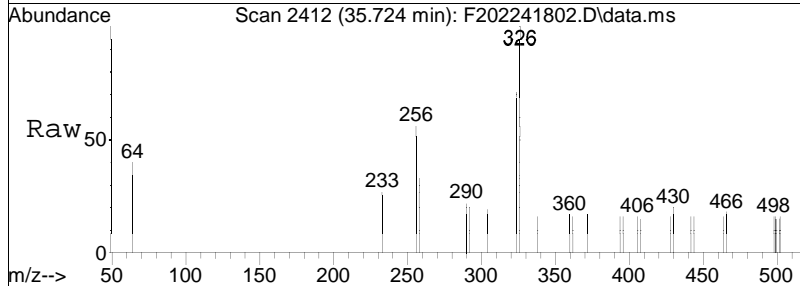
Tgt Ion: 326 Resp: 601
 Ion Ratio Lower Upper
 326 100
 324 59.9 49.6 74.4

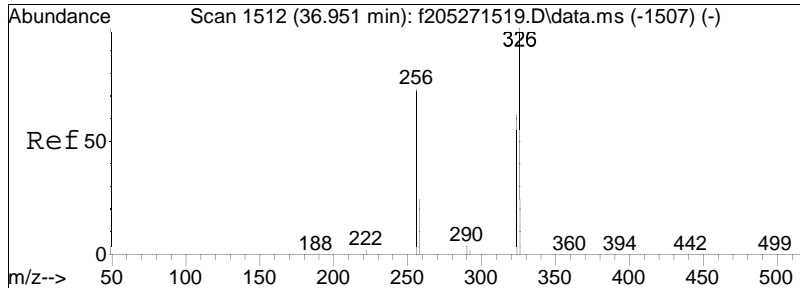




#119
 C15-BZ#120
 Concen: 0.36 ng/mL
 RT: 35.724 min Scan# 2412
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

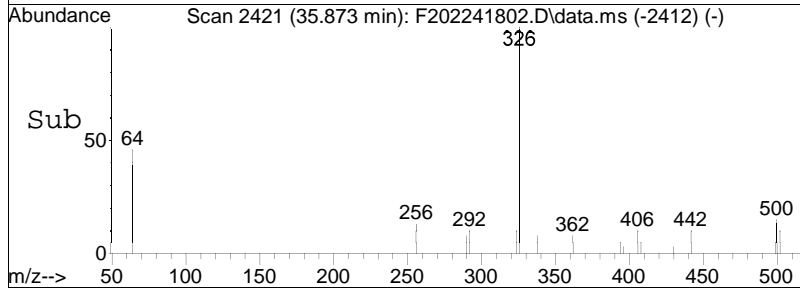
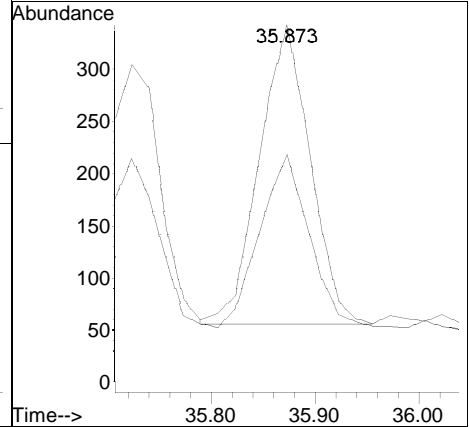
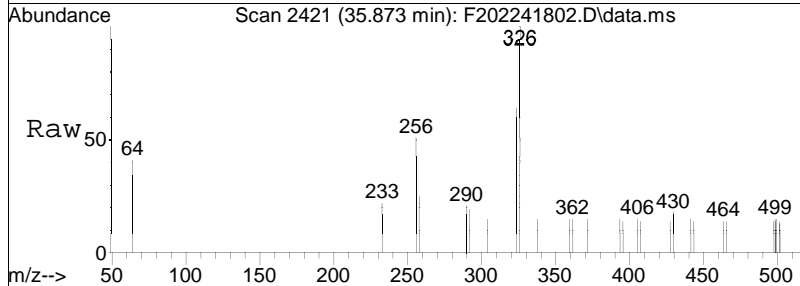
Tgt Ion: 326 Resp: 875
 Ion Ratio Lower Upper
 326 100
 324 62.3 49.7 74.5

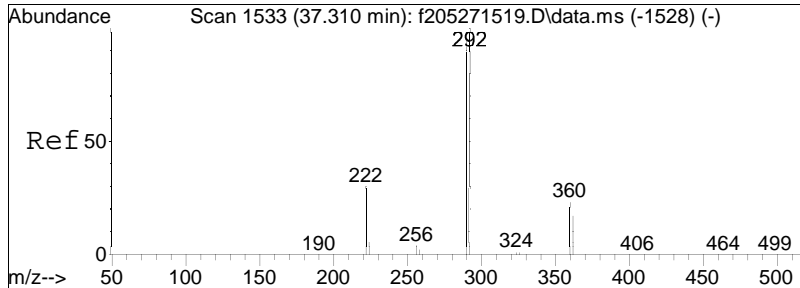




#120
 C15-BZ#110
 Concen: 0.40 ng/mL
 RT: 35.873 min Scan# 2421
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

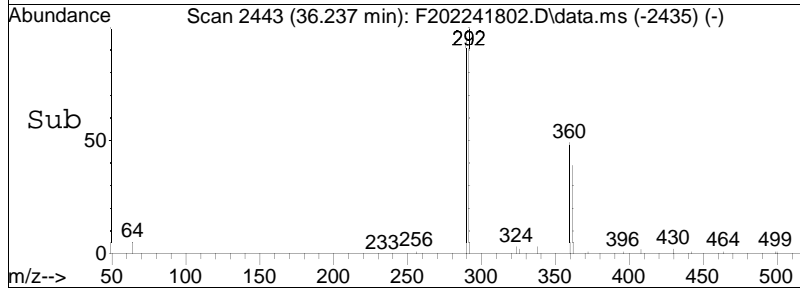
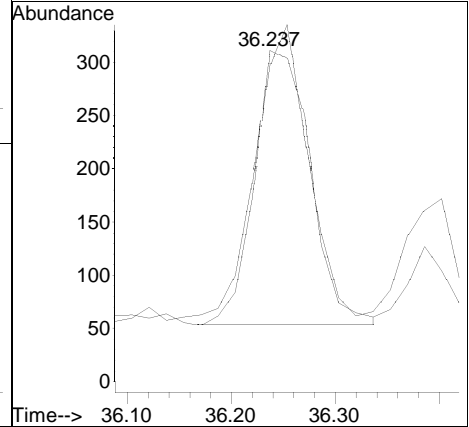
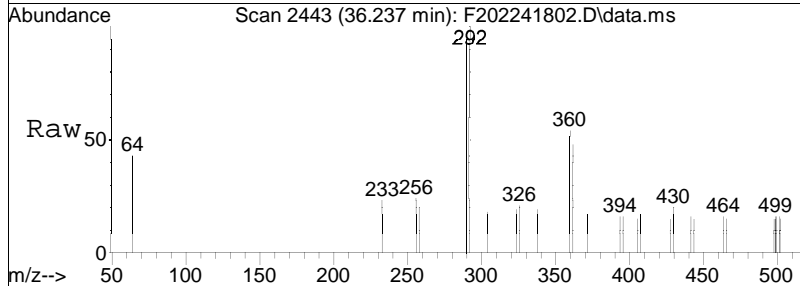
Tgt Ion: 326 Resp: 972
 Ion Ratio Lower Upper
 326 100
 324 56.8 49.4 74.2

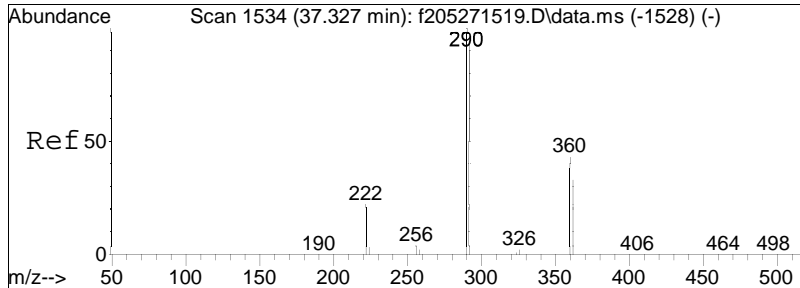




#121
 Cl4-BZ#81
 Concen: 0.38 ng/mL
 RT: 36.237 min Scan# 2443
 Delta R.T. -0.016 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

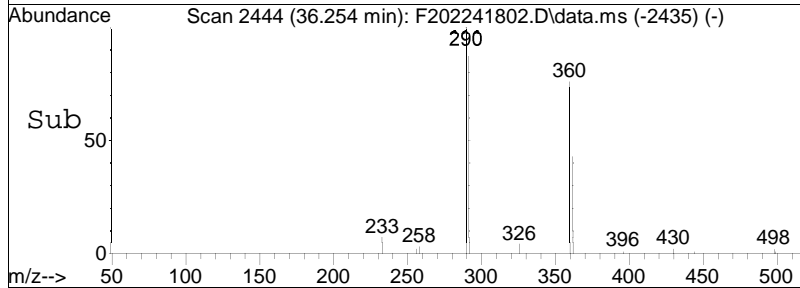
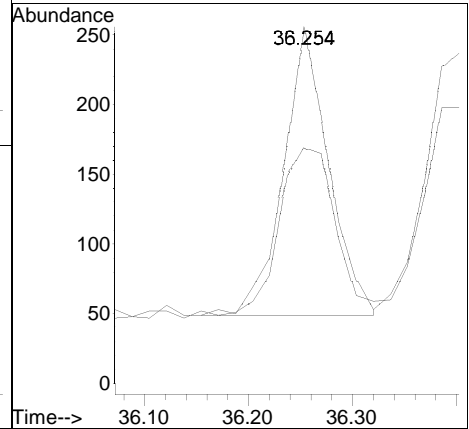
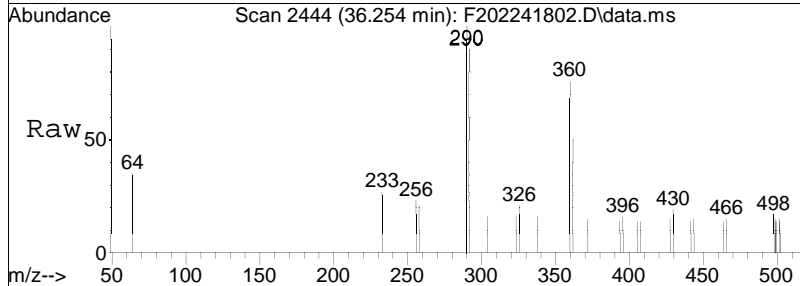
Tgt Ion: 292 Resp: 973
 Ion Ratio Lower Upper
 292 100
 290 95.5 78.3 117.5

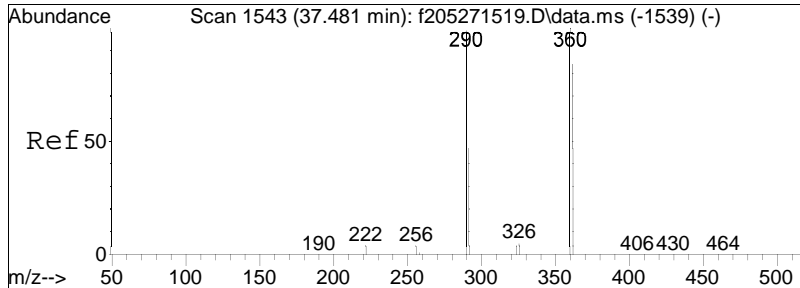




#123
 Cl6-BZ#151
 Concen: 0.36 ng/mL
 RT: 36.254 min Scan# 2444
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

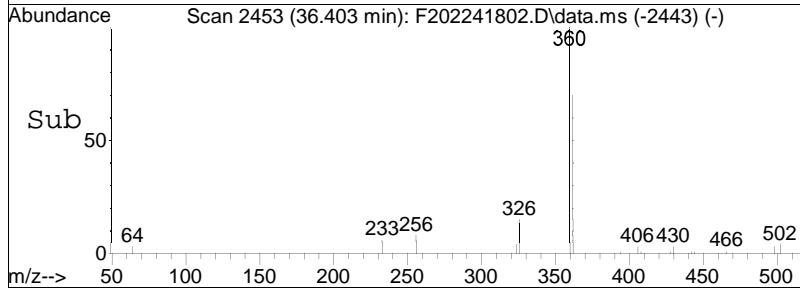
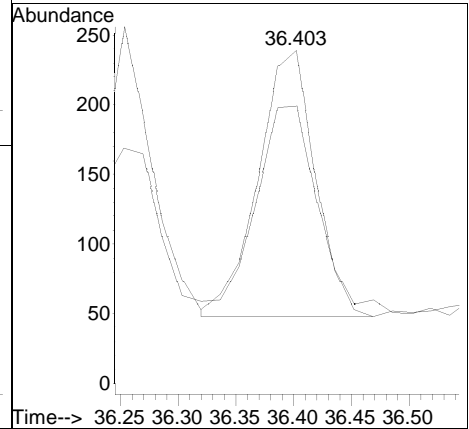
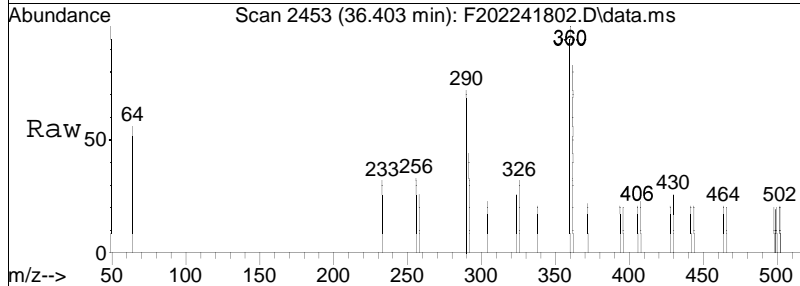
Tgt Ion: 360 Resp: 626
 Ion Ratio Lower Upper
 360 100
 362 72.4 62.7 94.1

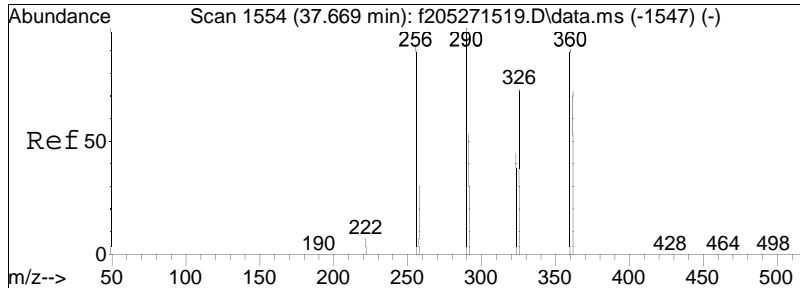




#124
 Cl6-BZ#135
 Concen: 0.36 ng/mL
 RT: 36.403 min Scan# 2453
 Delta R.T. 0.017 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

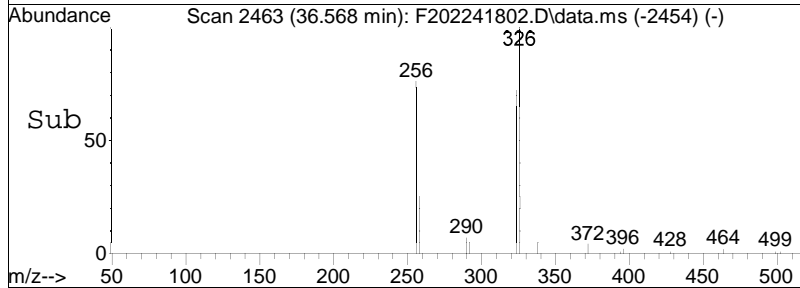
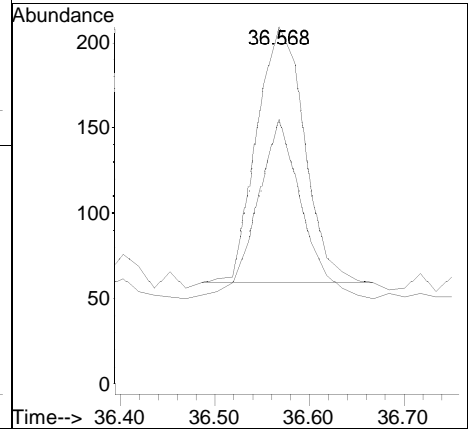
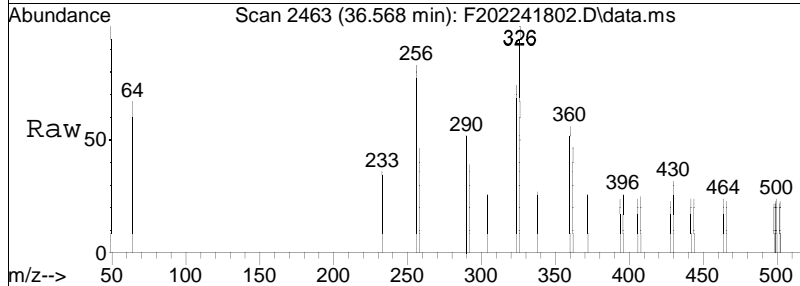
Tgt Ion:	360	Resp:	655
Ion Ratio	Lower	Upper	
360	100		
362	83.5	64.3	96.5

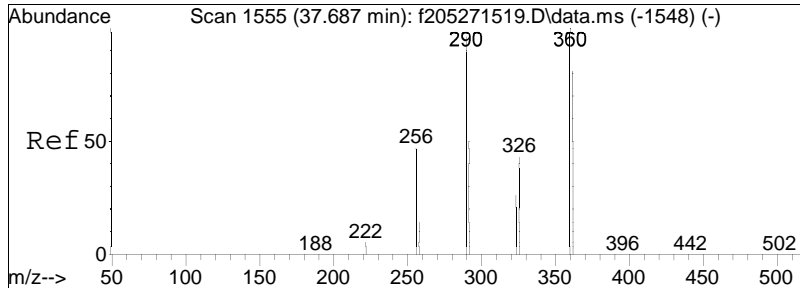




#125
 C15-BZ#82
 Concen: 0.31 ng/mL
 RT: 36.568 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

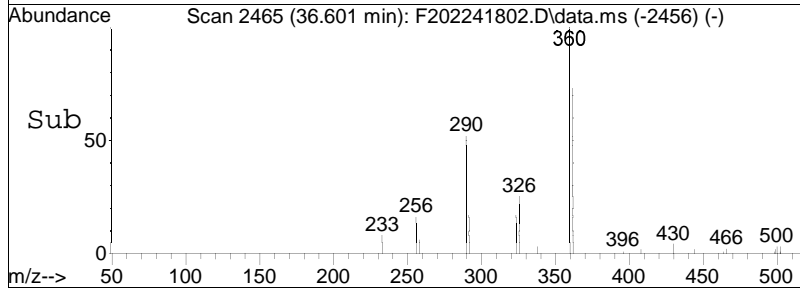
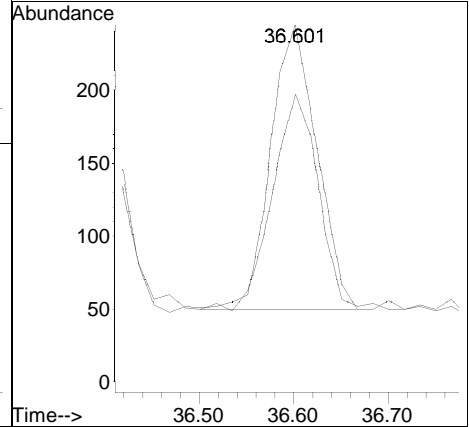
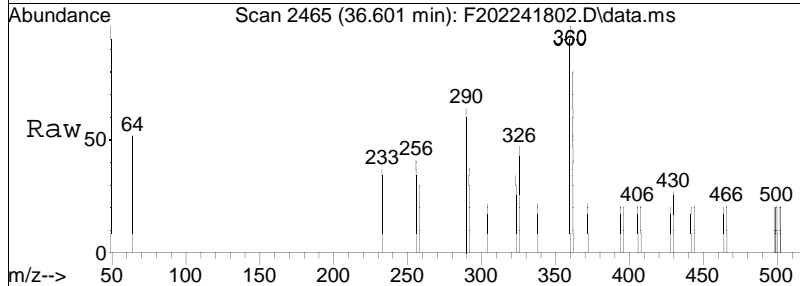
Tgt Ion: 326 Resp: 528
 Ion Ratio Lower Upper
 326 100
 324 66.1 48.7 73.1

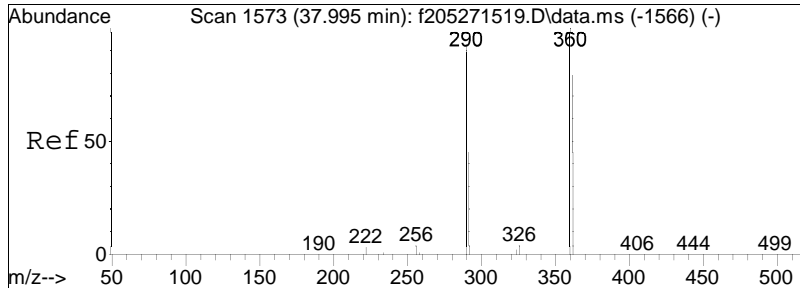




#126
 Cl6-BZ#144
 Concen: 0.36 ng/mL
 RT: 36.601 min Scan# 2465
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

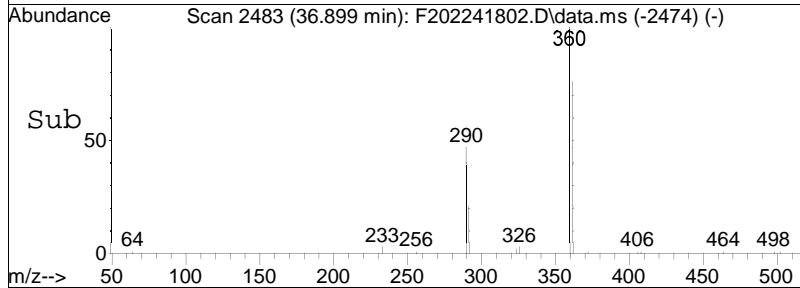
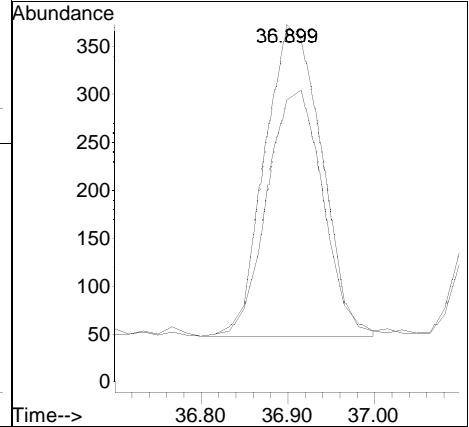
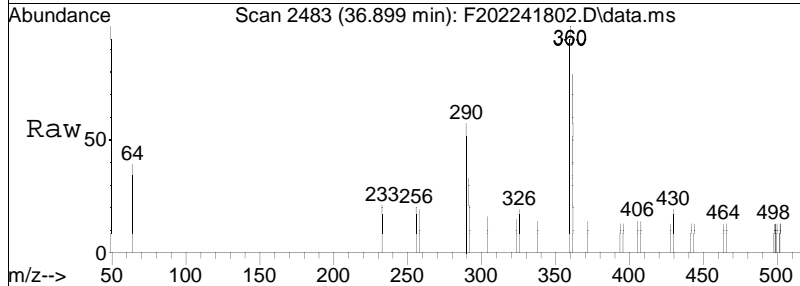
Tgt Ion: 360 Resp: 661
 Ion Ratio Lower Upper
 360 100
 362 75.0 64.8 97.2

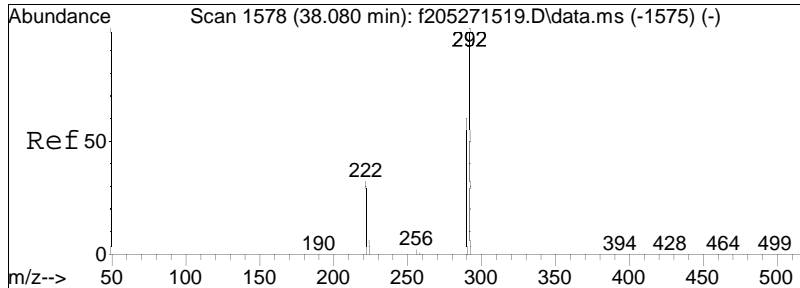




#127
 Cl6-BZ#147/#149
 Concen: 0.77 ng/mL
 RT: 36.899 min Scan# 2483
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

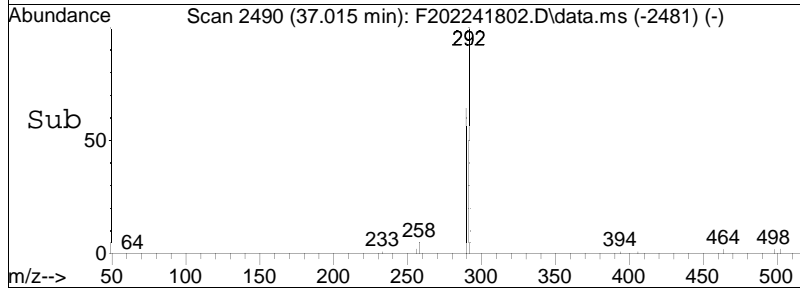
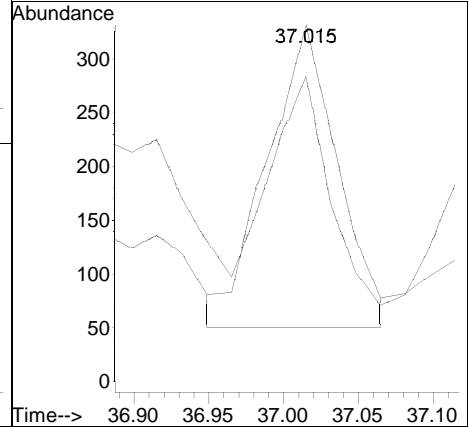
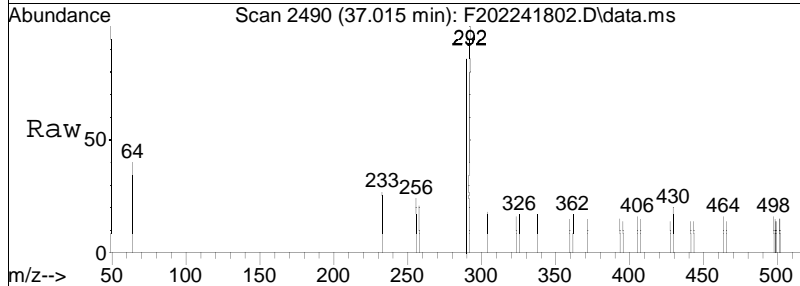
Tgt Ion: 360 Resp: 1471
 Ion Ratio Lower Upper
 360 100
 362 77.8 62.6 94.0

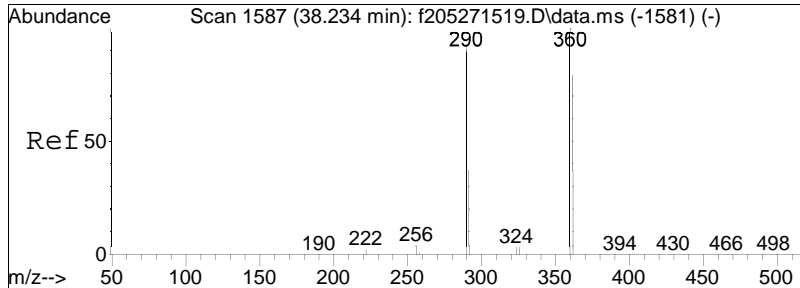




#128
 Cl4-BZ#77-RTW
 Concen: 0.37 ng/mL M4
 RT: 37.015 min Scan# 2490
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

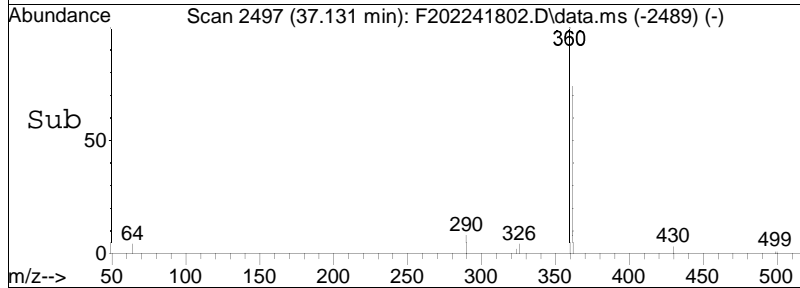
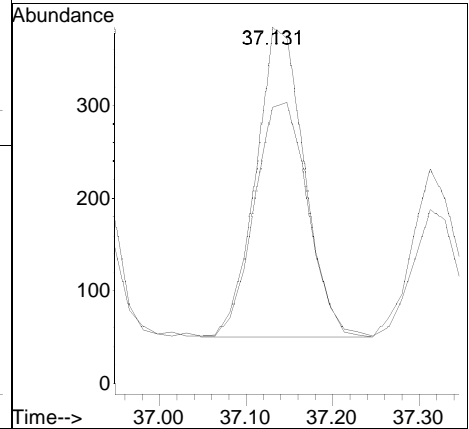
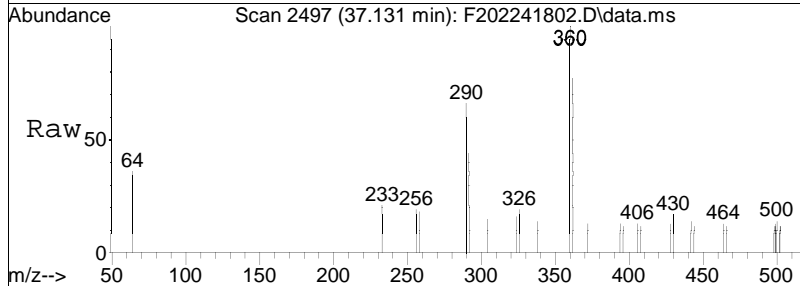
Tgt Ion	Resp	Lower	Upper
292	100		
290	85.5	62.0	93.0

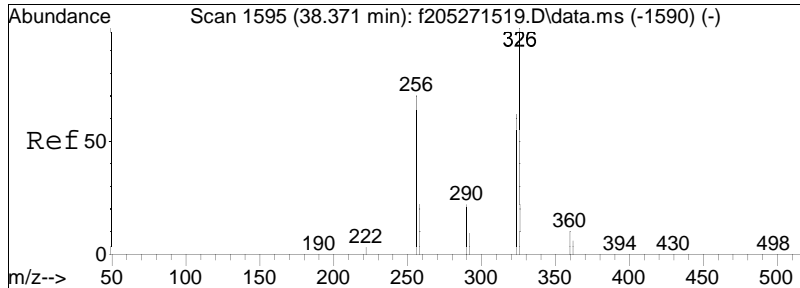




#129
 Cl6-BZ#143/#139
 Concen: 0.67 ng/mL
 RT: 37.131 min Scan# 2497
 Delta R.T. -0.016 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

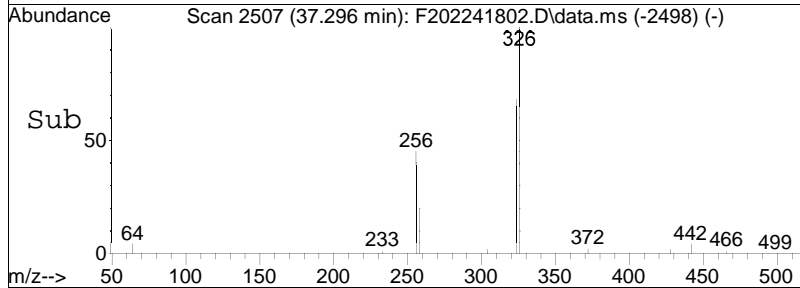
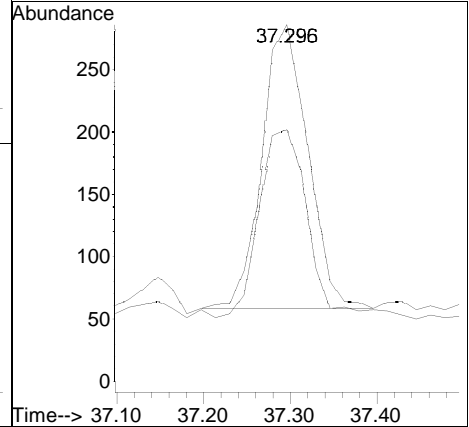
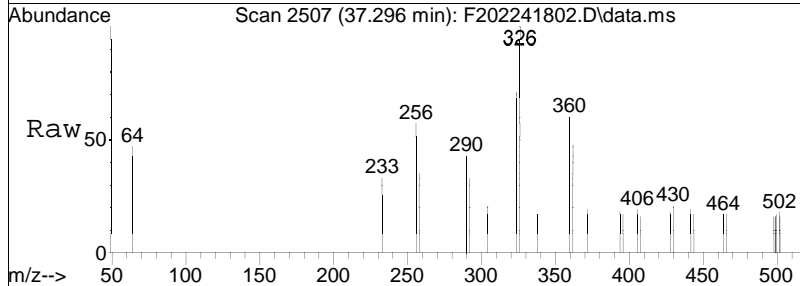
Tgt Ion: 360 Resp: 1297
 Ion Ratio Lower Upper
 360 100
 362 82.7 64.7 97.1

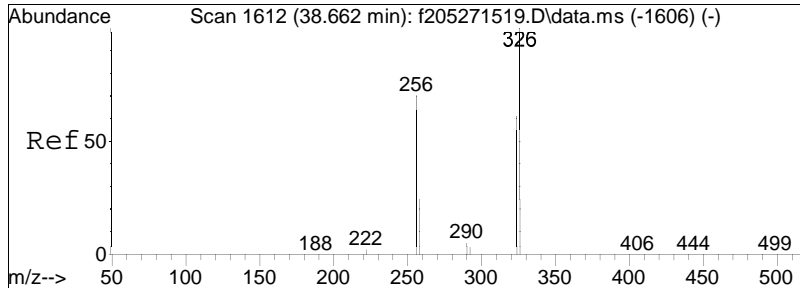




#130
 C15-BZ#124
 Concen: 0.33 ng/mL
 RT: 37.296 min Scan# 2507
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

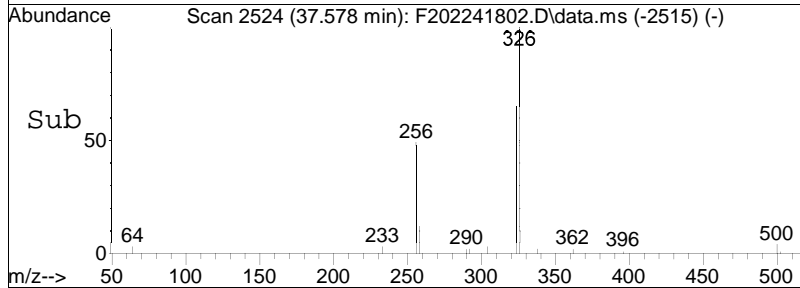
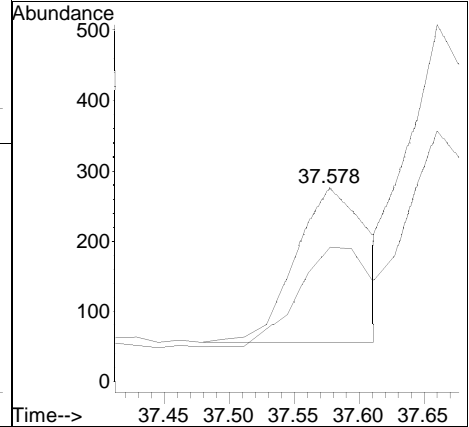
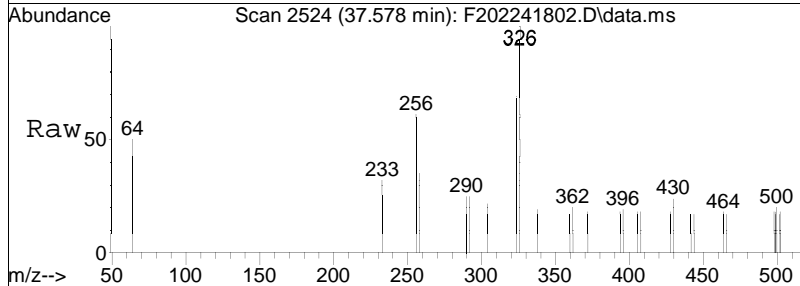
Tgt Ion: 326 Resp: 836
 Ion Ratio Lower Upper
 326 100
 324 68.4 49.2 73.8

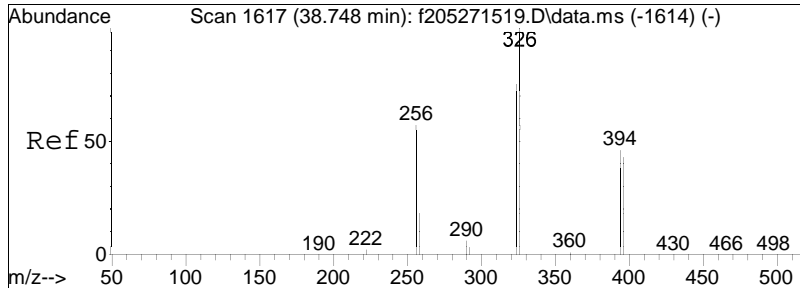




#131
 C15-BZ#108
 Concen: 0.34 ng/mL
 RT: 37.578 min Scan# 2524
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

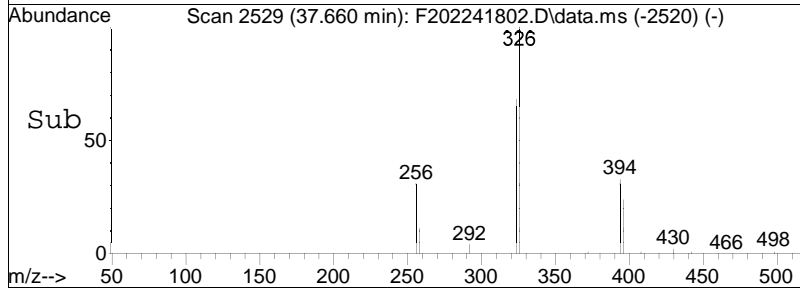
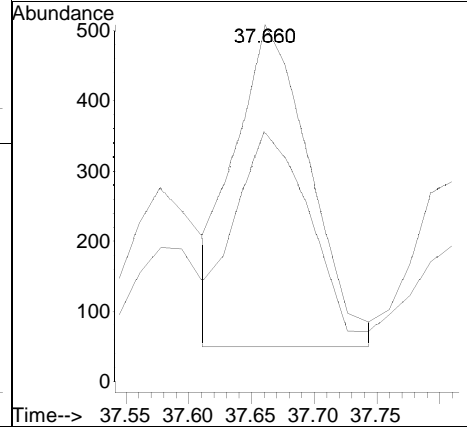
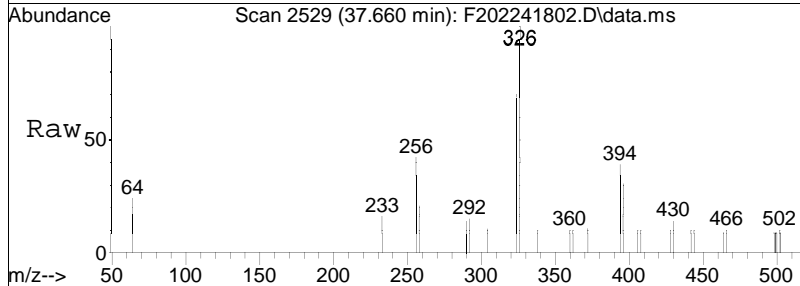
Tgt Ion: 326 Resp: 847
 Ion Ratio Lower Upper
 326 100
 324 64.0 50.0 75.0

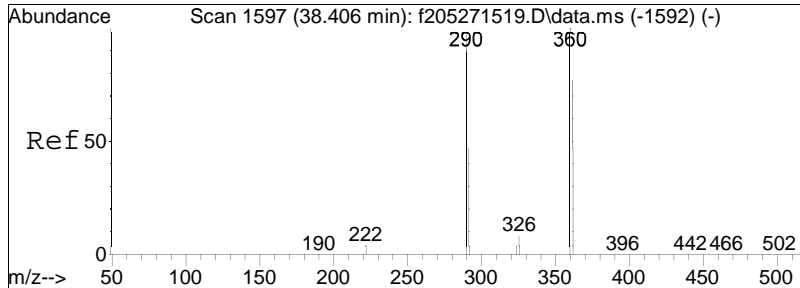




#132
 C15-BZ#107/#123
 Concen: 0.71 ng/mL M4
 RT: 37.660 min Scan# 2529
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

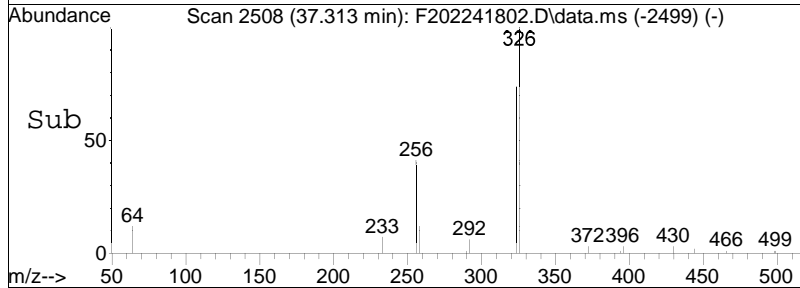
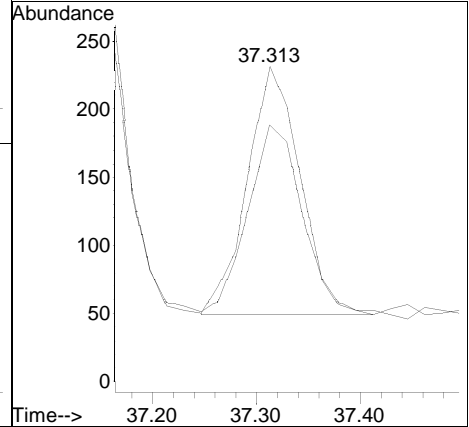
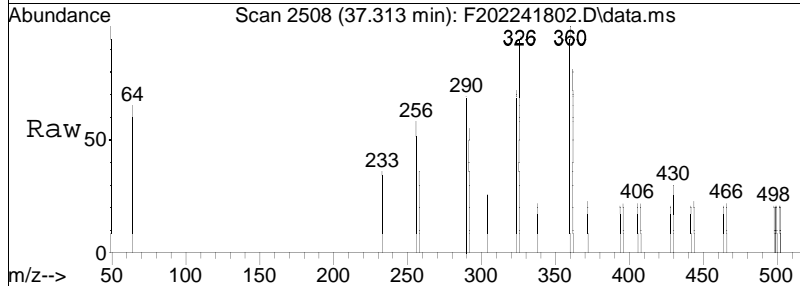
Tgt Ion: 326 Resp: 1902
 Ion Ratio Lower Upper
 326 100
 324 58.8 57.6 86.4

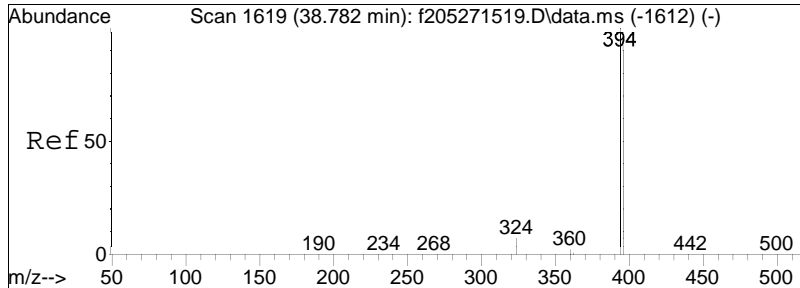




#133
 Cl6-BZ#140
 Concen: 0.35 ng/mL
 RT: 37.313 min Scan# 2508
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

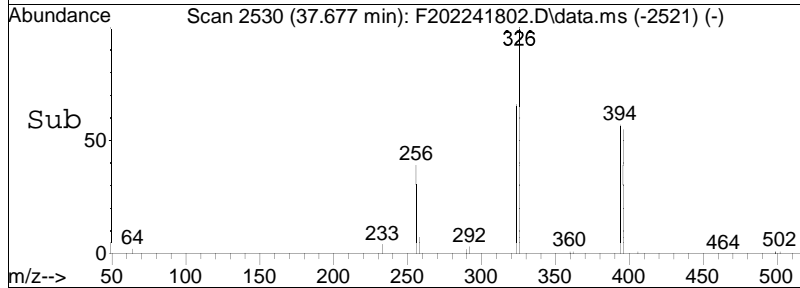
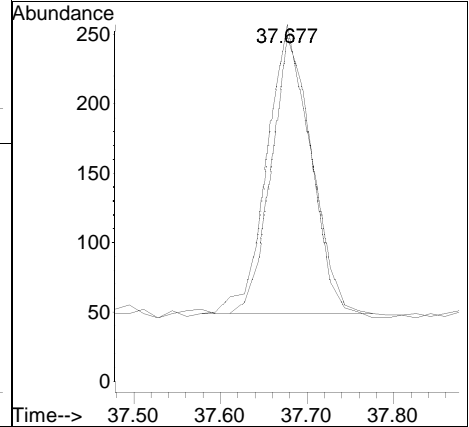
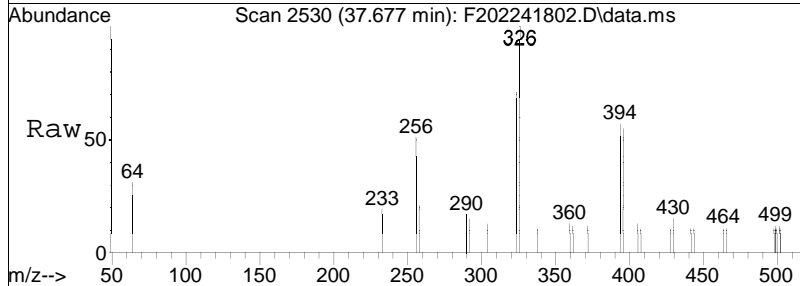
Tgt Ion: 360 Resp: 644
 Ion Ratio Lower Upper
 360 100
 362 76.4 64.8 97.2

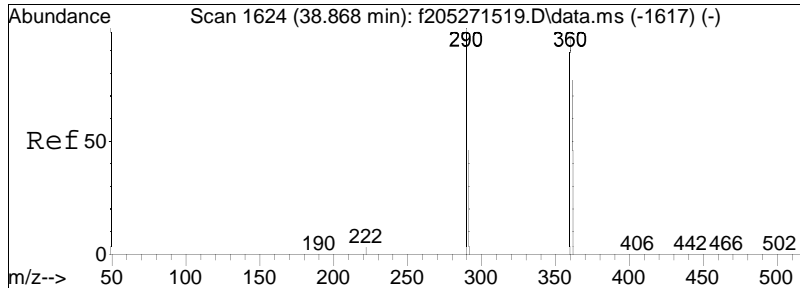




#134
 Cl7-BZ#188-Cal/RTW
 Concen: 0.32 ng/mL
 RT: 37.677 min Scan# 2530
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

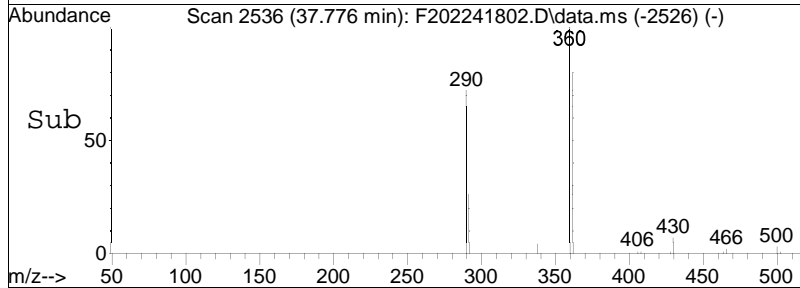
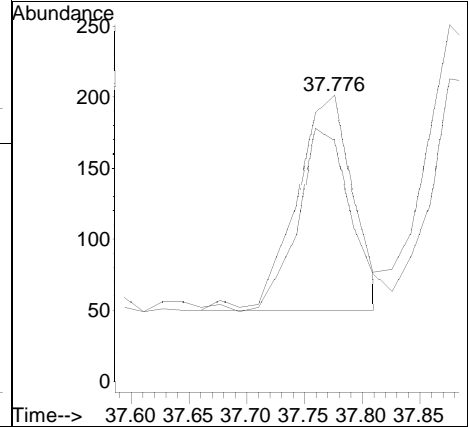
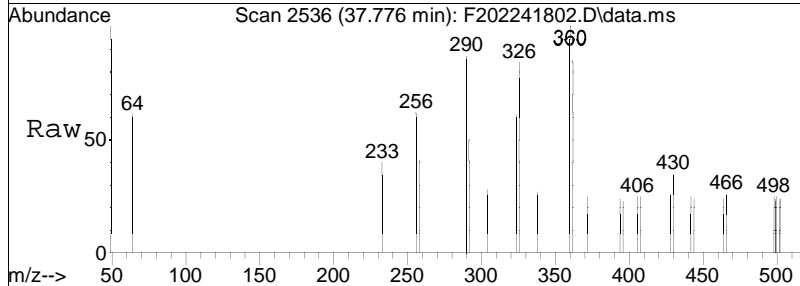
Tgt Ion	Resp	Lower	Upper
394	100		
396	91.4	76.3	114.5

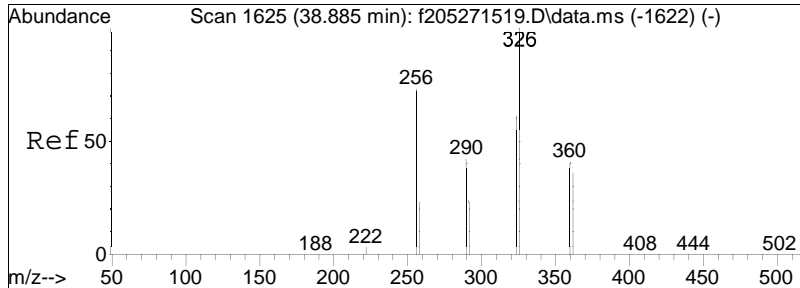




#137
 Cl6-BZ#134
 Concen: 0.33 ng/mL
 RT: 37.776 min Scan# 2536
 Delta R.T. 0.017 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

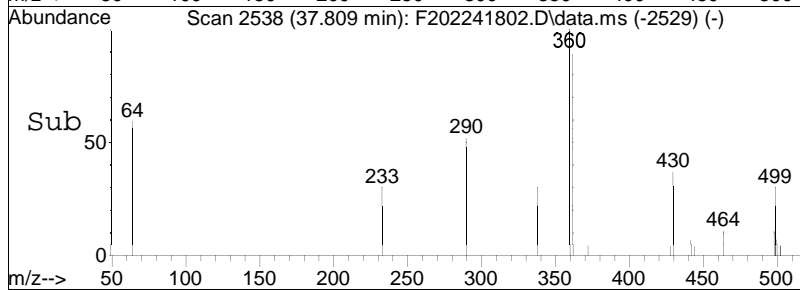
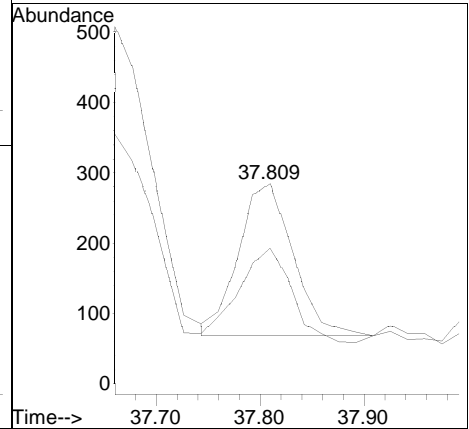
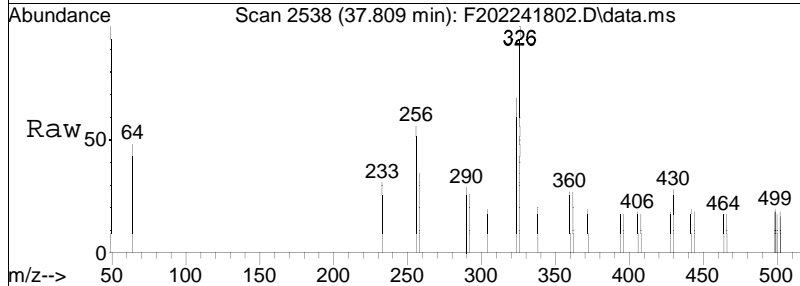
Tgt Ion: 360 Resp: 517
 Ion Ratio Lower Upper
 360 100
 362 83.2 61.2 91.8

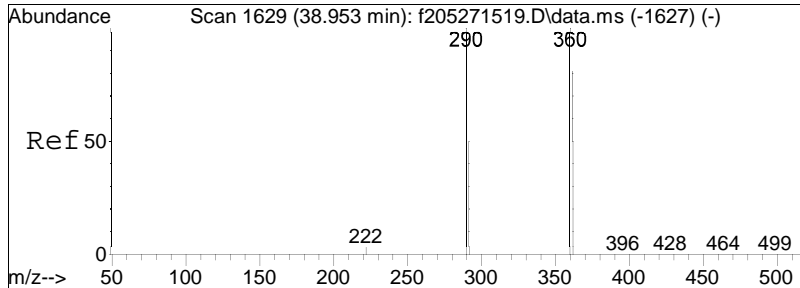




#138
 C15-BZ#106
 Concen: 0.30 ng/mL
 RT: 37.809 min Scan# 2538
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

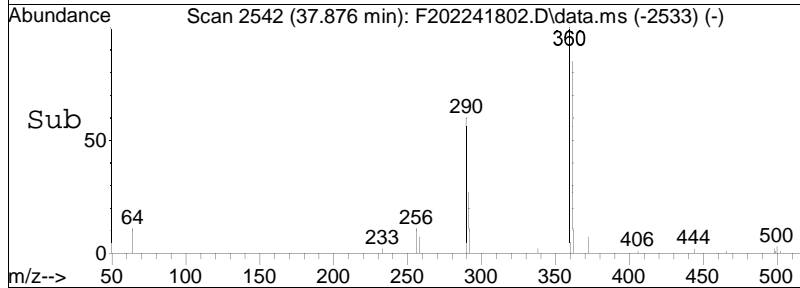
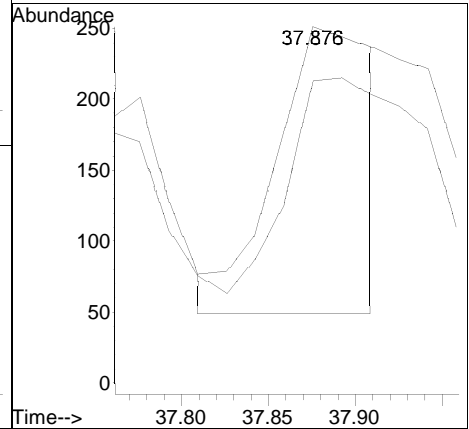
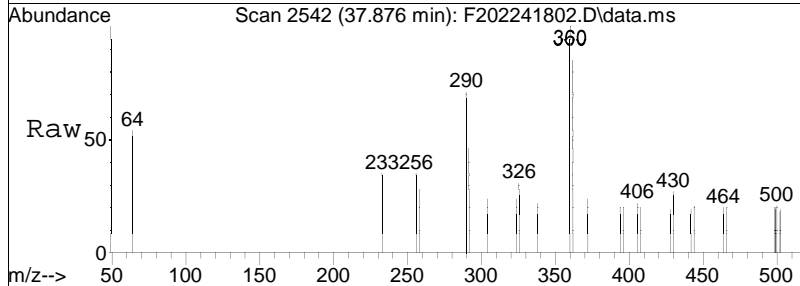
Tgt Ion: 326 Resp: 794
 Ion Ratio Lower Upper
 326 100
 324 60.1 49.8 74.8

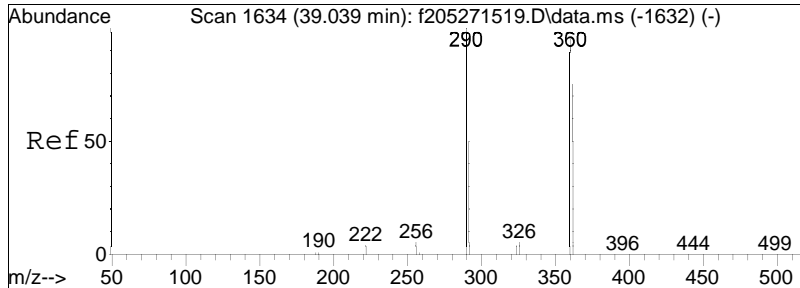




#139
 Cl6-BZ#133
 Concen: 0.39 ng/mL M3
 RT: 37.876 min Scan# 2542
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

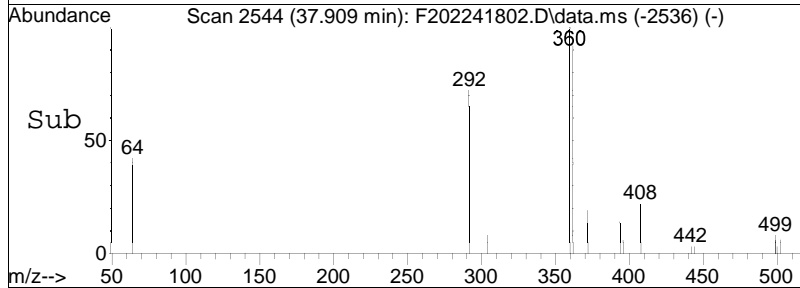
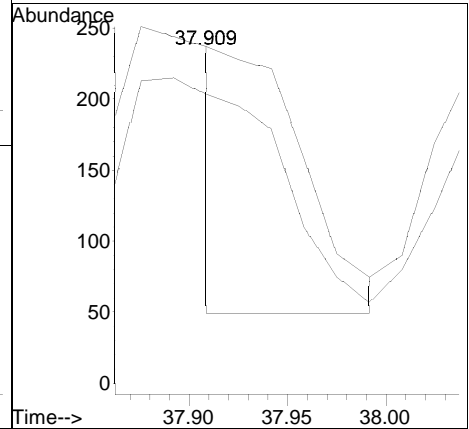
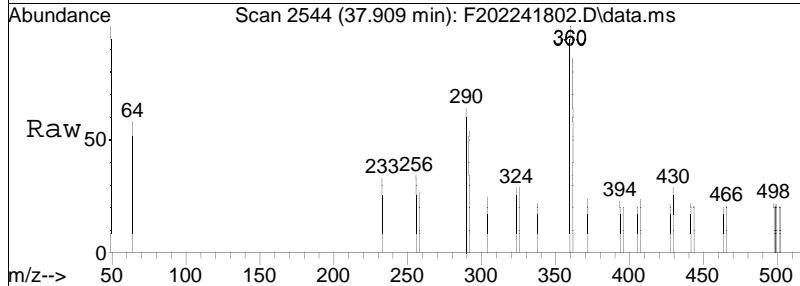
Tgt Ion: 360 Resp: 792
 Ion Ratio Lower Upper
 360 100
 362 104.8 62.5 93.7#

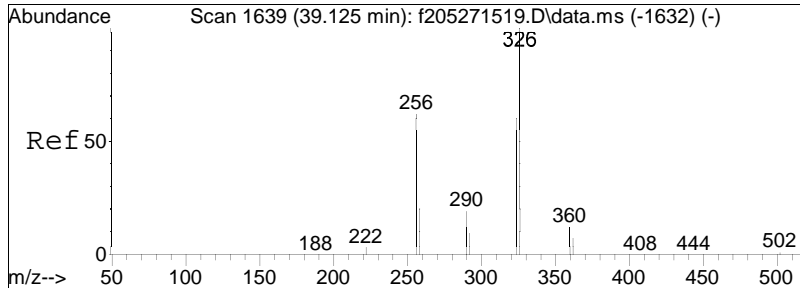




#140
 Cl6-BZ#142
 Concen: 0.35 ng/mL M3
 RT: 37.909 min Scan# 2544
 Delta R.T. -0.016 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

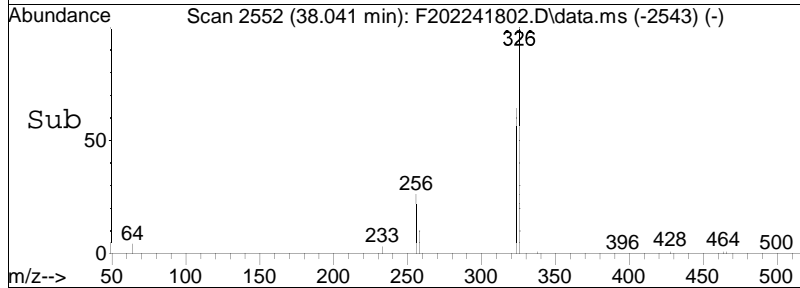
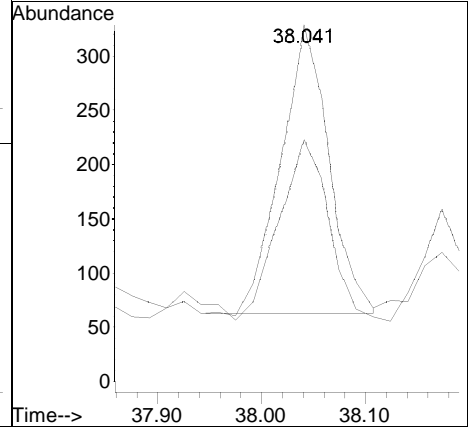
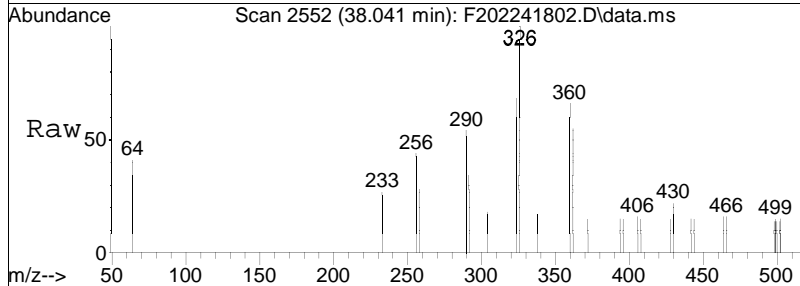
Tgt Ion: 360 Resp: 525
 Ion Ratio Lower Upper
 360 100
 362 168.4 63.2 94.8#

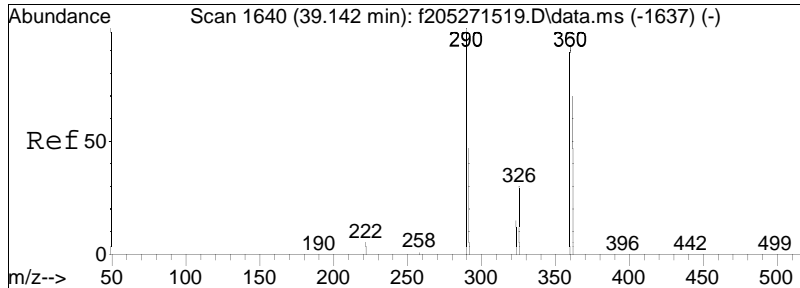




#141
 C15-BZ#118
 Concen: 0.36 ng/mL
 RT: 38.041 min Scan# 2552
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

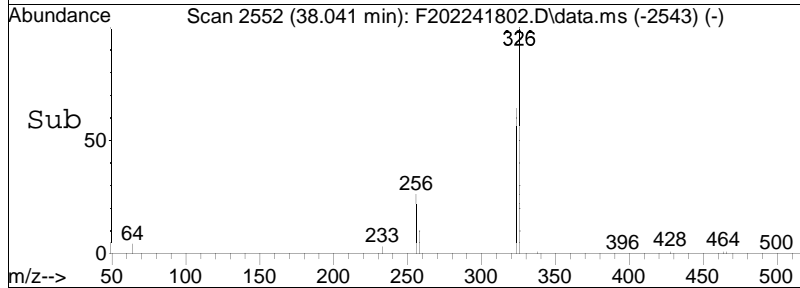
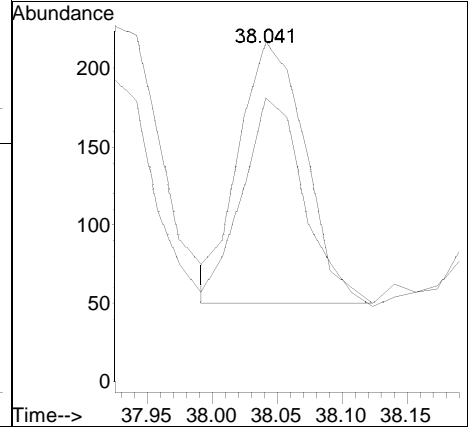
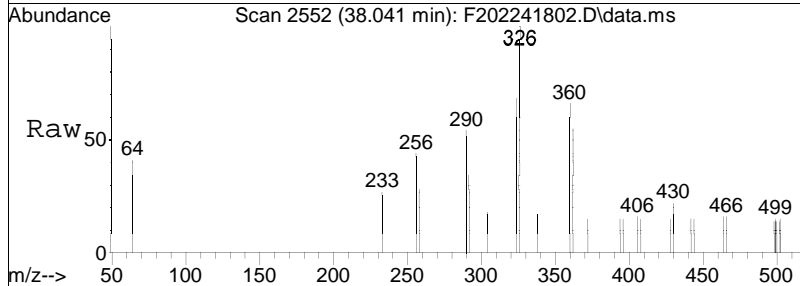
Tgt Ion: 326 Resp: 849
 Ion Ratio Lower Upper
 326 100
 324 65.4 51.4 77.0

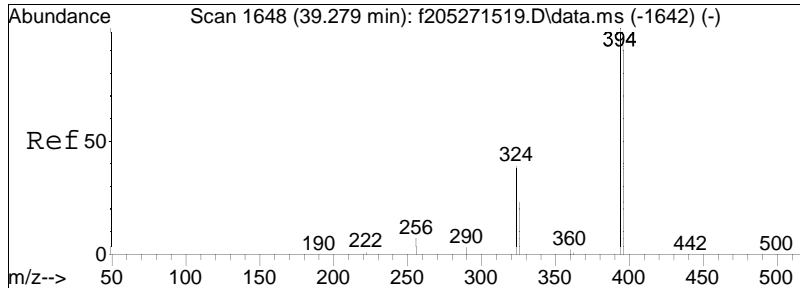




#142
 Cl6-BZ#131
 Concen: 0.38 ng/mL
 RT: 38.041 min Scan# 2552
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

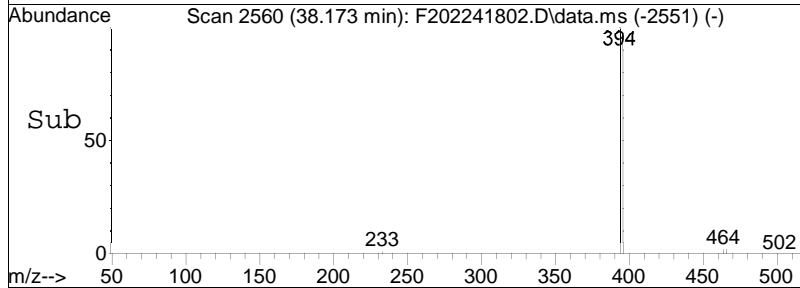
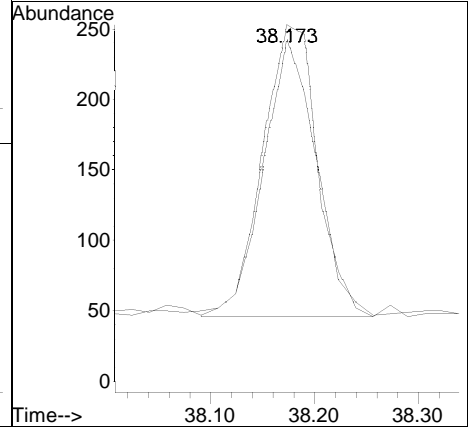
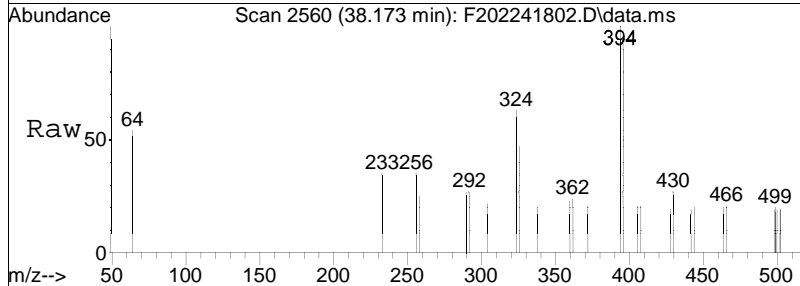
Tgt Ion: 360 Resp: 593
 Ion Ratio Lower Upper
 360 100
 362 75.4 64.2 96.4

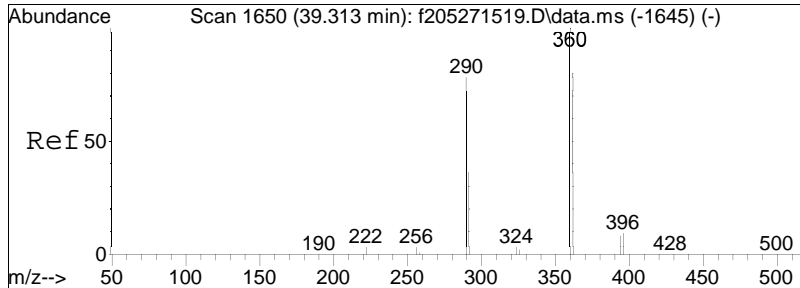




#143
 Cl7-BZ#184
 Concen: 0.35 ng/mL
 RT: 38.173 min Scan# 2560
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

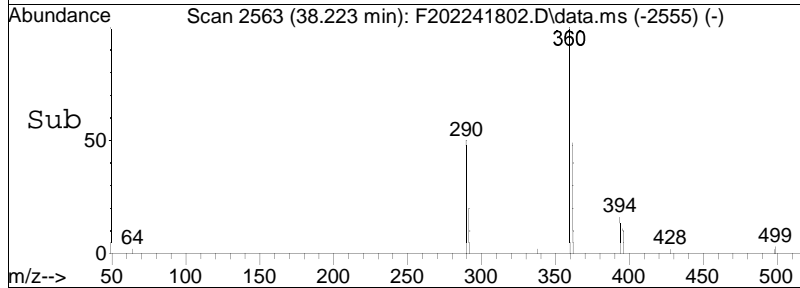
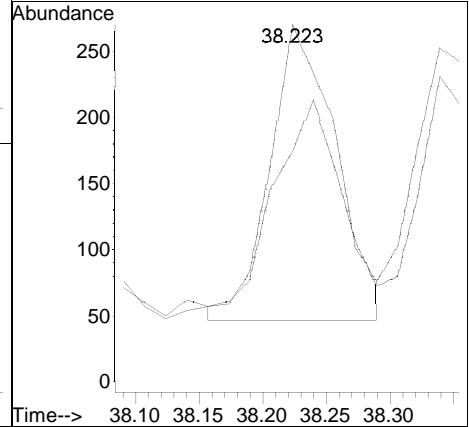
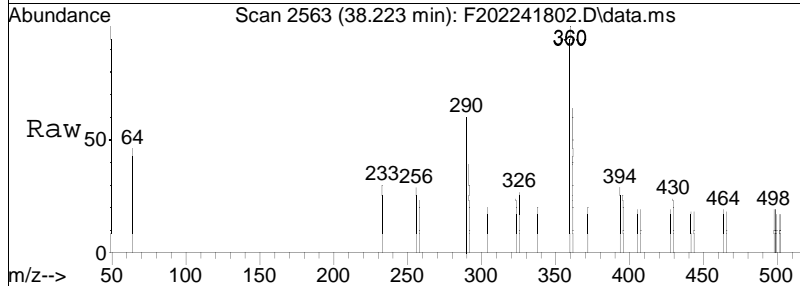
Tgt Ion: 394 Resp: 758
 Ion Ratio Lower Upper
 394 100
 396 90.5 75.3 112.9

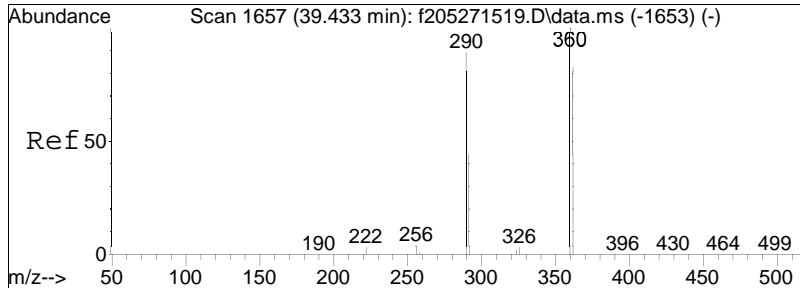




#144
 Cl6-BZ#165
 Concen: 0.35 ng/mL M4
 RT: 38.223 min Scan# 2563
 Delta R.T. -0.016 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

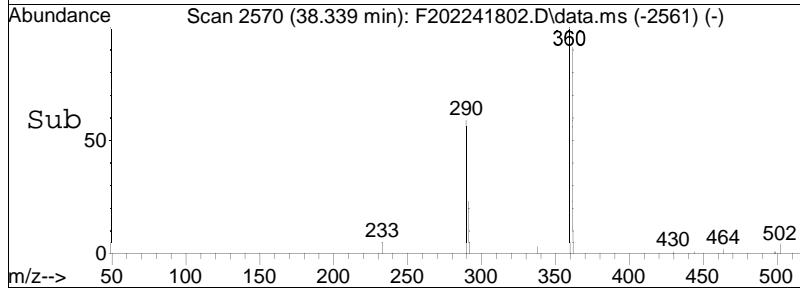
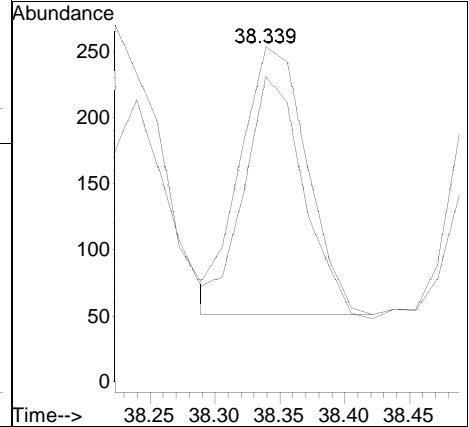
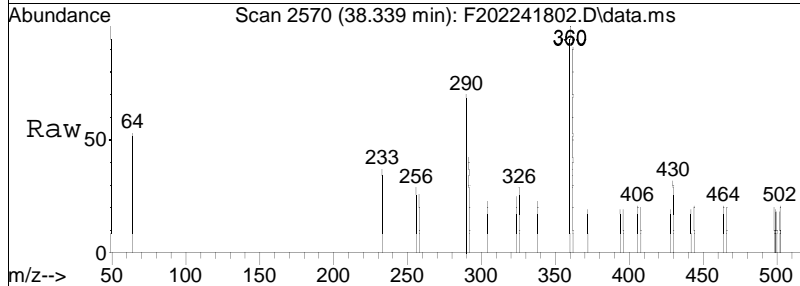
Tgt Ion	Resp	Lower	Upper
360	100		
362	72.3	65.8	98.8

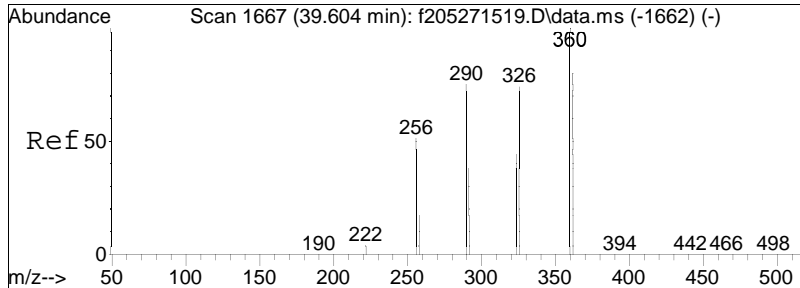




#145
 Cl6-BZ#146
 Concen: 0.37 ng/mL
 RT: 38.339 min Scan# 2570
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

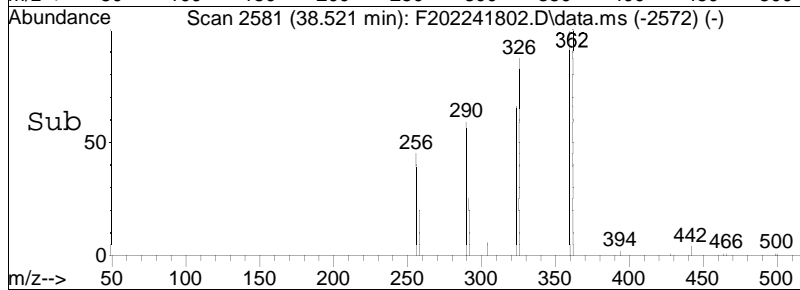
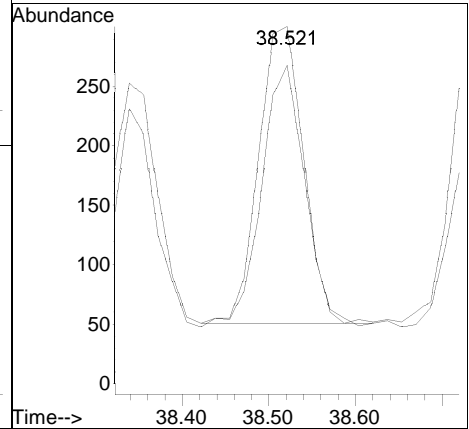
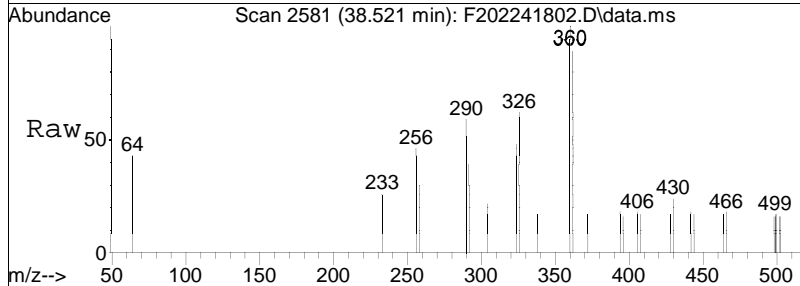
Tgt Ion	Resp	Lower	Upper
360	100		
362	81.5	63.4	95.0

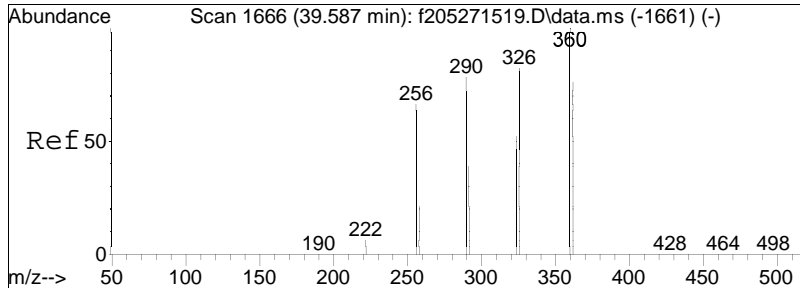




#146
 Cl6-BZ#161
 Concen: 0.35 ng/mL
 RT: 38.521 min Scan# 2581
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

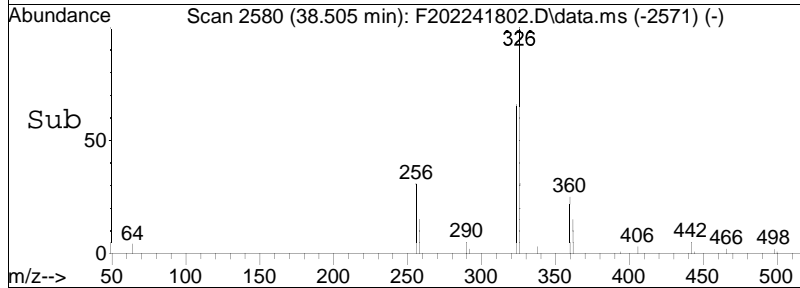
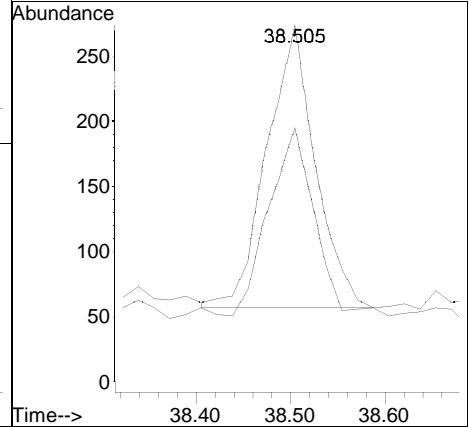
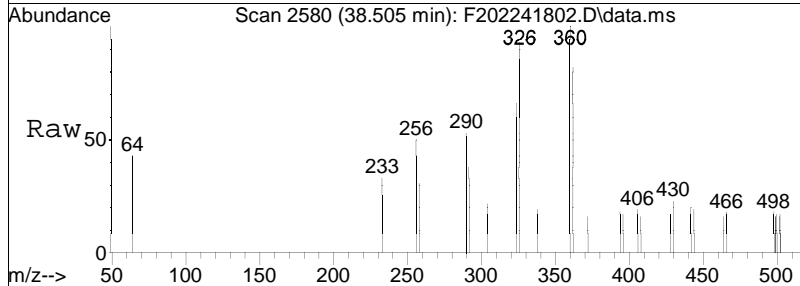
Tgt Ion:	360	Resp:	895
Ion Ratio	Lower	Upper	
360	100		
362	85.9	64.0	96.0

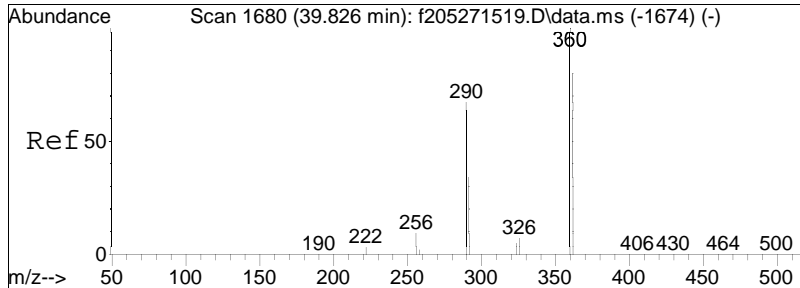




#147
 C15-BZ#122
 Concen: 0.35 ng/mL
 RT: 38.505 min Scan# 2580
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

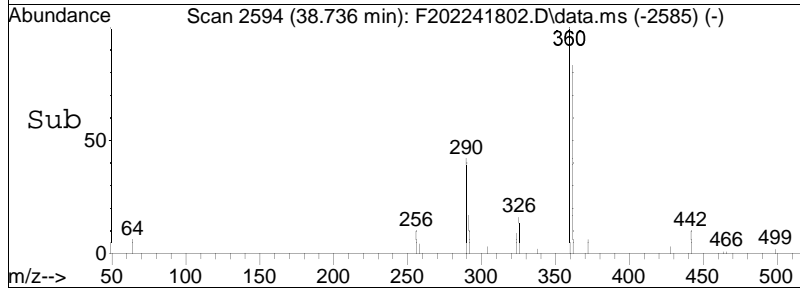
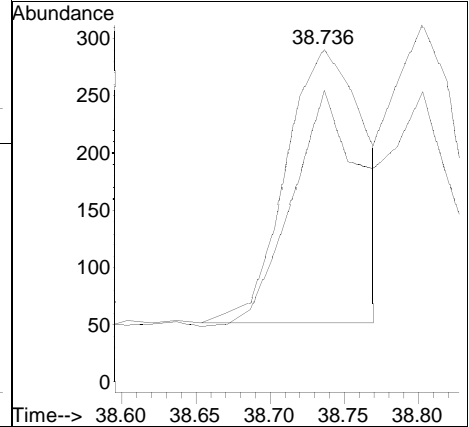
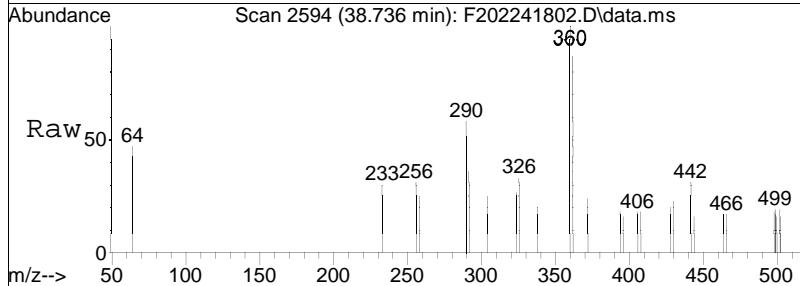
Tgt Ion: 326 Resp: 769
 Ion Ratio Lower Upper
 326 100
 324 62.7 50.1 75.1

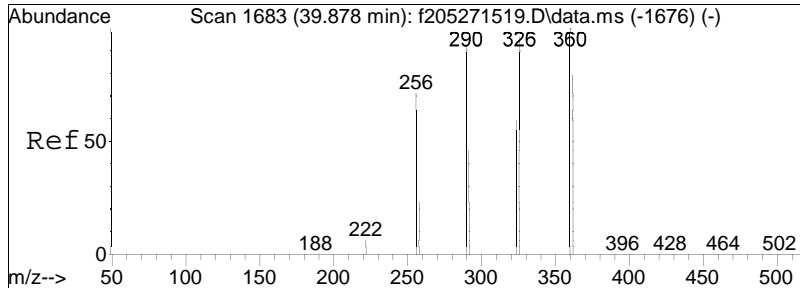




#148
 Cl6-BZ#168
 Concen: 0.38 ng/mL
 RT: 38.736 min Scan# 2594
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

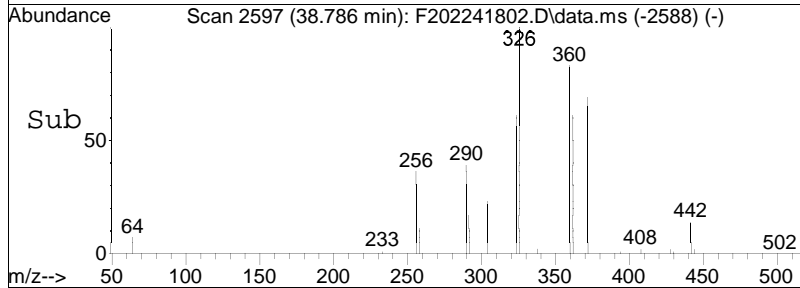
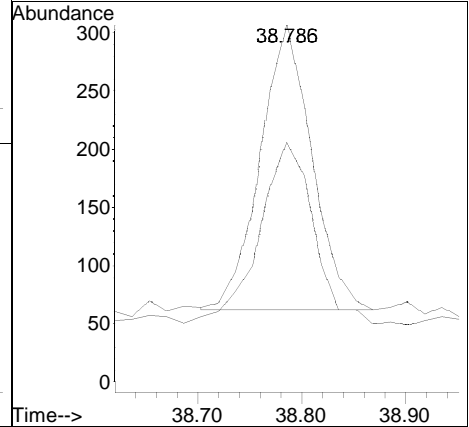
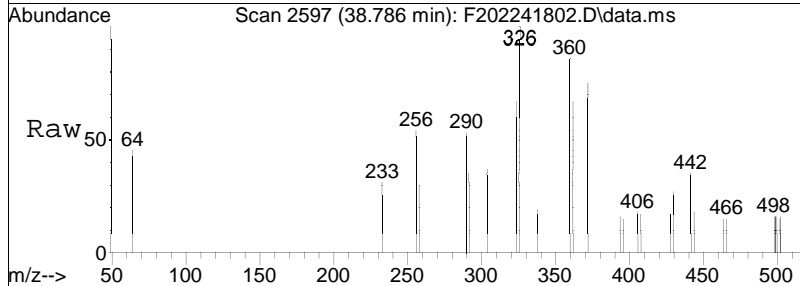
Tgt Ion: 360 Resp: 899
 Ion Ratio Lower Upper
 360 100
 362 77.4 64.2 96.4

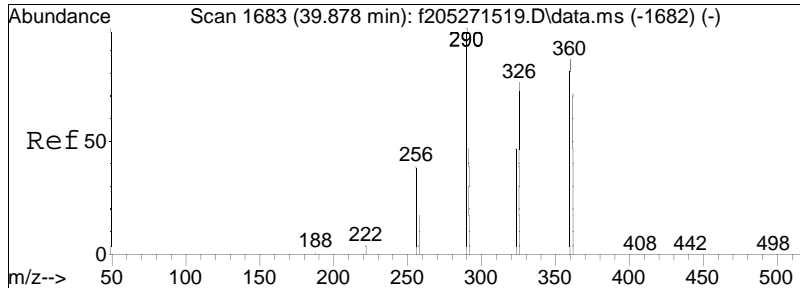




#149
 C15-BZ#114
 Concen: 0.34 ng/mL
 RT: 38.786 min Scan# 2597
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

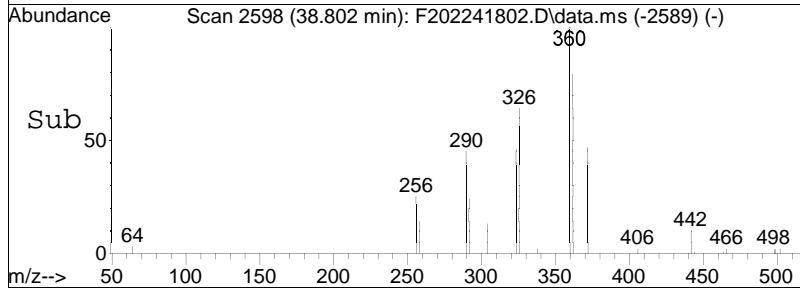
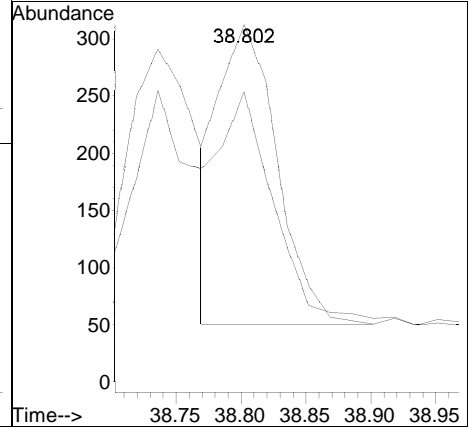
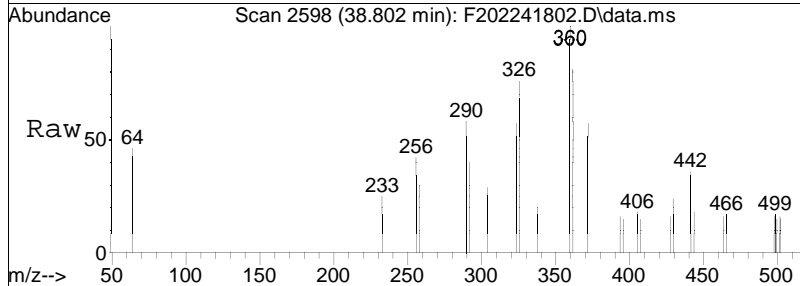
Tgt Ion: 326 Resp: 842
 Ion Ratio Lower Upper
 326 100
 324 67.1 50.4 75.6

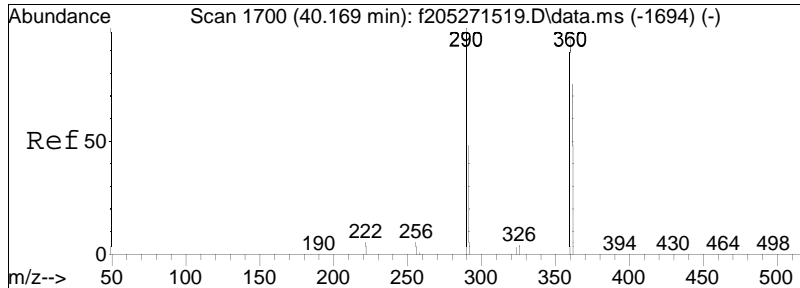




#150
 Cl6-BZ#153
 Concen: 0.37 ng/mL
 RT: 38.802 min Scan# 2598
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

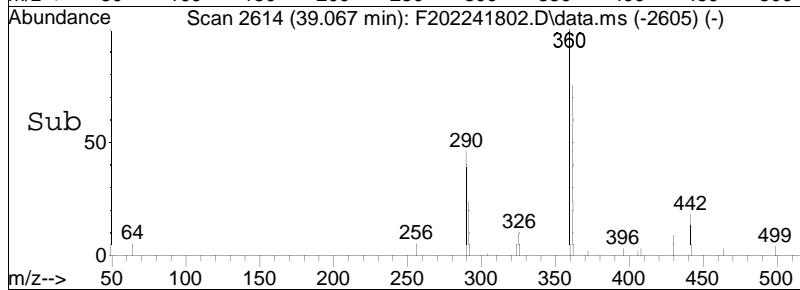
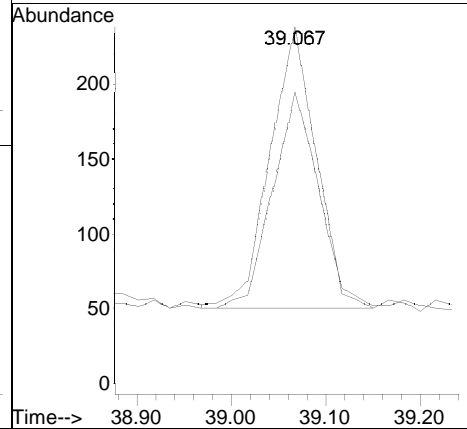
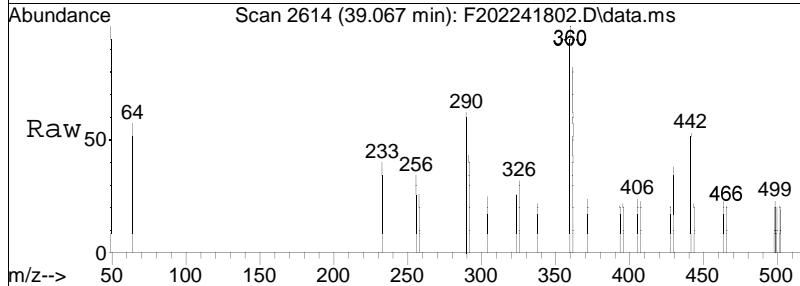
Tgt Ion: 360 Resp: 807
 Ion Ratio Lower Upper
 360 100
 362 68.0 63.0 94.6

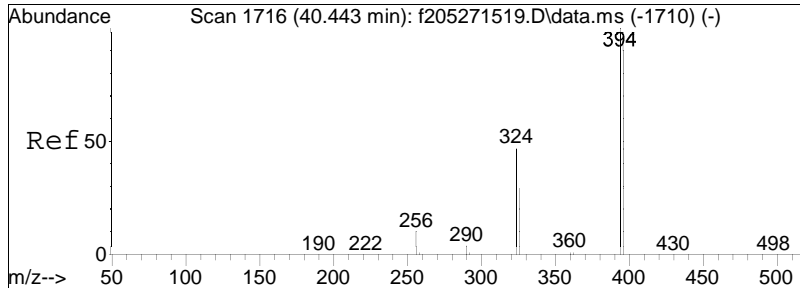




#152
 Cl6-BZ#132
 Concen: 0.36 ng/mL
 RT: 39.067 min Scan# 2614
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

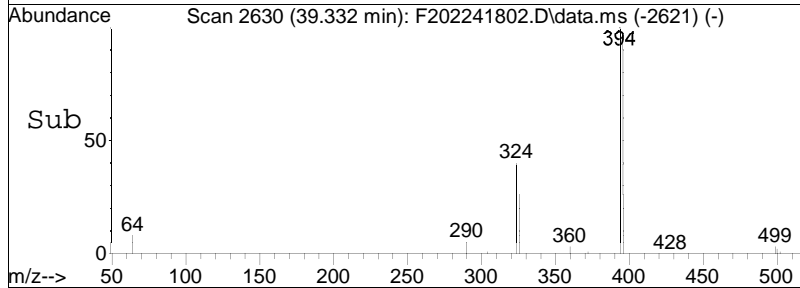
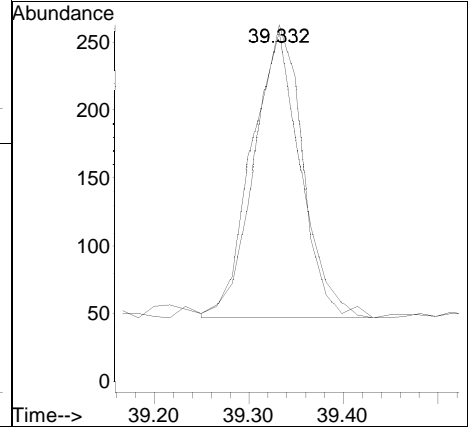
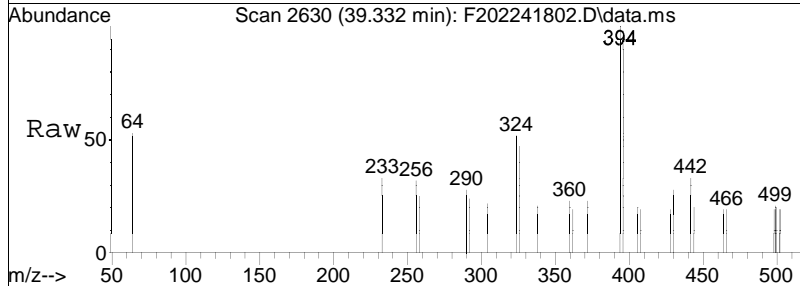
Tgt Ion: 360 Resp: 637
 Ion Ratio Lower Upper
 360 100
 362 77.2 65.2 97.8

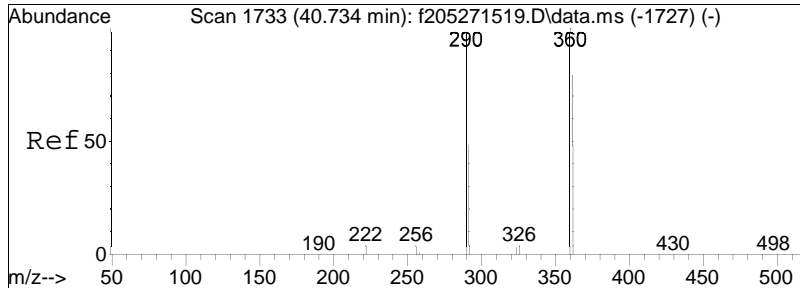




#153
 C17-BZ#179
 Concen: 0.37 ng/mL
 RT: 39.332 min Scan# 2630
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

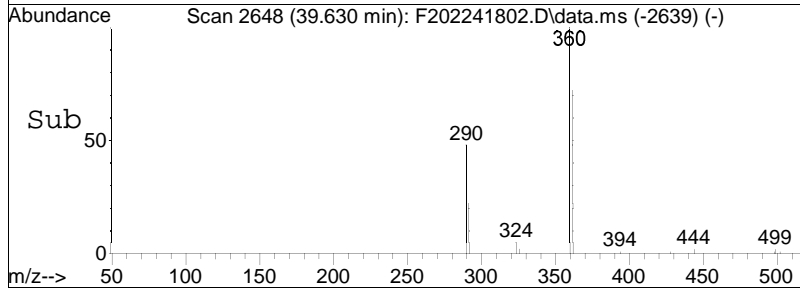
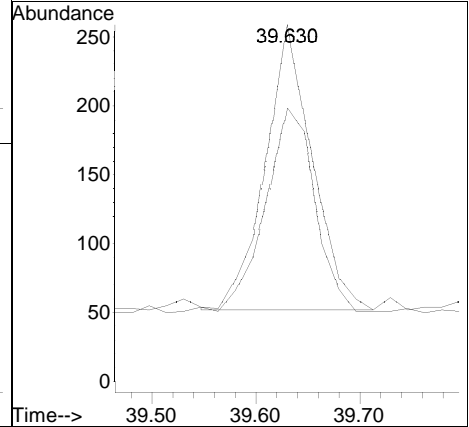
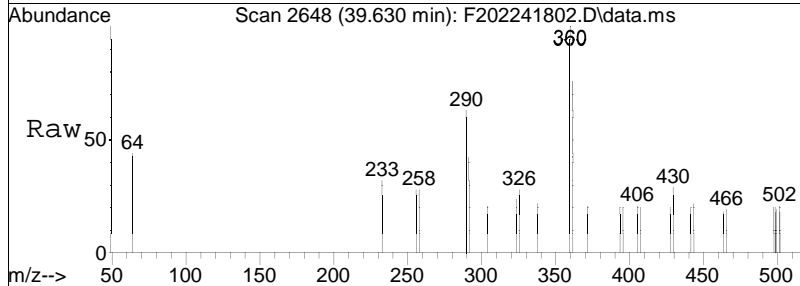
Tgt Ion: 394 Resp: 791
 Ion Ratio Lower Upper
 394 100
 396 92.3 76.2 114.4

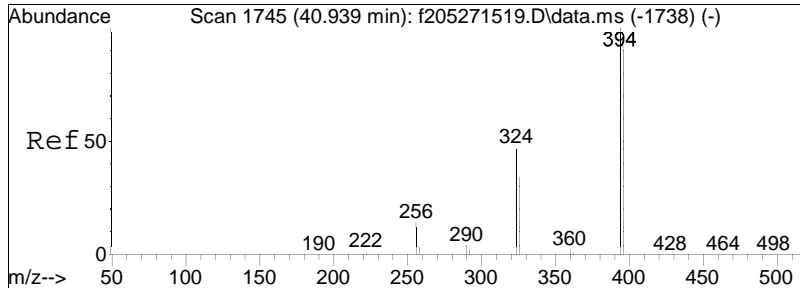




#154
 Cl6-BZ#141
 Concen: 0.41 ng/mL
 RT: 39.630 min Scan# 2648
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

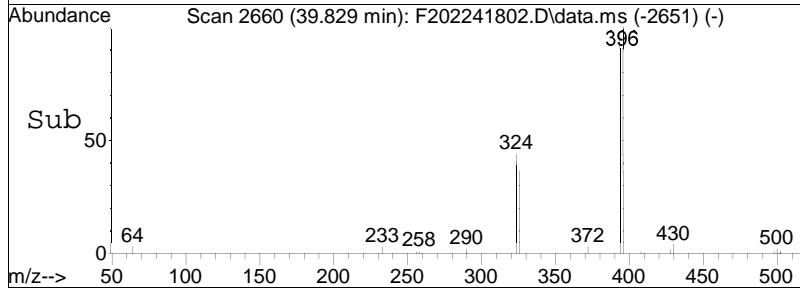
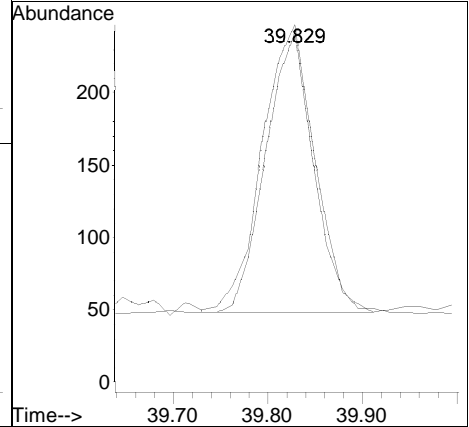
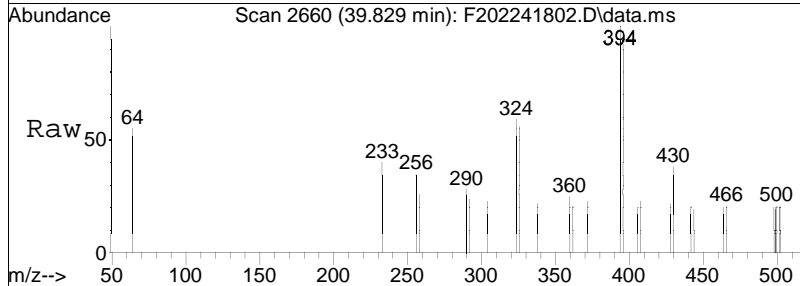
Tgt Ion:	360	Resp:	645
Ion Ratio	Lower	Upper	
360	100		
362	75.3	64.1	96.1

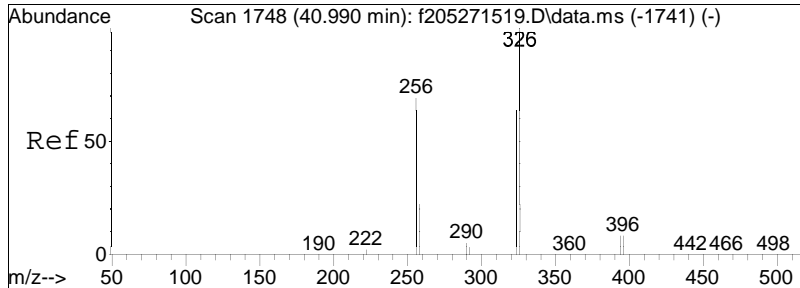




#155
 Cl7-BZ#176
 Concen: 0.38 ng/mL
 RT: 39.829 min Scan# 2660
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

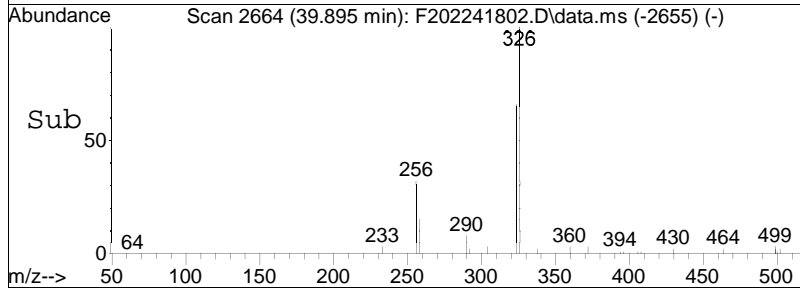
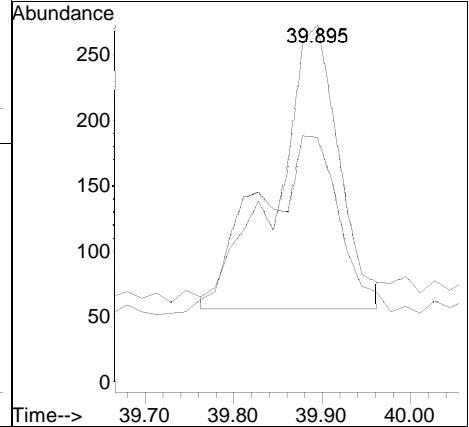
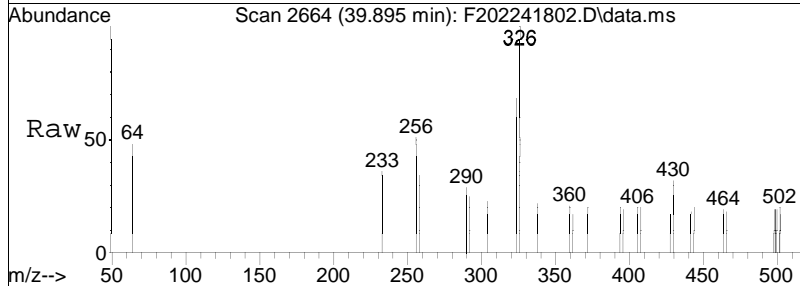
Tgt Ion: 394 Resp: 767
 Ion Ratio Lower Upper
 394 100
 396 88.8 77.4 116.0

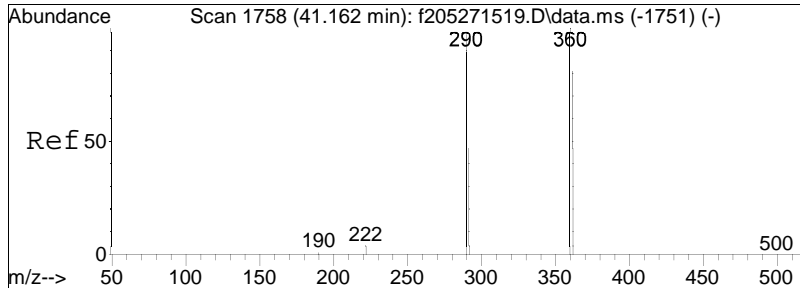




#156
 C15-BZ#105
 Concen: 0.38 ng/mL M4
 RT: 39.895 min Scan# 2664
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

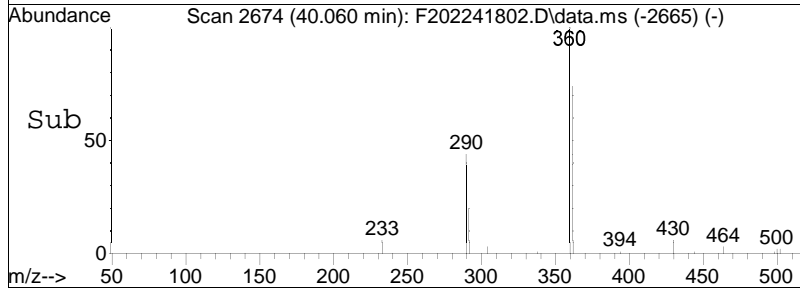
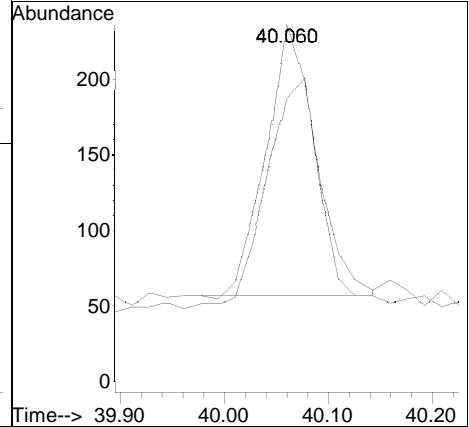
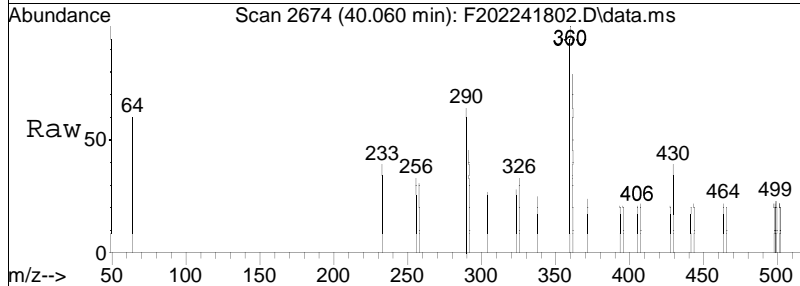
Tgt Ion:	326	Resp:	1062
Ion Ratio	Lower	Upper	
326	100		
324	72.8	49.0	73.4

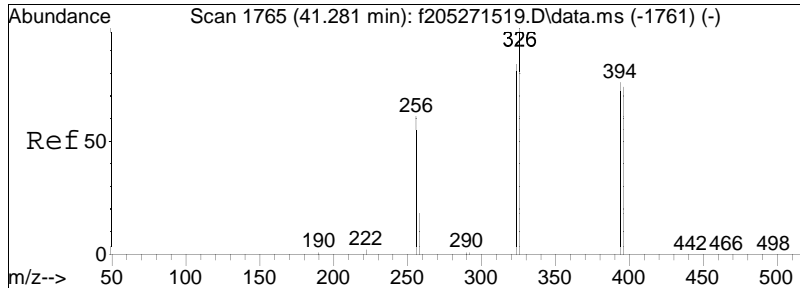




#157
 Cl6-BZ#137
 Concen: 0.34 ng/mL
 RT: 40.060 min Scan# 2674
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

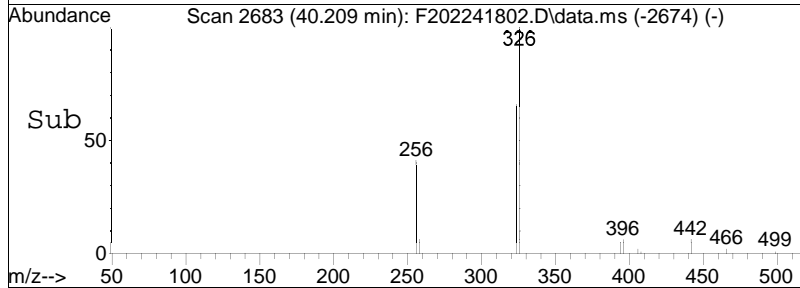
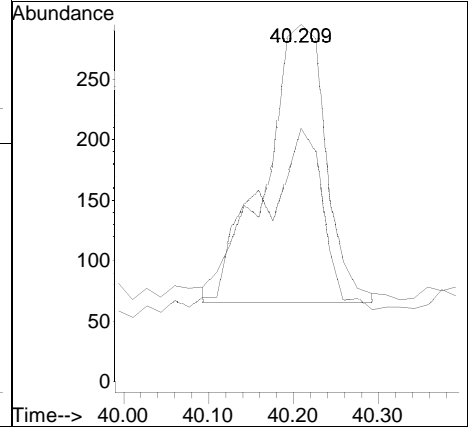
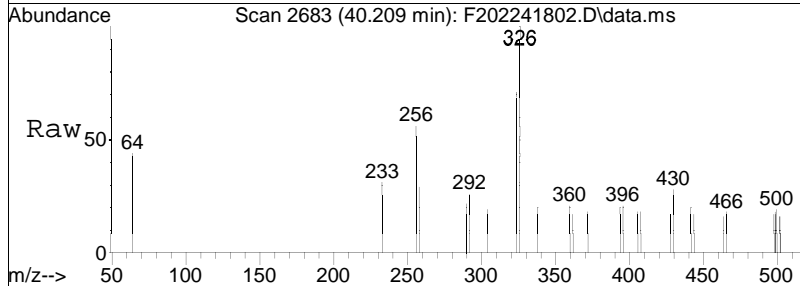
Tgt Ion: 360 Resp: 594
 Ion Ratio Lower Upper
 360 100
 362 94.1 65.7 98.5

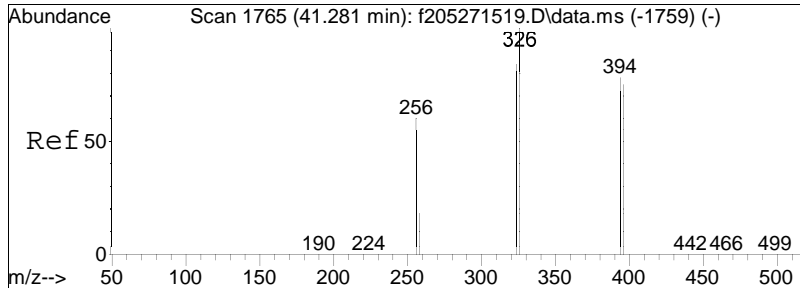




#158
 C15-BZ#127
 Concen: 0.37 ng/mL M4
 RT: 40.209 min Scan# 2683
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

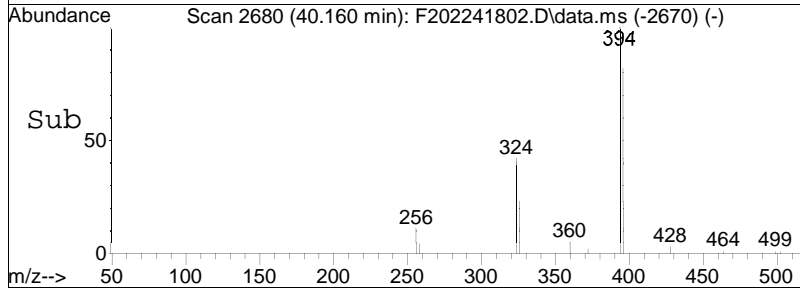
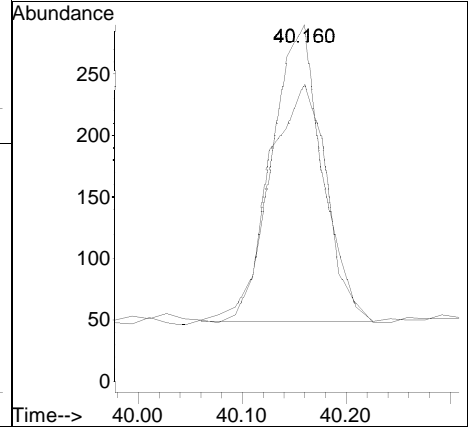
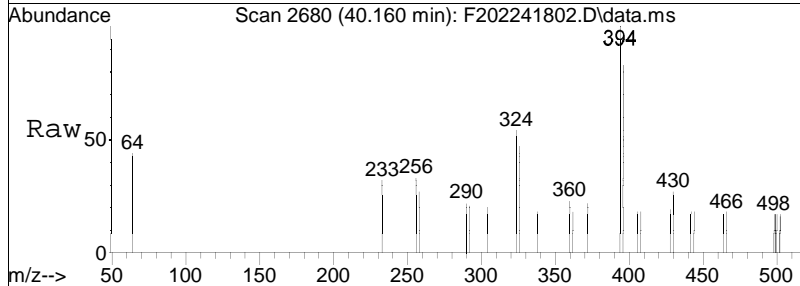
Tgt Ion: 326 Resp: 1146
 Ion Ratio Lower Upper
 326 100
 324 68.3 49.2 73.8

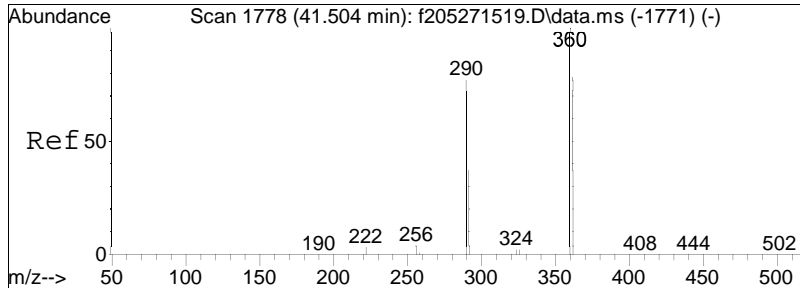




#159
 Cl7-BZ#186
 Concen: 0.34 ng/mL
 RT: 40.160 min Scan# 2680
 Delta R.T. 0.017 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

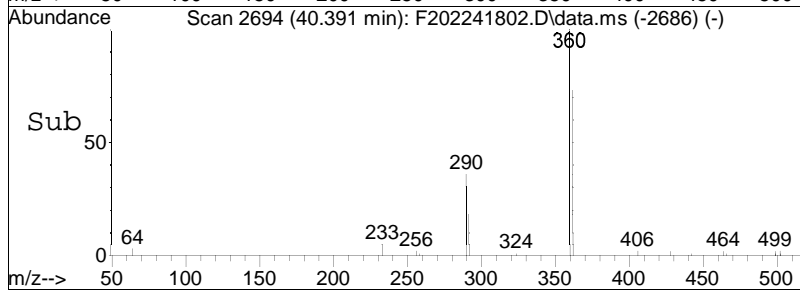
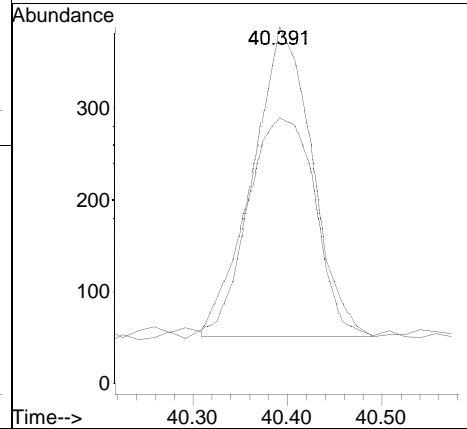
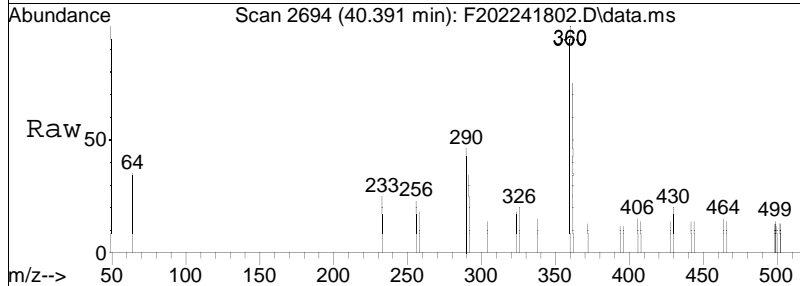
Tgt Ion: 394 Resp: 811
 Ion Ratio Lower Upper
 394 100
 396 93.7 76.7 115.1

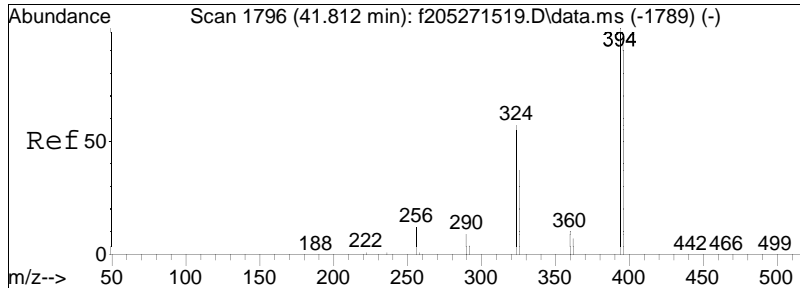




#160
 Cl6-BZ#130/#164
 Concen: 0.74 ng/mL
 RT: 40.391 min Scan# 2694
 Delta R.T. -0.016 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

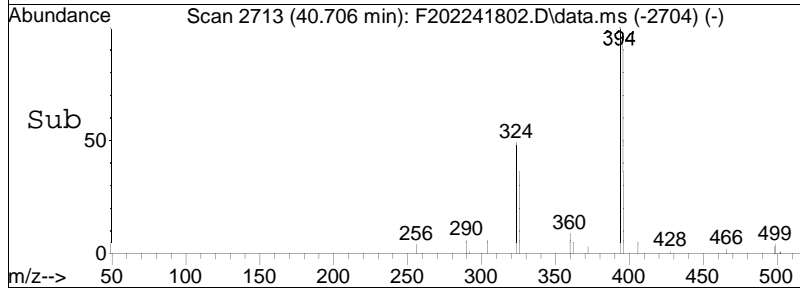
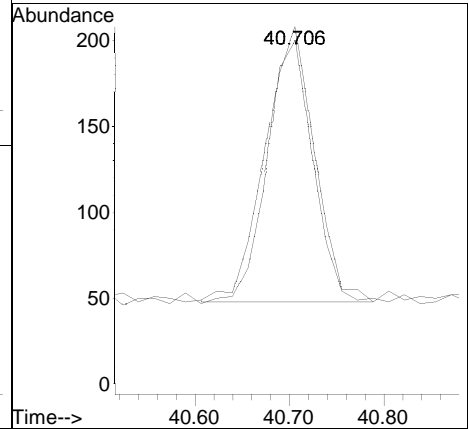
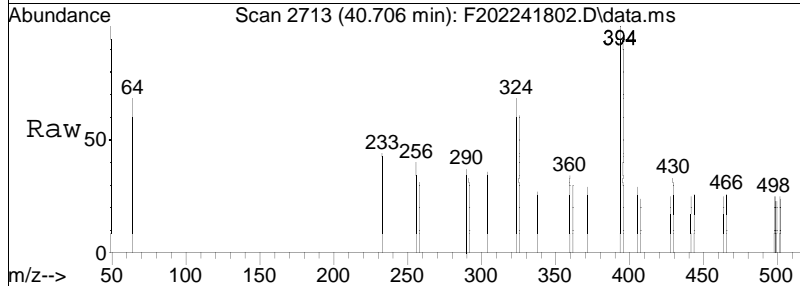
Tgt Ion	Resp	Lower	Upper
360	100		
362	78.5	65.6	98.4

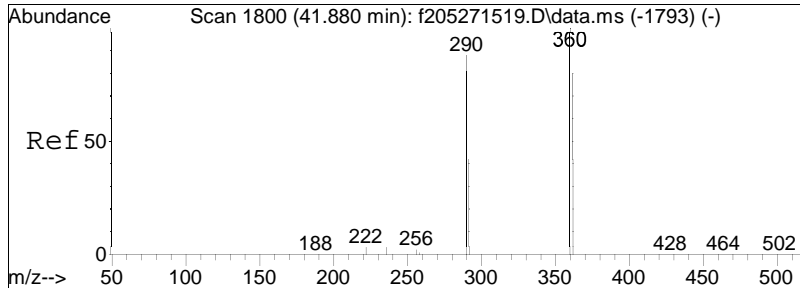




#161
 C17-BZ#178
 Concen: 0.38 ng/mL
 RT: 40.706 min Scan# 2713
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

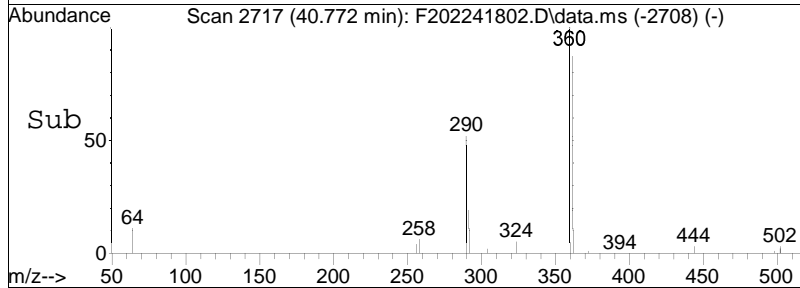
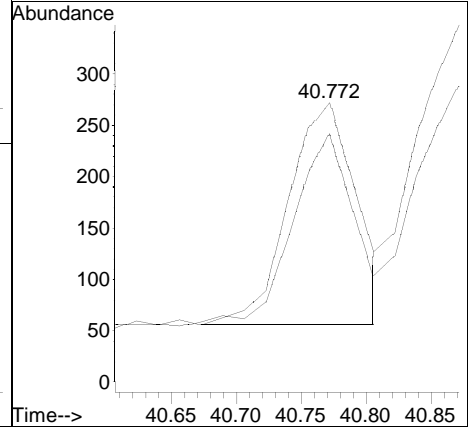
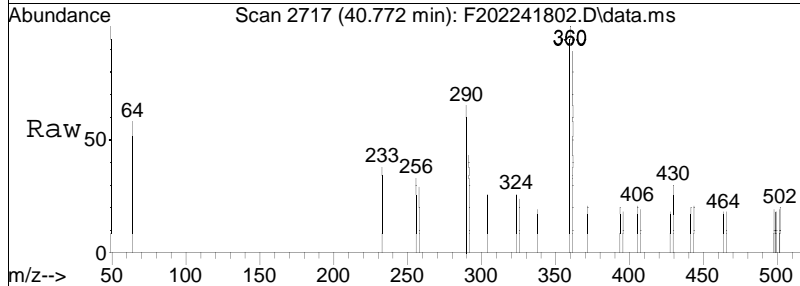
Tgt Ion: 394 Resp: 578
 Ion Ratio Lower Upper
 394 100
 396 90.1 78.0 117.0

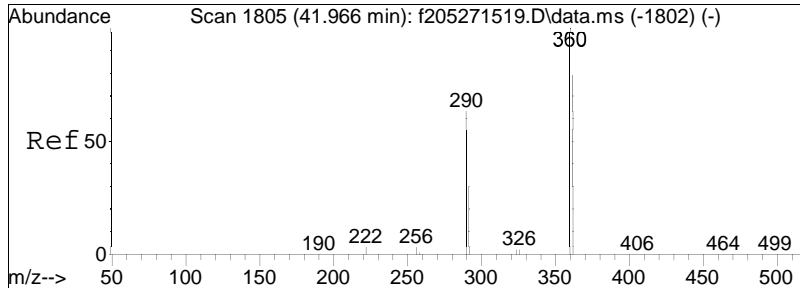




#162
 Cl6-BZ#138
 Concen: 0.37 ng/mL
 RT: 40.772 min Scan# 2717
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

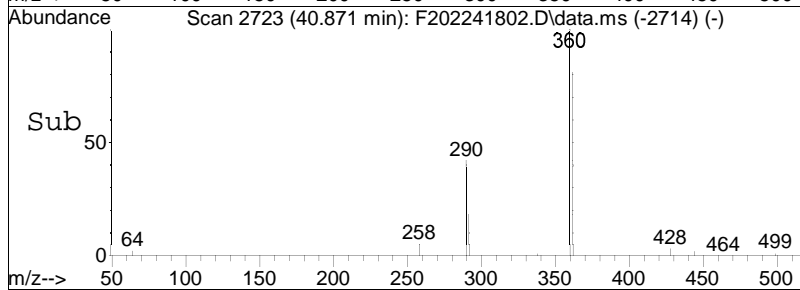
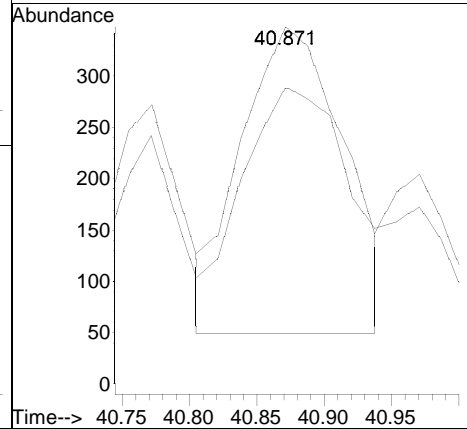
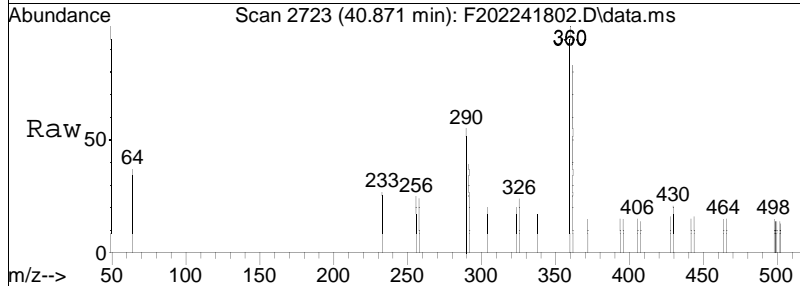
Tgt Ion:	360	Resp:	787
Ion Ratio	Lower	Upper	
360	100		
362	74.7	65.3	97.9

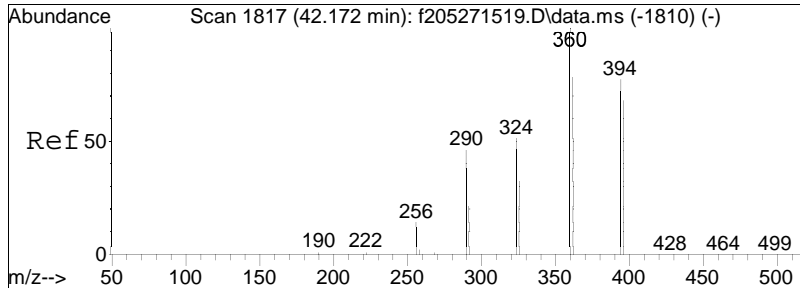




#163
 Cl6-BZ#163/#160
 Concen: 0.69 ng/mL M4
 RT: 40.871 min Scan# 2723
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

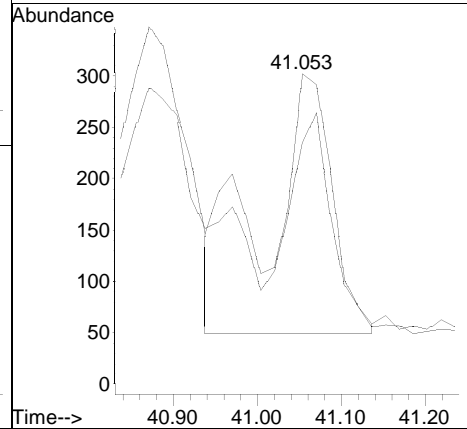
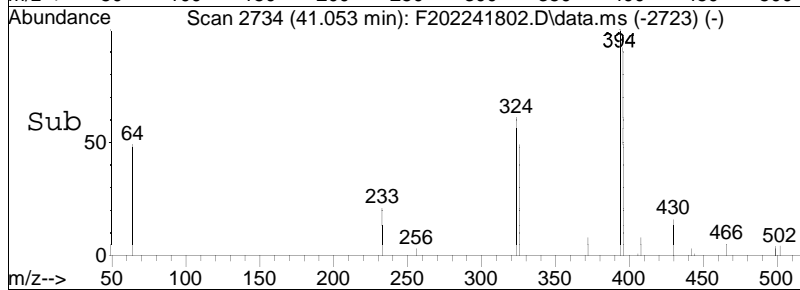
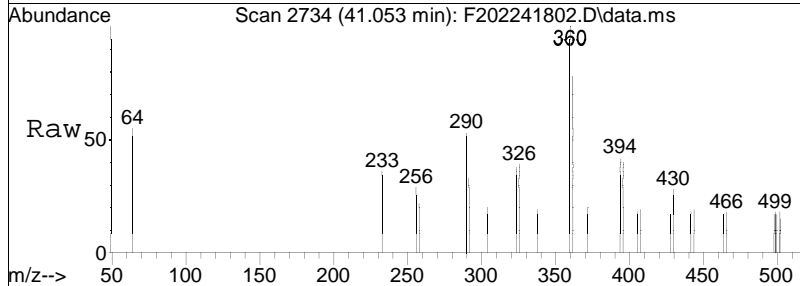
Tgt Ion: 360 Resp: 1591
 Ion Ratio Lower Upper
 360 100
 362 59.6 64.6 96.8#

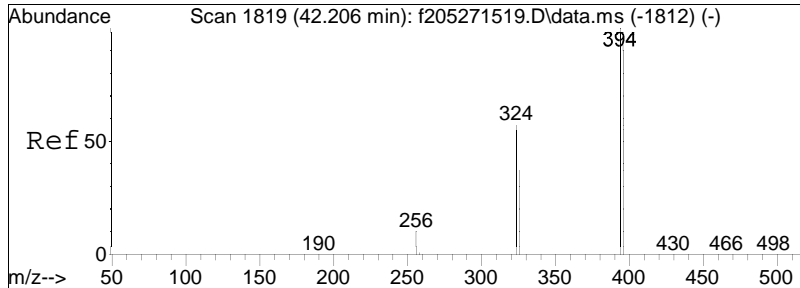




#164
 Cl6-BZ#129/#158
 Concen: 0.68 ng/mL M1
 RT: 41.053 min Scan# 2734
 Delta R.T. -0.016 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

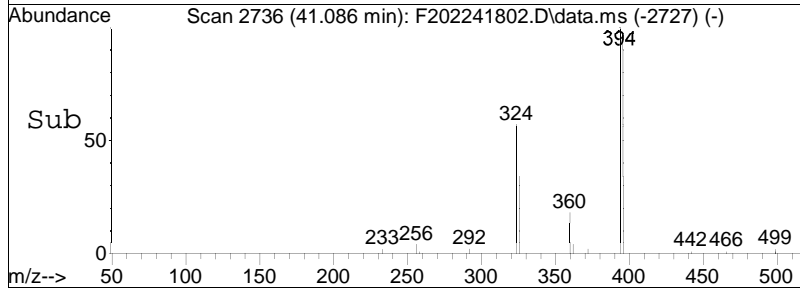
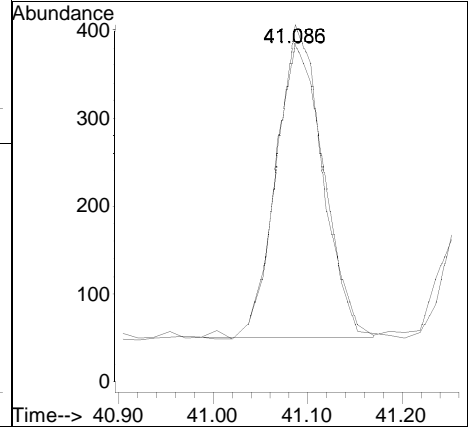
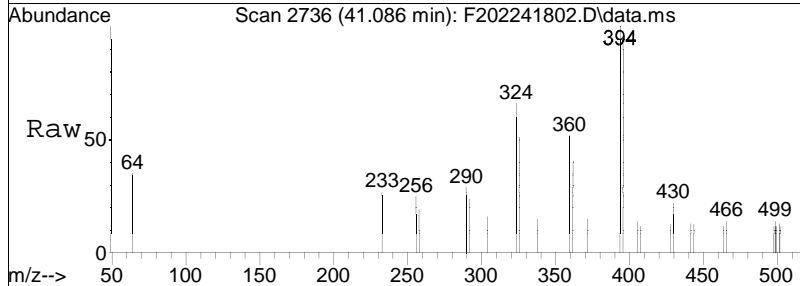
Tgt Ion: 360 Resp: 1391
 Ion Ratio Lower Upper
 360 100
 362 51.0 64.0 96.0#

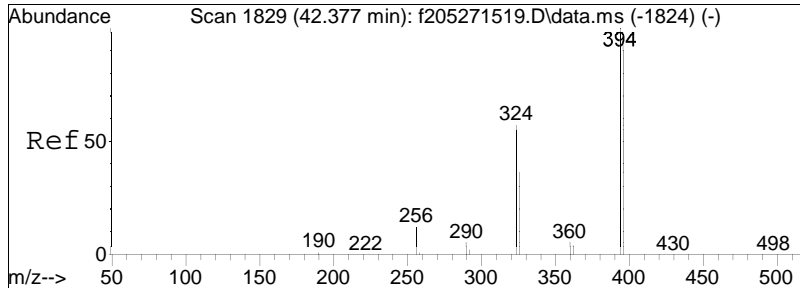




#165
 C17-BZ#182/#175
 Concen: 0.65 ng/mL
 RT: 41.086 min Scan# 2736
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

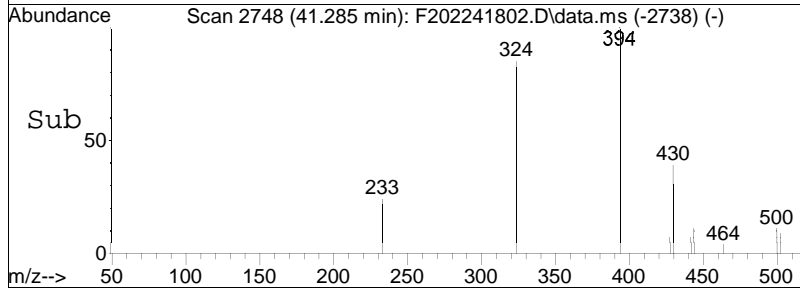
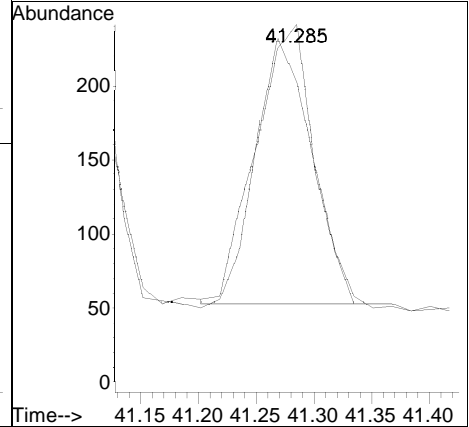
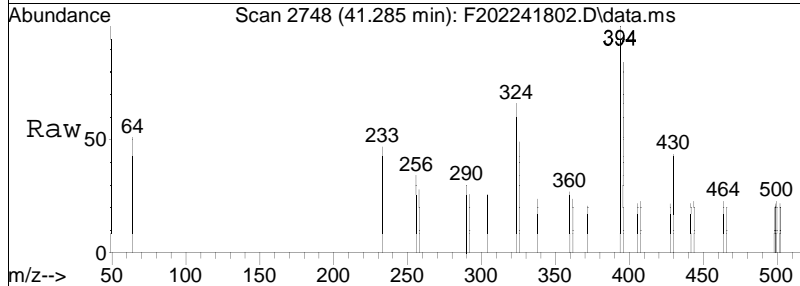
Tgt Ion: 394 Resp: 1197
 Ion Ratio Lower Upper
 394 100
 396 99.2 76.9 115.3

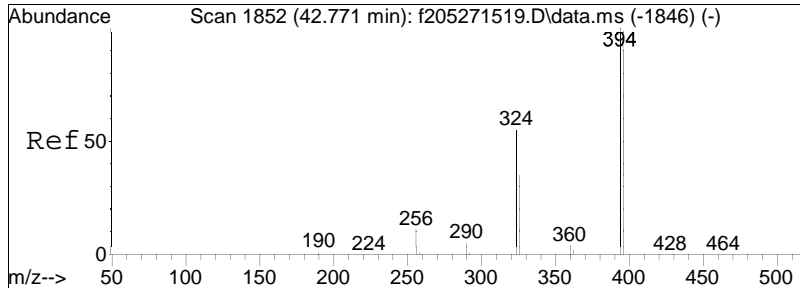




#166
 C17-BZ#187
 Concen: 0.36 ng/mL
 RT: 41.285 min Scan# 2748
 Delta R.T. 0.017 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

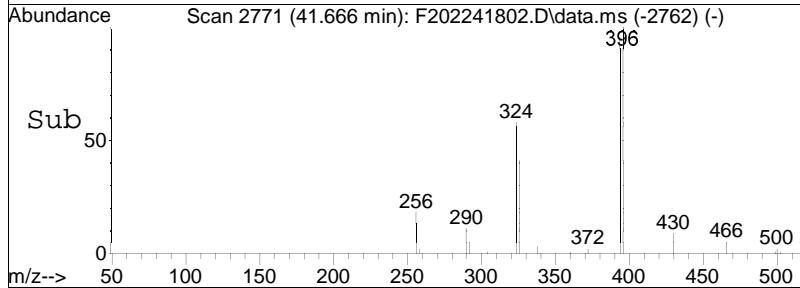
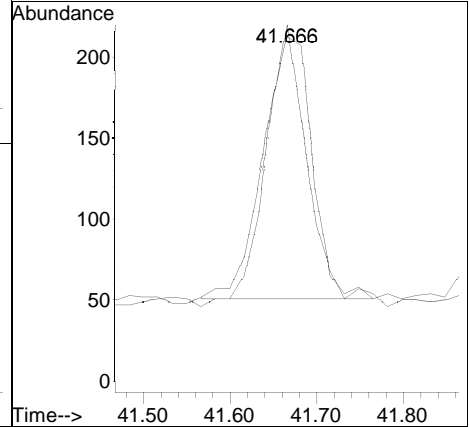
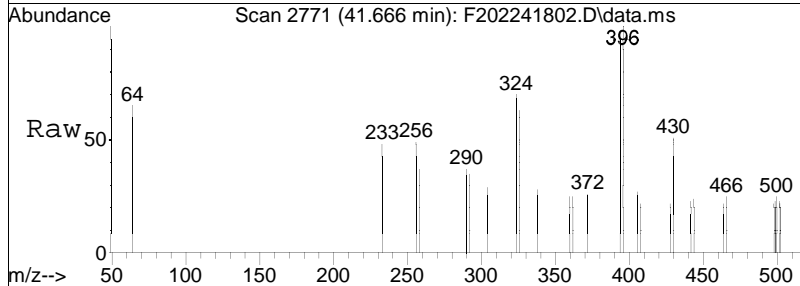
Tgt Ion	Resp	Lower	Upper
394	100		
396	96.5	73.7	110.5

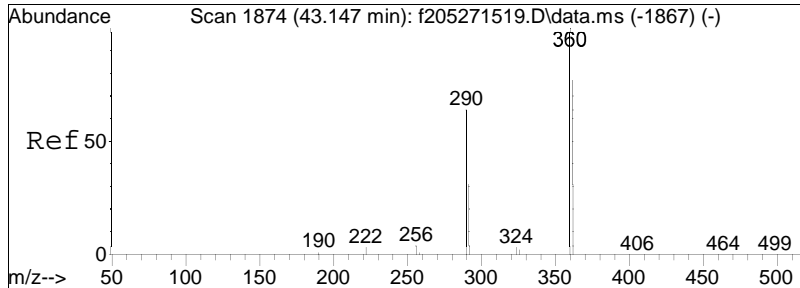




#167
 Cl7-BZ#183
 Concen: 0.41 ng/mL
 RT: 41.666 min Scan# 2771
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

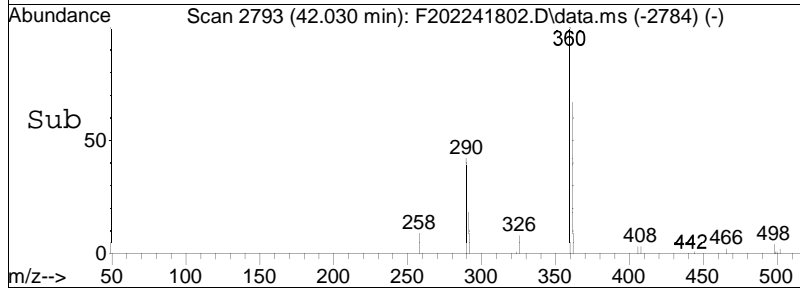
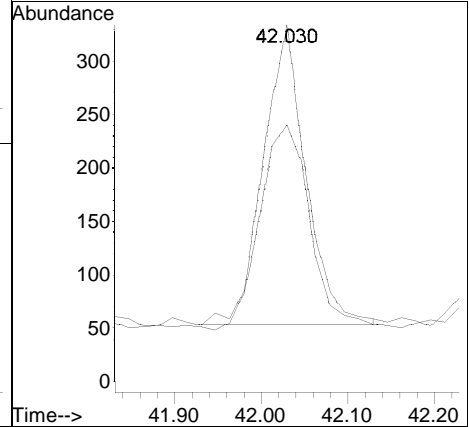
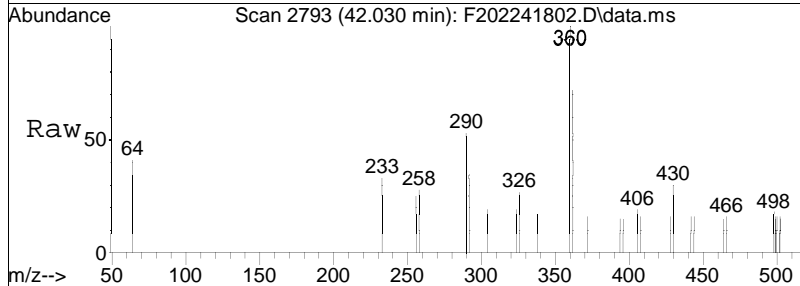
Tgt Ion: 394 Resp: 634
 Ion Ratio Lower Upper
 394 100
 396 93.8 76.2 114.2

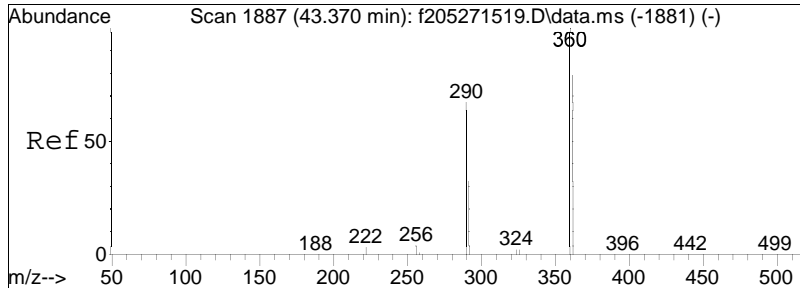




#168
 Cl6-BZ#166
 Concen: 0.39 ng/mL
 RT: 42.030 min Scan# 2793
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

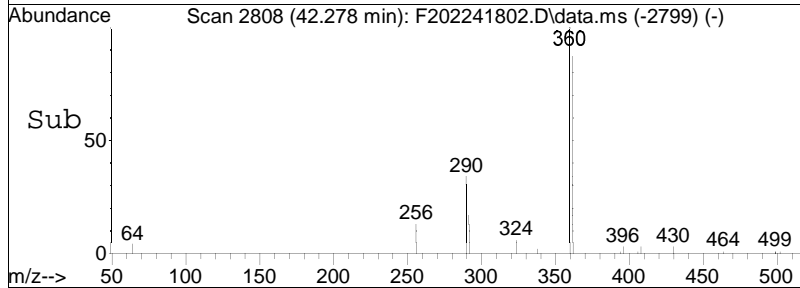
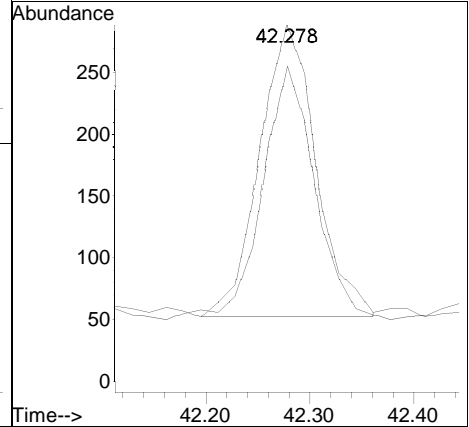
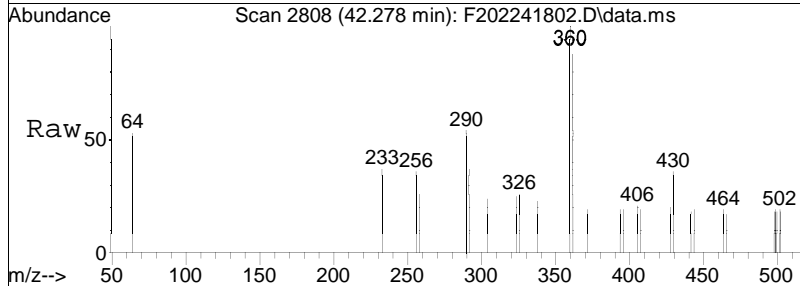
Tgt Ion:	360	Resp:	962
Ion Ratio	Lower	Upper	
360	100		
362	81.0	65.8	98.6

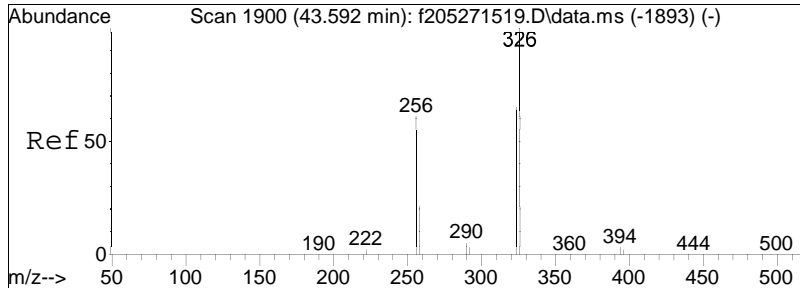




#169
 Cl6-BZ#159
 Concen: 0.38 ng/mL
 RT: 42.278 min Scan# 2808
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

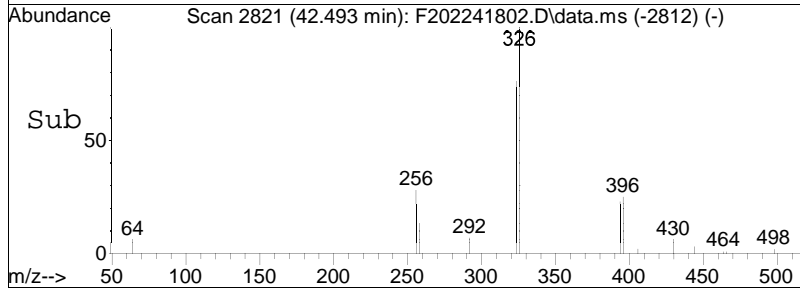
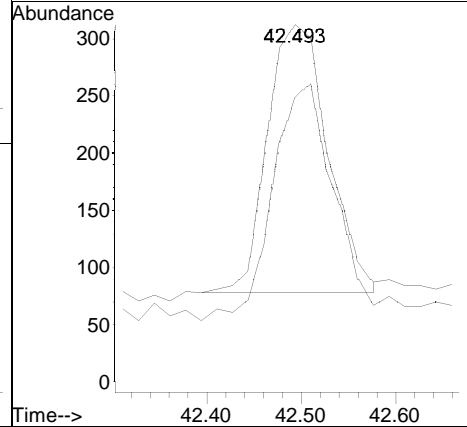
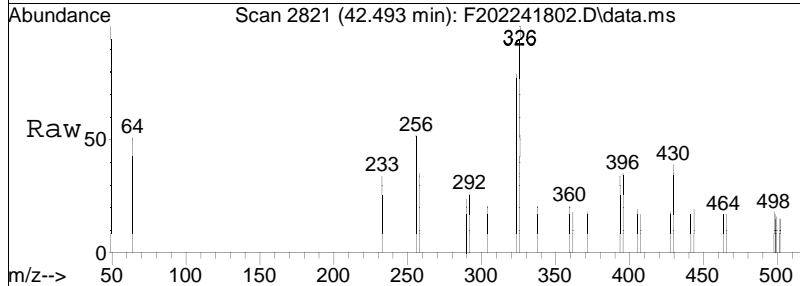
Tgt Ion: 360 Resp: 898
 Ion Ratio Lower Upper
 360 100
 362 80.2 65.0 97.6

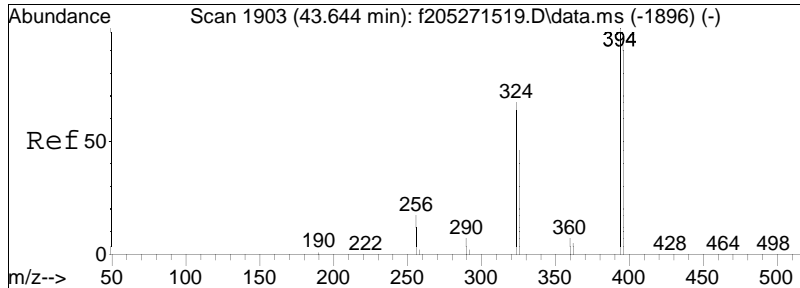




#170
 C15-BZ#126-RTW
 Concen: 0.35 ng/mL
 RT: 42.493 min Scan# 2821
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

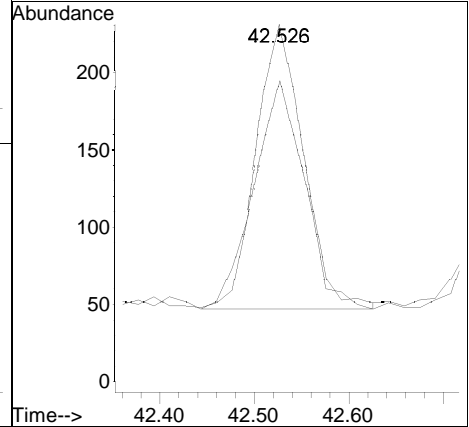
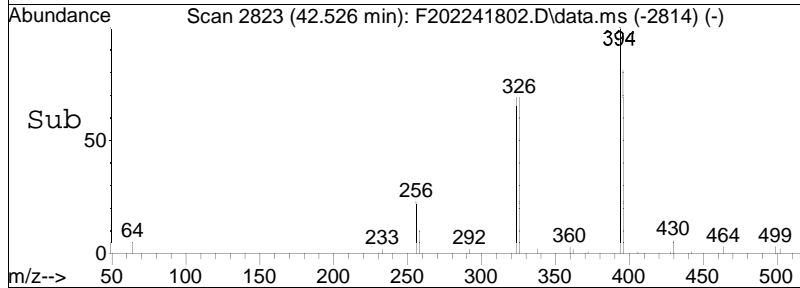
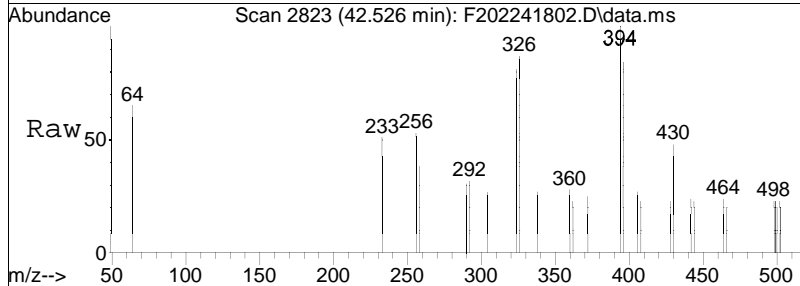
Tgt Ion: 326 Resp: 1042
 Ion Ratio Lower Upper
 326 100
 324 88.9 56.5 84.7#

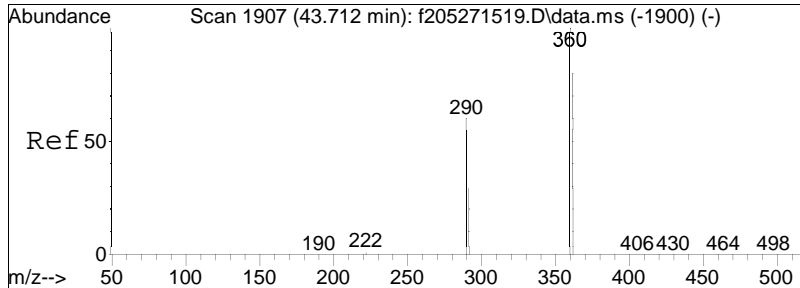




#171
 Cl7-BZ#185
 Concen: 0.42 ng/mL
 RT: 42.526 min Scan# 2823
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

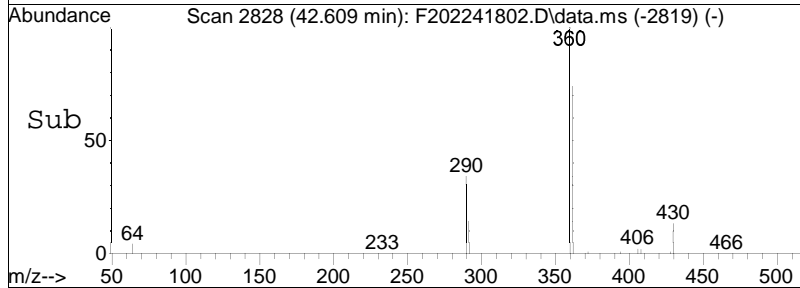
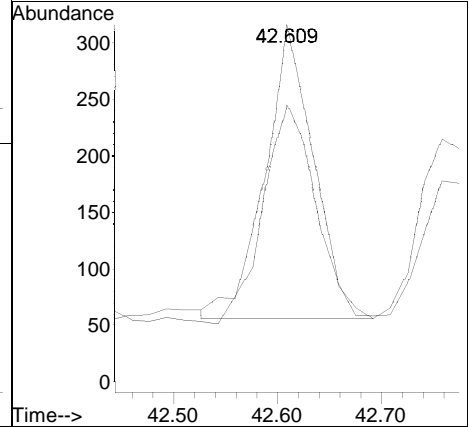
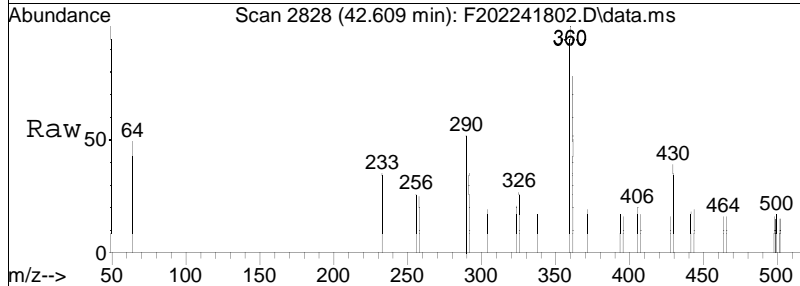
Tgt Ion: 394 Resp: 659
 Ion Ratio Lower Upper
 394 100
 396 80.9 75.9 113.9

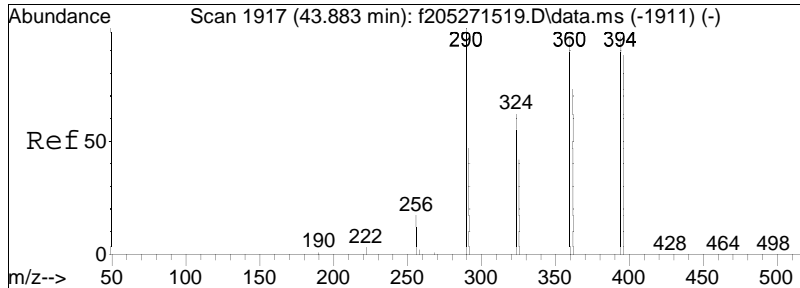




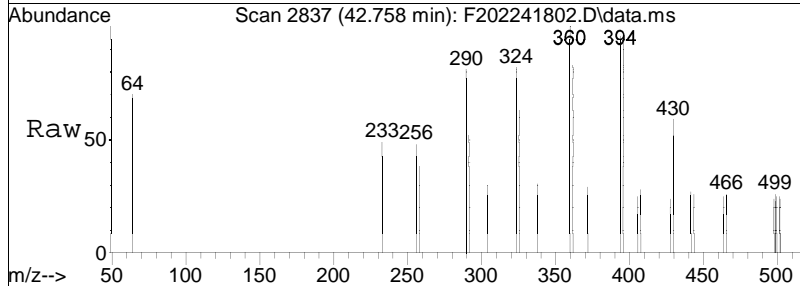
#172
 Cl6-BZ#162
 Concen: 0.37 ng/mL
 RT: 42.609 min Scan# 2828
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

Tgt Ion	Resp	Lower	Upper
360	100		
362	79.2	62.8	94.2

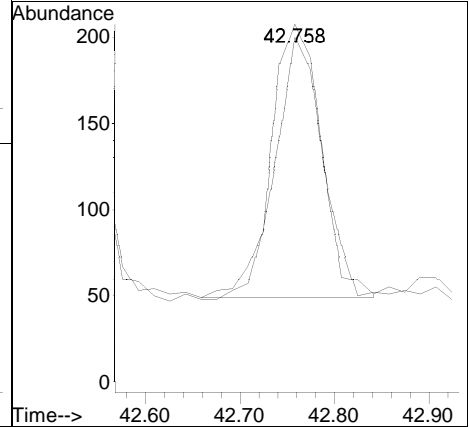
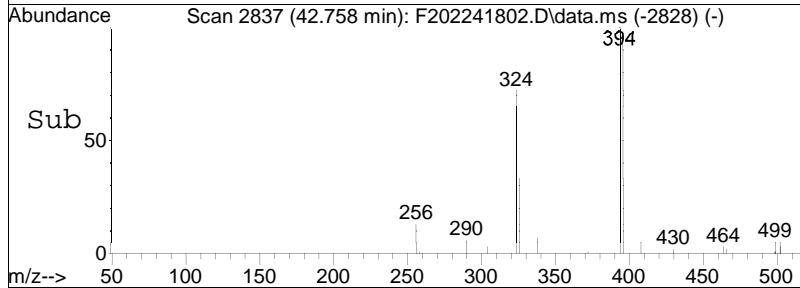


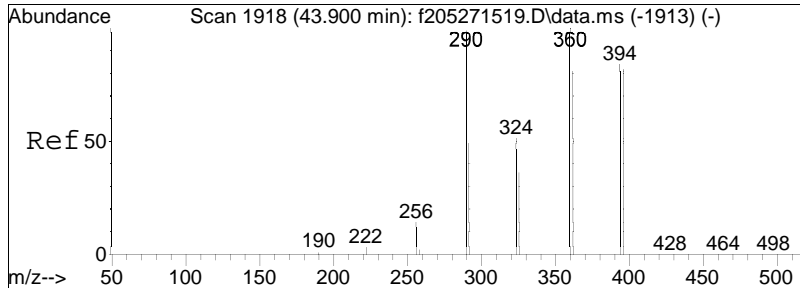


#173
 Cl7-BZ#174
 Concen: 0.36 ng/mL
 RT: 42.758 min Scan# 2837
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am



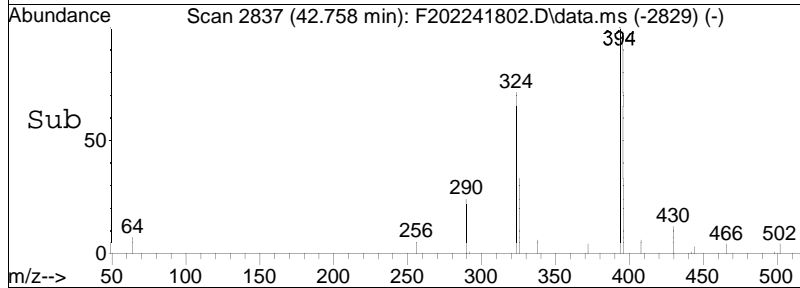
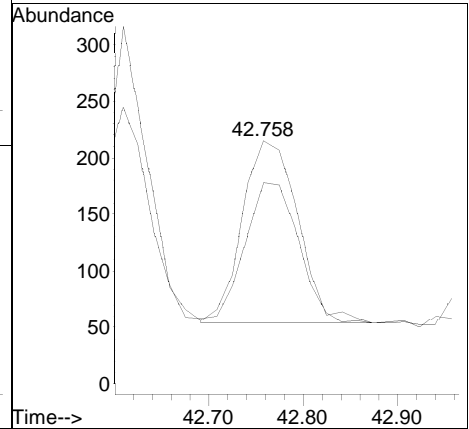
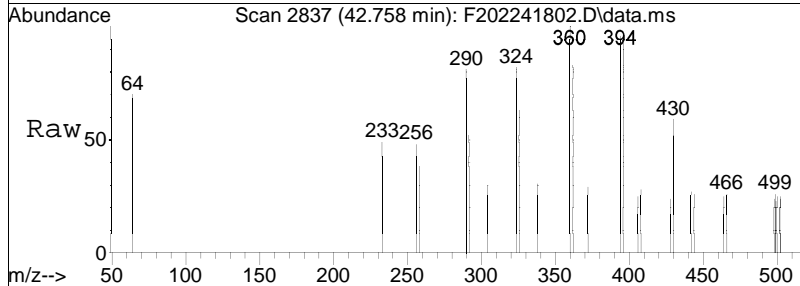
Tgt Ion: 394 Resp: 585
 Ion Ratio Lower Upper
 394 100
 396 91.1 77.1 115.7

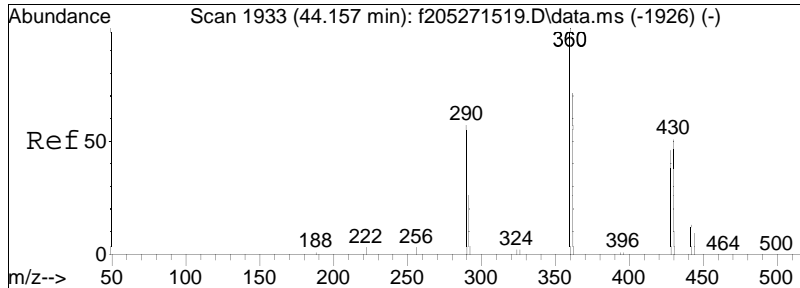




#174
 Cl6-BZ#128
 Concen: 0.37 ng/mL
 RT: 42.758 min Scan# 2837
 Delta R.T. -0.016 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

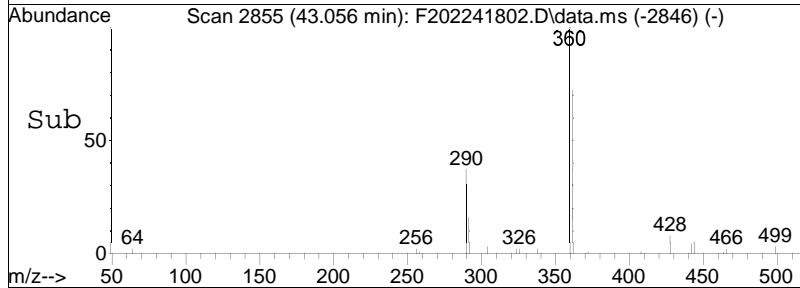
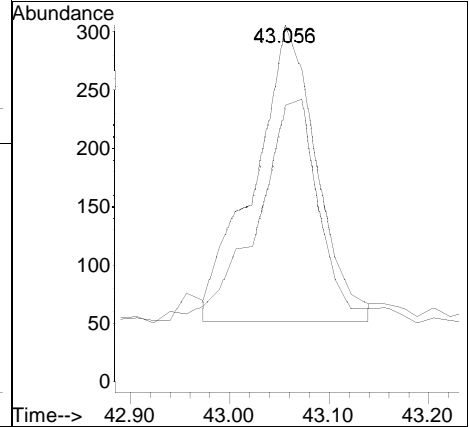
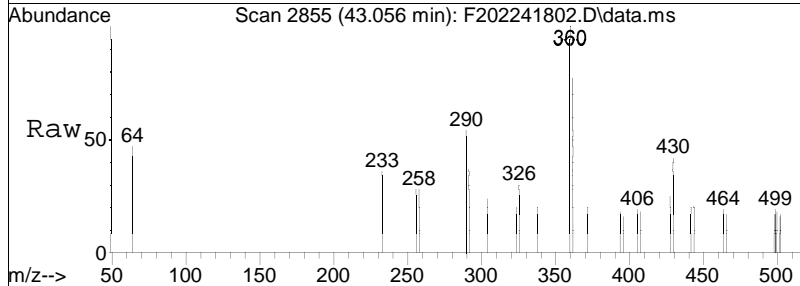
Tgt Ion: 360 Resp: 661
 Ion Ratio Lower Upper
 360 100
 362 74.4 64.4 96.6

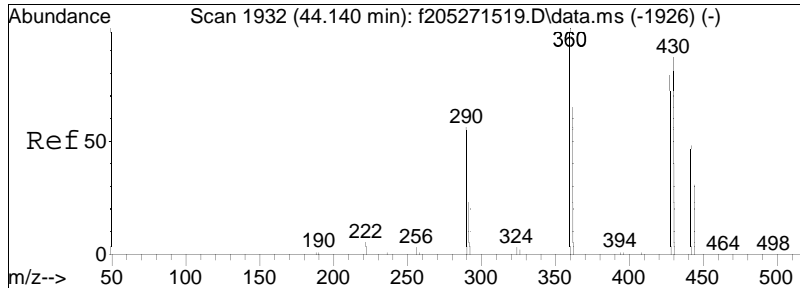




#175
 Cl6-BZ#167
 Concen: 0.37 ng/mL M4
 RT: 43.056 min Scan# 2855
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

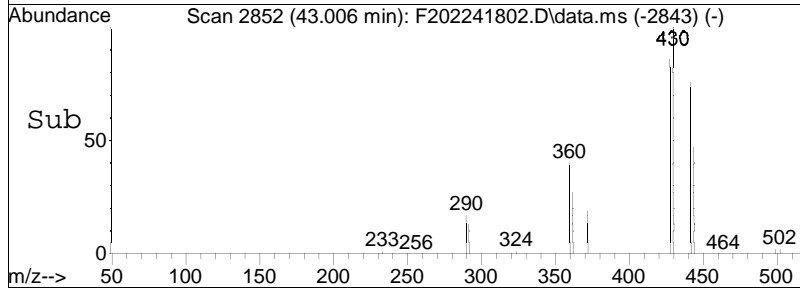
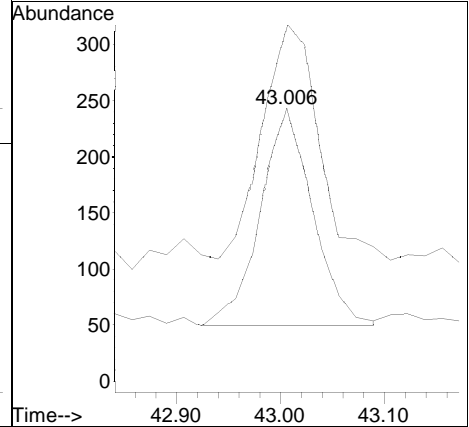
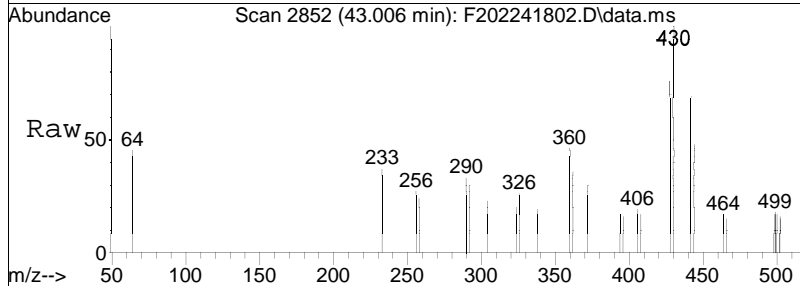
Tgt Ion: 360 Resp: 1106
 Ion Ratio Lower Upper
 360 100
 362 66.8 63.0 94.4

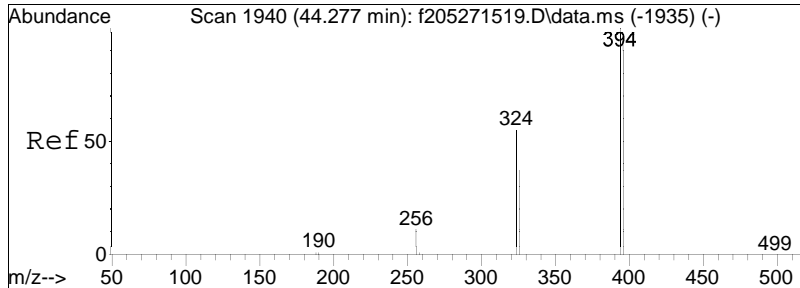




#176
 Cl8-BZ#202-RTW
 Concen: 0.38 ng/mL
 RT: 43.006 min Scan# 2852
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

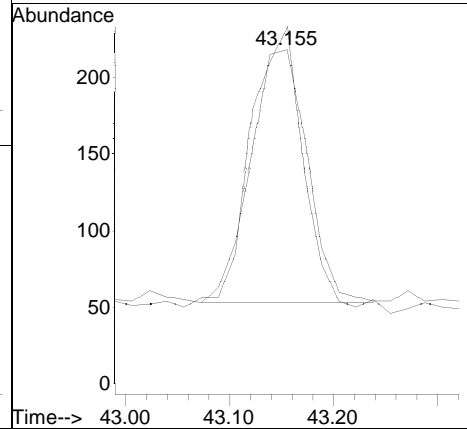
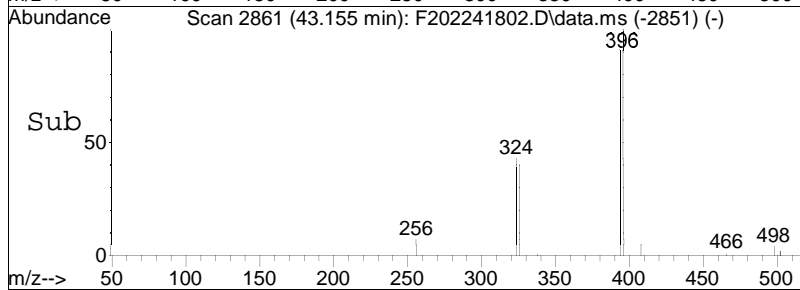
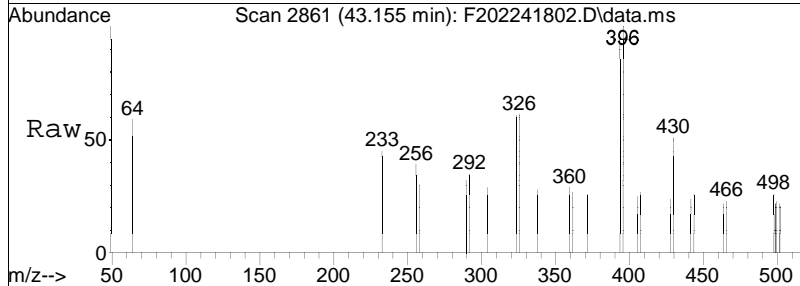
Tgt Ion: 428 Resp: 686
 Ion Ratio Lower Upper
 428 100
 430 114.3 89.4 134.2

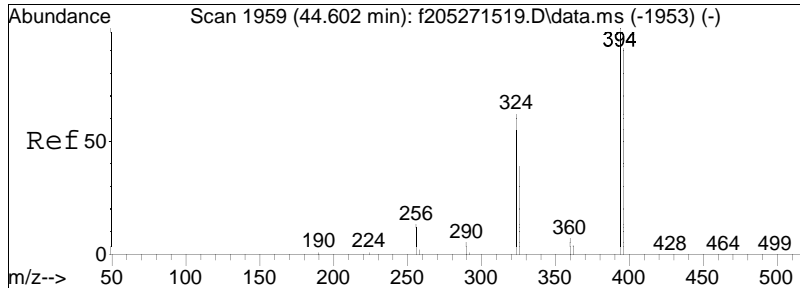




#178
 C17-BZ#181
 Concen: 0.35 ng/mL
 RT: 43.155 min Scan# 2861
 Delta R.T. 0.017 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

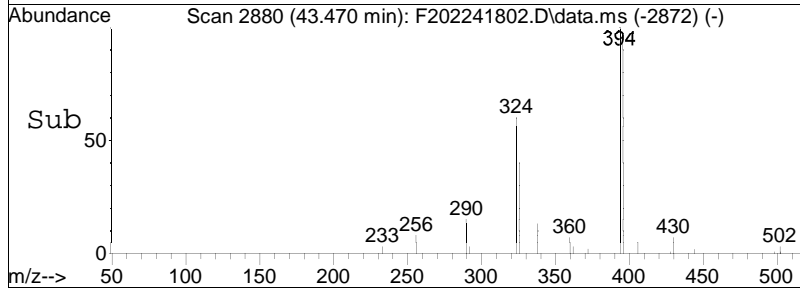
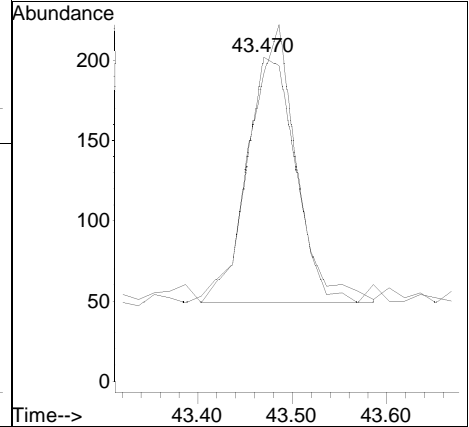
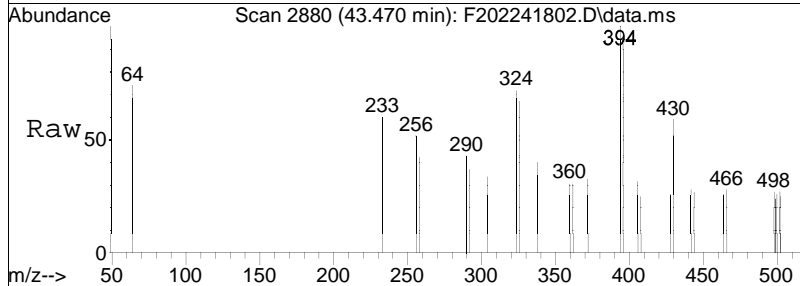
Tgt Ion	Resp	Lower	Upper
394	100		
396	101.6	75.3	112.9

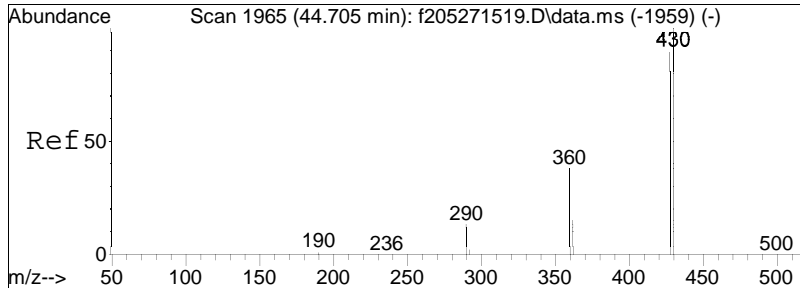




#179
 Cl7-BZ#177
 Concen: 0.38 ng/mL
 RT: 43.470 min Scan# 2880
 Delta R.T. -0.016 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

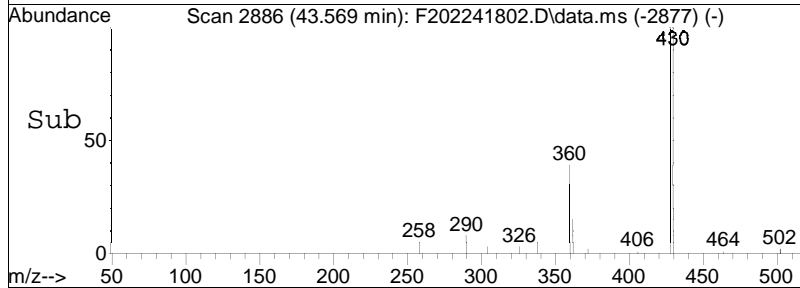
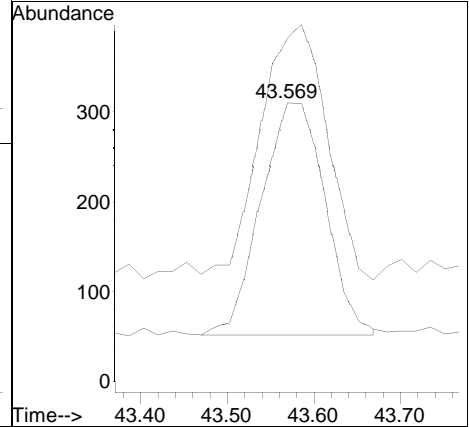
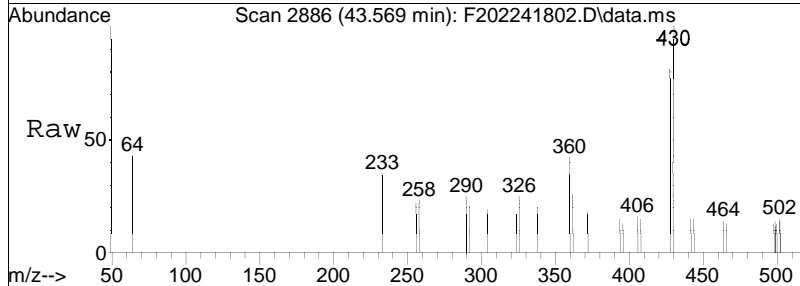
Tgt Ion: 394 Resp: 571
 Ion Ratio Lower Upper
 394 100
 396 101.6 77.8 116.6

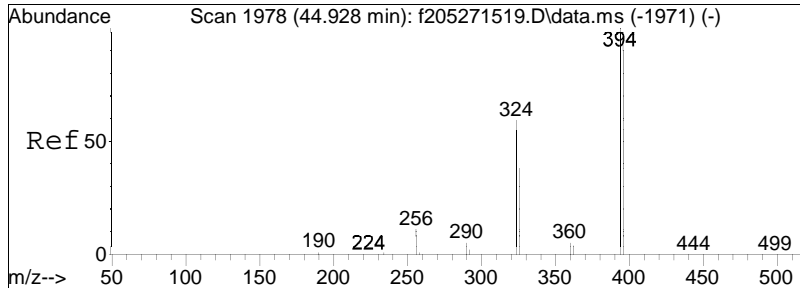




#180
 C18-BZ#204/#200-Cal
 Concen: 0.73 ng/mL
 RT: 43.569 min Scan# 2886
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

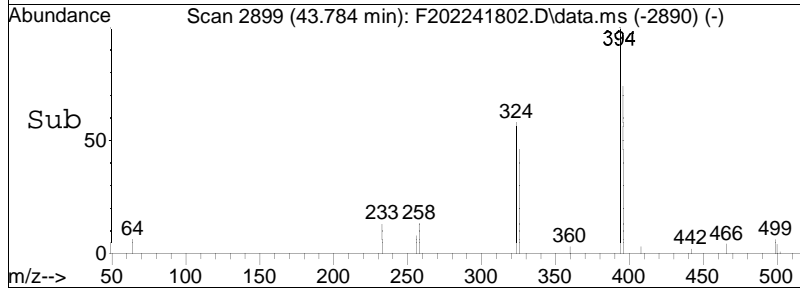
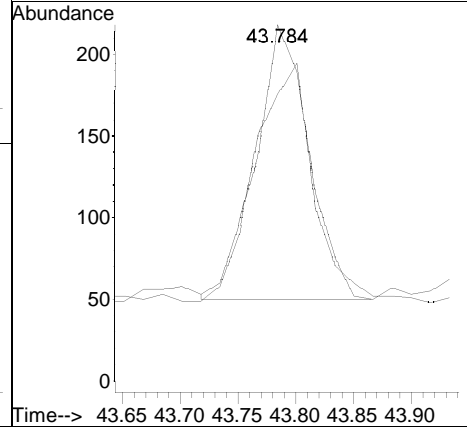
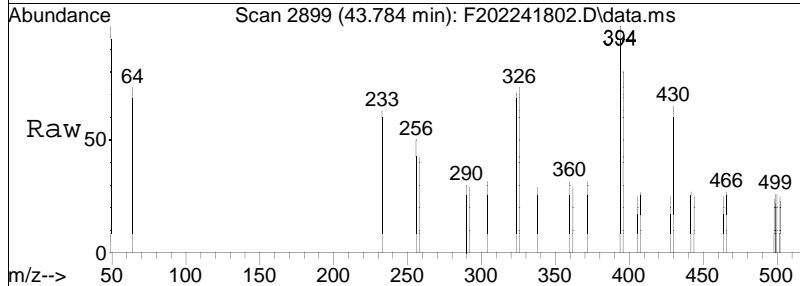
Tgt Ion	Resp	Lower	Upper
428	100		
430	113.8	89.8	134.6

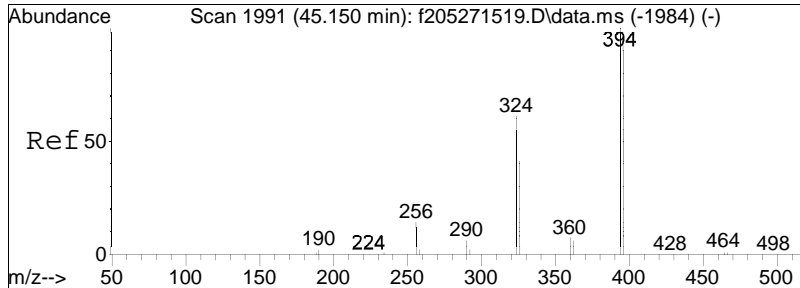




#183
 Cl7-BZ#171
 Concen: 0.39 ng/mL
 RT: 43.784 min Scan# 2899
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

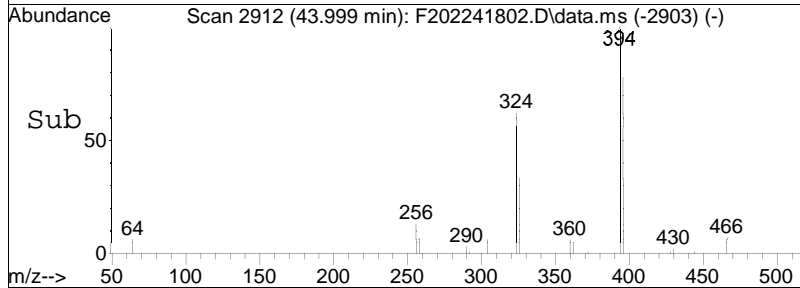
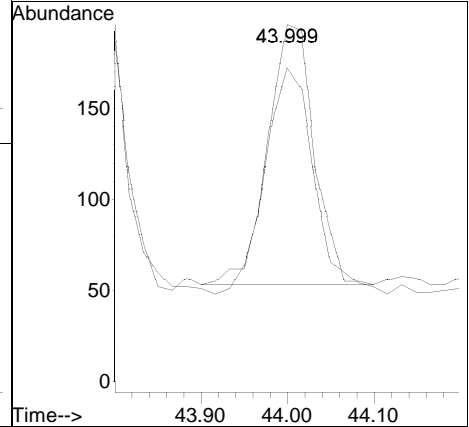
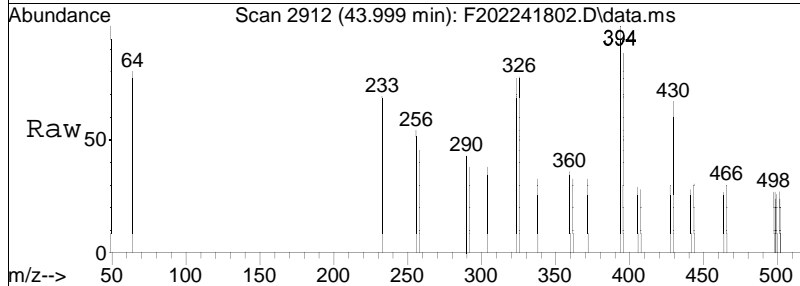
Tgt Ion: 394 Resp: 539
 Ion Ratio Lower Upper
 394 100
 396 94.6 75.4 113.0

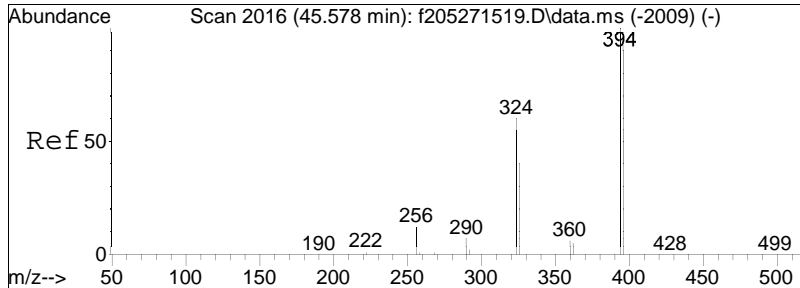




#184
 Cl7-BZ#173
 Concen: 0.37 ng/mL
 RT: 43.999 min Scan# 2912
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

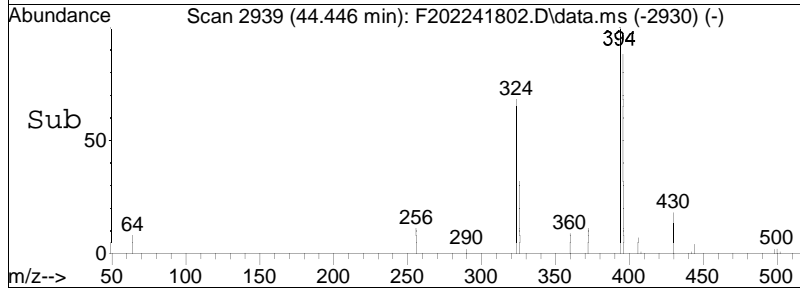
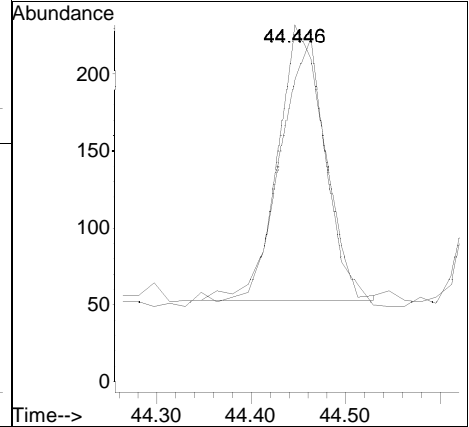
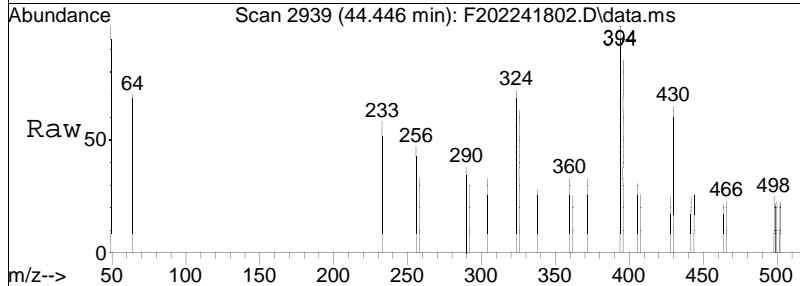
Tgt Ion: 394 Resp: 535
 Ion Ratio Lower Upper
 394 100
 396 92.1 76.3 114.5

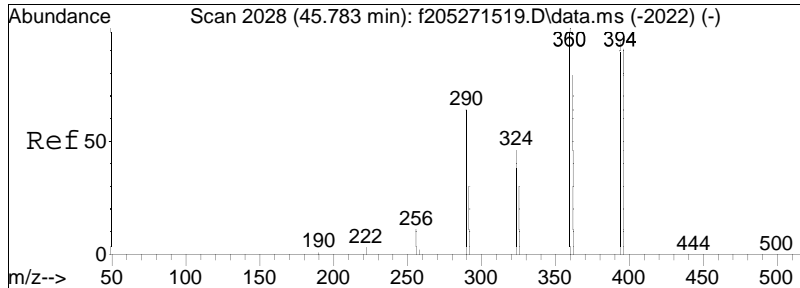




#185
 C17-BZ#172
 Concen: 0.40 ng/mL
 RT: 44.446 min Scan# 2939
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

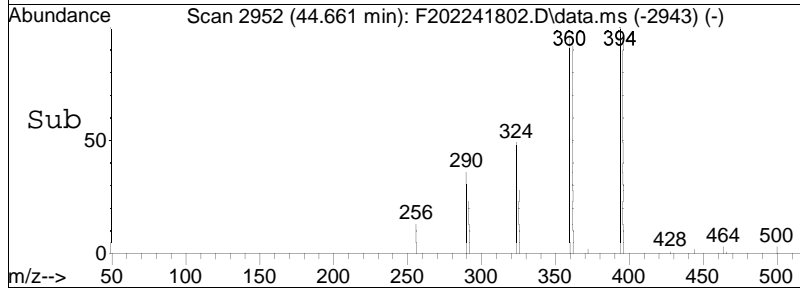
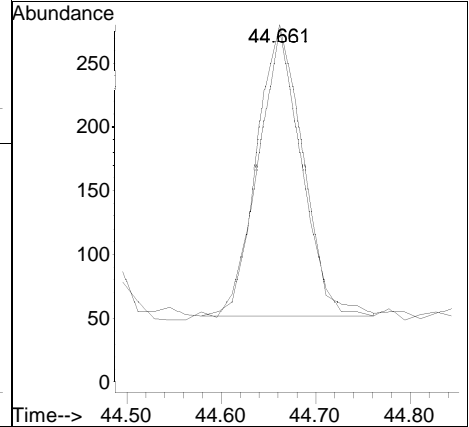
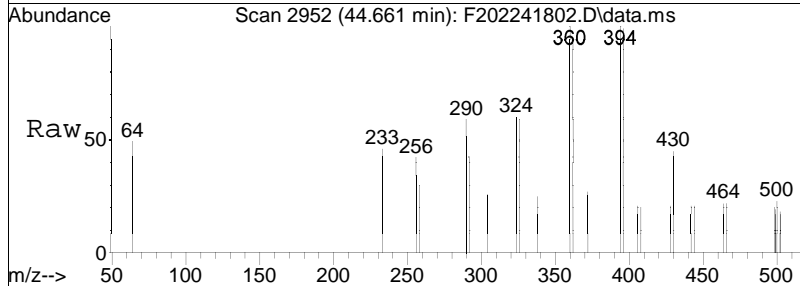
Tgt Ion: 394 Resp: 614
 Ion Ratio Lower Upper
 394 100
 396 97.6 75.4 113.2

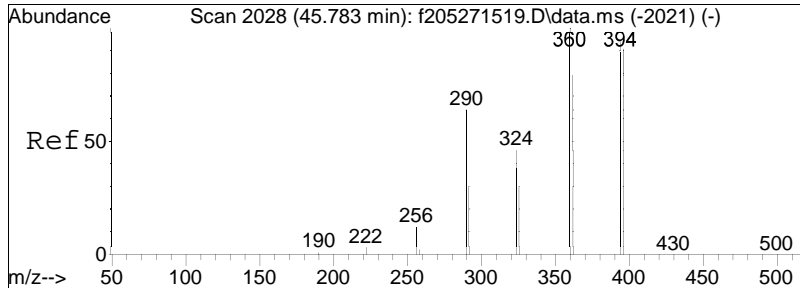




#186
 Cl7-BZ#192
 Concen: 0.36 ng/mL
 RT: 44.661 min Scan# 2952
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

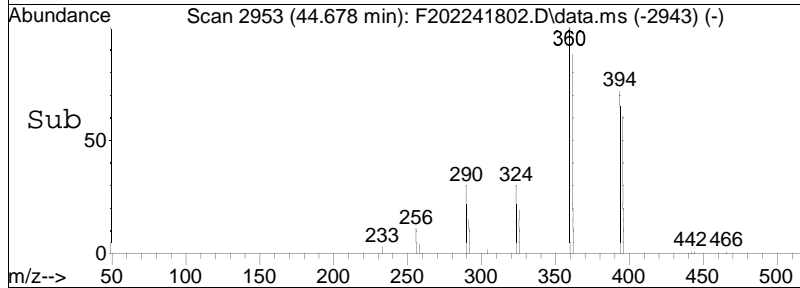
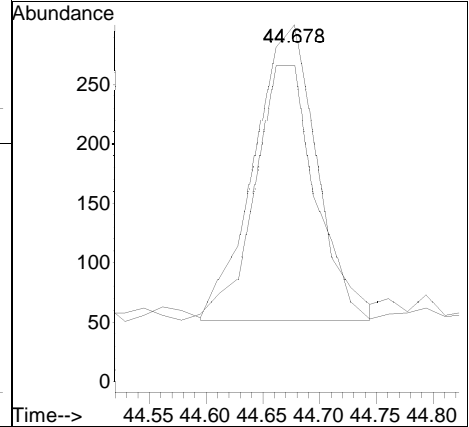
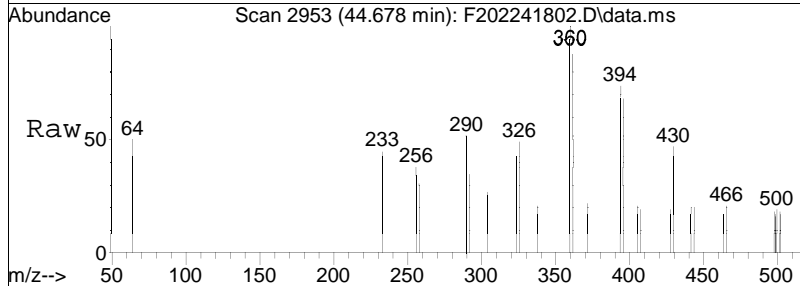
Tgt Ion: 394 Resp: 770
 Ion Ratio Lower Upper
 394 100
 396 97.0 76.9 115.3

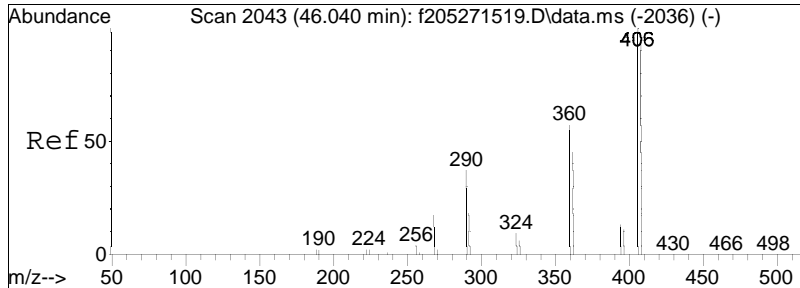




#187
 Cl6-BZ#156
 Concen: 0.41 ng/mL M4
 RT: 44.678 min Scan# 2953
 Delta R.T. 0.017 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

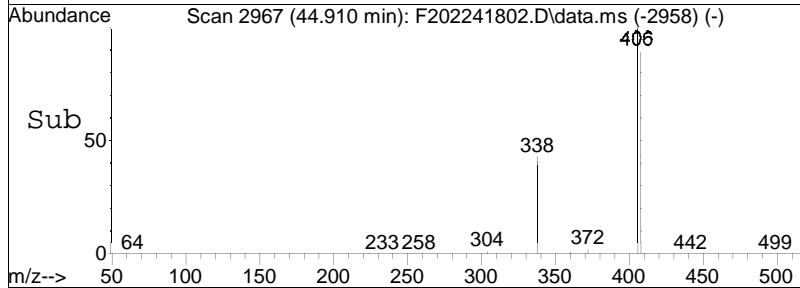
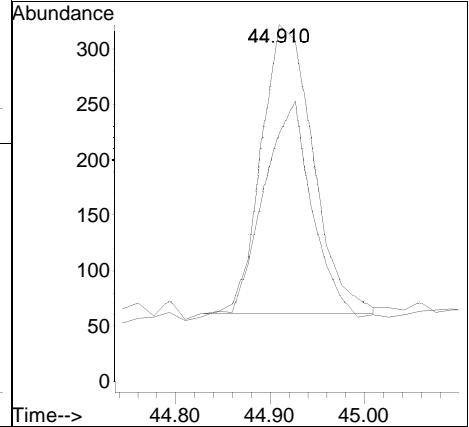
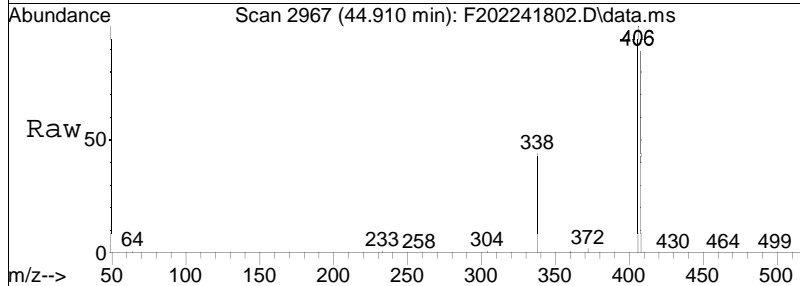
Tgt Ion: 360 Resp: 959
 Ion Ratio Lower Upper
 360 100
 362 82.2 63.4 95.2

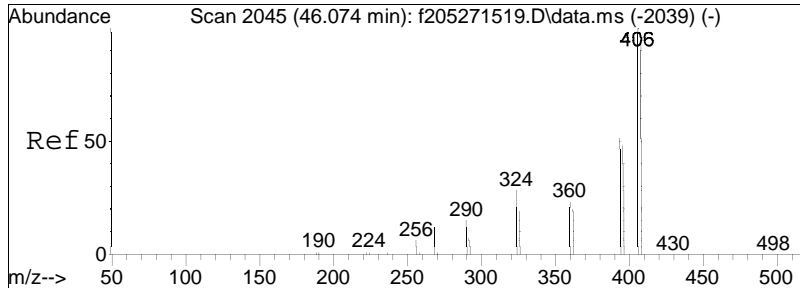




#188
 Cl6-BZ#157
 Concen: 0.41 ng/mL
 RT: 44.910 min Scan# 2967
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

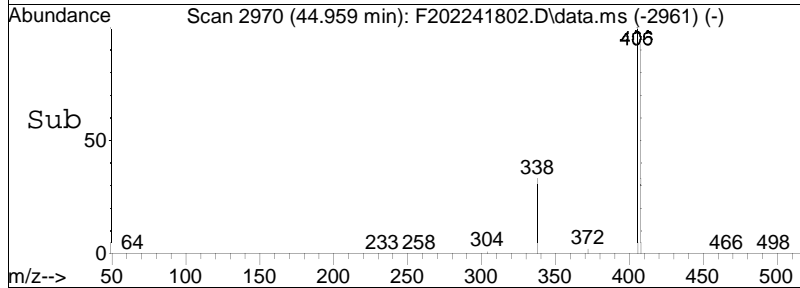
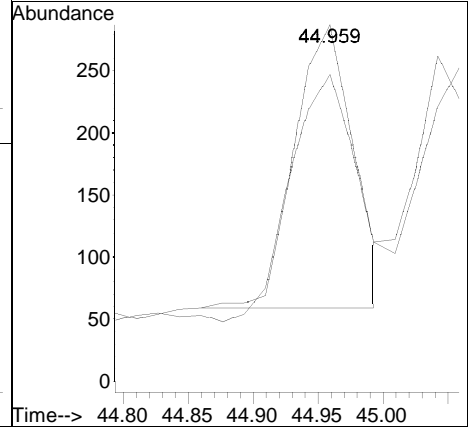
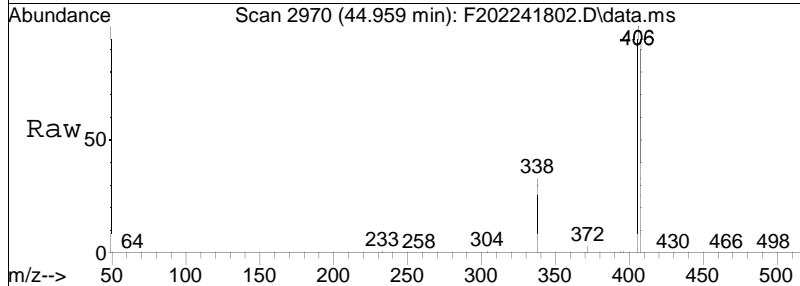
Tgt Ion: 360 Resp: 993
 Ion Ratio Lower Upper
 360 100
 362 73.1 62.6 93.8

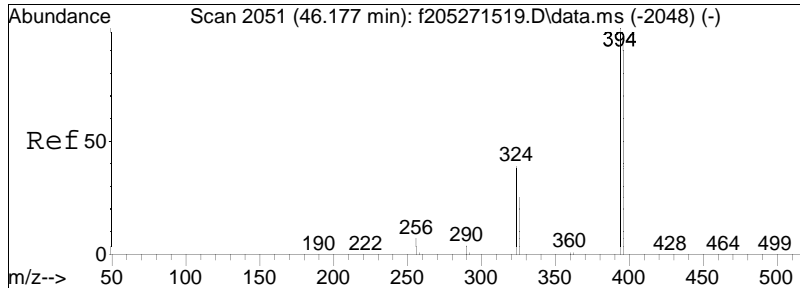




#189
 Cl7-BZ#180
 Concen: 0.35 ng/mL
 RT: 44.959 min Scan# 2970
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

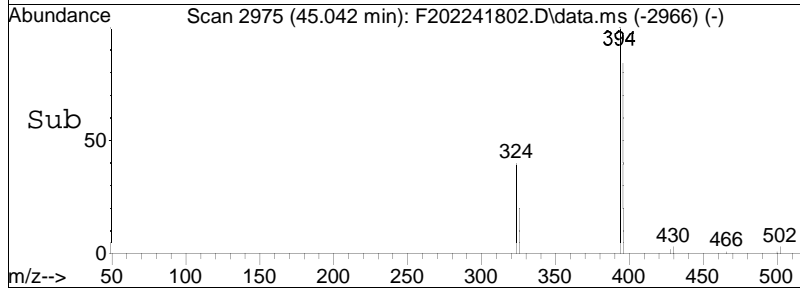
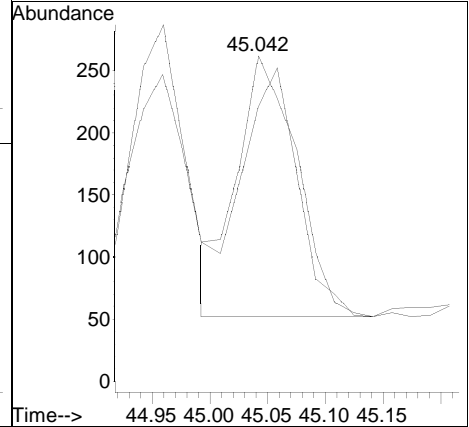
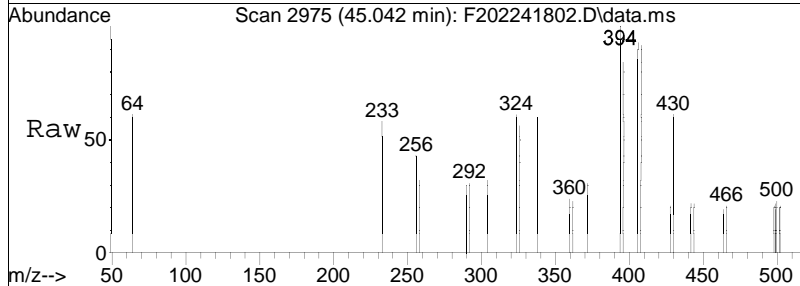
Tgt Ion: 394 Resp: 721
 Ion Ratio Lower Upper
 394 100
 396 106.7 74.2 111.2

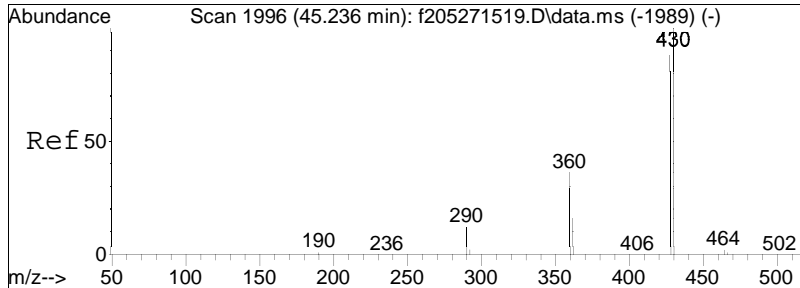




#190
 Cl7-BZ#193
 Concen: 0.32 ng/mL
 RT: 45.042 min Scan# 2975
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

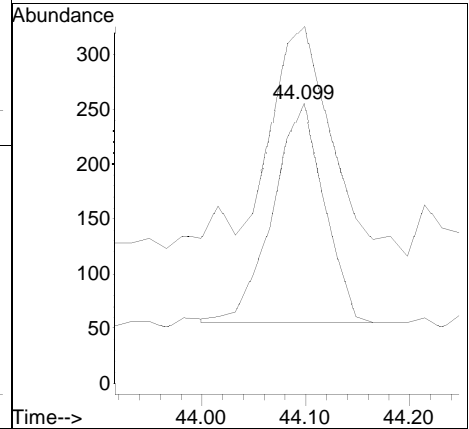
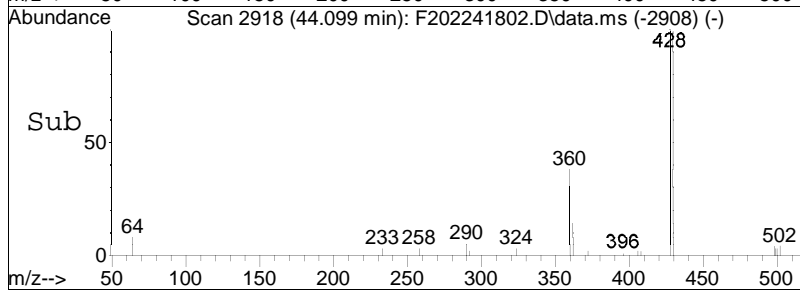
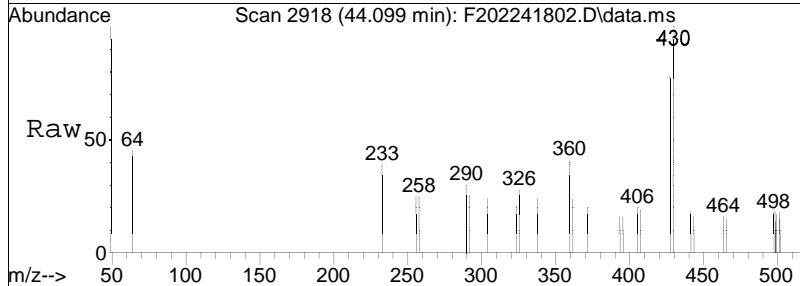
Tgt Ion: 394 Resp: 761
 Ion Ratio Lower Upper
 394 100
 396 83.7 76.3 114.5

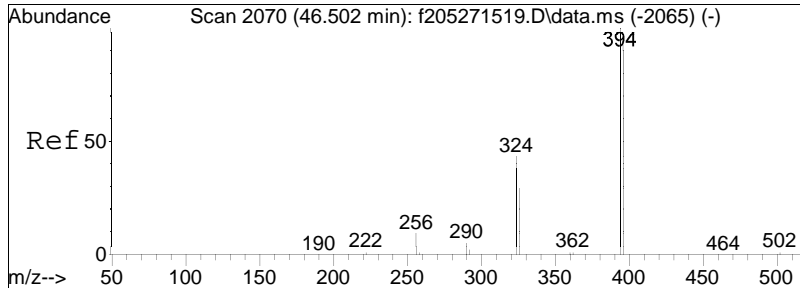




#191
 Cl8-BZ#197
 Concen: 0.38 ng/mL
 RT: 44.099 min Scan# 2918
 Delta R.T. 0.017 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

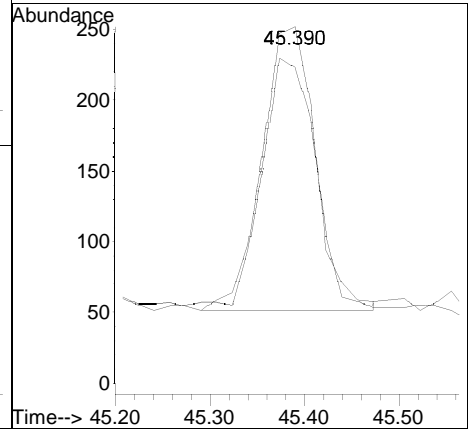
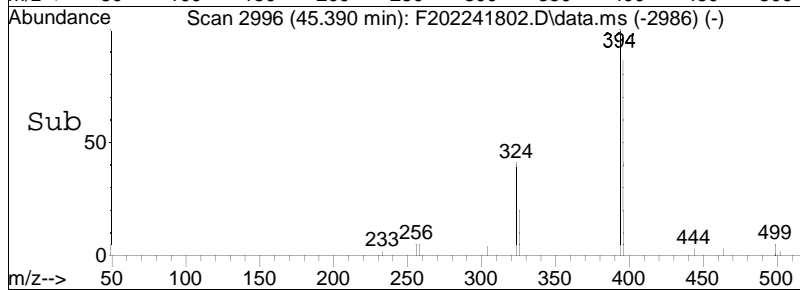
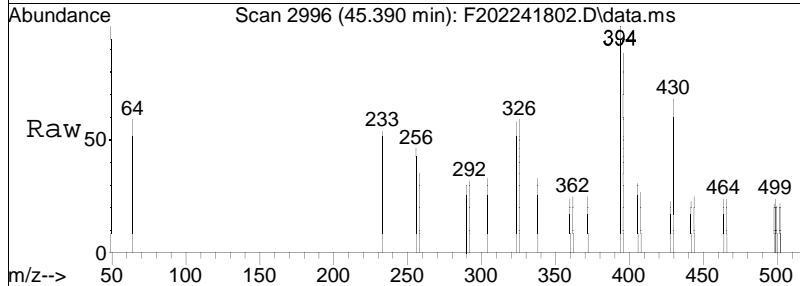
Tgt Ion	Resp	Lower	Upper
428	100		
430	107.9	88.4	132.6

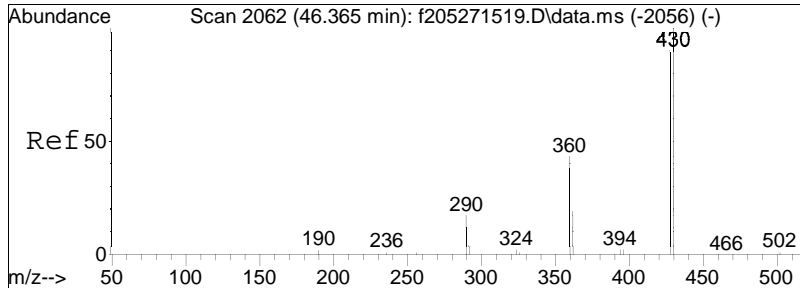




#192
 C17-BZ#191
 Concen: 0.41 ng/mL
 RT: 45.390 min Scan# 2996
 Delta R.T. 0.017 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

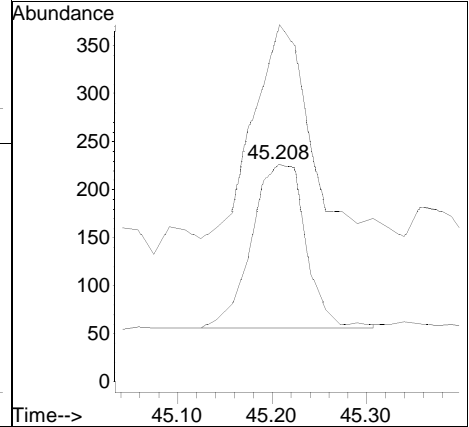
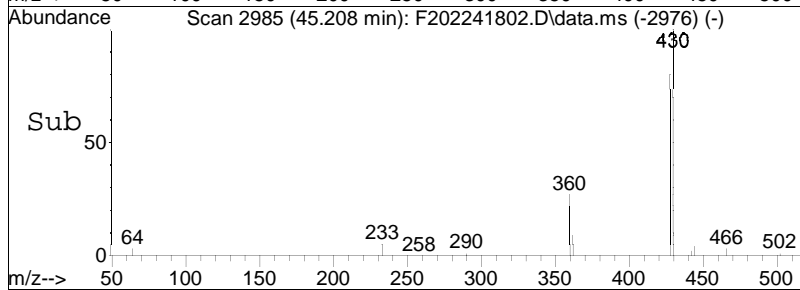
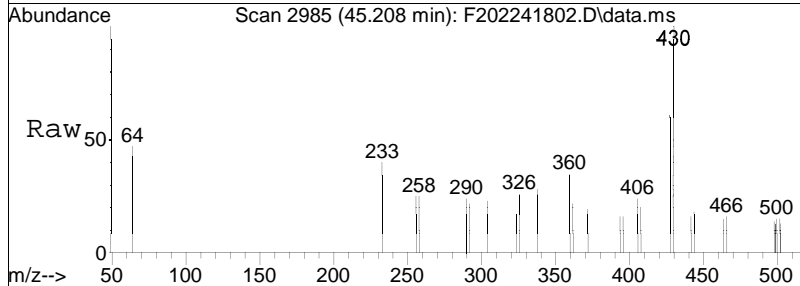
Tgt Ion: 394 Resp: 796
 Ion Ratio Lower Upper
 394 100
 396 86.9 74.6 111.8

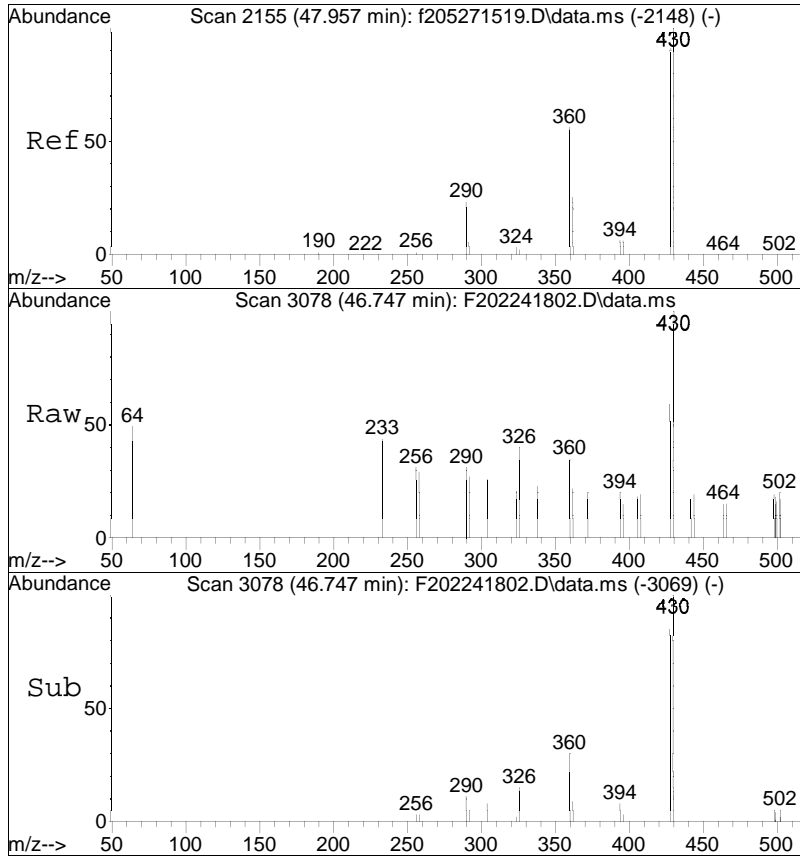




#193
 Cl8-BZ#199
 Concen: 0.39 ng/mL
 RT: 45.208 min Scan# 2985
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

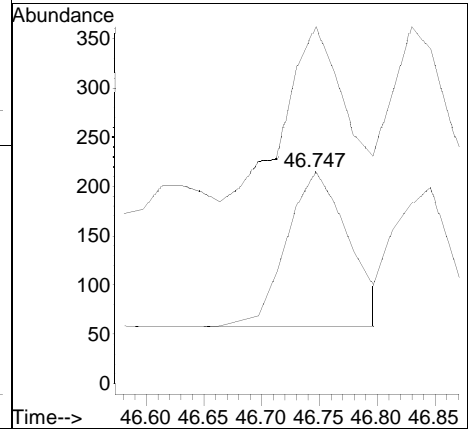
Tgt Ion: 428 Resp: 680
 Ion Ratio Lower Upper
 428 100
 430 131.8 90.5 135.7

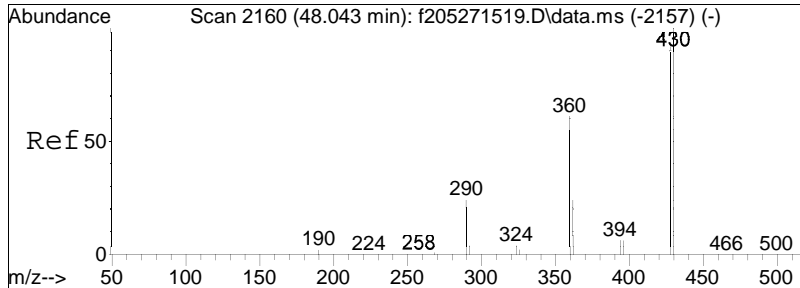




#194
 Cl8-BZ#198
 Concen: 0.45 ng/mL
 RT: 46.747 min Scan# 3078
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

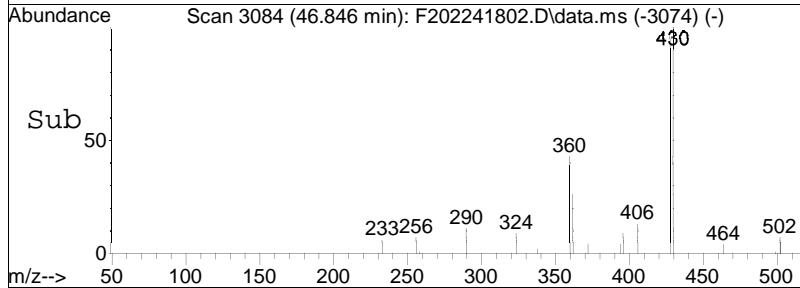
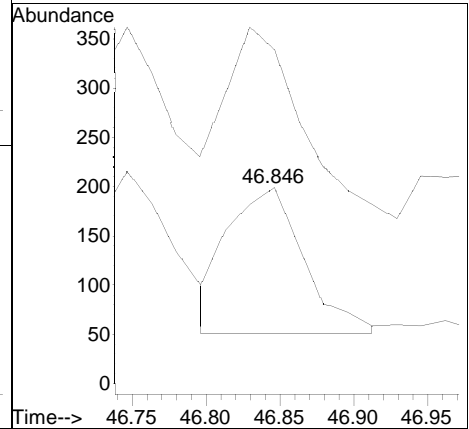
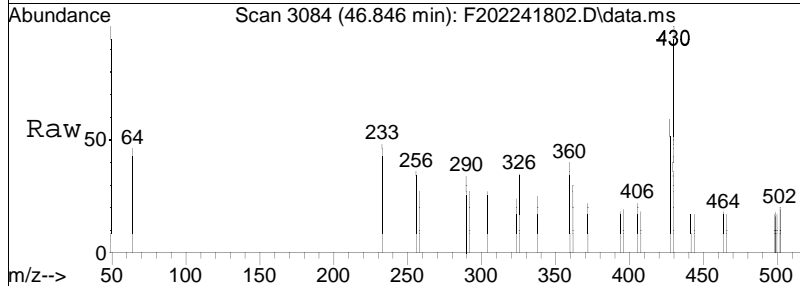
Tgt Ion	Resp	Lower	Upper
428	100		
430	107.6	90.0	135.0

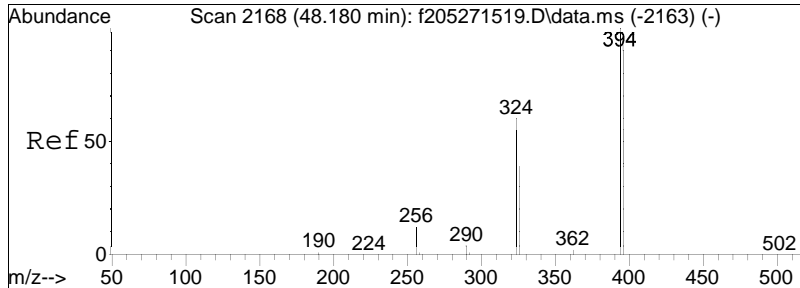




#195
 Cl8-BZ#201
 Concen: 0.40 ng/mL M4
 RT: 46.846 min Scan# 3084
 Delta R.T. 0.017 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

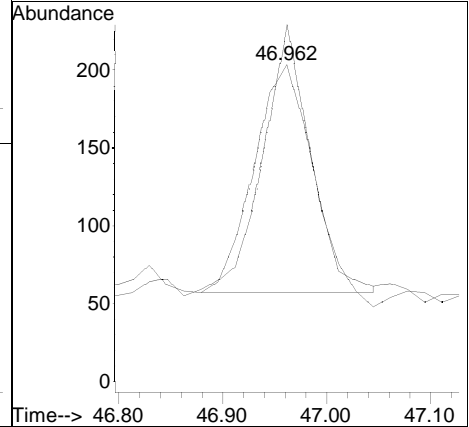
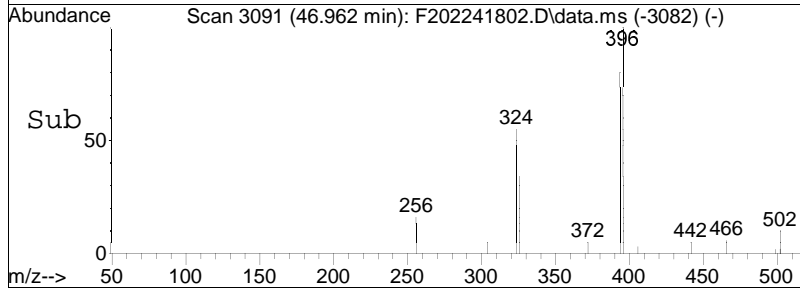
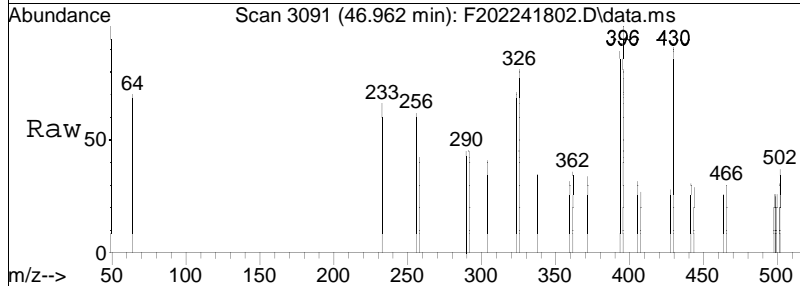
Tgt Ion: 428 Resp: 528
 Ion Ratio Lower Upper
 428 100
 430 44.3 91.3 136.9#

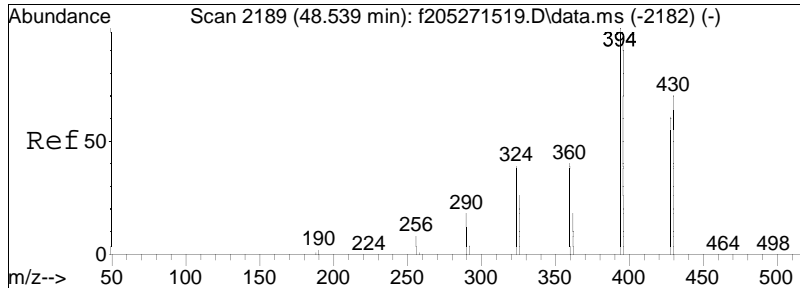




#196
 C17-BZ#170
 Concen: 0.44 ng/mL
 RT: 46.962 min Scan# 3091
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

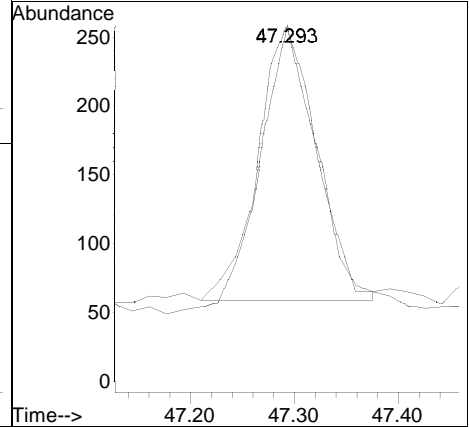
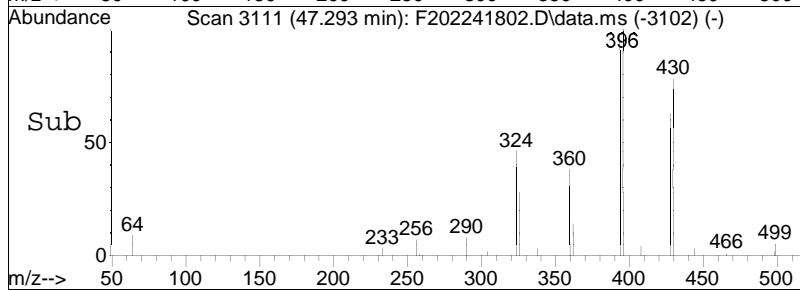
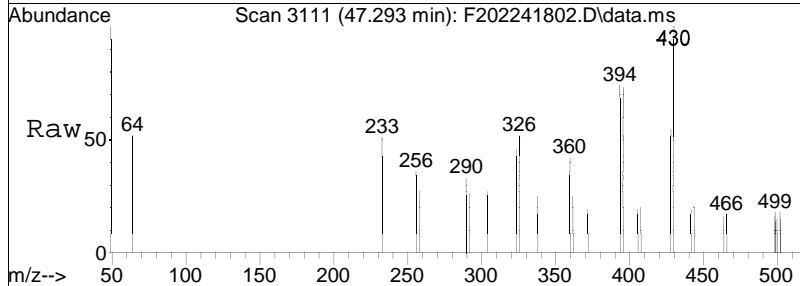
Tgt Ion: 394 Resp: 573
 Ion Ratio Lower Upper
 394 100
 396 110.3 80.2 120.4

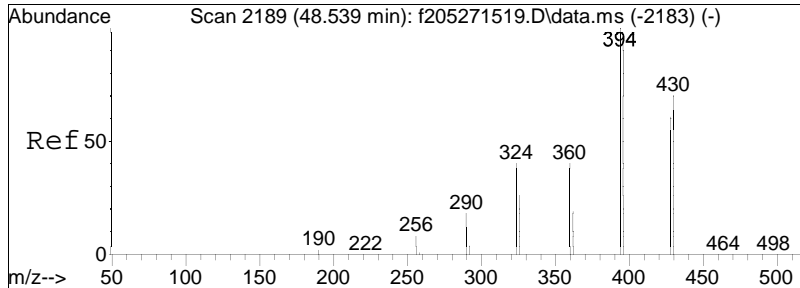




#197
 C17-BZ#190
 Concen: 0.36 ng/mL
 RT: 47.293 min Scan# 3111
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

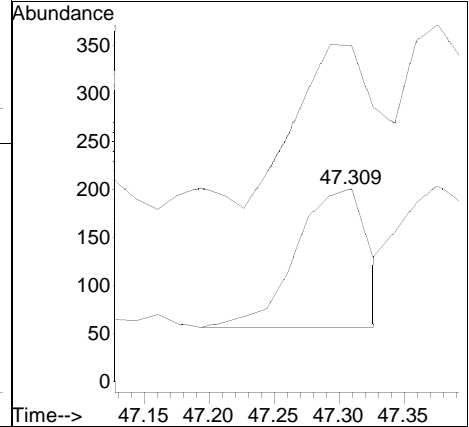
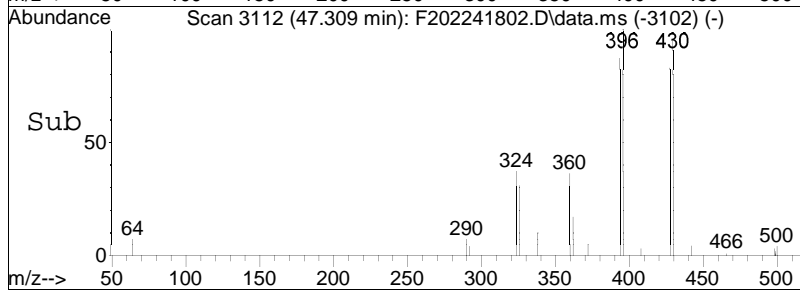
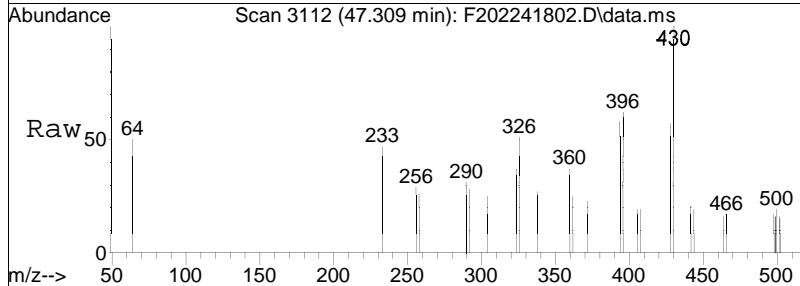
Tgt Ion	Resp	Lower	Upper
394	100		
396	105.4	78.9	118.3

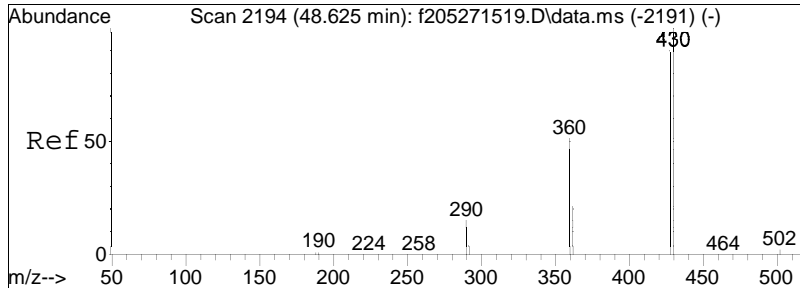




#198
 Cl8-BZ#196
 Concen: 0.41 ng/mL
 RT: 47.309 min Scan# 3112
 Delta R.T. 0.017 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

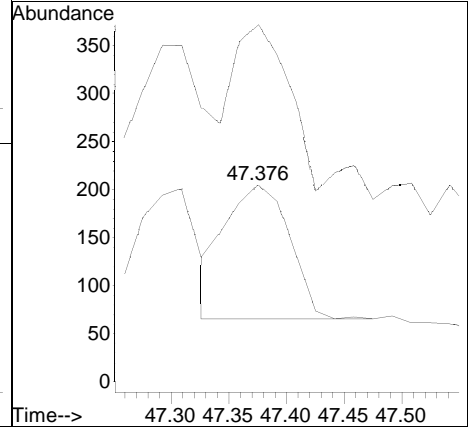
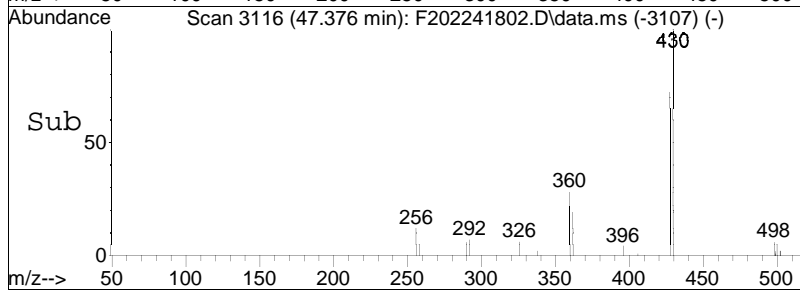
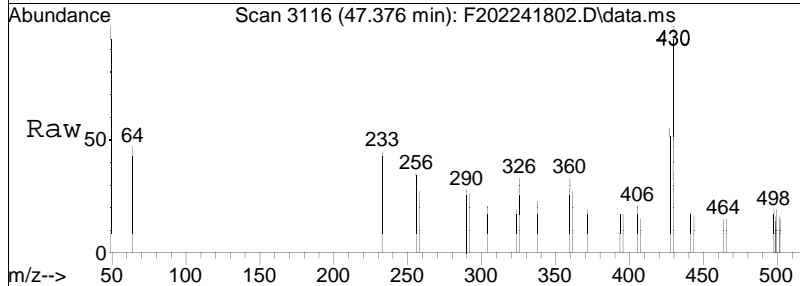
Tgt Ion	Resp	Lower	Upper
428	100		
430	134.6	90.2	135.2

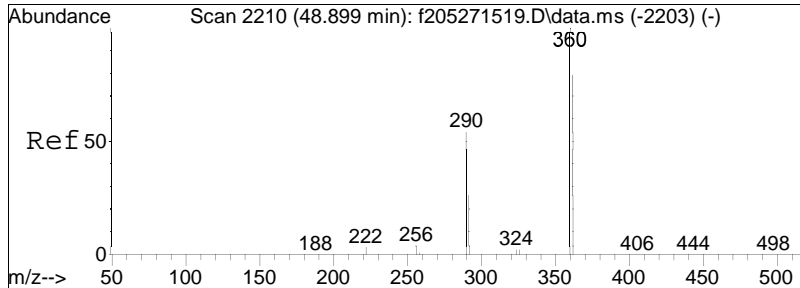




#199
 Cl8-BZ#203
 Concen: 0.38 ng/mL
 RT: 47.376 min Scan# 3116
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

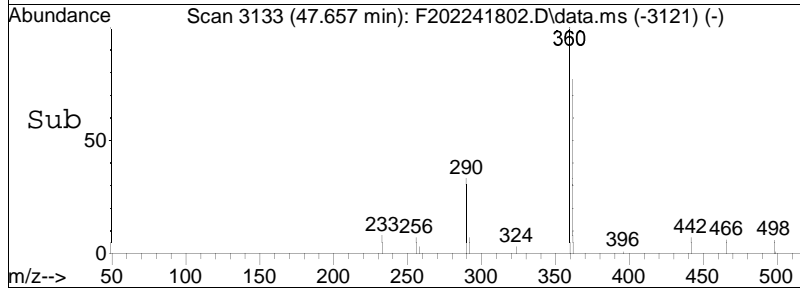
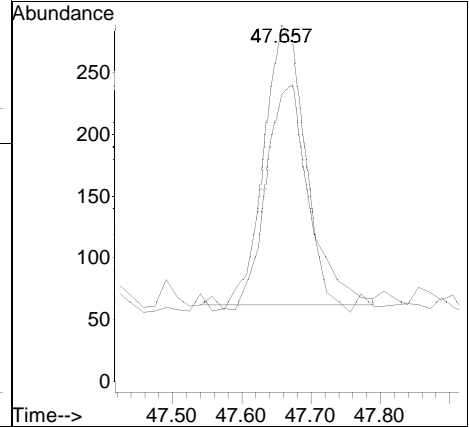
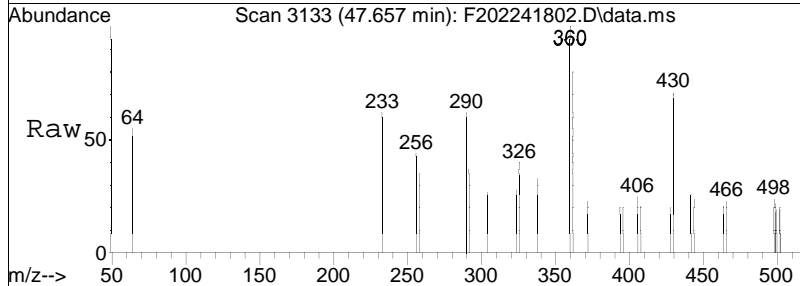
Tgt Ion	Resp	Lower	Upper
428	100		
430	122.9	90.0	135.0

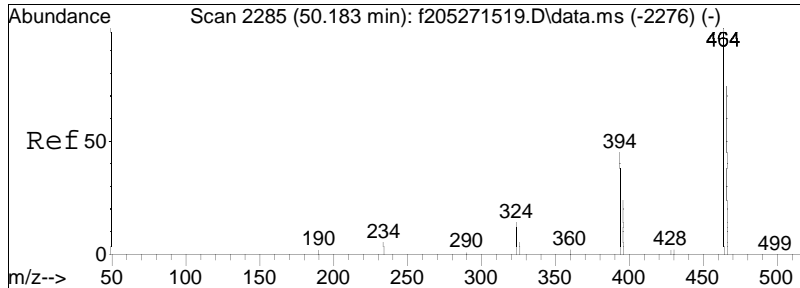




#200
 Cl6-BZ#169-RTW
 Concen: 0.42 ng/mL
 RT: 47.657 min Scan# 3133
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

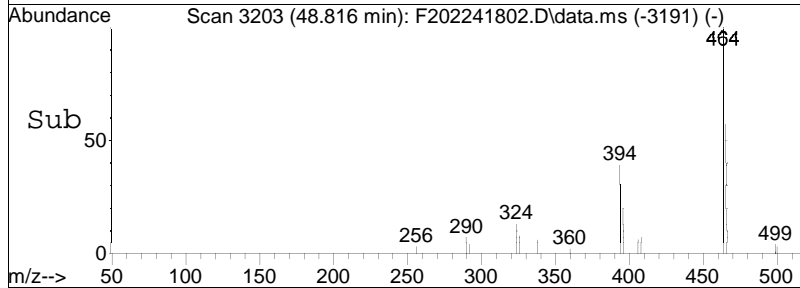
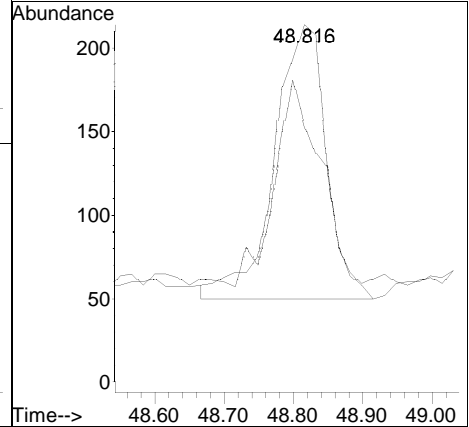
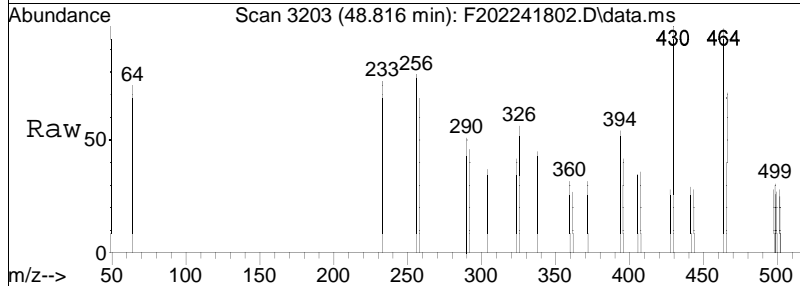
Tgt Ion: 360 Resp: 979
 Ion Ratio Lower Upper
 360 100
 362 77.3 65.0 97.4

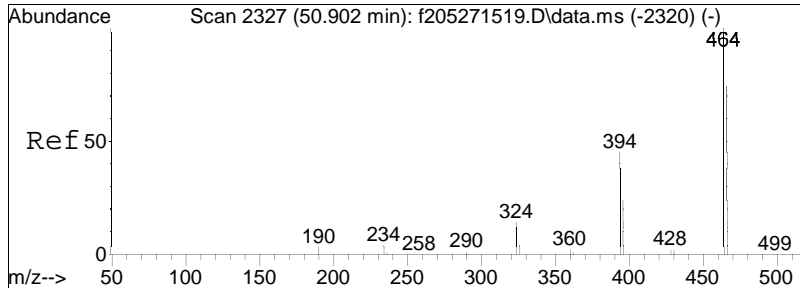




#201
 C19-BZ#208-RTW
 Concen: 0.48 ng/mL
 RT: 48.816 min Scan# 3203
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

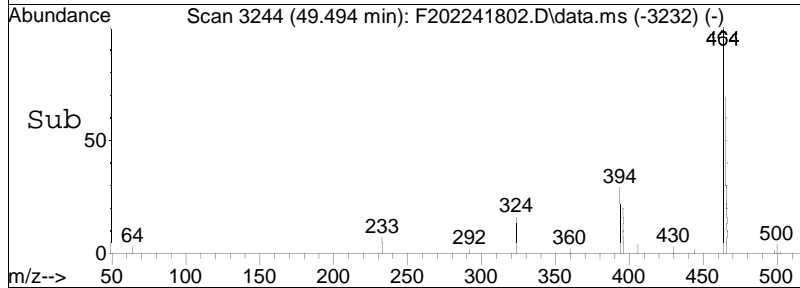
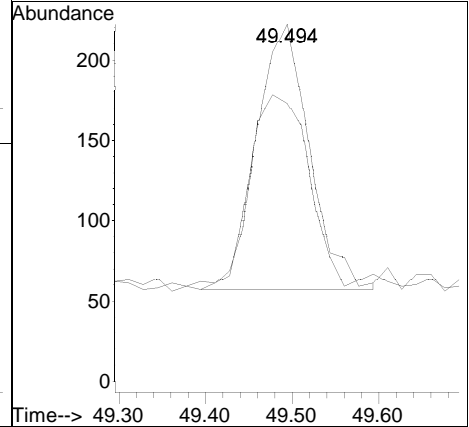
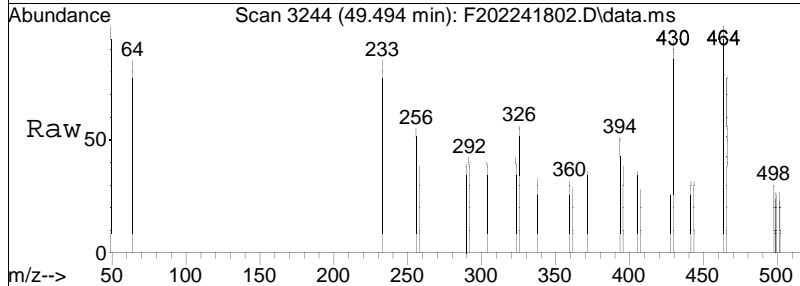
Tgt Ion: 464 Resp: 849
 Ion Ratio Lower Upper
 464 100
 466 64.1 60.3 90.5

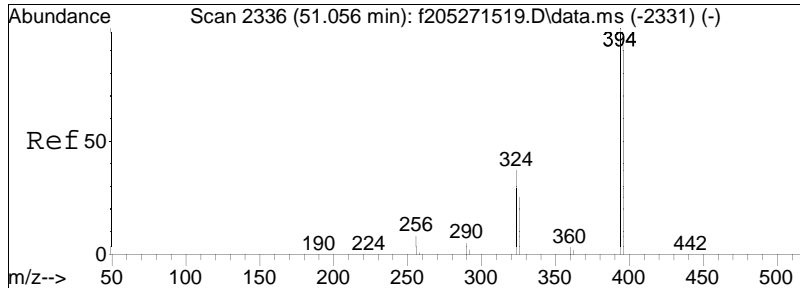




#202
 C19-BZ#207
 Concen: 0.39 ng/mL
 RT: 49.494 min Scan# 3244
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

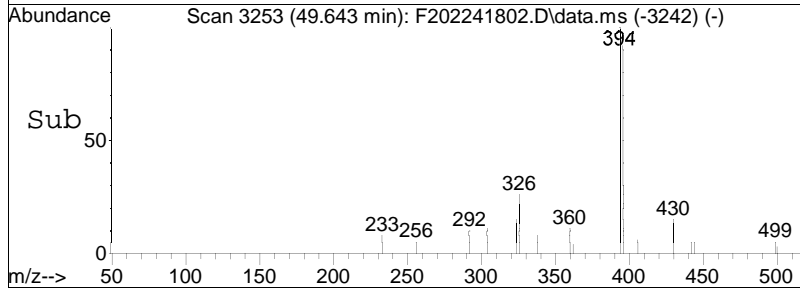
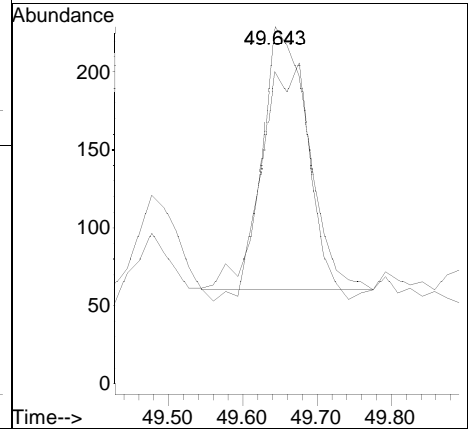
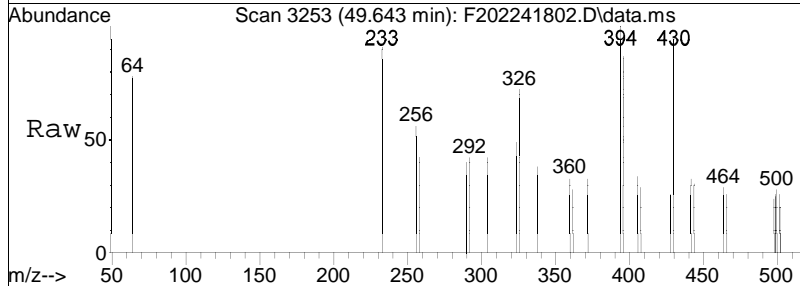
Tgt Ion: 464 Resp: 705
 Ion Ratio Lower Upper
 464 100
 466 81.1 61.9 92.9

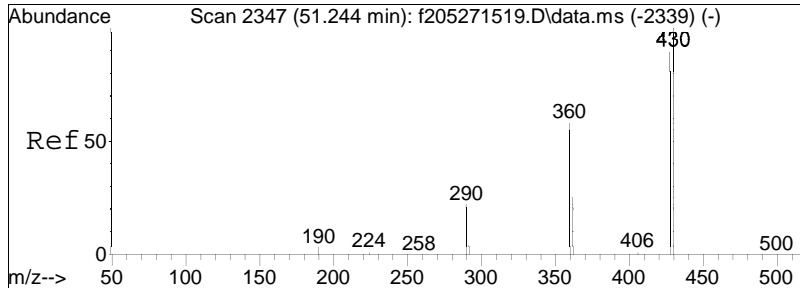




#203
 C17-BZ#189-RTW
 Concen: 0.42 ng/mL
 RT: 49.643 min Scan# 3253
 Delta R.T. -0.016 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

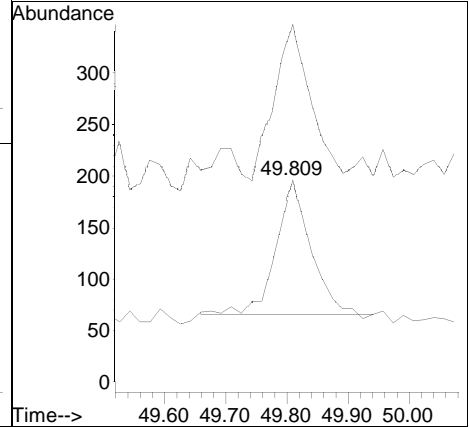
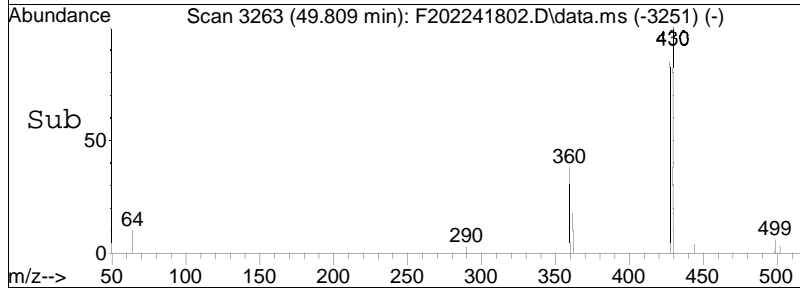
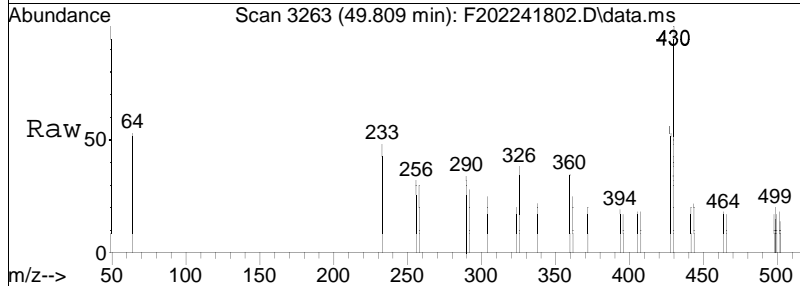
Tgt Ion: 394 Resp: 742
 Ion Ratio Lower Upper
 394 100
 396 0.0 76.4 114.6#

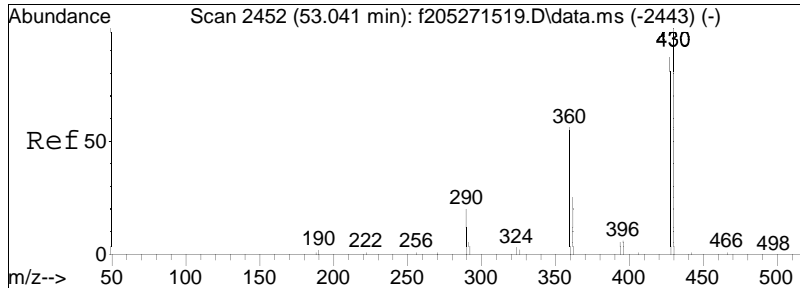




#204
 Cl8-BZ#195
 Concen: 0.40 ng/mL
 RT: 49.809 min Scan# 3263
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

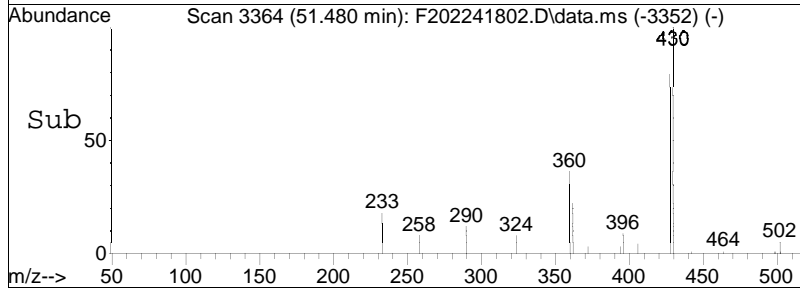
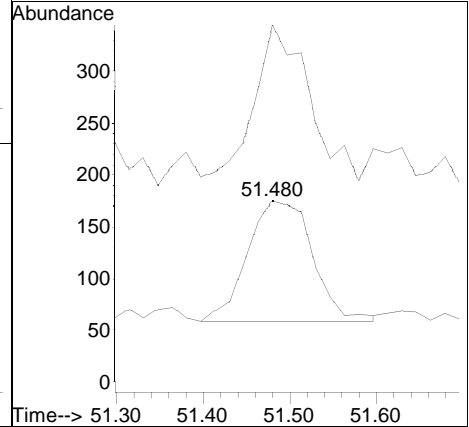
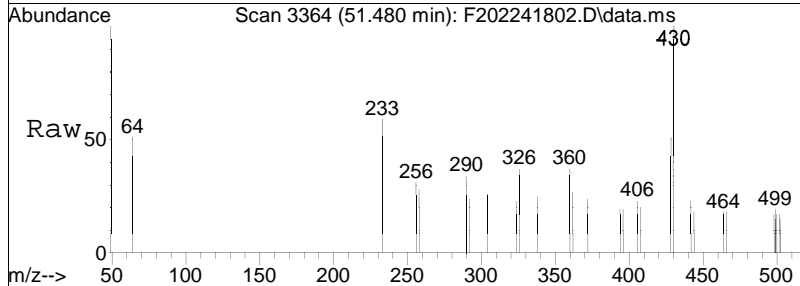
Tgt Ion: 428 Resp: 507
 Ion Ratio Lower Upper
 428 100
 430 127.8 93.8 140.8

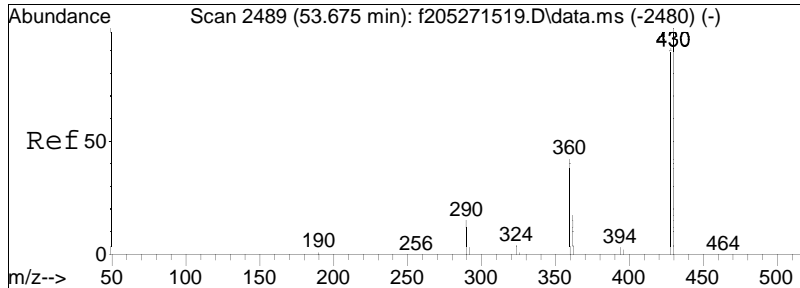




#205
 Cl8-BZ#194
 Concen: 0.46 ng/mL
 RT: 51.480 min Scan# 3364
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

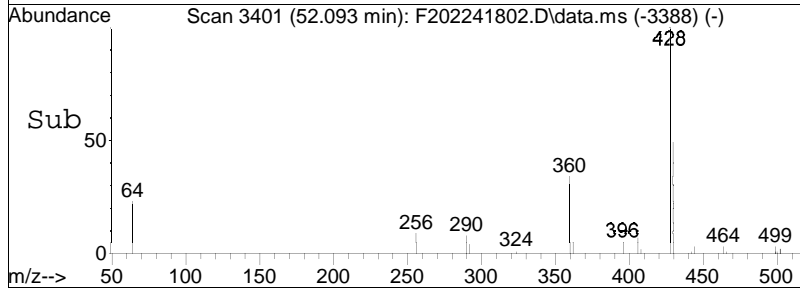
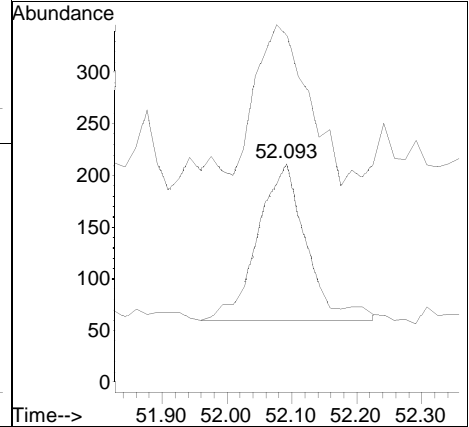
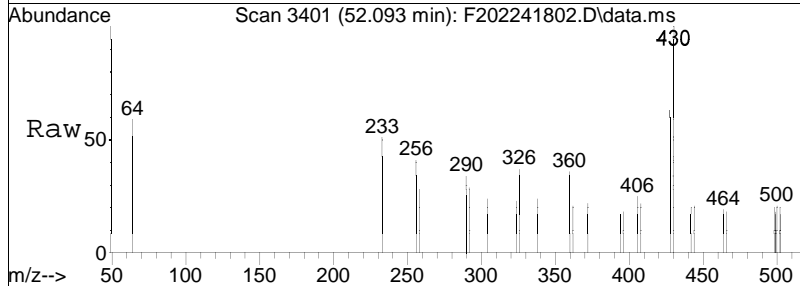
Tgt Ion	Ratio	Lower	Upper
428	100		
430	109.8	92.2	138.2

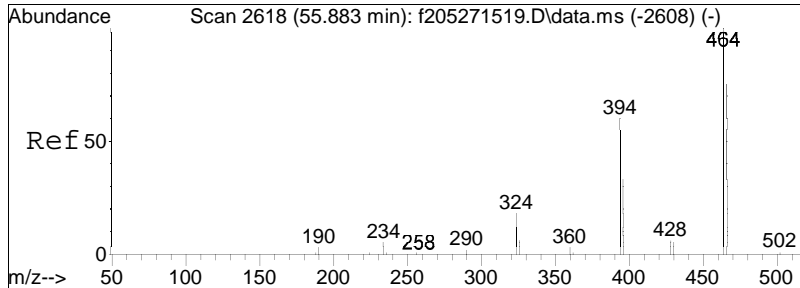




#206
 C18-BZ#205-RTW
 Concen: 0.51 ng/mL
 RT: 52.093 min Scan# 3401
 Delta R.T. 0.017 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

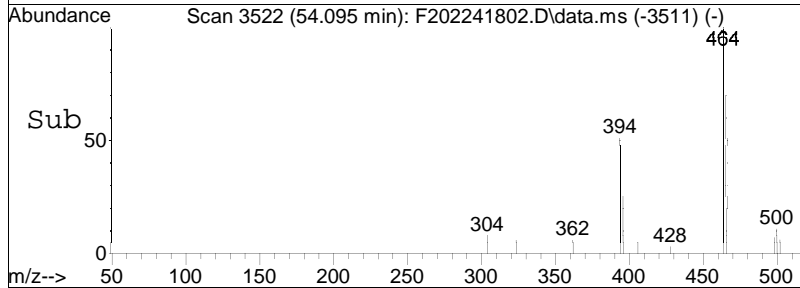
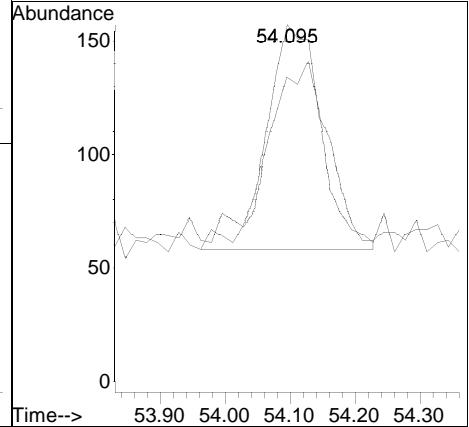
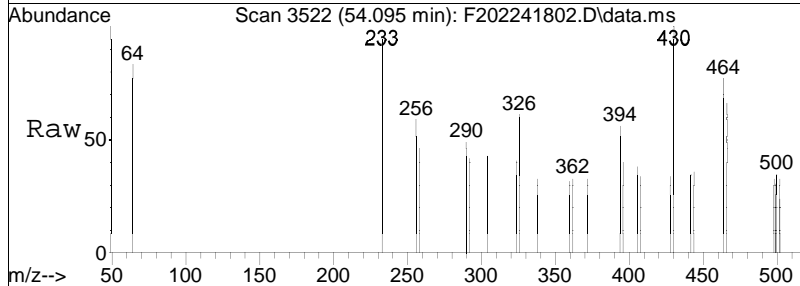
Tgt Ion	Resp	Lower	Upper
428	100		
430	102.3	91.3	136.9

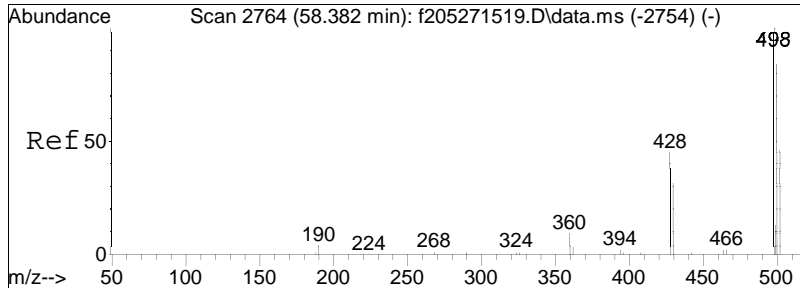




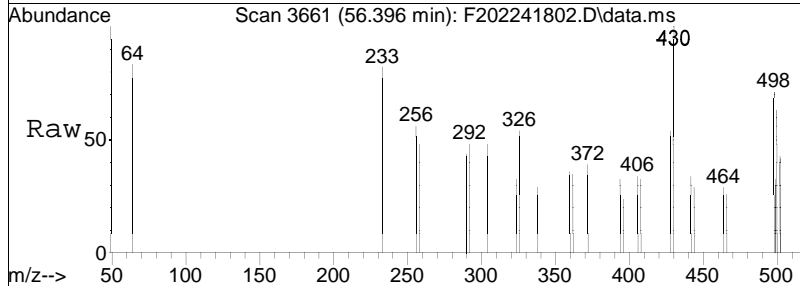
#207
 C19-BZ#206-Cal/RTW
 Concen: 0.45 ng/mL
 RT: 54.095 min Scan# 3522
 Delta R.T. -0.016 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am

Tgt Ion: 464 Resp: 612
 Ion Ratio Lower Upper
 464 100
 466 0.0 60.2 90.2#

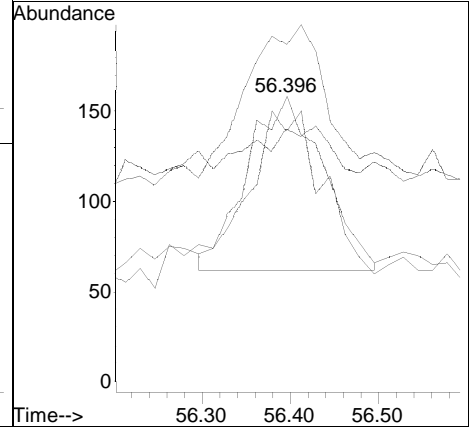
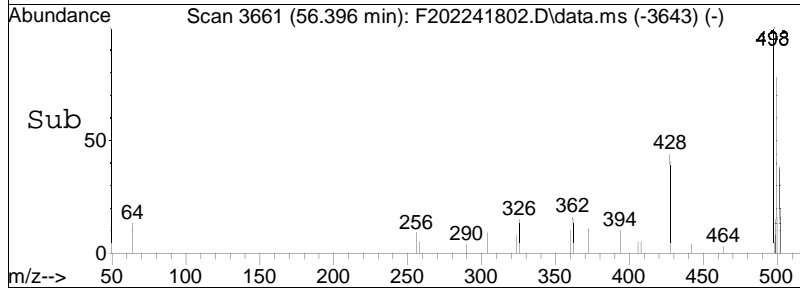




#210
 Cl10-BZ#209-Cal/RTW
 Concen: 0.41 ng/mL M4
 RT: 56.396 min Scan# 3661
 Delta R.T. 0.000 min
 Lab File: F202241802.D
 Acq: 24 Feb 2018 10:14 am



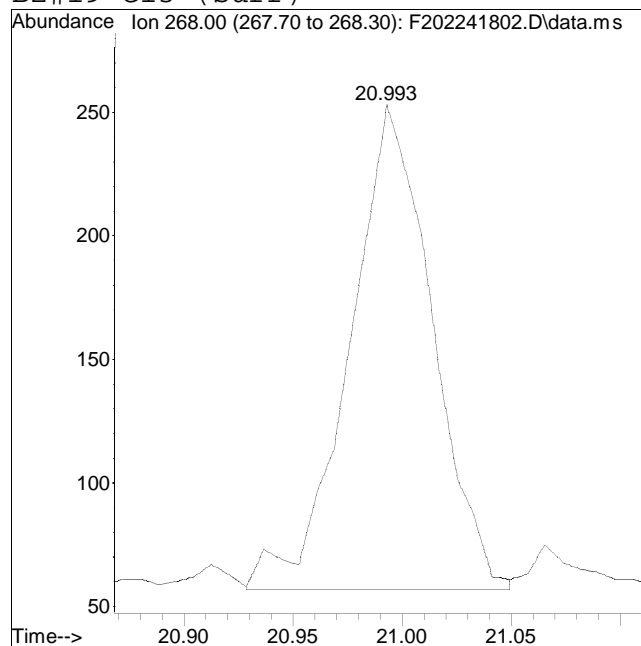
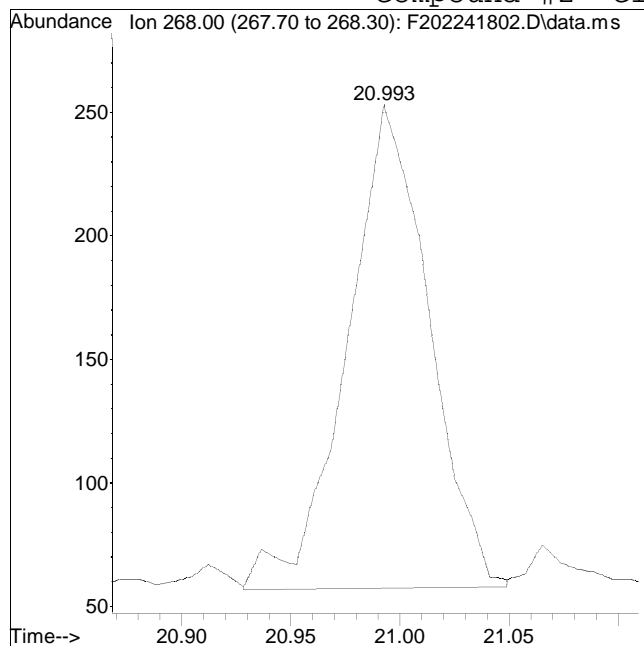
Tgt Ion	Resp	Lower	Upper
498	100		
500	110.4	66.9	100.3#
499	0.0	10.8	16.2#
502	0.0	38.5	57.7#



Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #2: C13-BZ#19-C13 (surr)



Original Peak Response = 512

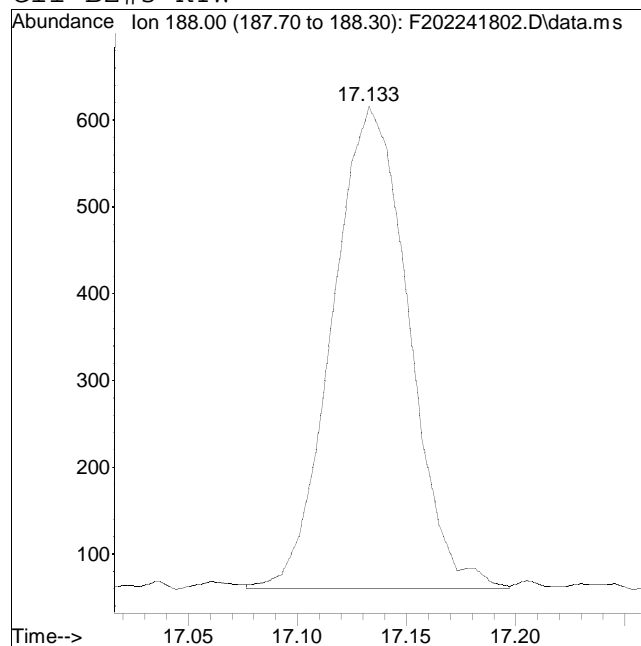
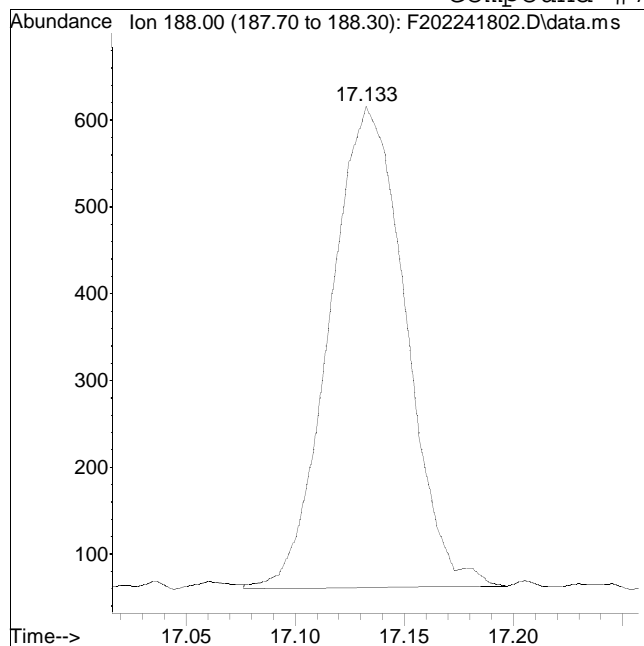
Manual Peak Response = 516 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #7: Cl1-BZ#3-RTW



Original Peak Response = 1338

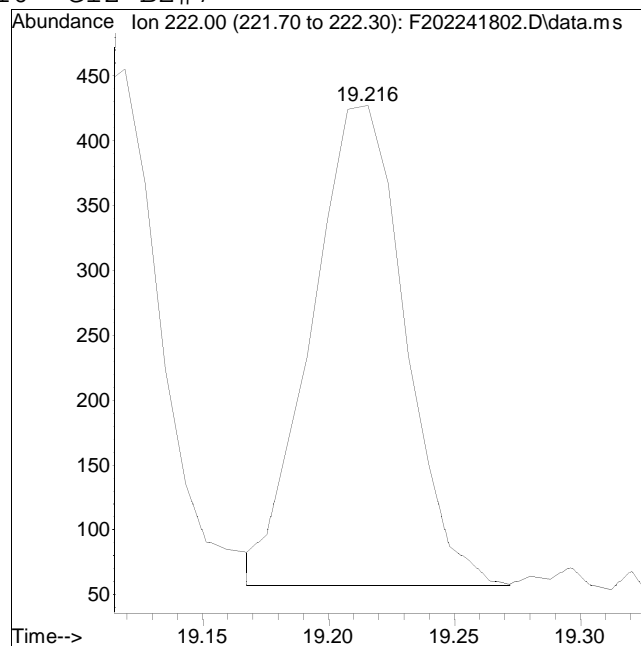
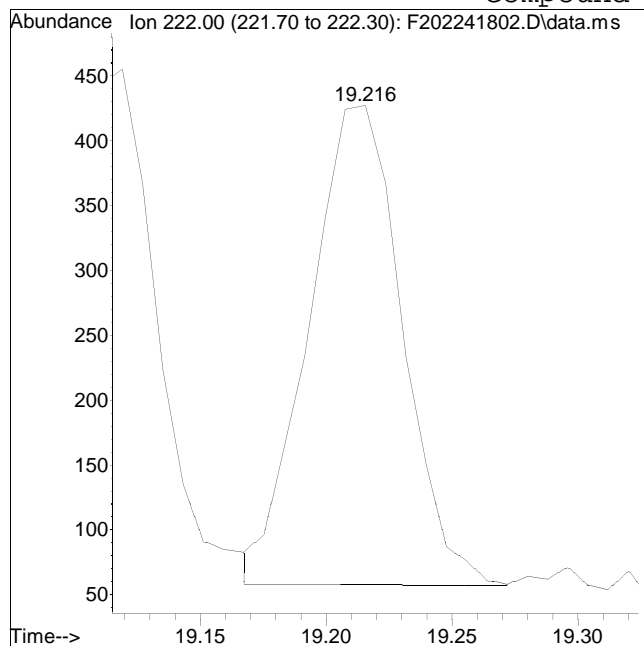
Manual Peak Response = 1349 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #10: Cl2-BZ#7



Original Peak Response = 951

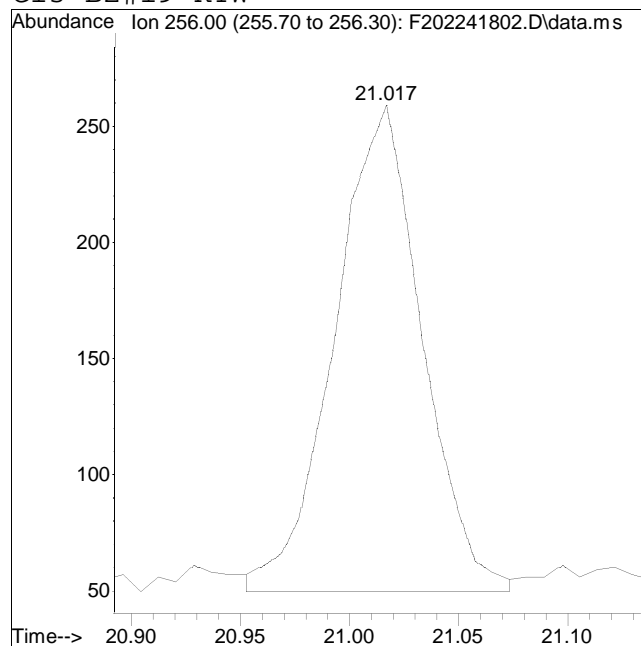
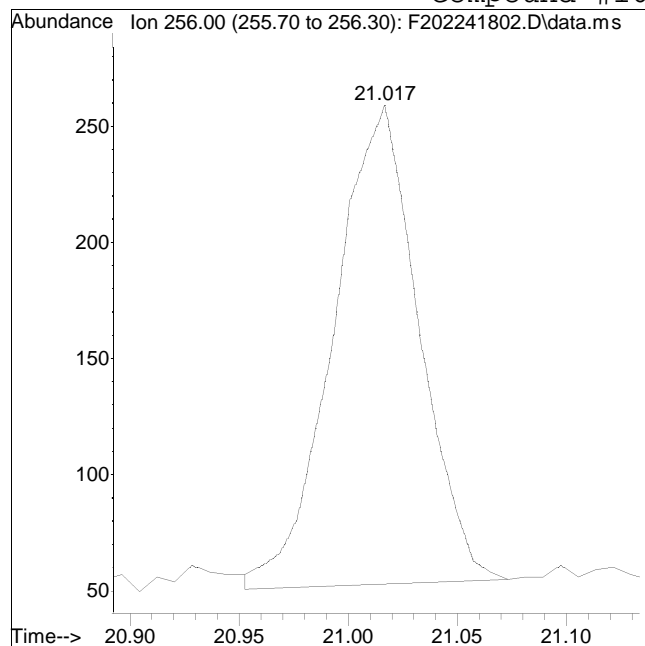
Manual Peak Response = 954 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #16: C13-BZ#19-RTW



Original Peak Response = 558

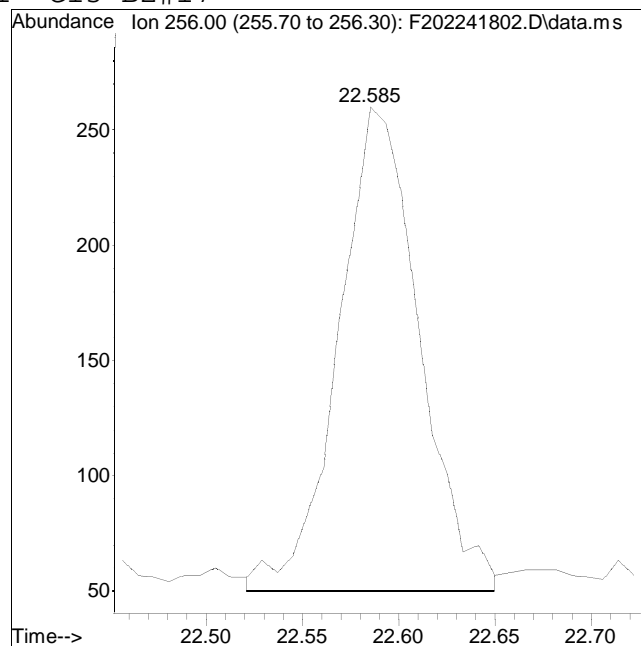
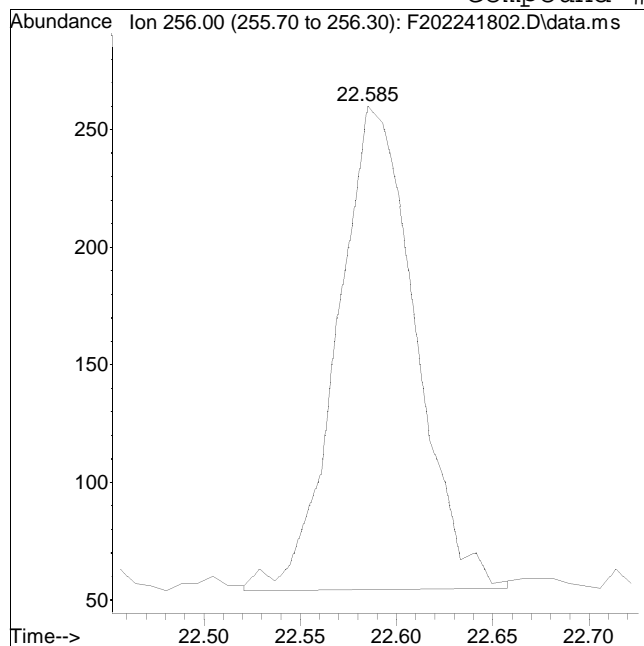
Manual Peak Response = 580 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #21: Cl3-BZ#17



Original Peak Response = 580

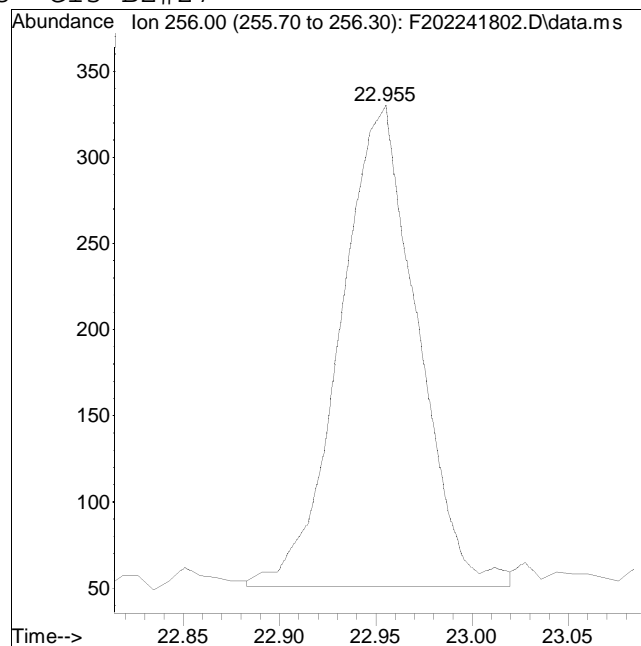
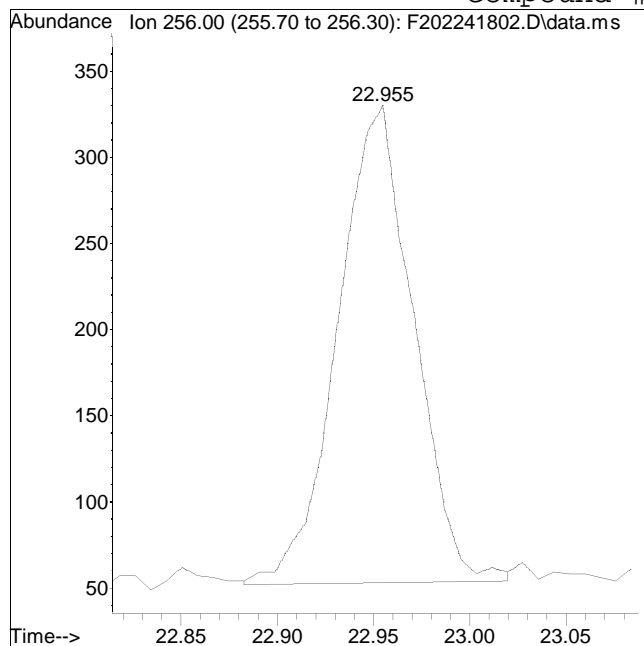
Manual Peak Response = 613 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #23: Cl3-BZ#27



Original Peak Response = 760

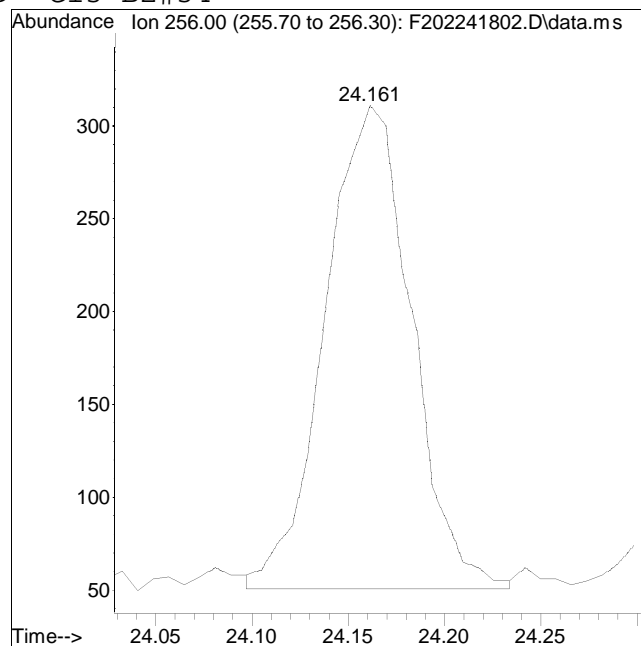
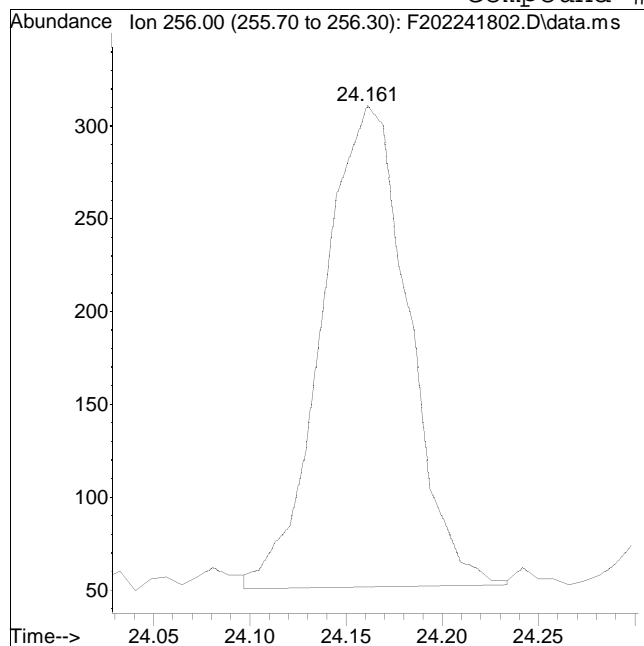
Manual Peak Response = 776 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #29: Cl3-BZ#34



Original Peak Response = 801

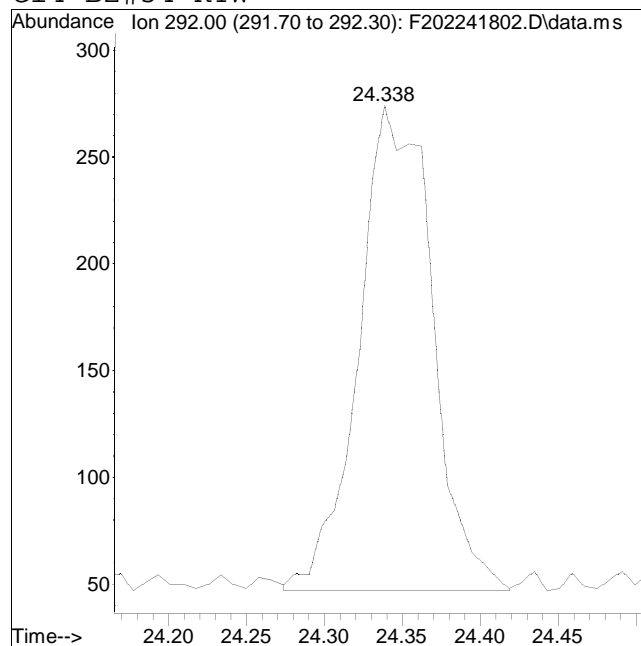
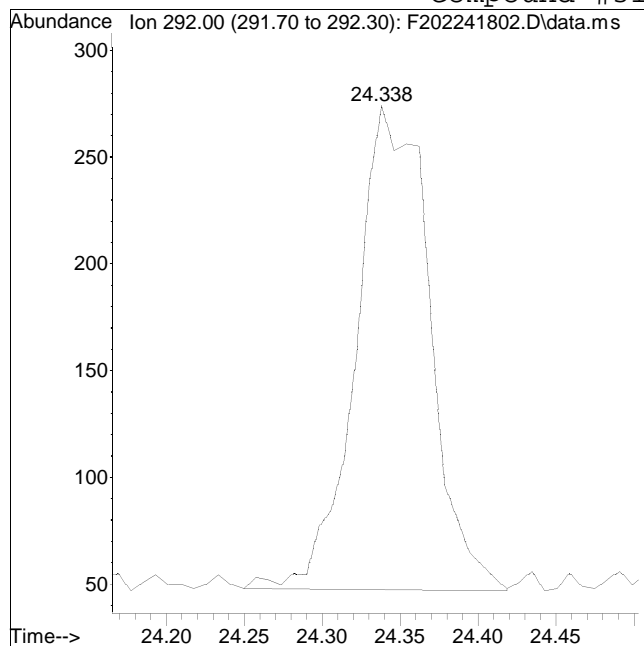
Manual Peak Response = 809 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #31: C14-BZ#54-RTW



Original Peak Response = 744

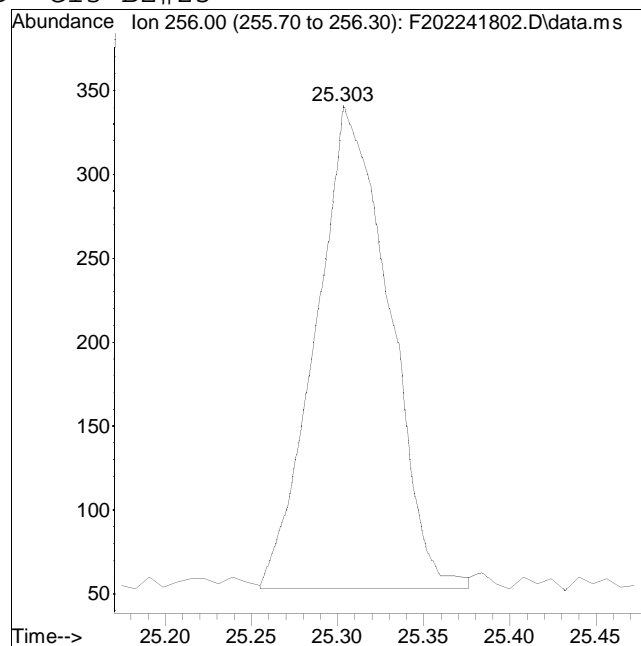
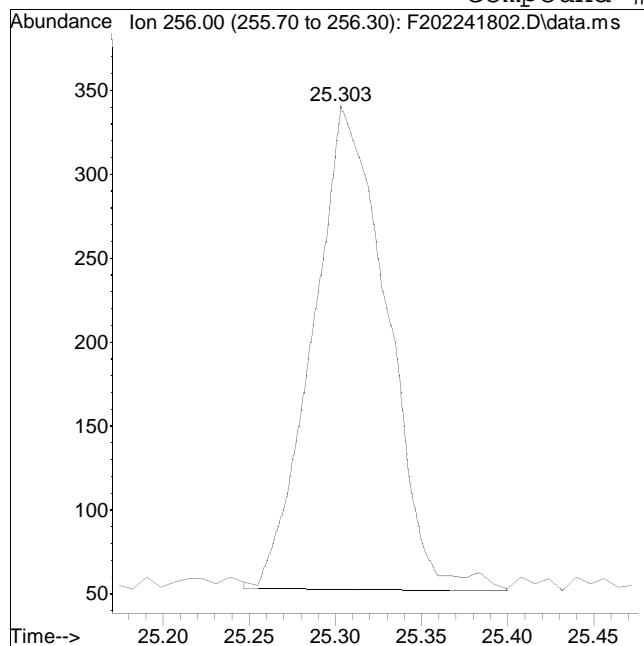
Manual Peak Response = 742 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #39: C13-BZ#25



Original Peak Response = 863

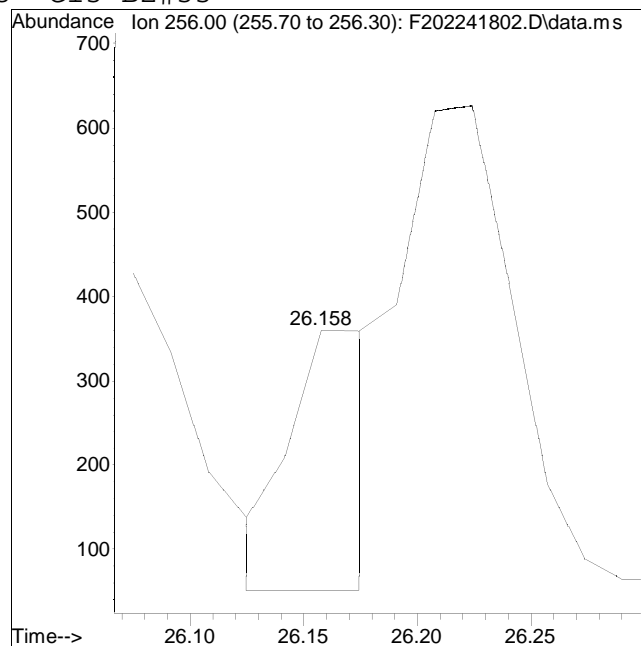
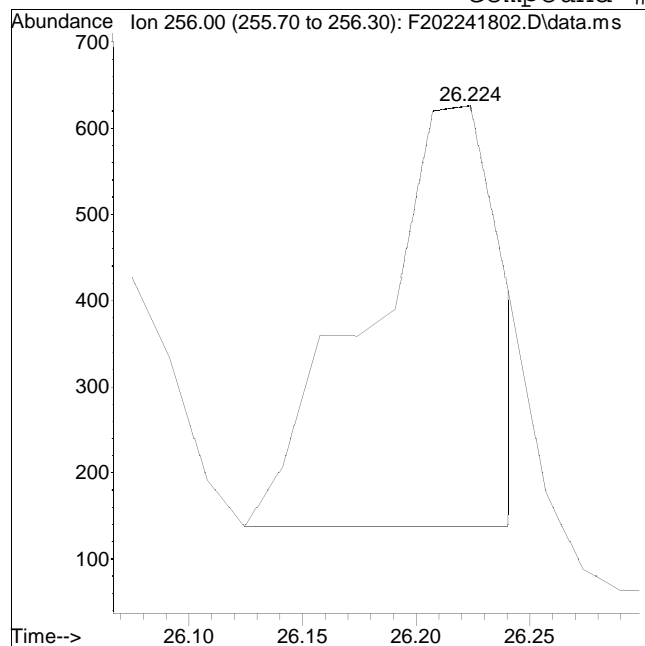
Manual Peak Response = 851 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #43: Cl3-BZ#33



Original Peak Response = 1994

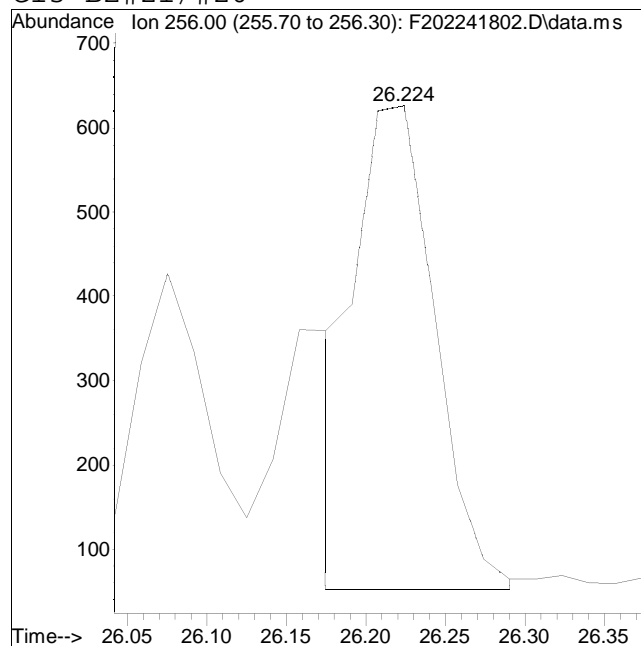
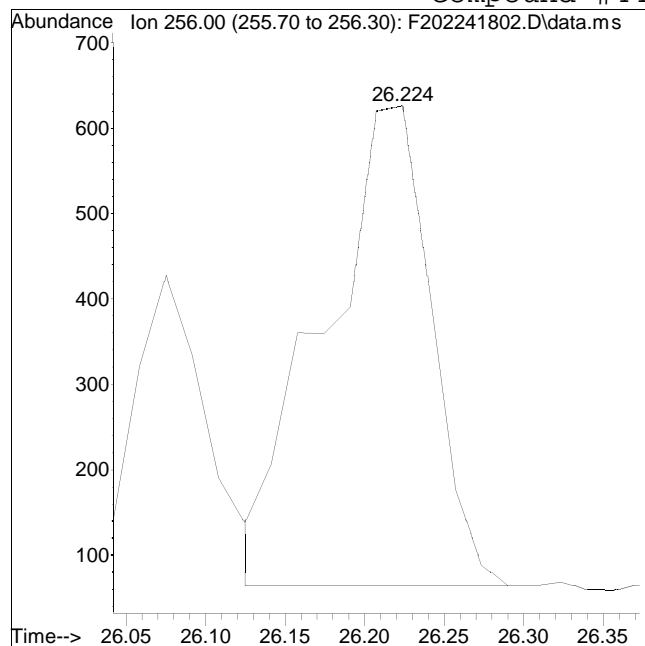
Manual Peak Response = 765 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #44: C13-BZ#21/#20



Original Peak Response = 2644

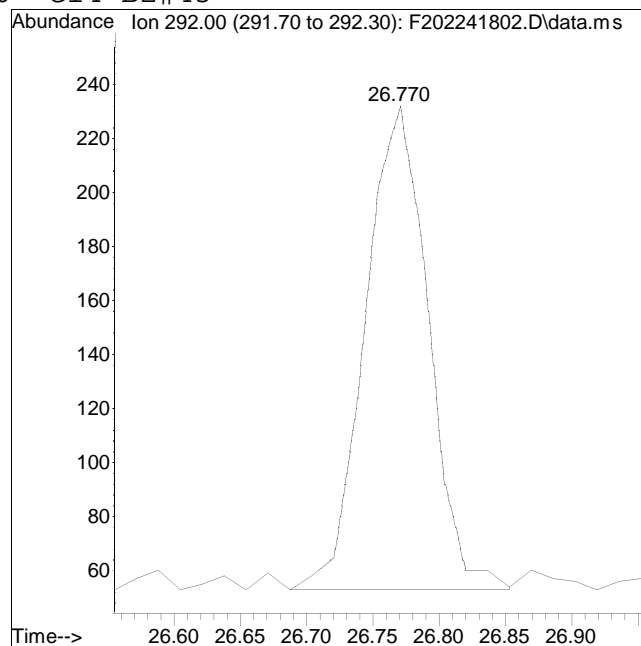
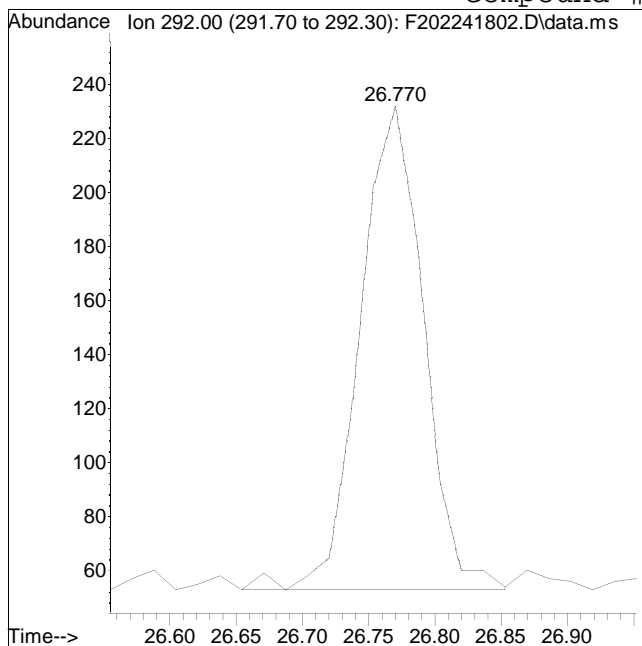
Manual Peak Response = 1999 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #46: Cl4-BZ#45



Original Peak Response = 598

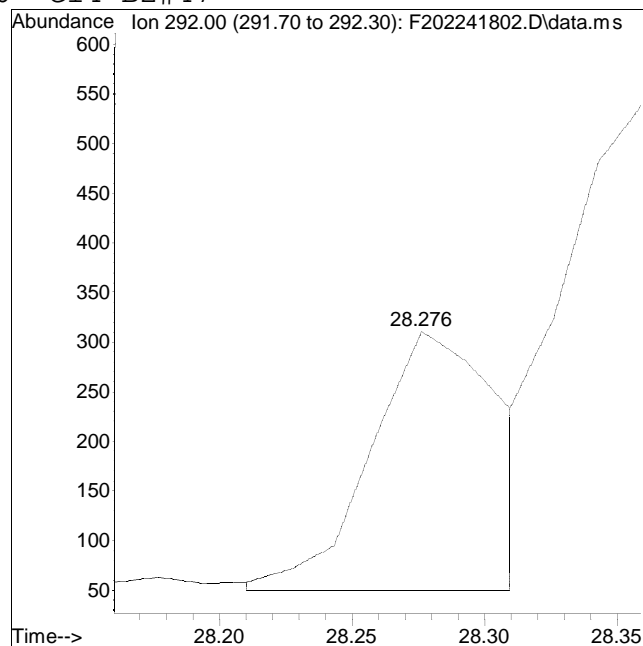
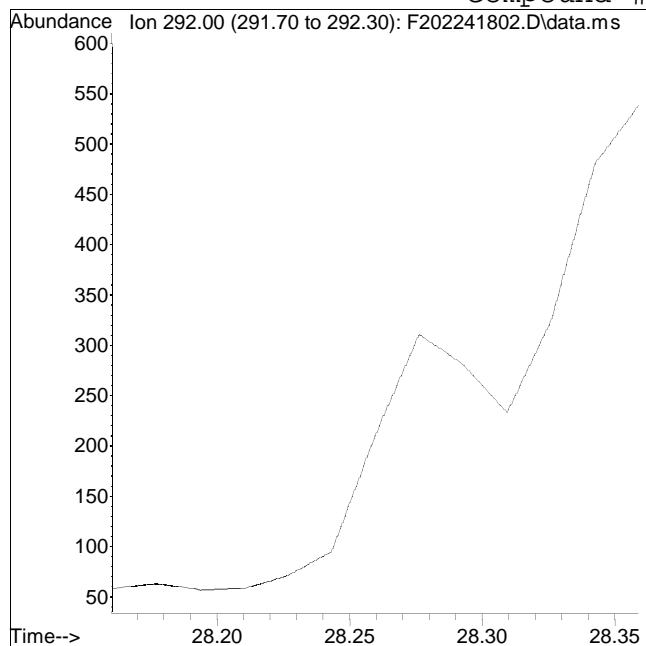
Manual Peak Response = 592 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #56: Cl4-BZ#47



Original Peak Response = 0

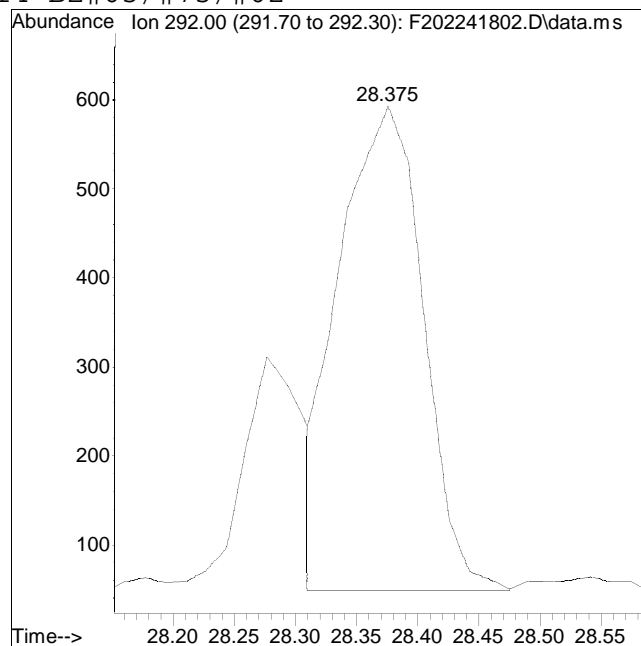
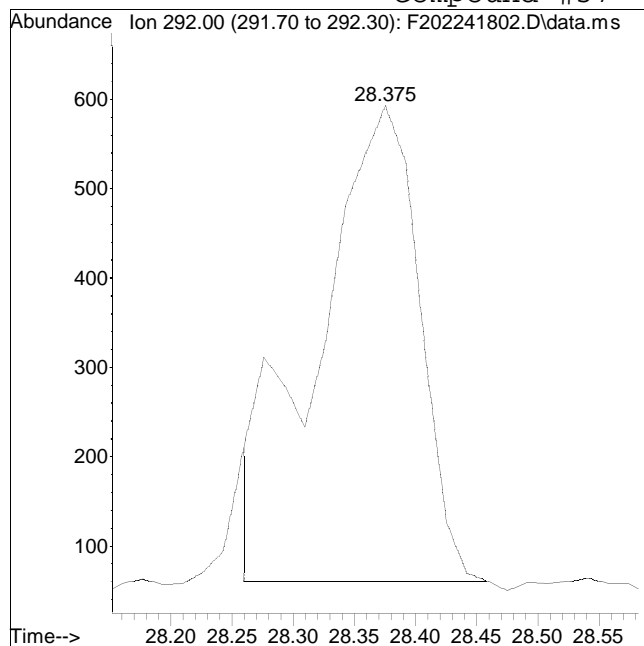
Manual Peak Response = 896 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #57: C14-BZ#65/#75/#62



Original Peak Response = 3101

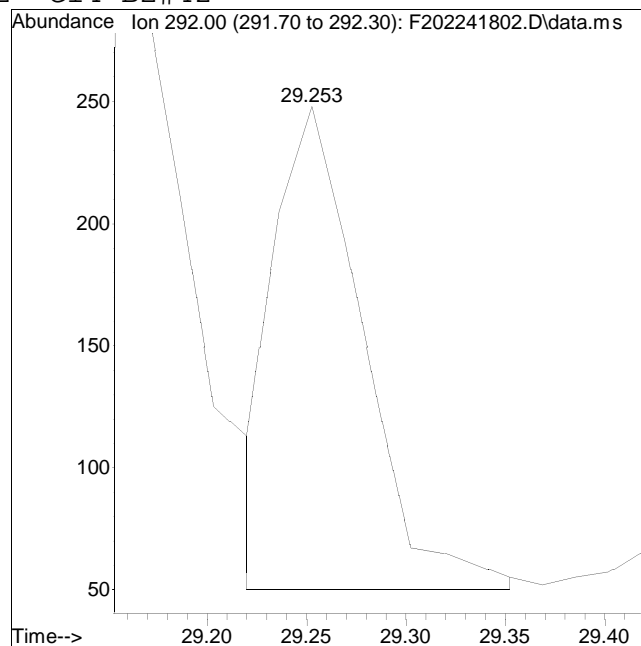
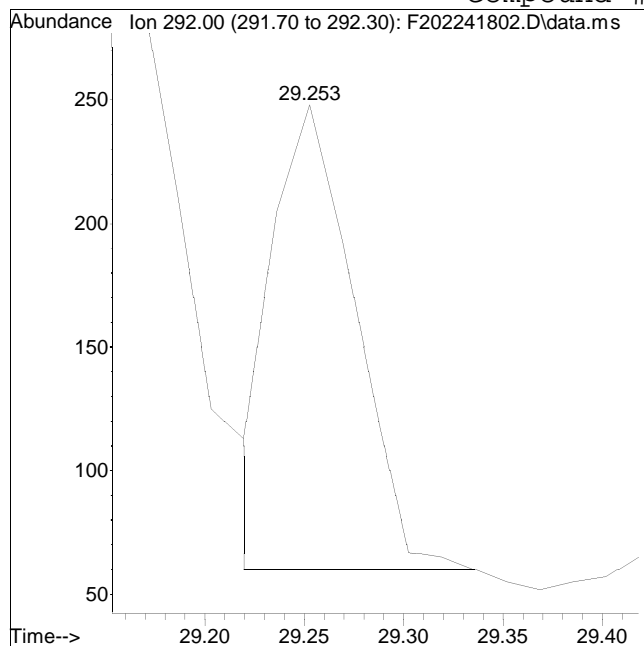
Manual Peak Response = 2573 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #62: Cl4-BZ#42



Original Peak Response = 540

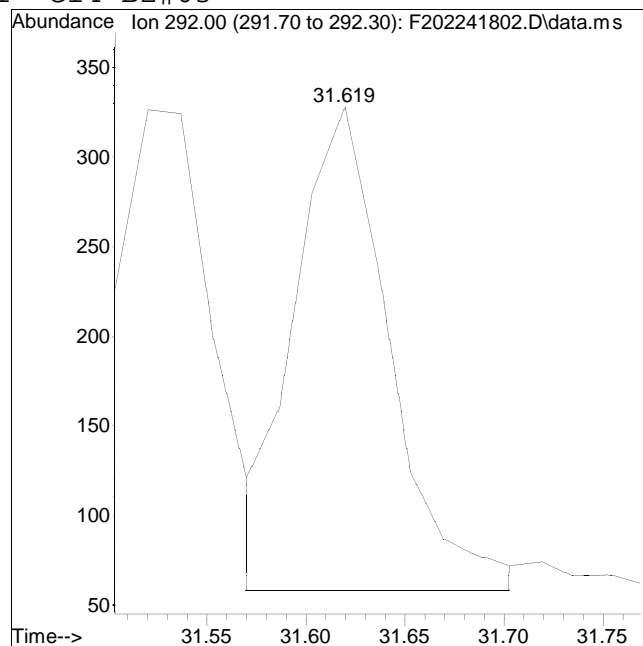
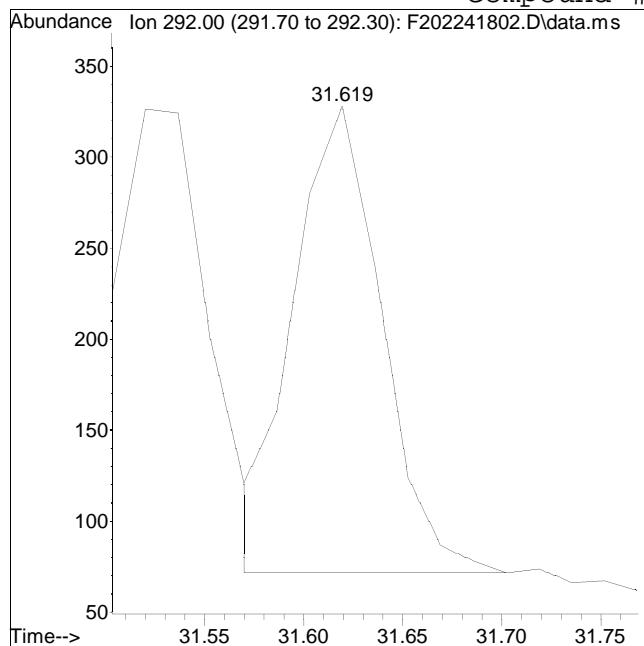
Manual Peak Response = 615 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #81: Cl4-BZ#63



Original Peak Response = 788

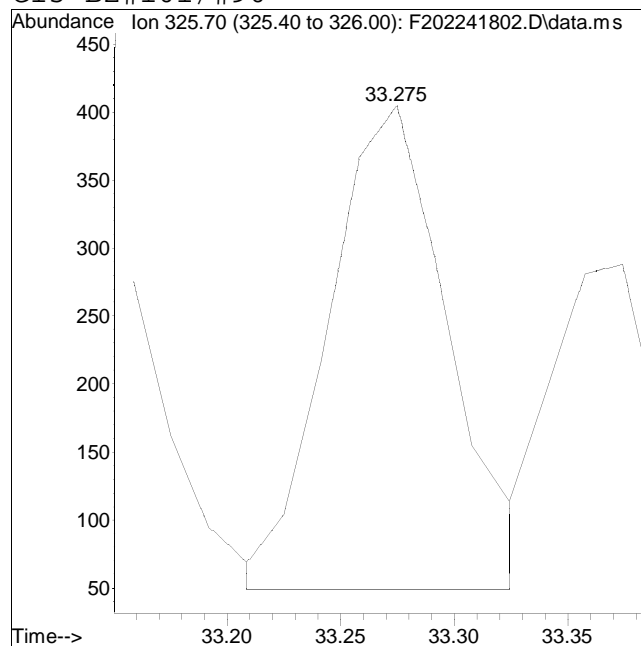
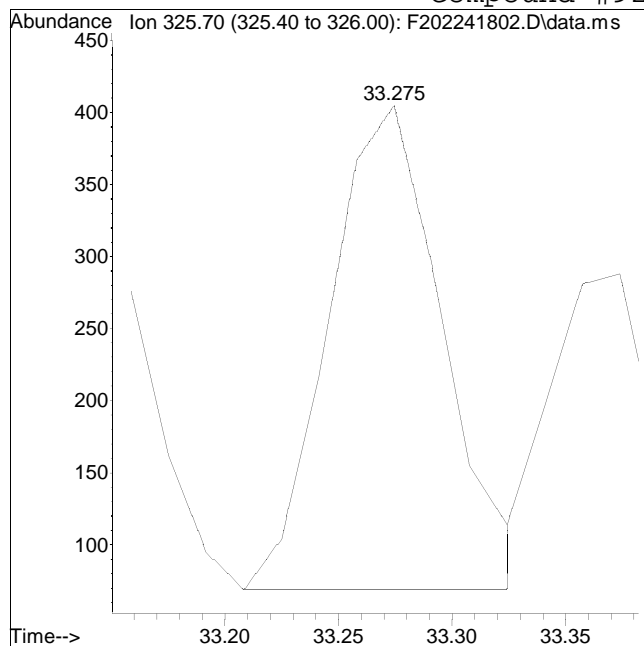
Manual Peak Response = 899 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #92: C15-BZ#101/#90



Original Peak Response = 1165

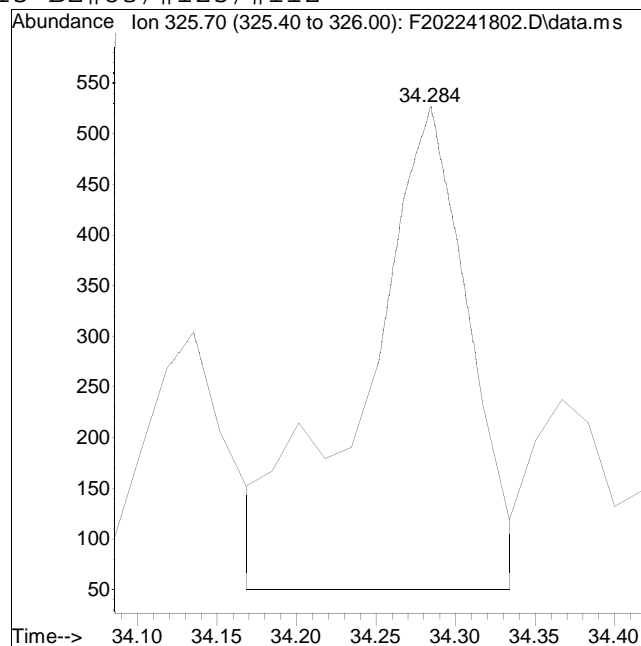
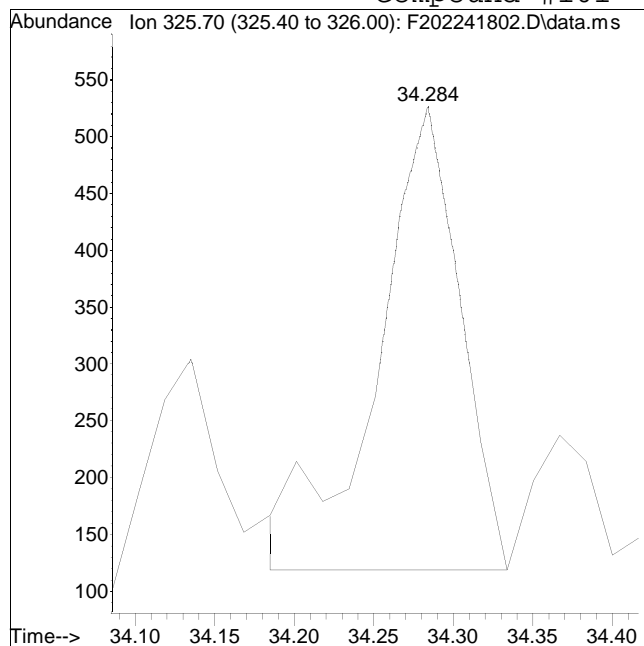
Manual Peak Response = 1304 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #101: C15-BZ#83/#125/#112



Original Peak Response = 1483

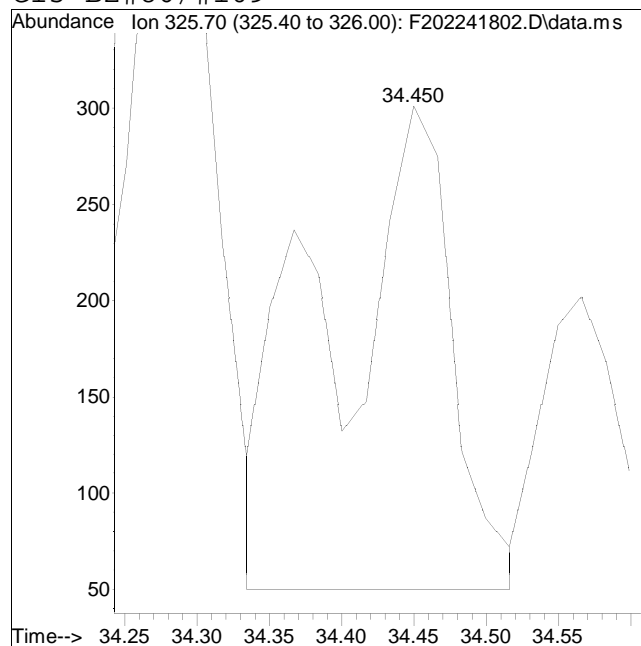
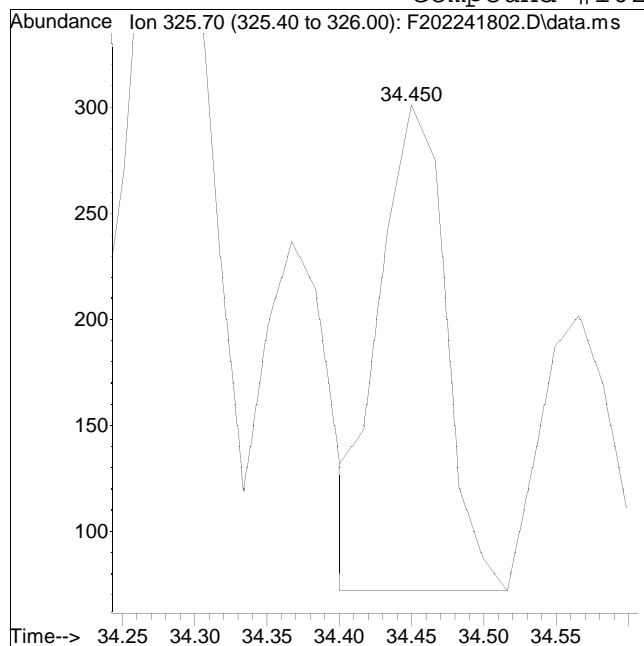
Manual Peak Response = 2215 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #102: C15-BZ#86/#109



Original Peak Response = 737

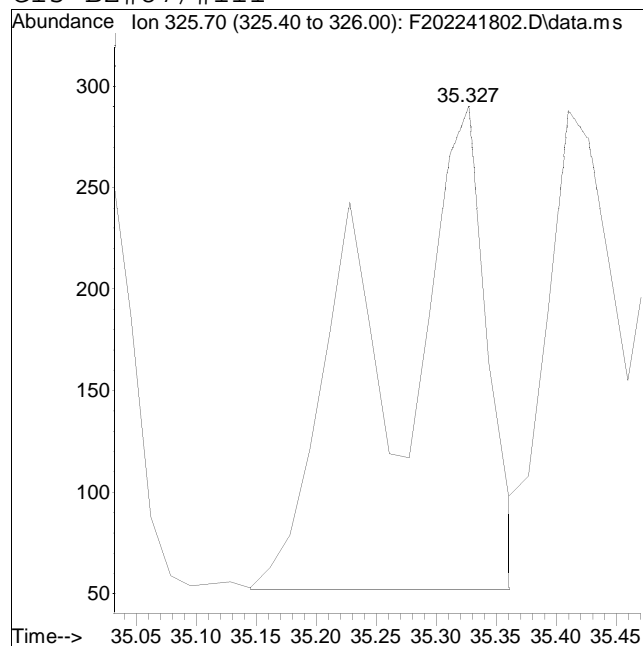
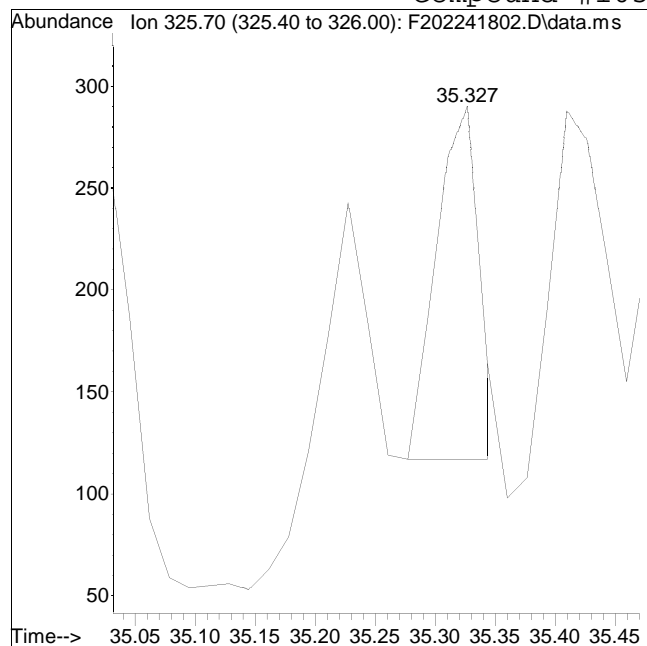
Manual Peak Response = 1466 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #105: C15-BZ#87/#111



Original Peak Response = 434

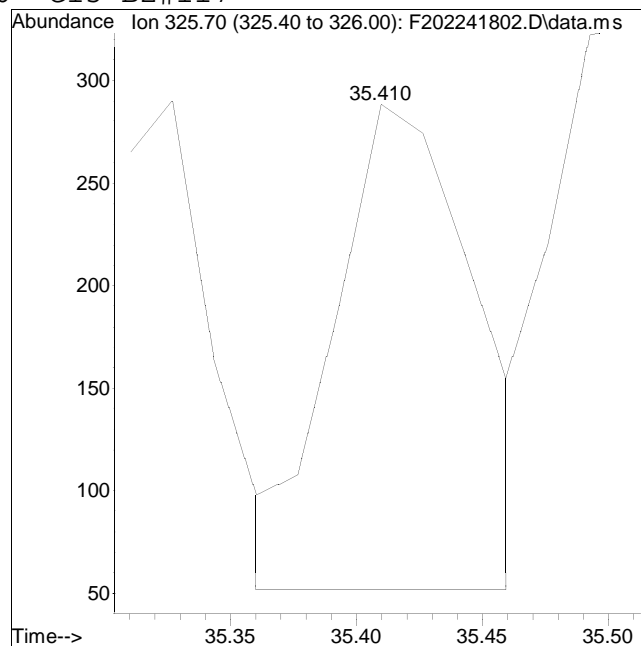
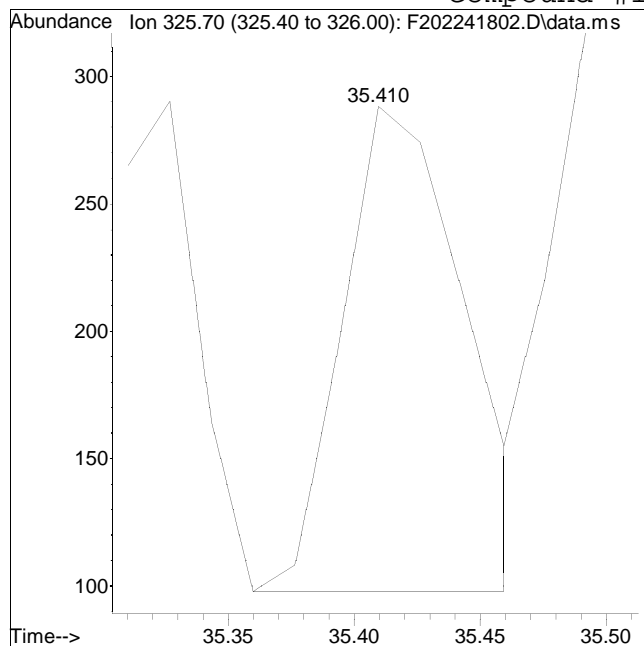
Manual Peak Response = 1420 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #116: C15-BZ#117



Original Peak Response = 638

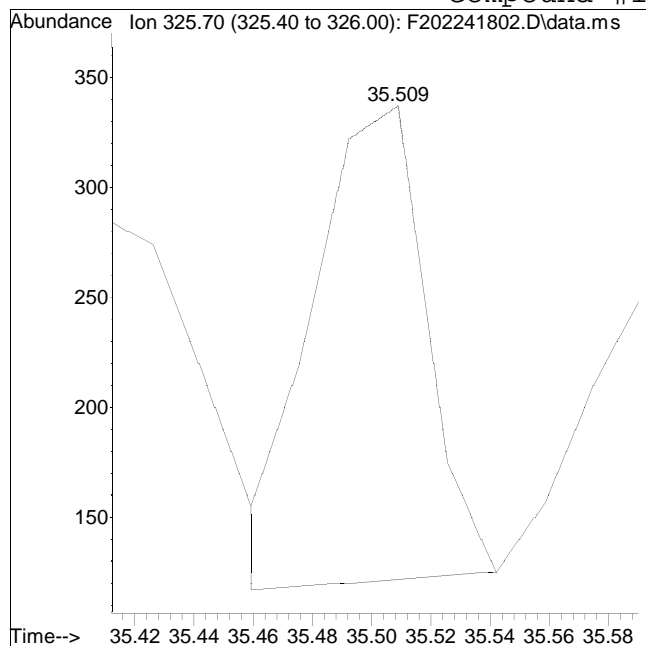
Manual Peak Response = 913 M4

M4 = Poor automated baseline construction.

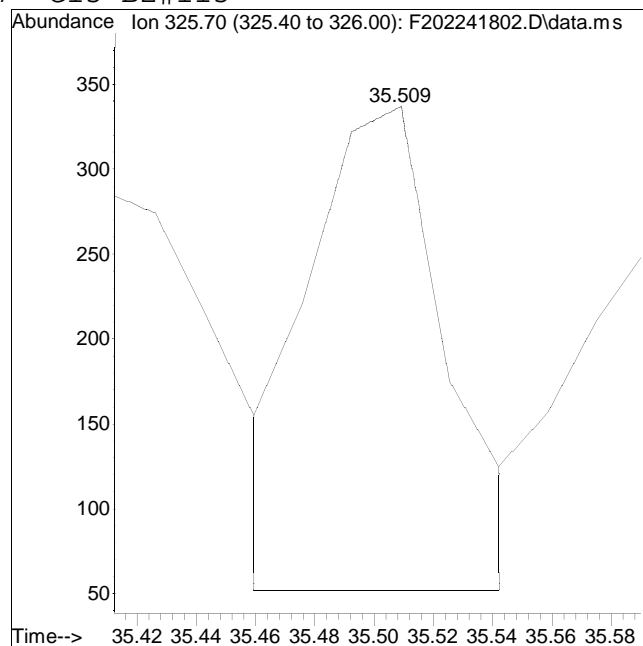
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #117: C15-BZ#115



Original Peak Response = 571



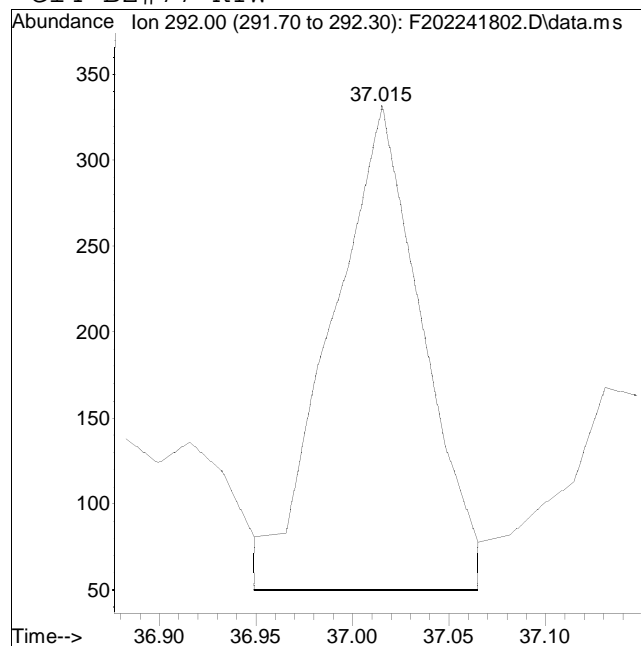
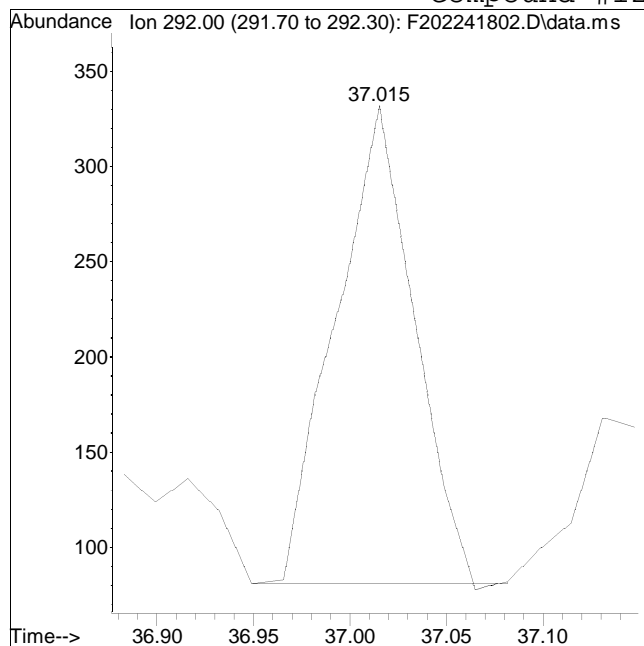
Manual Peak Response = 914 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #128: C14-BZ#77-RTW



Original Peak Response = 709

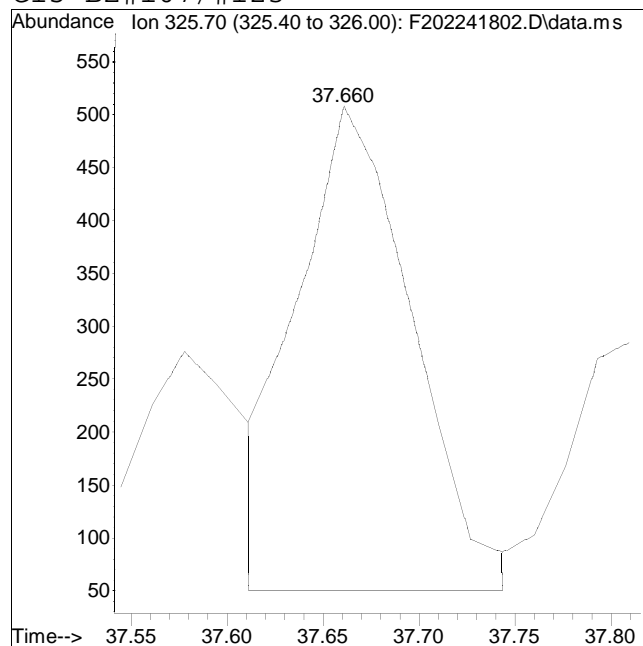
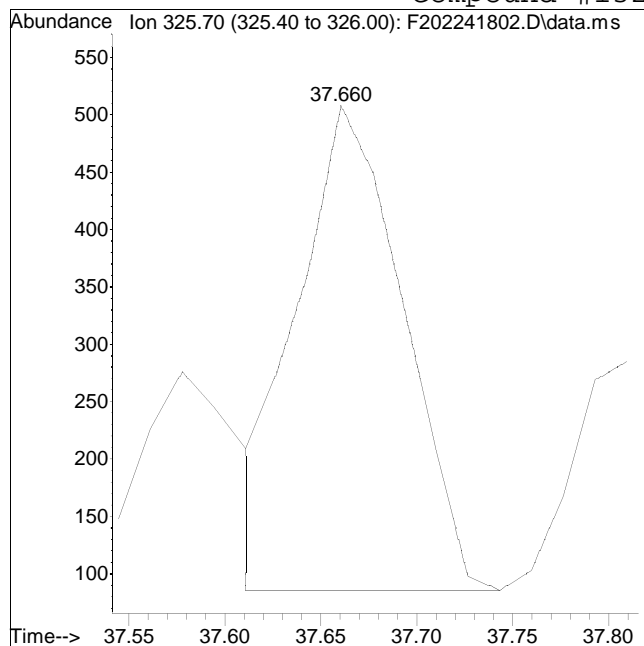
Manual Peak Response = 923 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #132: C15-BZ#107/#123



Original Peak Response = 1624

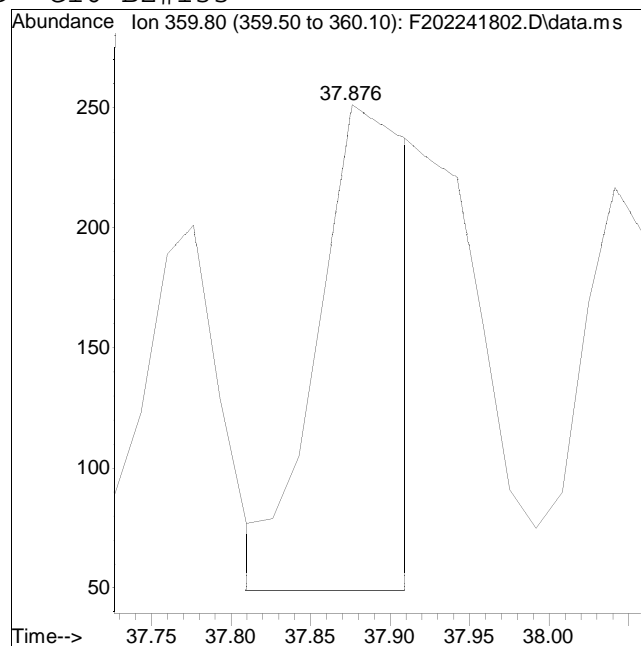
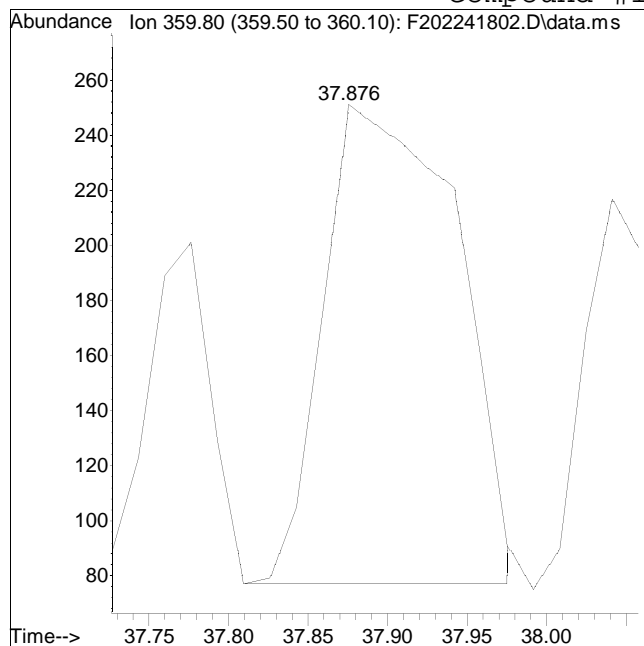
Manual Peak Response = 1902 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #139: Cl6-BZ#133



Original Peak Response = 1014

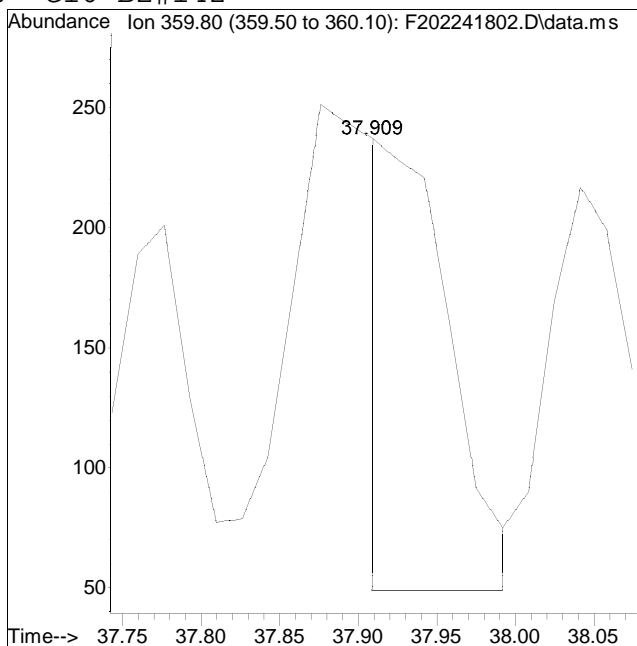
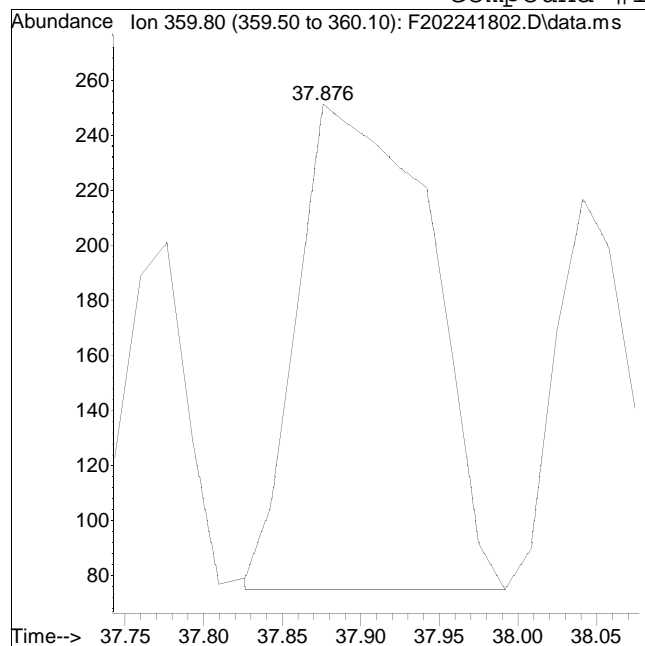
Manual Peak Response = 792 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #140: Cl6-BZ#142



Original Peak Response = 1030

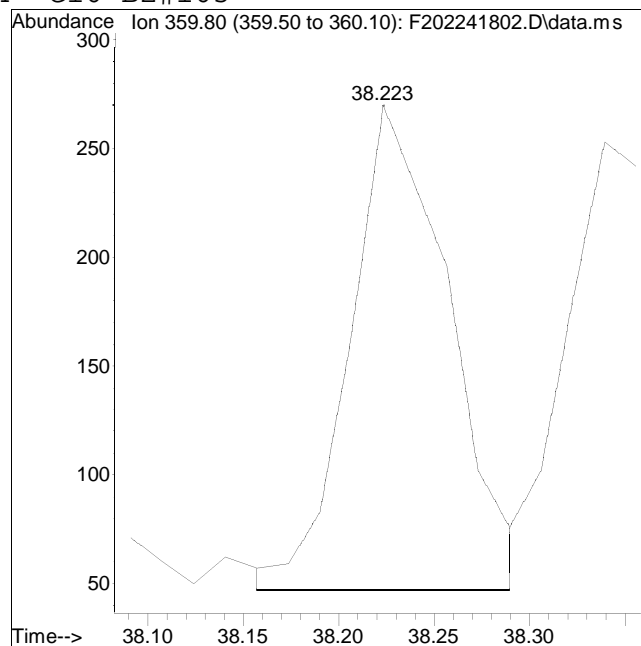
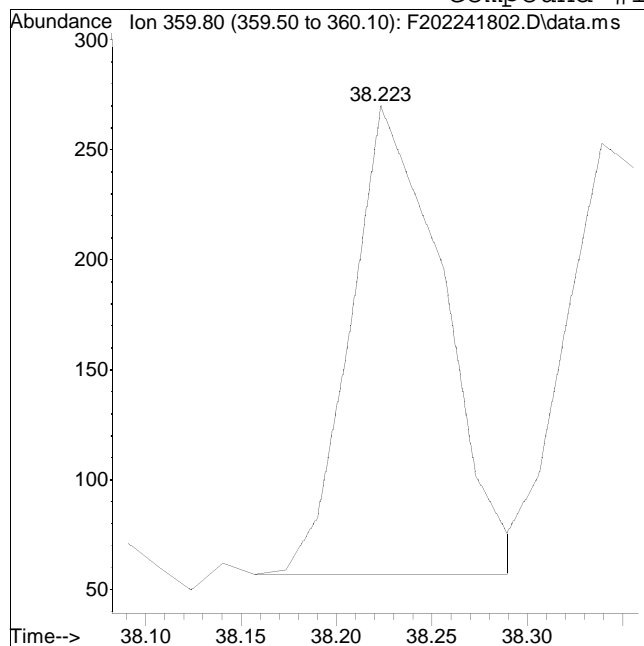
Manual Peak Response = 525 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #144: Cl6-BZ#165



Original Peak Response = 723

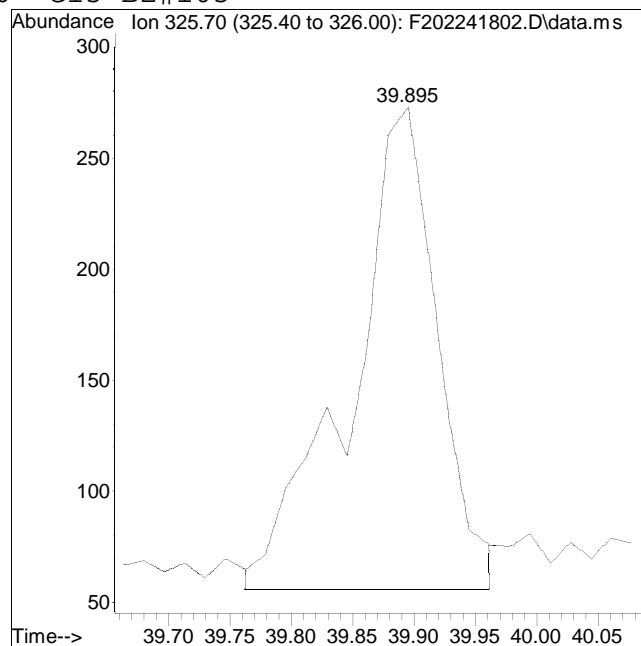
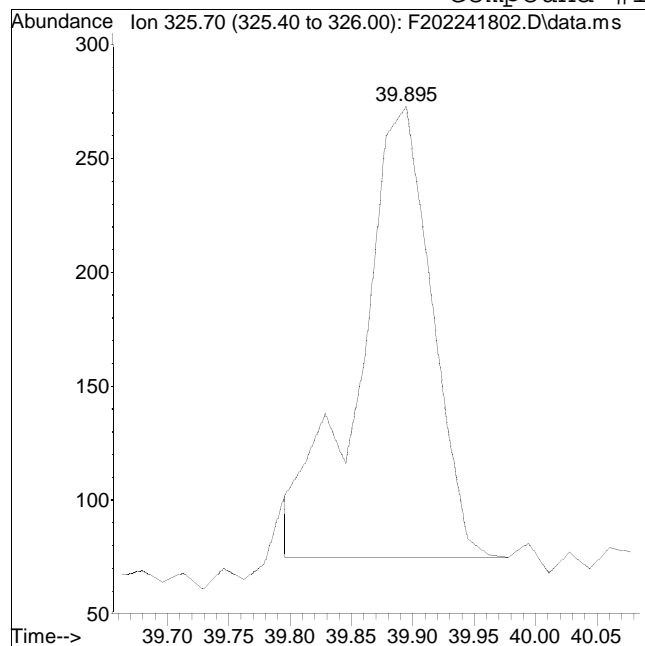
Manual Peak Response = 802 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #156: C15-BZ#105



Original Peak Response = 811

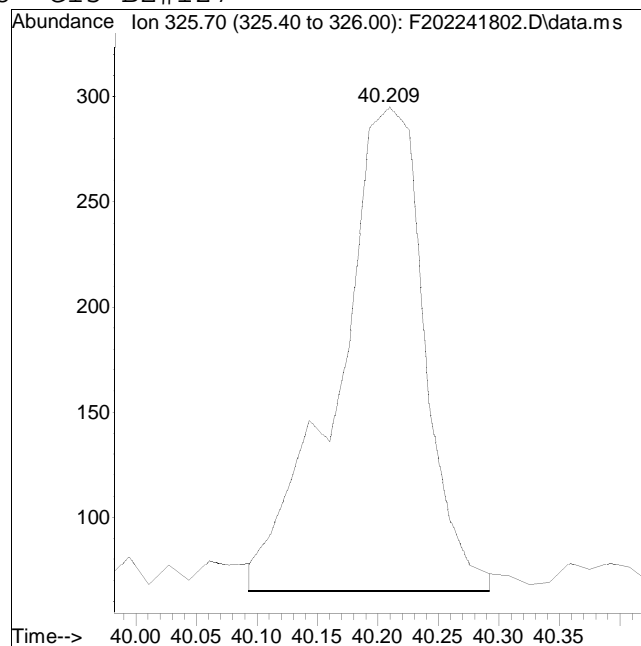
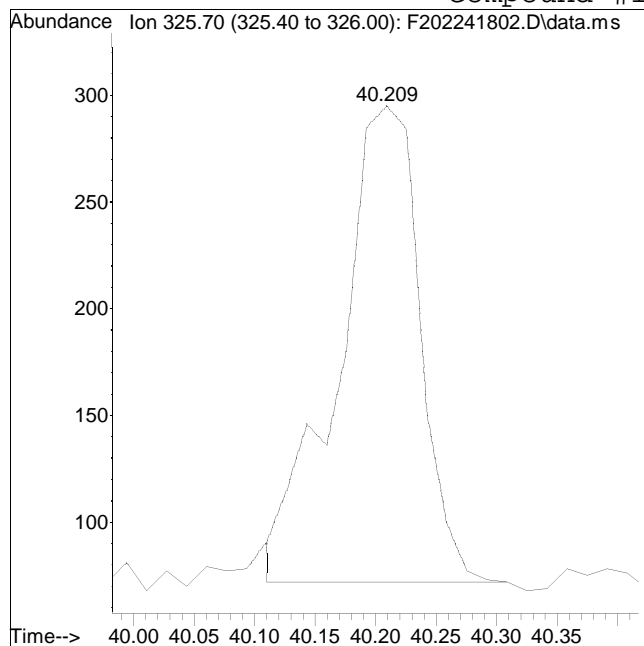
Manual Peak Response = 1062 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #158: C15-BZ#127



Original Peak Response = 1044

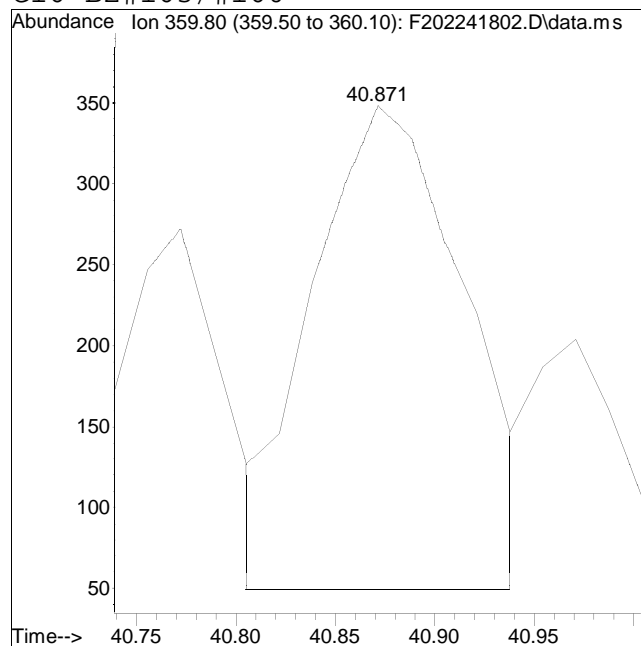
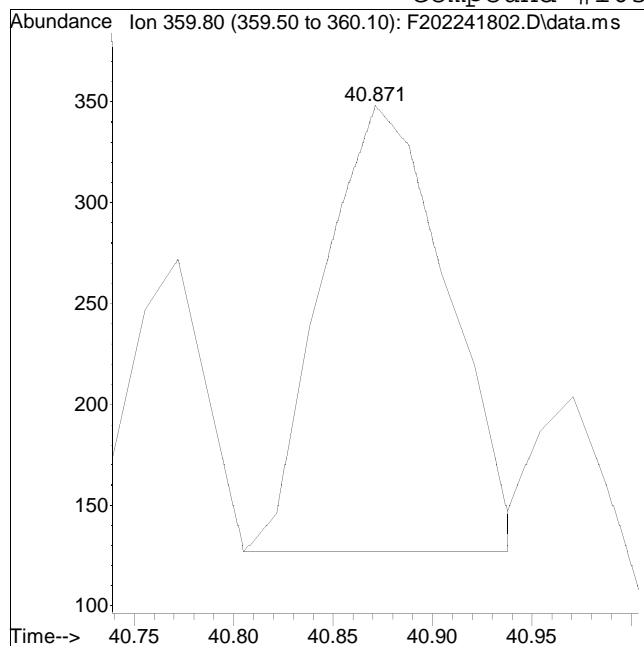
Manual Peak Response = 1146 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #163: Cl6-BZ#163/#160



Original Peak Response = 971

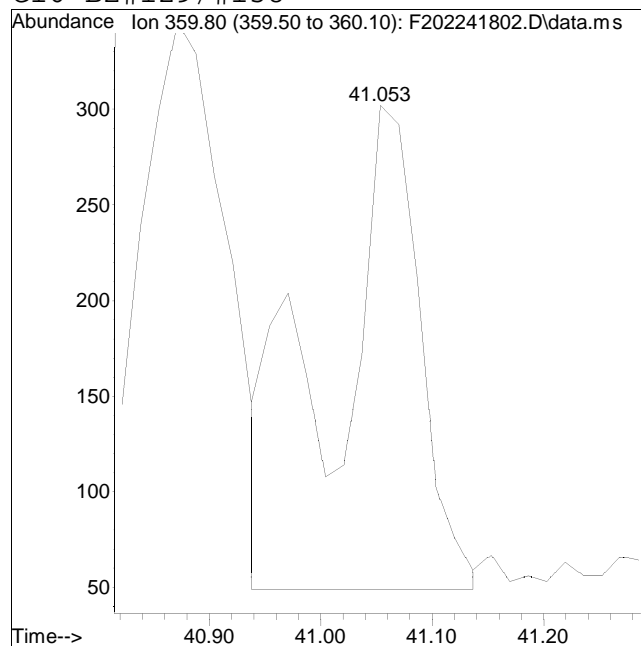
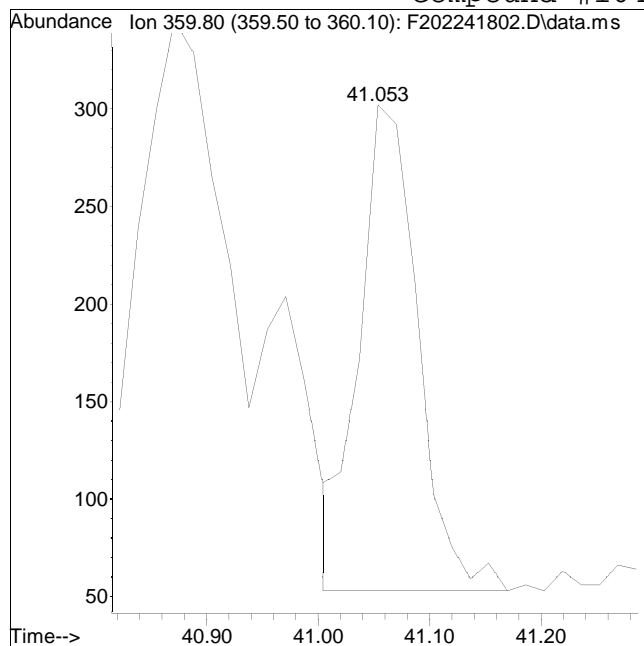
Manual Peak Response = 1591 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #164: Cl6-BZ#129/#158



Original Peak Response = 913

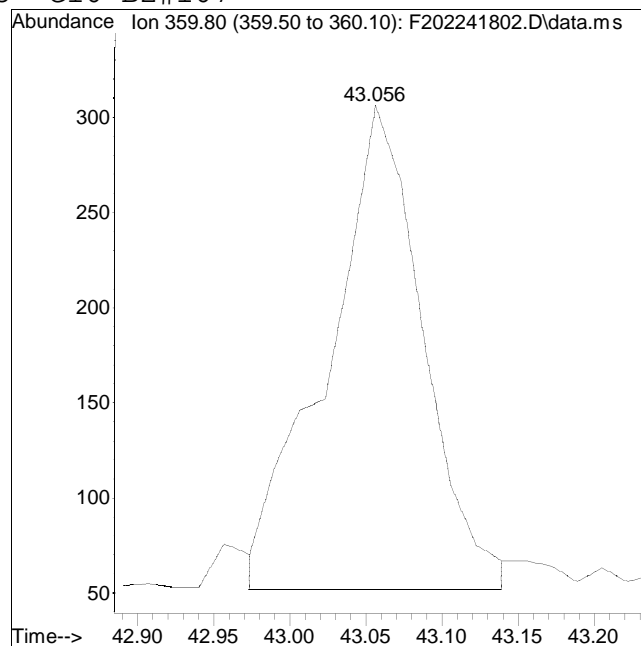
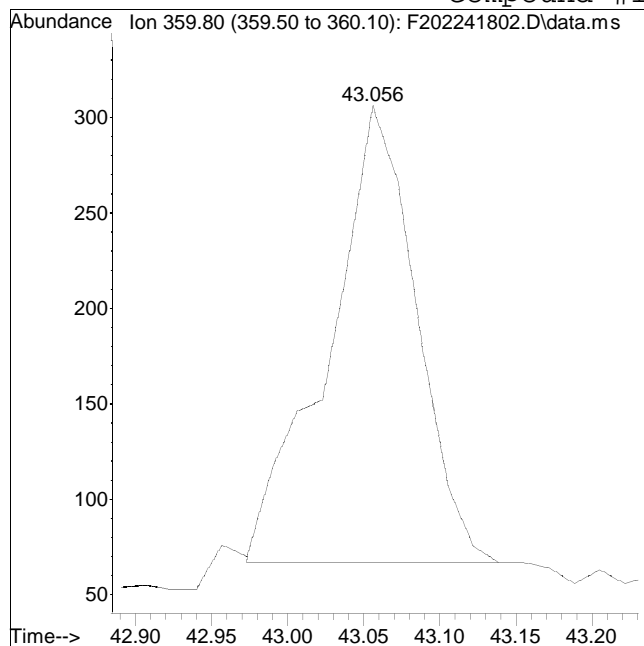
Manual Peak Response = 1391 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #175: Cl6-BZ#167



Original Peak Response = 957

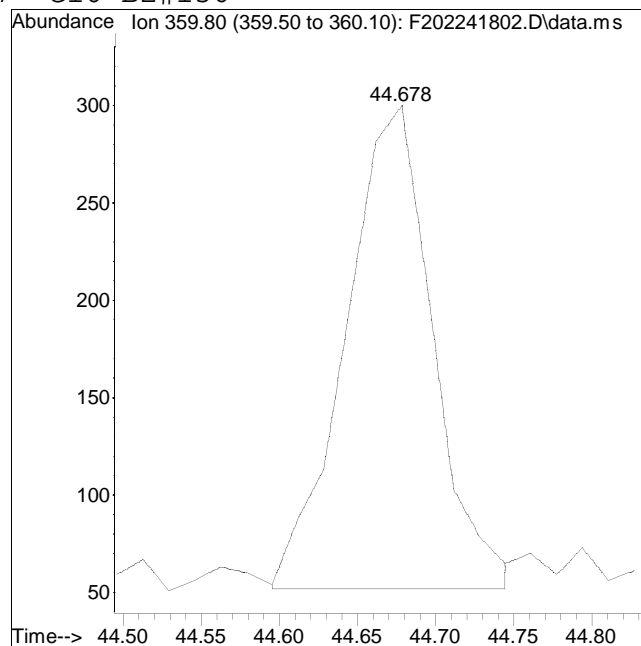
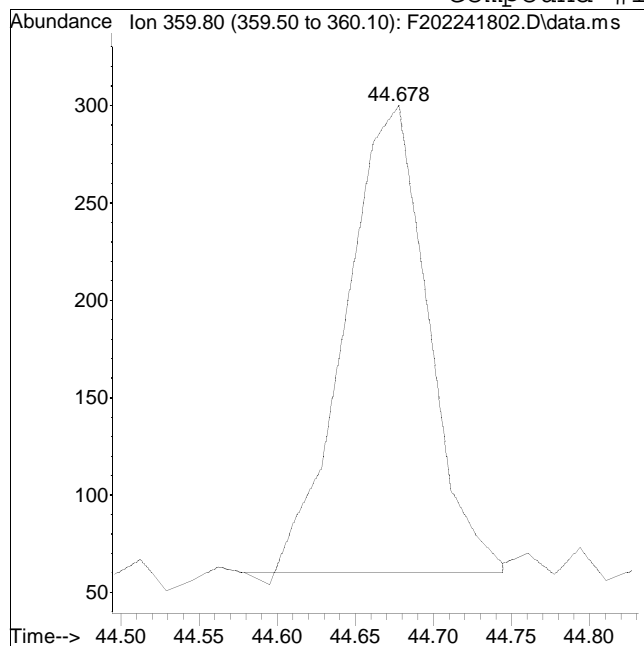
Manual Peak Response = 1106 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #187: Cl6-BZ#156



Original Peak Response = 882

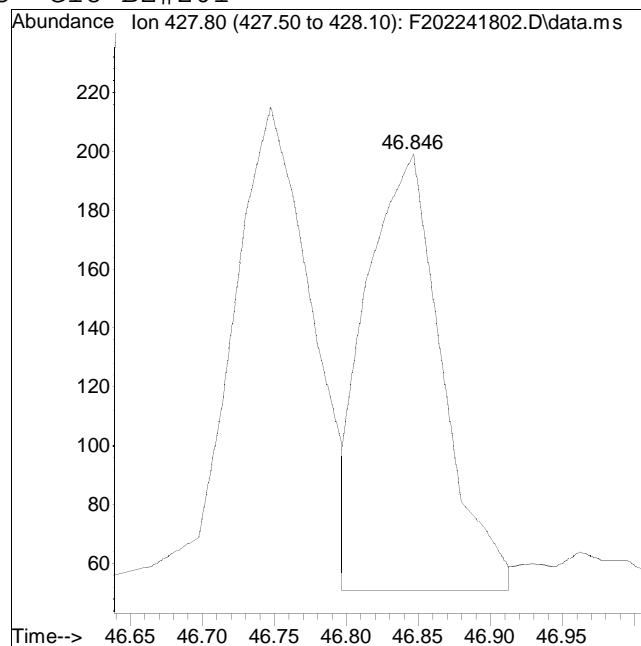
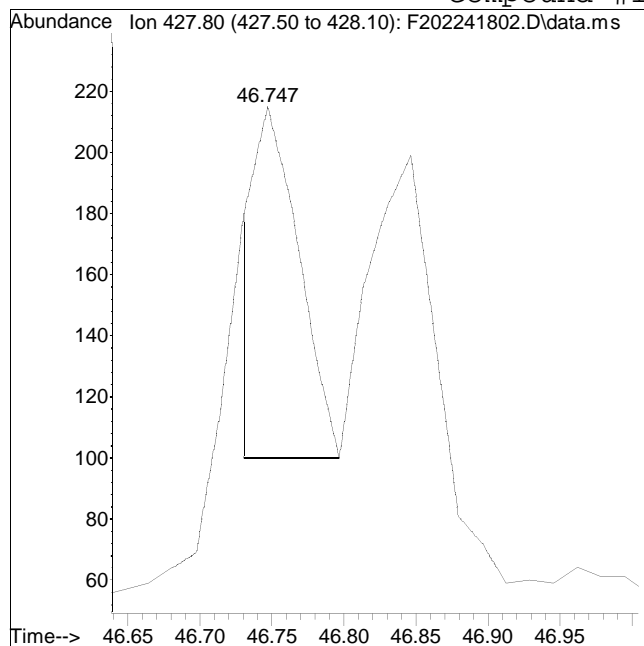
Manual Peak Response = 959 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #195: Cl8-BZ#201



Original Peak Response = 230

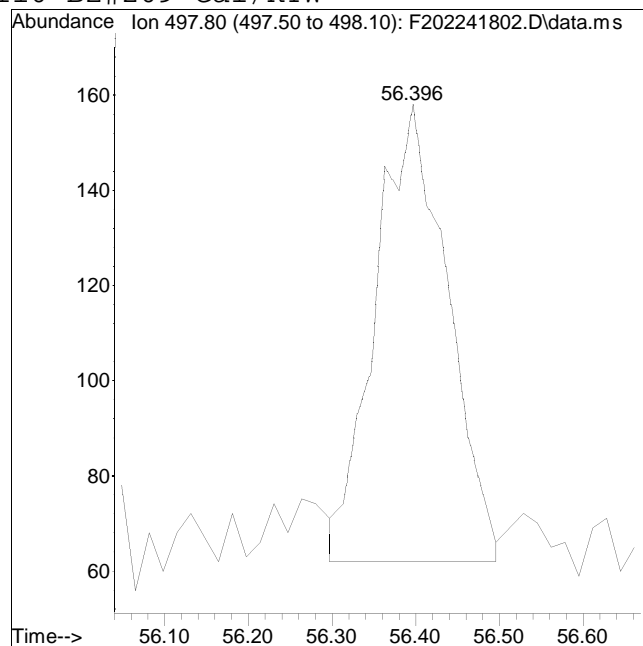
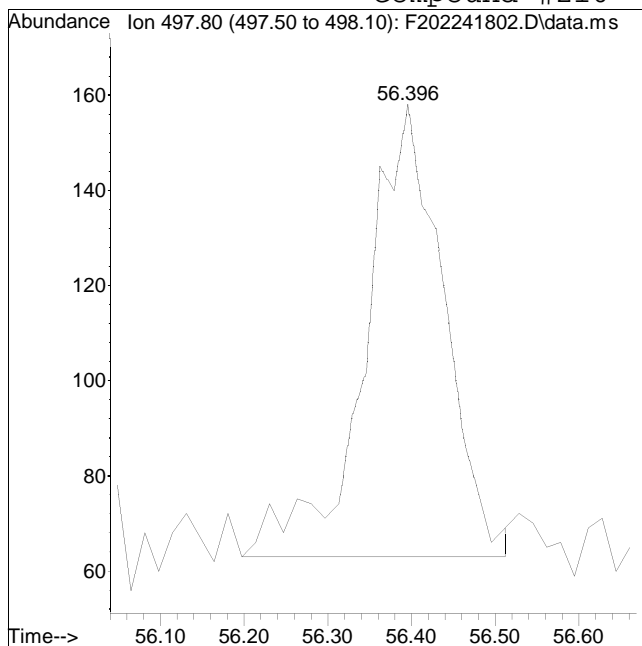
Manual Peak Response = 528 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241802.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 10:14 am Instrument : BNA2
Sample : I202241801 Quant Date : 2/25/2018 10:49 am

Compound #210: Cl10-BZ#209-Cal/RTW



Original Peak Response = 619

Manual Peak Response = 575 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241803.D
 Acq On : 24 Feb 2018 11:28 am
 Operator : BNA2:JT
 Sample : I202241802
 Misc : wgl092764,MSAT60,1.0ug/l
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 26 15:40:00 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.912	234	568374	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.943	406	305395	200.000	ng/mL	0.02	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.993	268	987	0.695	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	0.69%#		
93) C15-BZ#101-C13 (surr)	33.241	338	1374	0.658	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	0.66%#		
151) C16-BZ#153-C13 (surr)	38.786	372	1246	0.569	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	0.57%#		
177) C18-BZ#202-C13 (surr)	42.990	442	1376	0.720	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	0.72%#		
Target Compounds							
3) C11-BZ#1-Cal/RTW	14.583	188	2586	0.673	ng/mL	91	Qvalue
4) Monochlorobiphenyls	0.000		0	N.D.	d		
5) C11- conf Ion	0.000		0	N.D.	d		
6) C11-BZ#2	16.666	188	2691	0.718	ng/mL	98	
7) C11-BZ#3-RTW	17.133	188	2623	0.703	ng/mL	94	
8) C12-BZ#4/#10-RTW	17.551	222	3107	1.298	ng/mL	99	
9) C12-BZ#9	19.111	222	1951	0.692	ng/mL	99	
10) C12-BZ#7	19.207	222	1899	0.698	ng/mL	97	
11) C12-BZ#6	19.642	222	2086	0.698	ng/mL	93	
12) C12-BZ#5	20.084	222	1939	0.673	ng/mL	100	
13) C12-BZ#8	20.229	222	2224	0.702	ng/mL	100	
14) Dichlorobiphenyls	0.000		0	N.D.	d		
15) C12-Conf Ion	0.000		0	N.D.	d		
16) C13-BZ#19-RTW	21.017	256	1100	0.662	ng/mL	100	
17) C12-BZ#14	21.153	222	2095	0.720	ng/mL	96	
18) C13-BZ#30	21.572	256	1738	0.682	ng/mL	100	
19) C13-BZ#18	22.384	256	1239	0.705	ng/mL	92	
20) C12-BZ#11	22.505	222	2207	0.691	ng/mL	99	
21) C13-BZ#17	22.593	256	1098	0.661	ng/mL	97	
22) C12-BZ#12	22.907	222	1922	0.691	ng/mL	96	
23) C13-BZ#27	22.955	256	1546	0.675	ng/mL	99	
24) C12-BZ#13	23.204	222	2375	0.742	ng/mL	95	
25) C13-BZ#24	23.220	256	1608	0.712	ng/mL	100	
26) C13-BZ#16	23.566	256	995	0.688	ng/mL	100	
27) C13-BZ#32	23.767	256	1725	0.698	ng/mL	99	
28) C12-BZ#15-RTW	23.928	222	2482	0.751	ng/mL	97	

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241803.D
 Acq On : 24 Feb 2018 11:28 am
 Operator : BNA2:JT
 Sample : I202241802
 Misc : wgl092764,MSAT60,1.0ug/l
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 26 15:40:00 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) C13-BZ#34	24.161	256	1575	0.688	ng/mL	98
30) C13-BZ#23	24.346	256	1480	0.654	ng/mL	92
31) C14-BZ#54-RTW	24.346	292	1450	0.643	ng/mL	99
32) C13-BZ#29-Cal	24.571	256	1609	0.721	ng/mL	98
33) Trichlorobiphenyls	0.000		0	N.D.	d	
34) C13- Conf Ion	0.000		0	N.D.	d	
35) C14-BZ#50-Cal	25.070	292	1186	0.648	ng/mL	98
36) Tetrachlorobiphenyls	0.000		0	N.D.	d	
37) C14-Conf Ion	0.000		0	N.D.	d	
38) C13-BZ#26	25.102	256	1732	0.717	ng/mL	95
39) C13-BZ#25	25.303	256	1784	0.731	ng/mL	95
40) C14-BZ#53	25.793	292	1329	0.670	ng/mL	94
41) C13-BZ#-31	25.876	256	2560M4	0.830	ng/mL	
42) C13-BZ#28	26.075	256	2352	0.749	ng/mL	100
43) C13-BZ#33	26.174	256	1576M3	0.556	ng/mL	
44) C13-BZ#21/#20	26.224	256	4258M3	1.513	ng/mL	
45) C14-BZ#51	26.207	292	1376	0.635	ng/mL	89
46) C14-BZ#45	26.770	292	1137	0.696	ng/mL	87
47) C13-BZ#22	27.002	256	1999	0.706	ng/mL	94
48) C14-BZ#73/#46	27.151	292	3121	1.401	ng/mL	99
49) C14-BZ#69	27.432	292	1841	0.710	ng/mL	99
50) C14-BZ#43	27.531	292	1230	0.670	ng/mL	98
51) C13-BZ#36	27.564	256	2150	0.659	ng/mL	94
52) C14-BZ#52	27.664	292	1499	0.683	ng/mL	99
53) C14-BZ#48	27.829	292	1300	0.706	ng/mL	99
54) C14-BZ#49	27.978	292	1462	0.728	ng/mL	100
55) C15-BZ#104-RTW	28.193	326	1517	0.697	ng/mL	94
56) C14-BZ#47	28.293	292	1711M3	0.797	ng/mL	
57) C14-BZ#65/#75/#62	28.375	292	5095M3	1.943	ng/mL	
58) C13-BZ#39	28.425	256	2083	0.713	ng/mL	96
59) C13-BZ#38	28.557	256	1931	0.671	ng/mL	96
60) C14-BZ#44	28.938	292	1336	0.757	ng/mL	95
61) C14-BZ#59	29.170	292	1946	0.762	ng/mL	89
62) C14-BZ#42	29.253	292	1099	0.655	ng/mL	98
63) C14-BZ#71	29.484	292	1923	0.703	ng/mL	96
64) C13-BZ#35	29.617	256	2091	0.739	ng/mL	98
65) C14-BZ#41	29.716	292	1075	0.673	ng/mL	94
66) C14-BZ#72	29.848	292	2002	0.707	ng/mL	100
67) C15-BZ#96	29.865	326	1629	0.694	ng/mL	95
68) C15-BZ#103	29.997	326	1190	0.712	ng/mL	99
69) C14-BZ#68/#64	30.146	292	3508	1.338	ng/mL	93

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241803.D
 Acq On : 24 Feb 2018 11:28 am
 Operator : BNA2:JT
 Sample : I202241802
 Misc : wgl092764,MSAT60,1.0ug/l
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 26 15:40:00 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) C14-BZ#40	30.262	292	875	0.688	ng/mL	98
71) C13-BZ#37-RTW	30.477	256	2830	0.761	ng/mL	94
72) C15-BZ#100	30.477	326	1270	0.671	ng/mL	91
73) C15-BZ#94	30.593	326	903	0.624	ng/mL	85
74) C14-BZ#57	30.676	292	1851	0.656	ng/mL	97
75) C14-BZ#67/#58	31.007	292	3797	1.344	ng/mL	98
76) C15-BZ#102	31.057	326	1385	0.664	ng/mL	95
77) C14-BZ#61	31.371	292	1896	0.685	ng/mL	98
78) C15-BZ#98	31.388	326	1268	0.679	ng/mL	100
79) C14-BZ#76	31.520	292	1984	0.653	ng/mL	100
80) C15-BZ#93	31.520	326	947	0.619	ng/mL	85
81) C14-BZ#63	31.619	292	1866M4	0.702	ng/mL	
82) C15-BZ#121/#95/#88	31.686	326	4008	1.998	ng/mL	100
83) C14-BZ#74	31.884	292	2010	0.698	ng/mL	90
84) C16-BZ#155-RTW	32.033	360	1506	0.676	ng/mL	99
85) C14-BZ#70	32.066	292	2048	0.609	ng/mL	92
86) C14-BZ#66	32.348	292	1874	0.693	ng/mL	85
87) C15-BZ#91	32.232	326	1249	0.709	ng/mL	99
88) C14-BZ#80	32.612	292	2019	0.745	ng/mL	98
89) C14-BZ#55	32.811	292	2038	0.728	ng/mL	95
90) C15-BZ#92	32.861	326	1163	0.687	ng/mL	99
91) C15-BZ#89/#84	33.142	326	2306	1.293	ng/mL	98
92) C15-BZ#101/#90	33.274	326	2471M4	1.351	ng/mL	
94) C14-BZ#56	33.258	292	2002	0.696	ng/mL	94
95) C15-BZ#113	33.374	326	1486	0.669	ng/mL	95
96) C15-BZ#99	33.639	326	1451	0.707	ng/mL	97
97) C16-BZ#150	33.688	360	1627	0.691	ng/mL	96
98) C14-BZ#60	33.705	292	2083	0.647	ng/mL	97
99) C16-BZ#152	34.052	360	1746	0.673	ng/mL	96
100) C15-BZ#119	34.135	326	1612	0.625	ng/mL	91
101) C15-BZ#83/#125/#112	34.284	326	4295M4	2.037	ng/mL	
102) C15-BZ#86/#109	34.449	326	2830M1	1.366	ng/mL	
103) C15-BZ#97	34.565	326	1068	0.665	ng/mL	98
104) C15-BZ#116	35.029	326	1490	0.696	ng/mL	98
105) C15-BZ#87/#111	35.310	326	2870M1	1.349	ng/mL	
106) Pentachlorobiphenyls	0.000		0	N.D.	d	
107) C15-Conf Ion	0.000		0	N.D.	d	
108) C16-BZ#145	34.499	360	1765	0.672	ng/mL	99
109) C16-BZ#148	34.698	360	1222	0.701	ng/mL	96
110) C14-BZ#79	34.814	292	1951	0.735	ng/mL	99
111) C16-BZ#154-Cal	35.227	360	1459	0.737	ng/mL	95

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241803.D
 Acq On : 24 Feb 2018 11:28 am
 Operator : BNA2:JT
 Sample : I202241802
 Misc : wgl092764,MSAT60,1.0ug/l
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 26 15:40:00 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112) Hexachlorobiphenyls	0.000		0		N.D.	d
113) Cl6-Conf Ion	0.000		0		N.D.	d
114) Cl4-BZ#78	35.277	292	2361	0.687	ng/mL	89
115) Cl6-BZ#136	35.360	360	1540	0.657	ng/mL	99
116) Cl5-BZ#117	35.409	326	1835M4	0.682	ng/mL	
117) Cl5-BZ#115	35.492	326	1813M4	0.723	ng/mL	
118) Cl5-BZ#85	35.591	326	1230M4	0.755	ng/mL	
119) Cl5-BZ#120	35.724	326	1773	0.716	ng/mL	100
120) Cl5-BZ#110	35.873	326	1758	0.728	ng/mL	100
121) Cl4-BZ#81	36.254	292	2033	0.780	ng/mL	94
123) Cl6-BZ#151	36.254	360	1350	0.763	ng/mL	92
124) Cl6-BZ#135	36.402	360	1260	0.672	ng/mL	90
125) Cl5-BZ#82	36.568	326	1102	0.636	ng/mL	99
126) Cl6-BZ#144	36.601	360	1214	0.637	ng/mL	94
127) Cl6-BZ#147/#149	36.899	360	2662	1.358	ng/mL	98
128) Cl4-BZ#77-RTW	37.015	292	1830M4	0.714	ng/mL	
129) Cl6-BZ#143/#139	37.147	360	2510	1.258	ng/mL	98
130) Cl5-BZ#124	37.296	326	1749	0.682	ng/mL	98
131) Cl5-BZ#108	37.578	326	1801	0.699	ng/mL	95
132) Cl5-BZ#107/#123	37.677	326	3663M4	1.340	ng/mL	
133) Cl6-BZ#140	37.329	360	1320	0.697	ng/mL	96
134) Cl7-BZ#188-Cal/RTW	37.677	394	1468	0.632	ng/mL	99
135) Heptachlorobiphenyls	0.000		0		N.D.	d
136) Cl7-Conf Ion	0.000		0		N.D.	d
137) Cl6-BZ#134	37.776	360	1004	0.615	ng/mL	87
138) Cl5-BZ#106	37.809	326	1587	0.583	ng/mL	91
139) Cl6-BZ#133	37.892	360	1370M4	0.650	ng/mL	
140) Cl6-BZ#142	37.925	360	973M3	0.636	ng/mL	
141) Cl5-BZ#118	38.041	326	1659	0.678	ng/mL	93
142) Cl6-BZ#131	38.041	360	1115	0.692	ng/mL	99
143) Cl7-BZ#184	38.173	394	1506	0.668	ng/mL	100
144) Cl6-BZ#165	38.240	360	1583	0.680	ng/mL	95
145) Cl6-BZ#146	38.339	360	1392	0.703	ng/mL	97
146) Cl6-BZ#161	38.521	360	1749	0.671	ng/mL	94
147) Cl5-BZ#122	38.504	326	1536	0.686	ng/mL	97
148) Cl6-BZ#168	38.736	360	1672	0.682	ng/mL	96
149) Cl5-BZ#114	38.786	326	1624	0.637	ng/mL	97
150) Cl6-BZ#153	38.802	360	1545M3	0.684	ng/mL	
152) Cl6-BZ#132	39.067	360	1298	0.712	ng/mL	96
153) Cl7-BZ#179	39.332	394	1586	0.716	ng/mL	97
154) Cl6-BZ#141	39.630	360	1237	0.757	ng/mL	99

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241803.D
 Acq On : 24 Feb 2018 11:28 am
 Operator : BNA2:JT
 Sample : I202241802
 Misc : wgl092764,MSAT60,1.0ug/l
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 26 15:40:00 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
155) C17-BZ#176	39.828	394	1504	0.717	ng/mL	89
156) C15-BZ#105	39.895	326	2276M4	0.799	ng/mL	
157) C16-BZ#137	40.060	360	1256	0.702	ng/mL	98
158) C15-BZ#127	40.209	326	2424M4	0.763	ng/mL	
159) C17-BZ#186	40.159	394	1562	0.644	ng/mL	96
160) C16-BZ#130/#164	40.408	360	2913	1.413	ng/mL	98
161) C17-BZ#178	40.706	394	1123	0.726	ng/mL	98
162) C16-BZ#138	40.772	360	1522M4	0.705	ng/mL	
163) C16-BZ#163/#160	40.871	360	3369M4	1.419	ng/mL	
164) C16-BZ#129/#158	41.053	360	2877M1	1.371	ng/mL	
165) C17-BZ#182/#175	41.103	394	2468	1.307	ng/mL	100
166) C17-BZ#187	41.268	394	1385	0.744	ng/mL	98
167) C17-BZ#183	41.666	394	1257	0.788	ng/mL	96
168) C16-BZ#166	42.030	360	1823	0.726	ng/mL	99
169) C16-BZ#159	42.278	360	1906	0.785	ng/mL	92
170) C15-BZ#126-RTW	42.493	326	2321	0.764	ng/mL	94
171) C17-BZ#185	42.526	394	1096	0.680	ng/mL	93
172) C16-BZ#162	42.609	360	1562	0.667	ng/mL	93
173) C17-BZ#174	42.758	394	1150	0.688	ng/mL	96
174) C16-BZ#128	42.758	360	1179	0.639	ng/mL	97
175) C16-BZ#167	43.072	360	2278M4	0.738	ng/mL	
176) C18-BZ#202-RTW	43.006	428	1233	0.664	ng/mL	89
178) C17-BZ#181	43.139	394	1235	0.678	ng/mL	94
179) C17-BZ#177	43.486	394	1099	0.707	ng/mL	100
180) C18-BZ#204/#200-Cal	43.569	428	2531	1.361	ng/mL	100
181) Octachlorobiphenyls	0.000		0	N.D.	d	
182) C18-Conf Ion	0.000		0	N.D.	d	
183) C17-BZ#171	43.784	394	1133	0.805	ng/mL	96
184) C17-BZ#173	43.999	394	1186	0.793	ng/mL	95
185) C17-BZ#172	44.446	394	1194	0.750	ng/mL	97
186) C17-BZ#192	44.661	394	1613	0.739	ng/mL	100
187) C16-BZ#156	44.678	360	1678	0.700	ng/mL	97
188) C16-BZ#157	44.926	360	1842	0.742	ng/mL	98
189) C17-BZ#180	44.959	394	1464	0.694	ng/mL	99
190) C17-BZ#193	45.042	394	1565	0.650	ng/mL	100
191) C18-BZ#197	44.099	428	1299	0.697	ng/mL	86
192) C17-BZ#191	45.389	394	1523	0.761	ng/mL	98
193) C18-BZ#199	45.207	428	1380	0.765	ng/mL	90
194) C18-BZ#198	46.747	428	1052	0.773	ng/mL	80
195) C18-BZ#201	46.846	428	934	0.694	ng/mL	98
196) C17-BZ#170	46.962	394	1200	0.904	ng/mL	90

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241803.D
 Acq On : 24 Feb 2018 11:28 am
 Operator : BNA2:JT
 Sample : I202241802
 Misc : wgl092764,MSAT60,1.0ug/l
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 26 15:40:00 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
197) C17-BZ#190	47.293	394	1631	0.749	ng/mL	97
198) C18-BZ#196	47.293	428	1048	0.738	ng/mL	95
199) C18-BZ#203	47.376	428	1127	0.762	ng/mL	88
200) C16-BZ#169-RTW	47.657	360	2071	0.859	ng/mL	95
201) C19-BZ#208-RTW	48.799	464	1411	0.783	ng/mL	98
202) C19-BZ#207	49.478	464	1361	0.738	ng/mL	99
203) C17-BZ#189-RTW	49.660	394	1568	0.867	ng/mL	93
204) C18-BZ#195	49.809	428	1164M4	0.884	ng/mL	
205) C18-BZ#194	51.480	428	1158	0.854	ng/mL	81
206) C18-BZ#205-RTW	52.076	428	1370	0.869	ng/mL	90
207) C19-BZ#206-Cal/RTW	54.095	464	1140	0.825	ng/mL	96
208) Nonachlorobiphenyls	0.000		0	N.D.	d	
209) C19-Conf Ion	0.000		0	N.D.	d	
210) C110-BZ#209-Cal/RTW	56.396	498	1128	0.779	ng/mL#	73
211) Decachlorobiphenyl	0.000		0	N.D.	d	
212) C110-Conf Ion	0.000		0	N.D.	d	

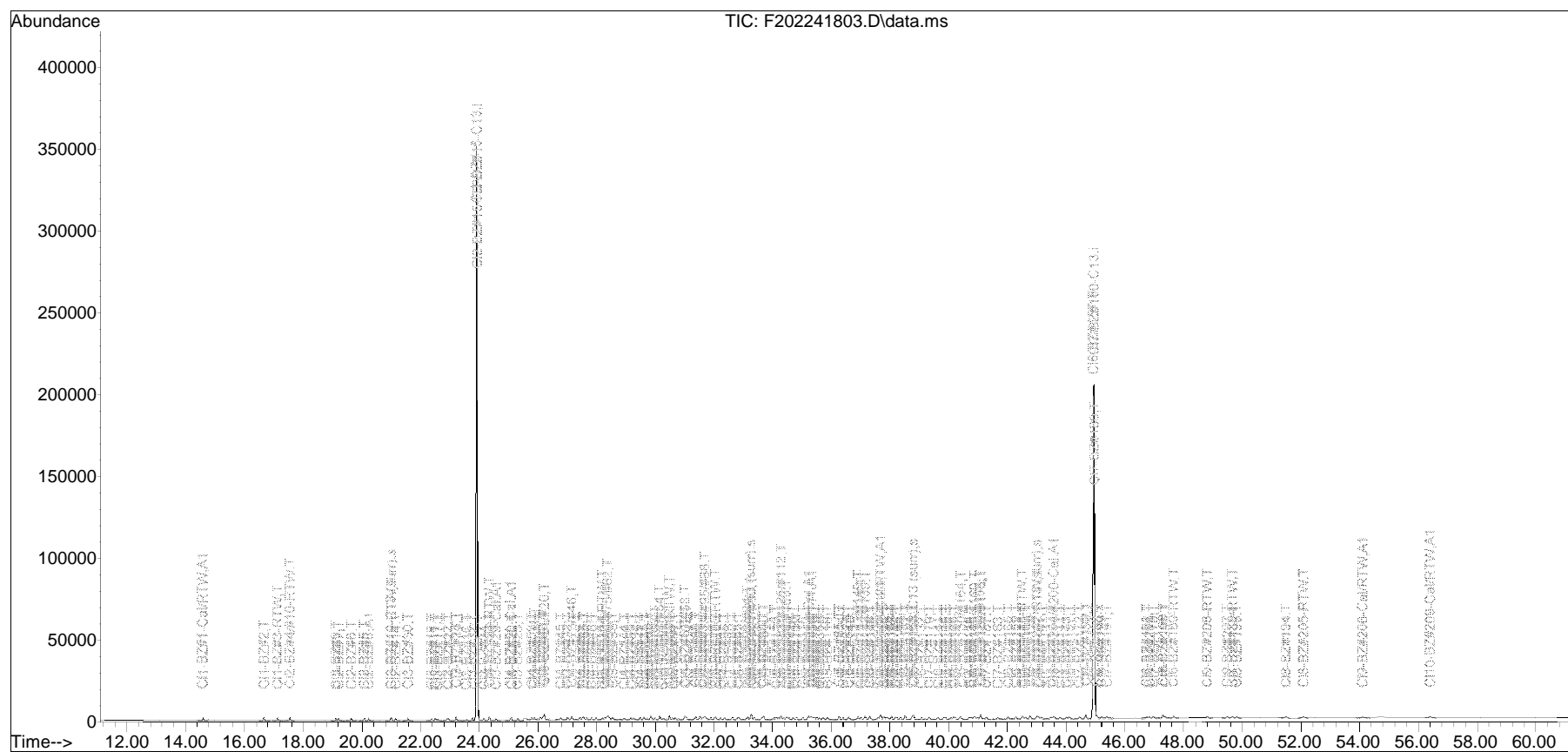
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241803.D
 Acq On : 24 Feb 2018 11:28 am
 Operator : BNA2:JT
 Sample : I202241802
 Misc : wg1092764,MSAT60,1.0ug/l
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 26 15:40:00 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

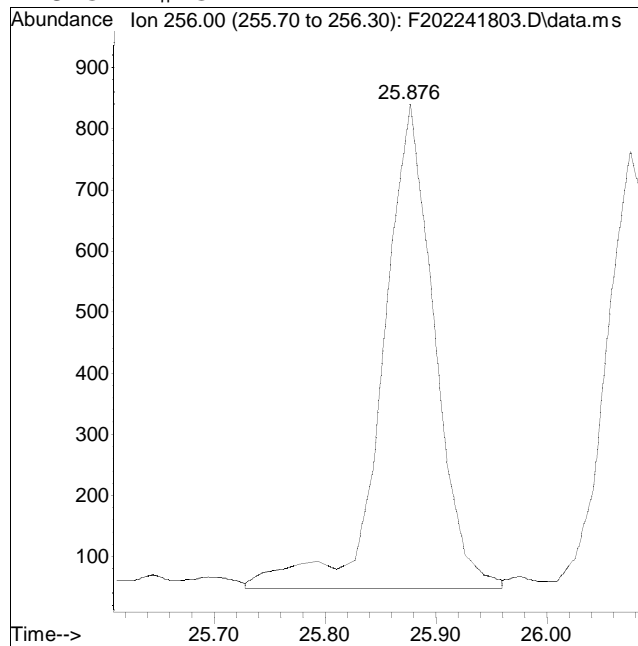
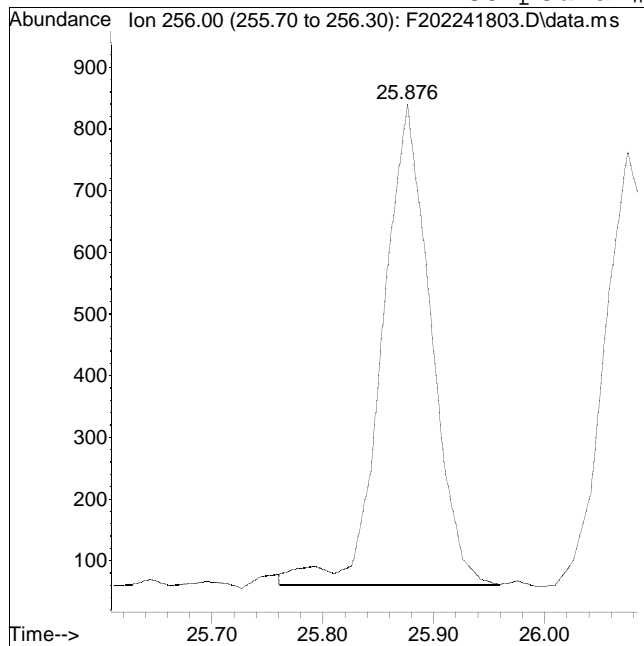
Sub List : Default - All compounds listed



Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #41: C13-BZ#-31



Original Peak Response = 2363

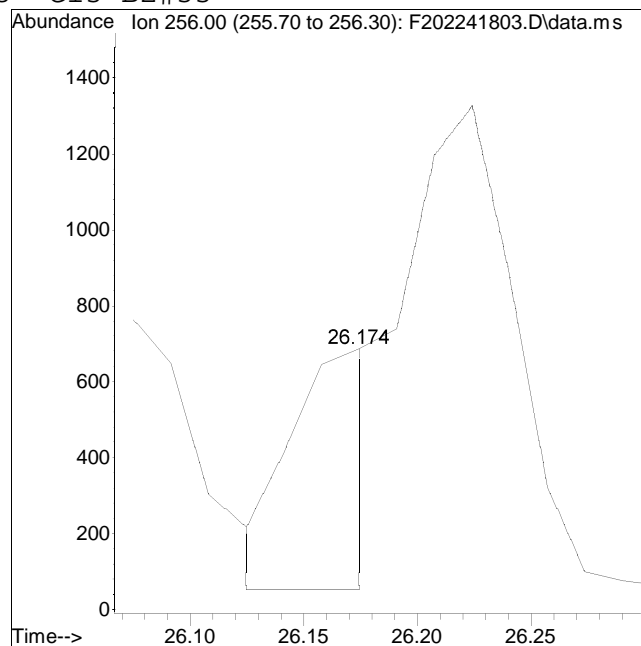
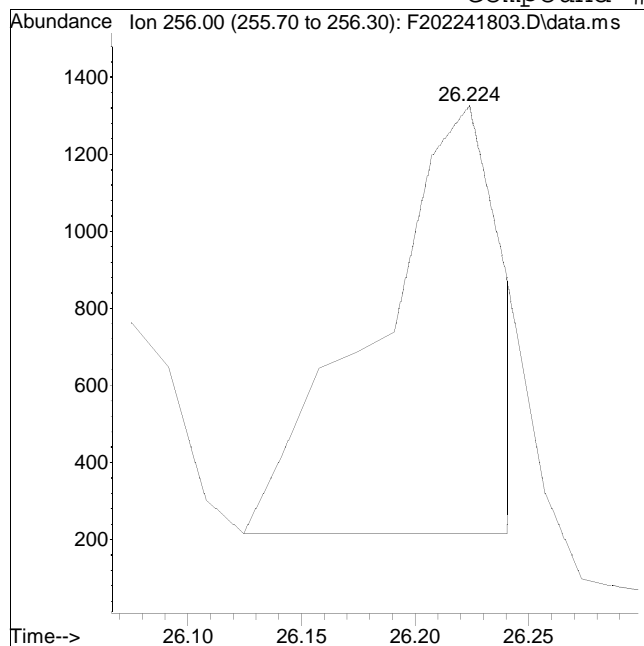
Manual Peak Response = 2560 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #43: Cl3-BZ#33



Original Peak Response = 4330

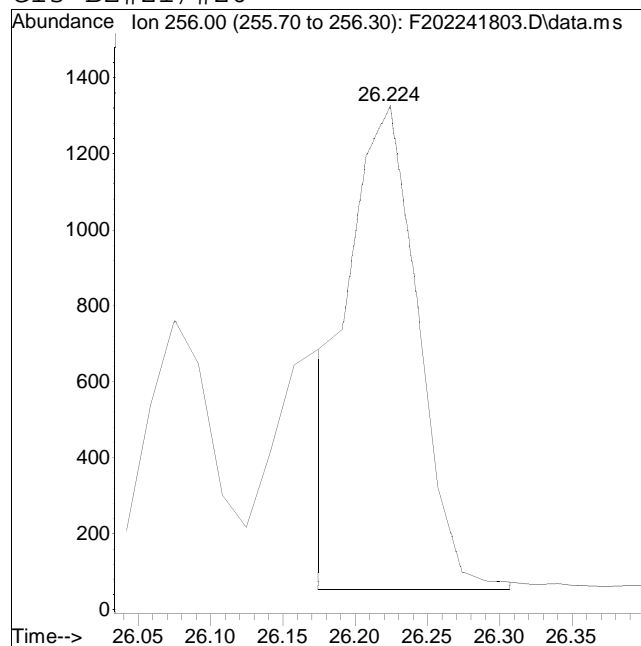
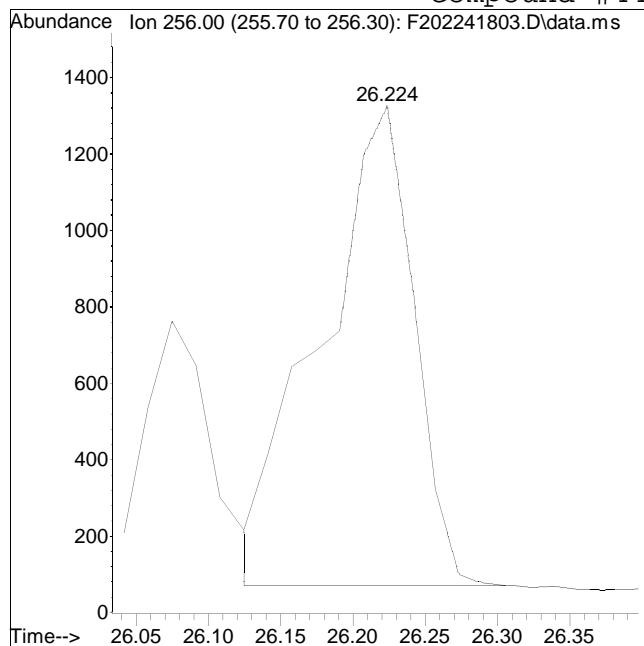
Manual Peak Response = 1576 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #44: C13-BZ#21/#20



Original Peak Response = 5637

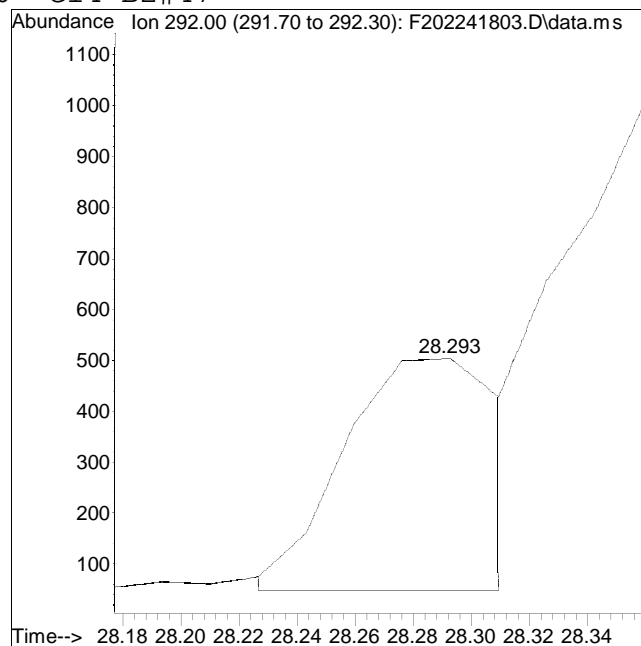
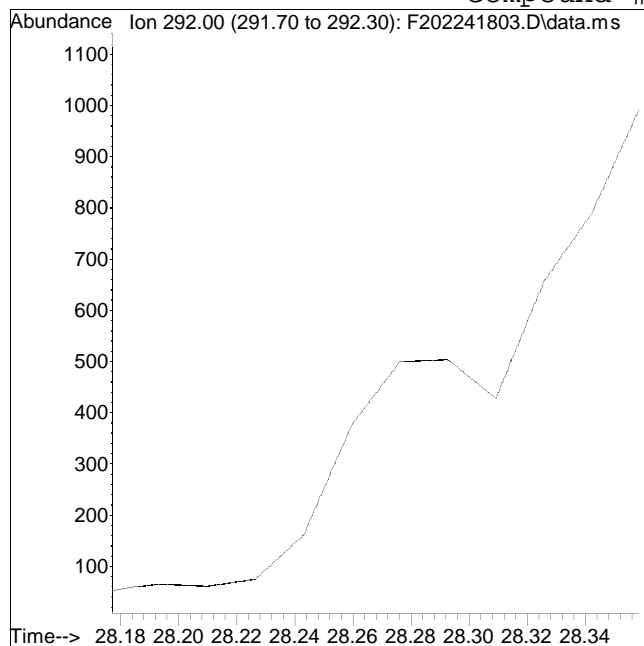
Manual Peak Response = 4258 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #56: Cl4-BZ#47



Original Peak Response = 0

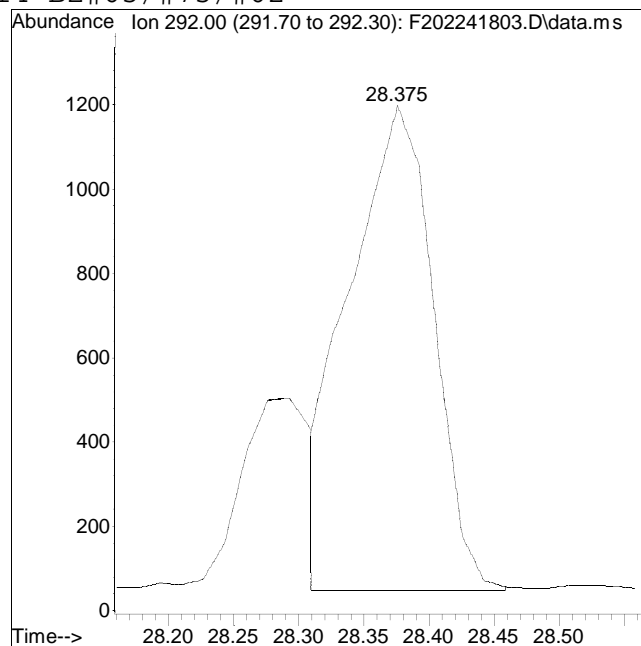
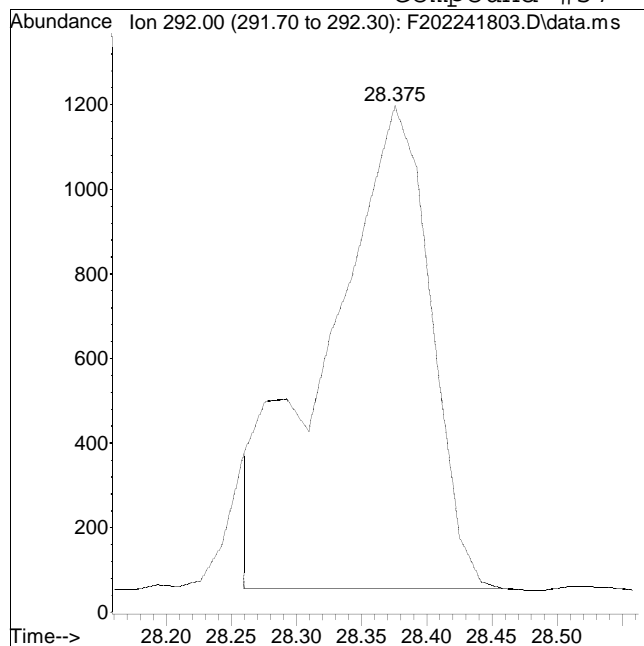
Manual Peak Response = 1711 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #57: C14-BZ#65/#75/#62



Original Peak Response = 6286

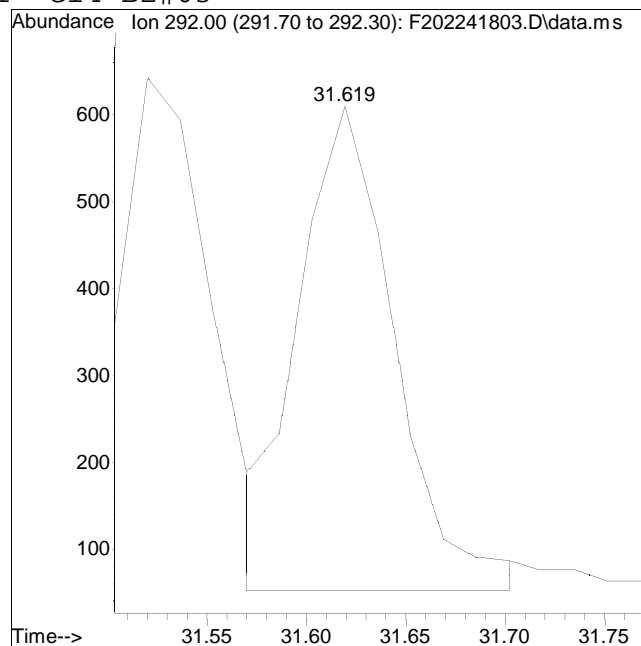
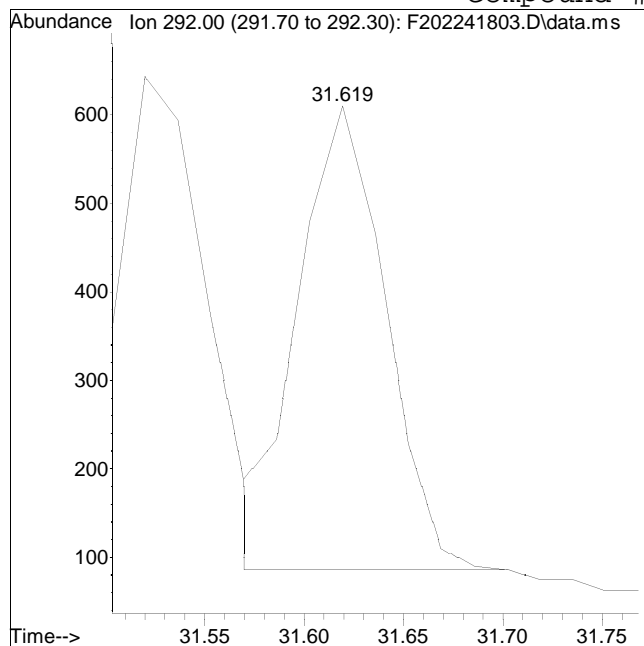
Manual Peak Response = 5095 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #81: Cl4-BZ#63



Original Peak Response = 1604

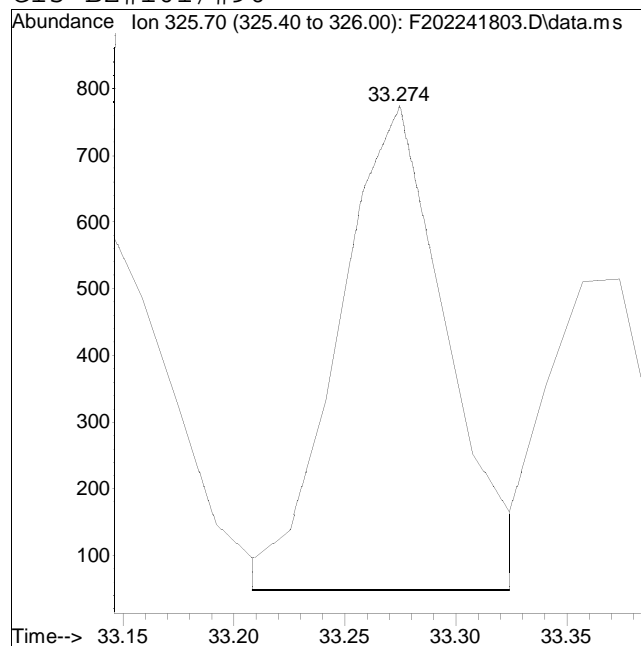
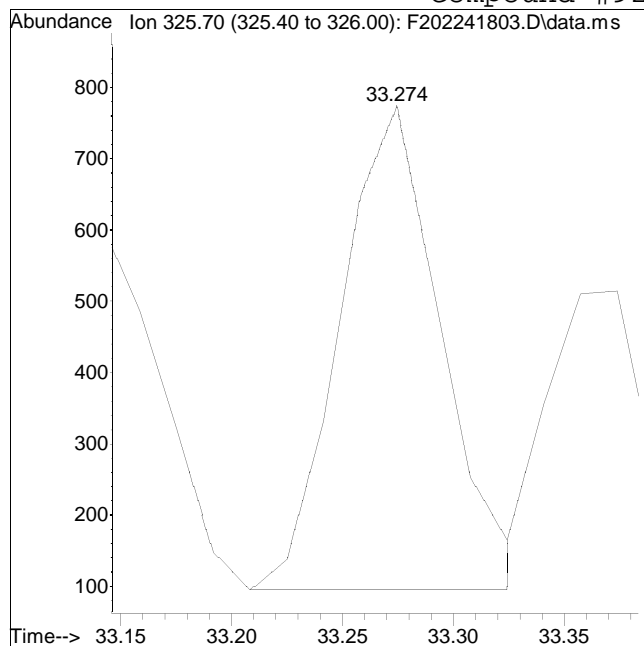
Manual Peak Response = 1866 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #92: C15-BZ#101/#90



Original Peak Response = 2144

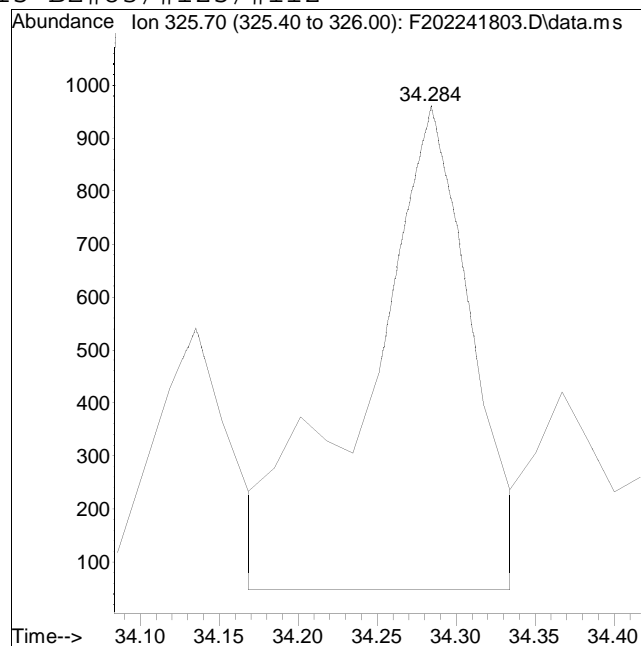
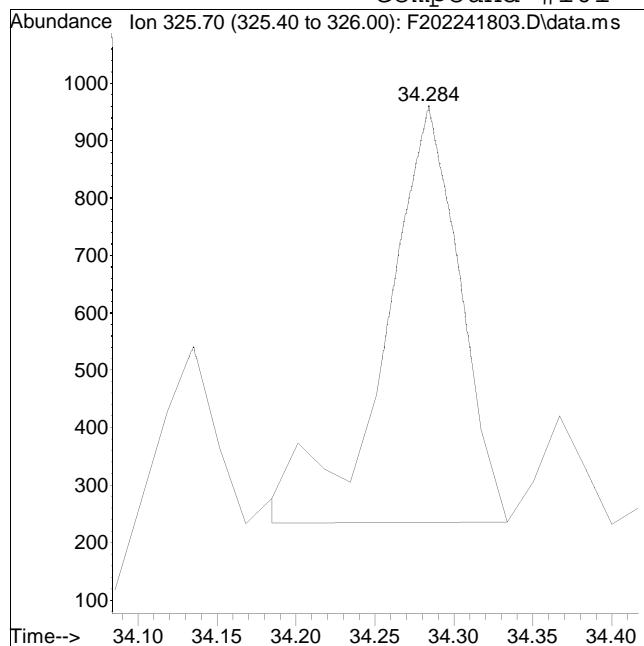
Manual Peak Response = 2471 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #101: C15-BZ#83/#125/#112



Original Peak Response = 2396

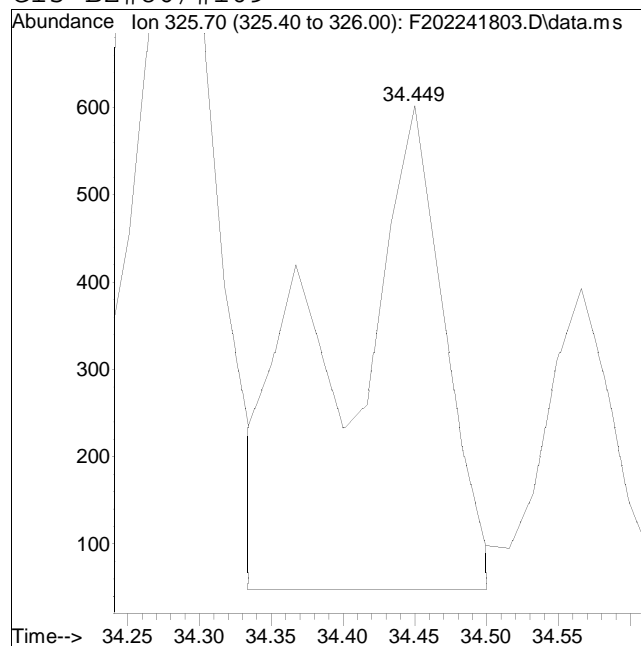
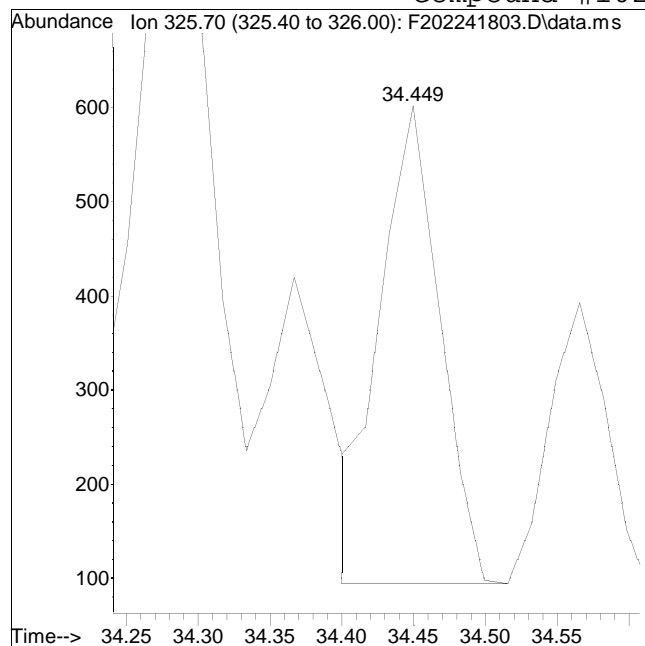
Manual Peak Response = 4295 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #102: C15-BZ#86/#109



Original Peak Response = 1464

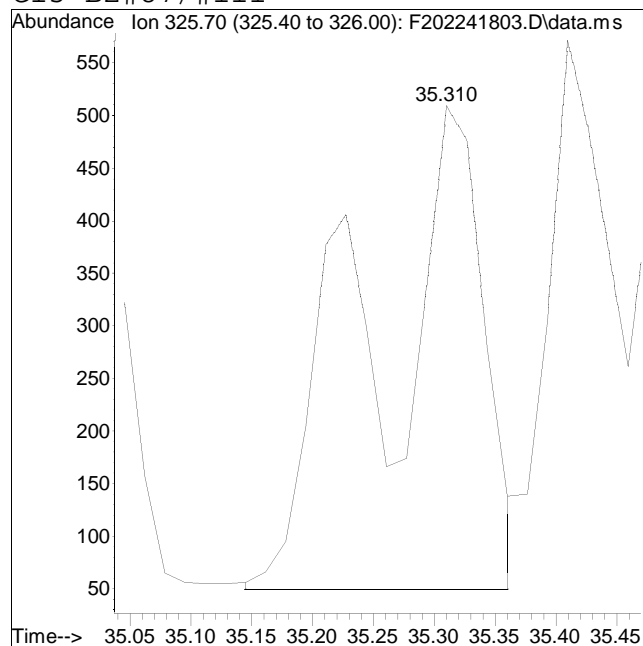
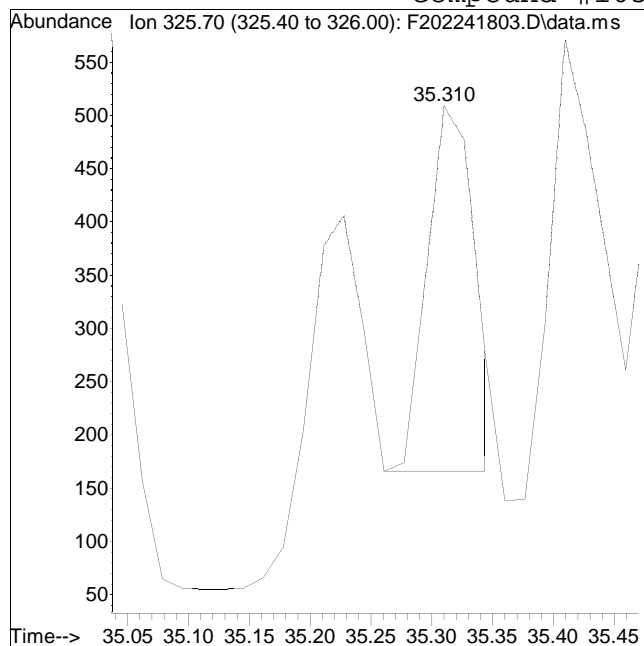
Manual Peak Response = 2830 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #105: C15-BZ#87/#111



Original Peak Response = 938

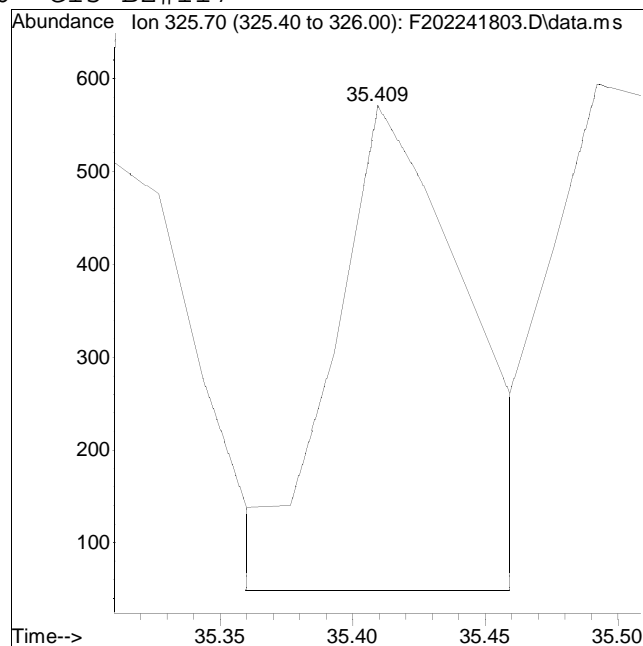
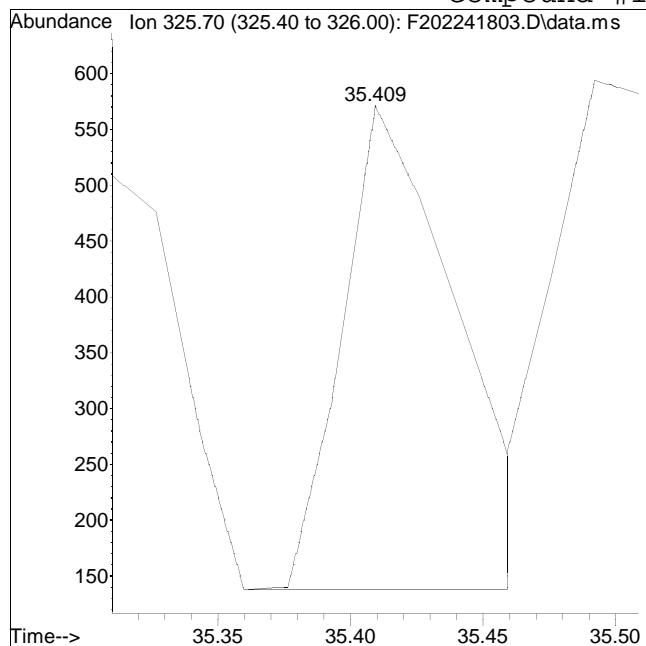
Manual Peak Response = 2870 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #116: C15-BZ#117



Original Peak Response = 1305

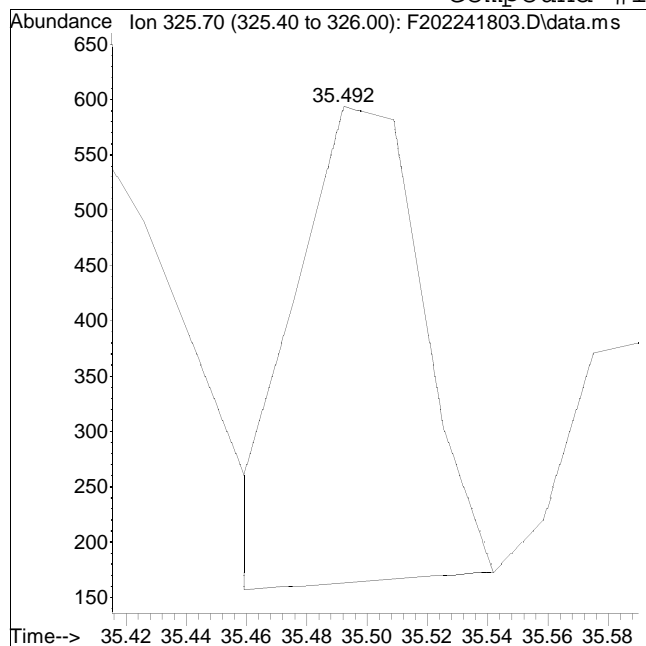
Manual Peak Response = 1835 M4

M4 = Poor automated baseline construction.

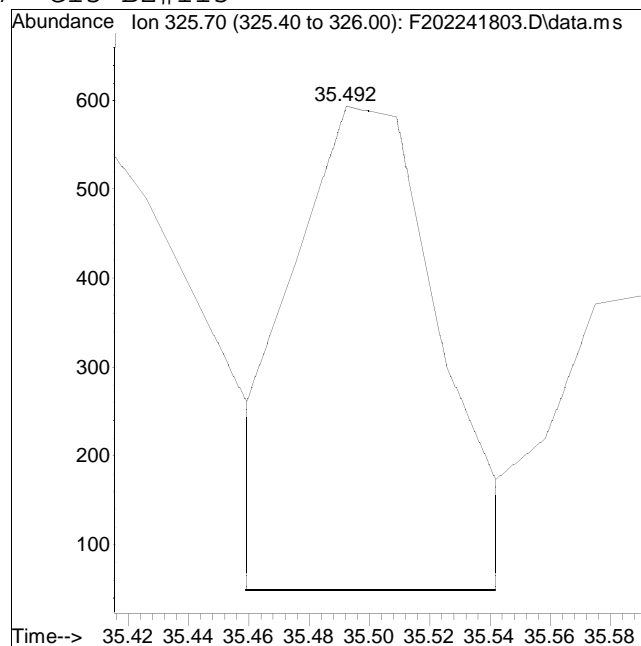
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #117: C15-BZ#115



Original Peak Response = 1237



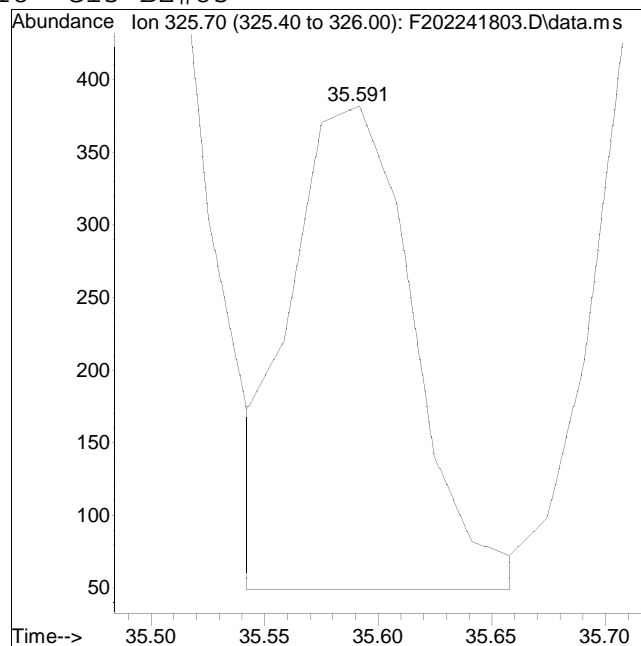
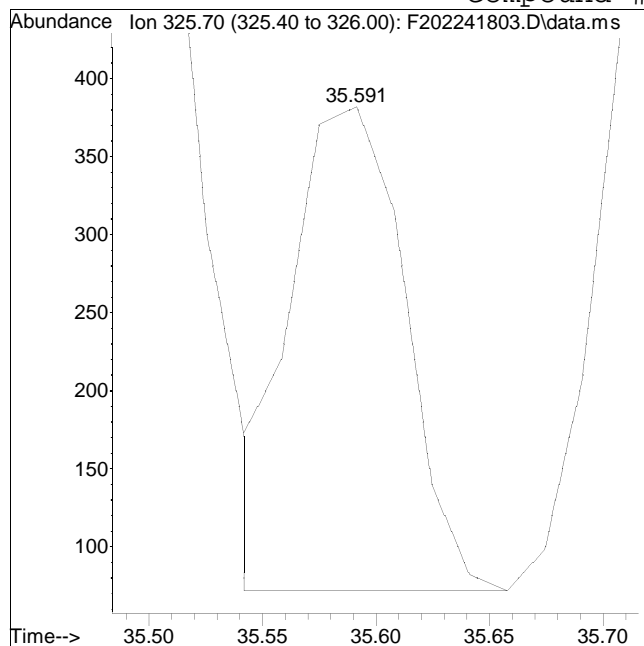
Manual Peak Response = 1813 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #118: C15-BZ#85



Original Peak Response = 1070

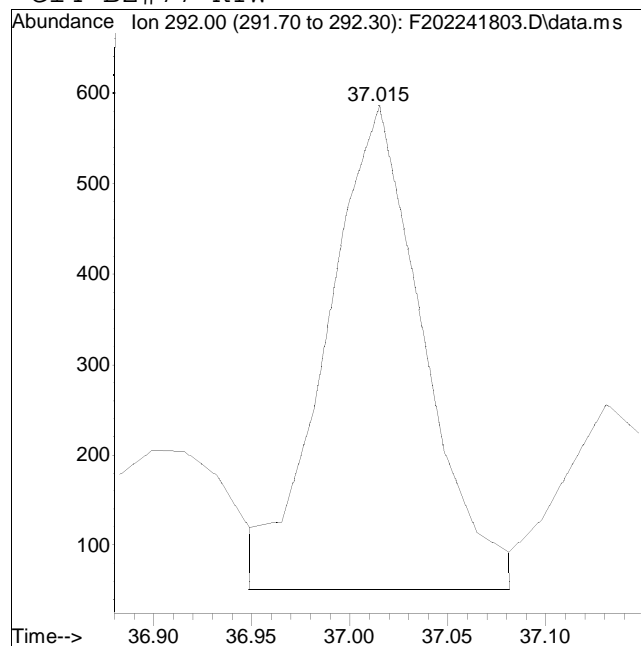
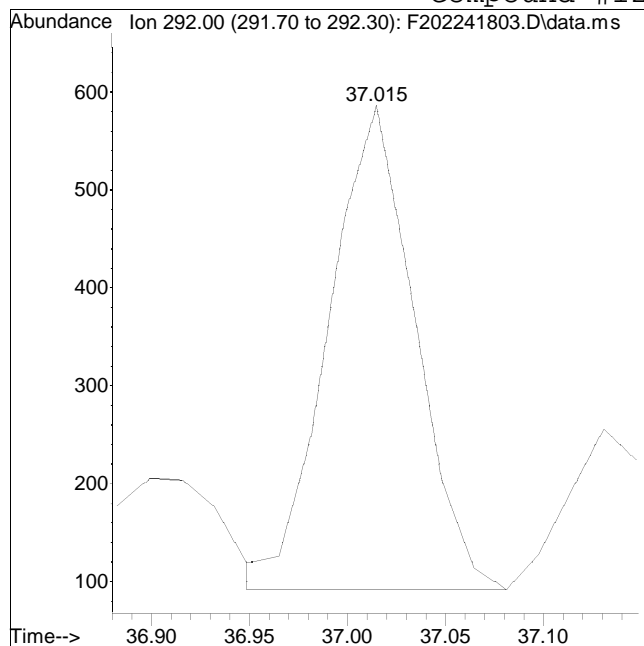
Manual Peak Response = 1230 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #128: C14-BZ#77-RTW



Original Peak Response = 1504

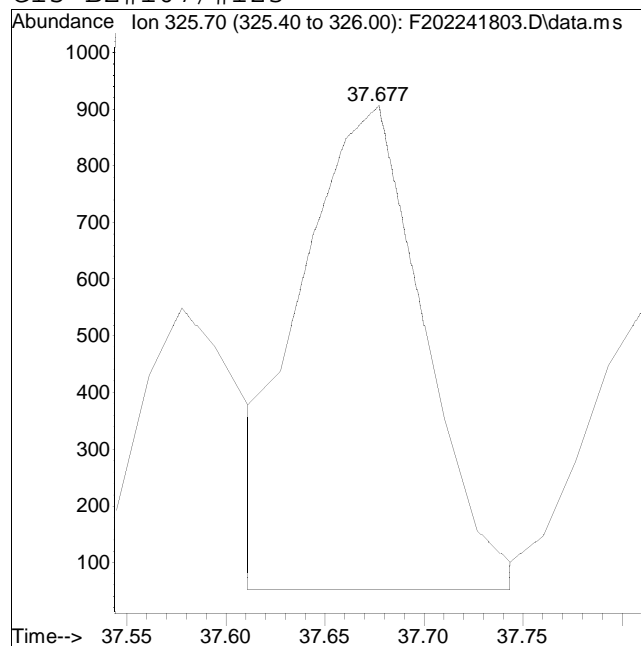
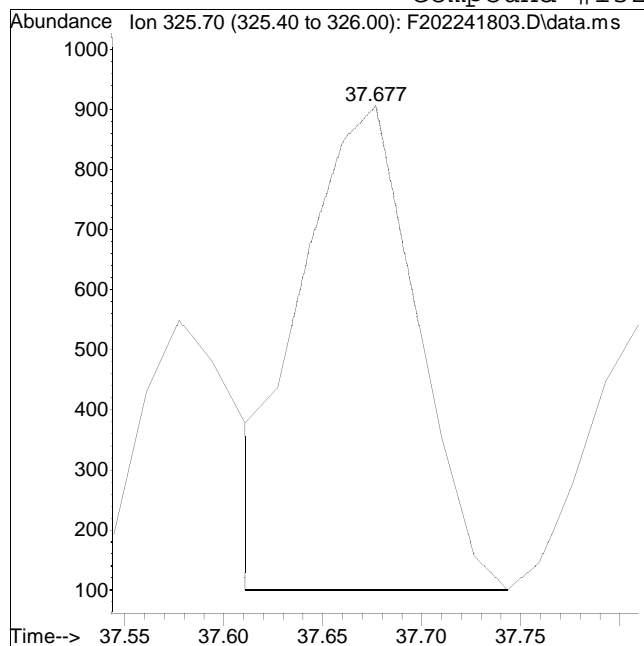
Manual Peak Response = 1830 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #132: C15-BZ#107/#123



Original Peak Response = 3282

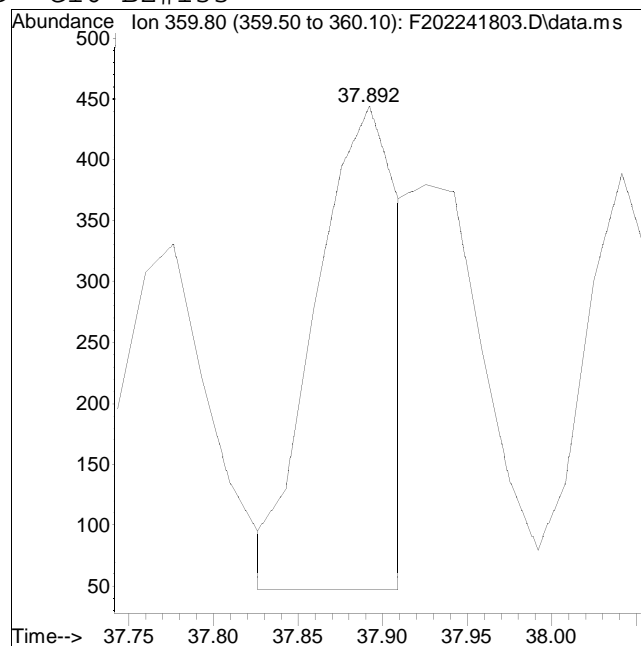
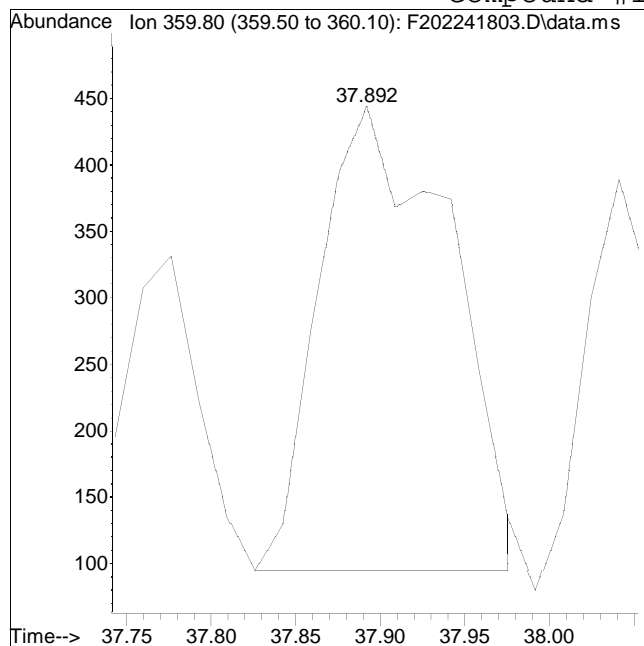
Manual Peak Response = 3663 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #139: Cl6-BZ#133



Original Peak Response = 1881

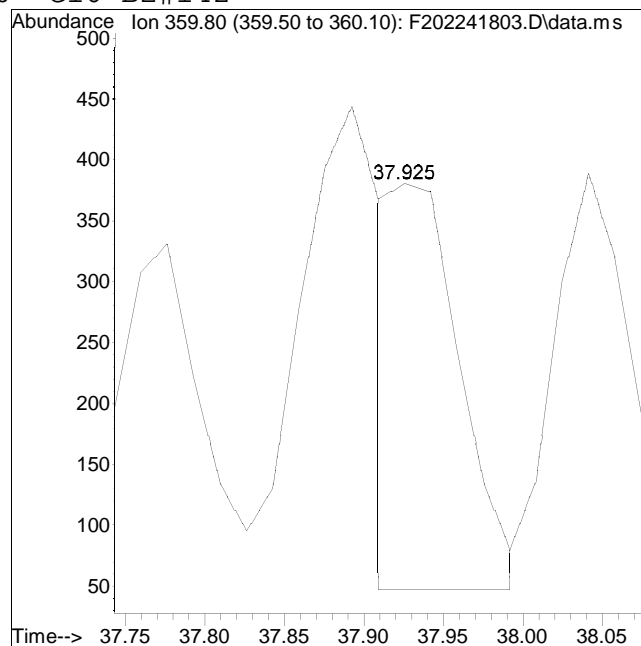
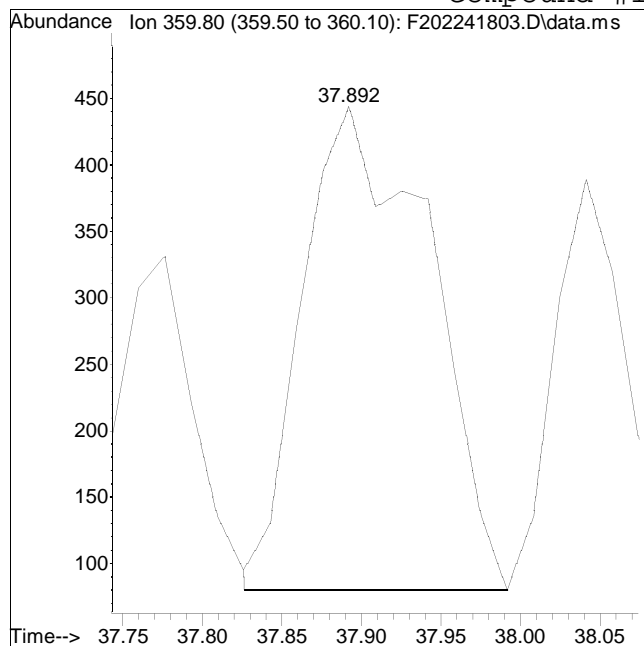
Manual Peak Response = 1370 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #140: Cl6-BZ#142



Original Peak Response = 2015

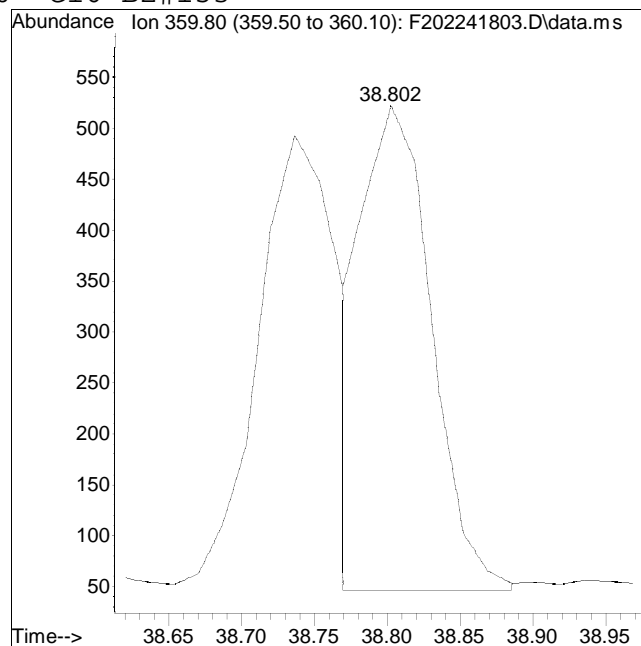
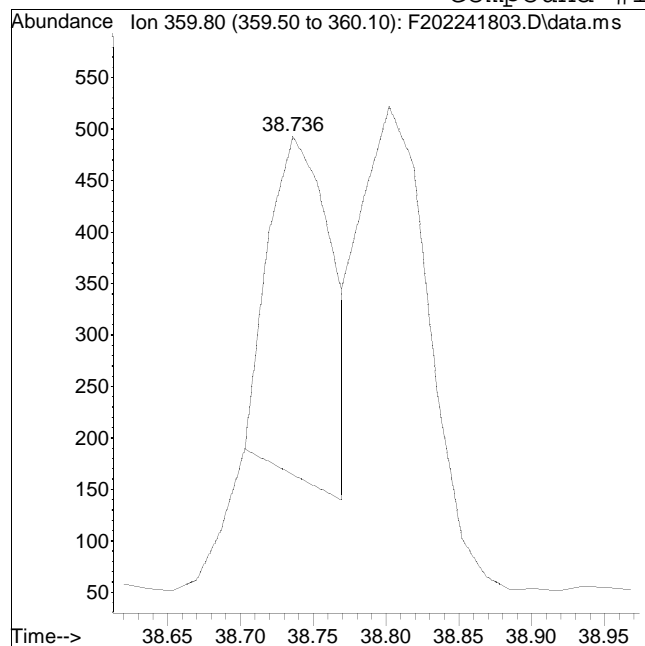
Manual Peak Response = 973 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #150: Cl6-BZ#153



Original Peak Response = 1022

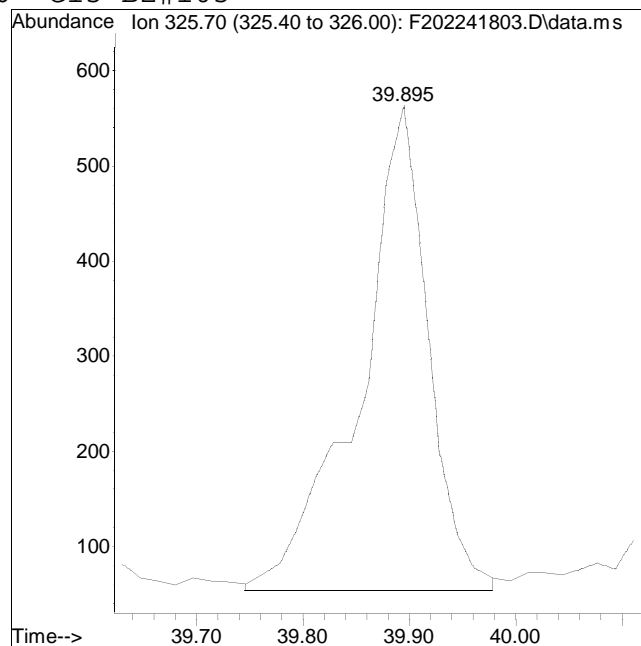
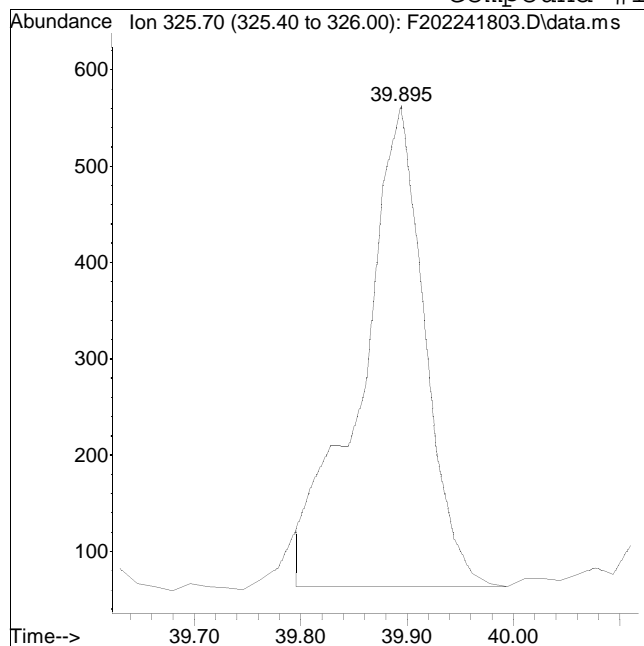
Manual Peak Response = 1545 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #156: C15-BZ#105



Original Peak Response = 2054

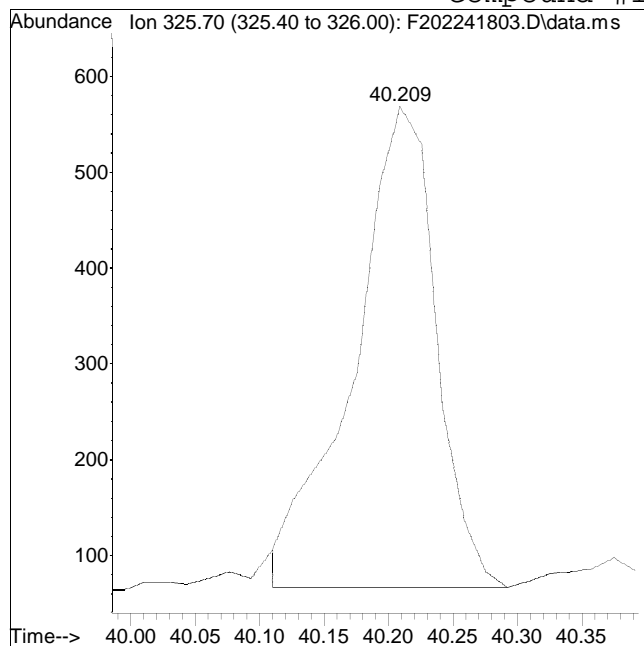
Manual Peak Response = 2276 M4

M4 = Poor automated baseline construction.

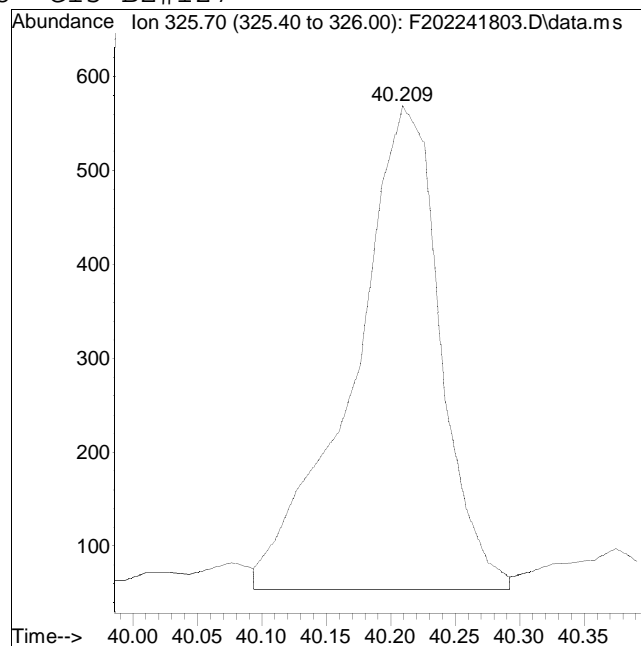
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #158: C15-BZ#127



Original Peak Response = 2230



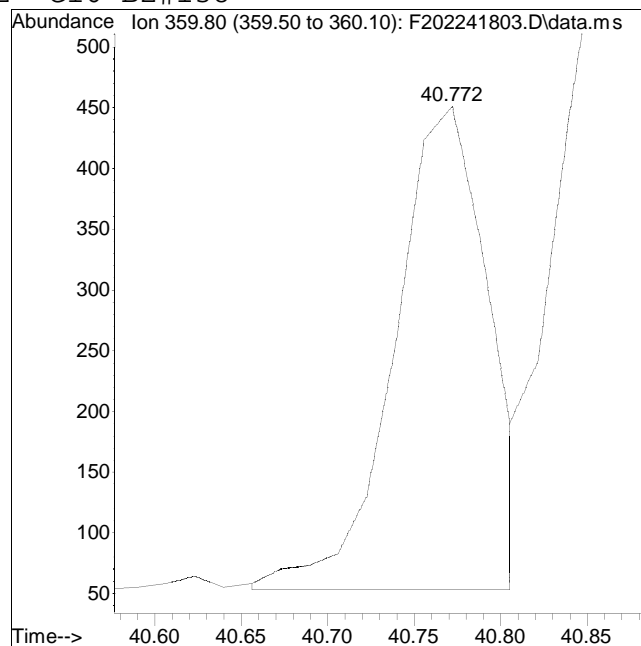
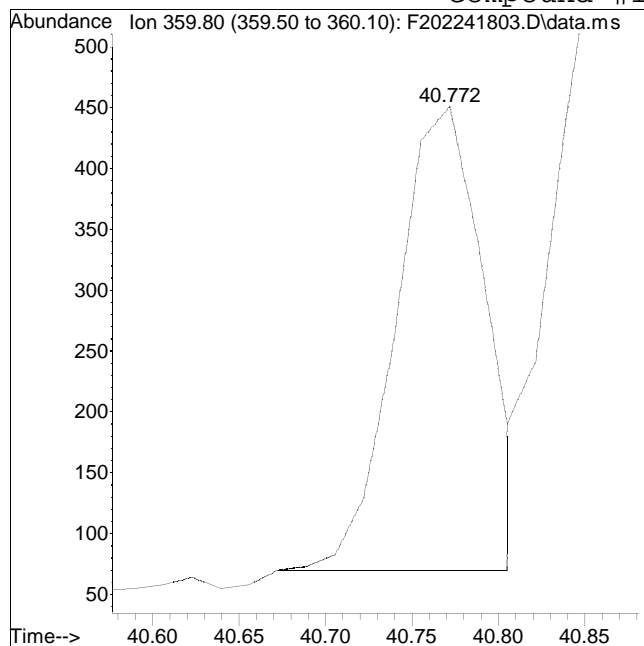
Manual Peak Response = 2424 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #162: Cl6-BZ#138



Original Peak Response = 1371

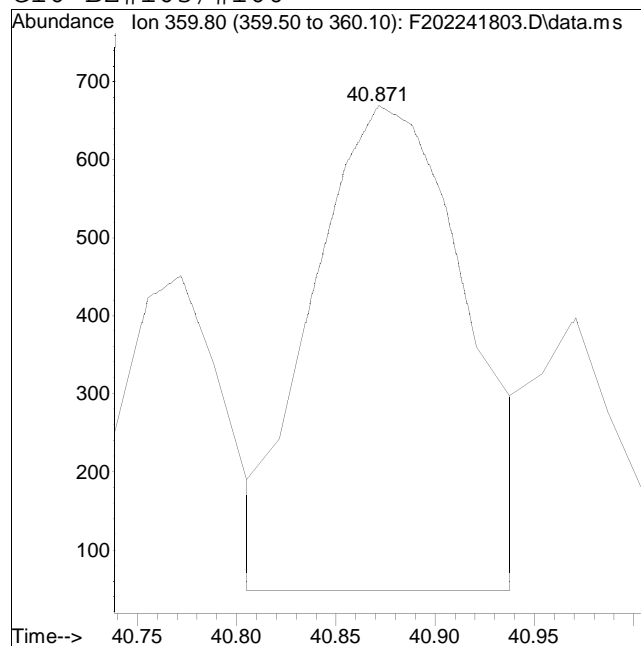
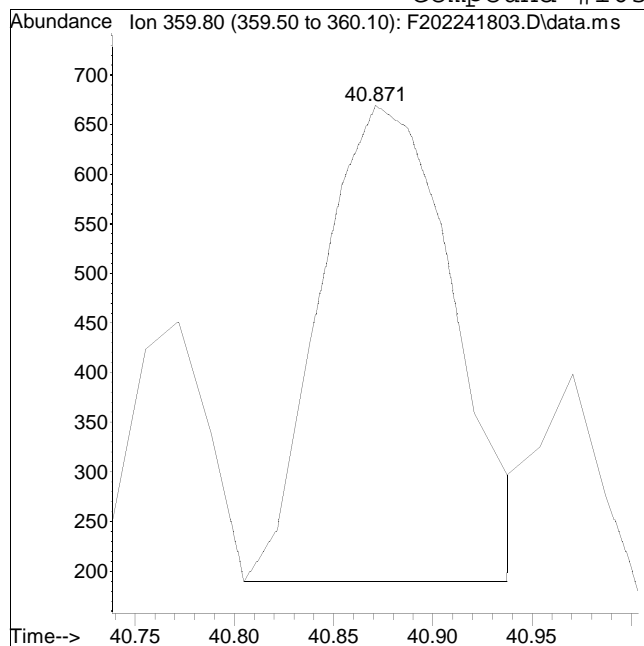
Manual Peak Response = 1522 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #163: C16-BZ#163/#160



Original Peak Response = 2249

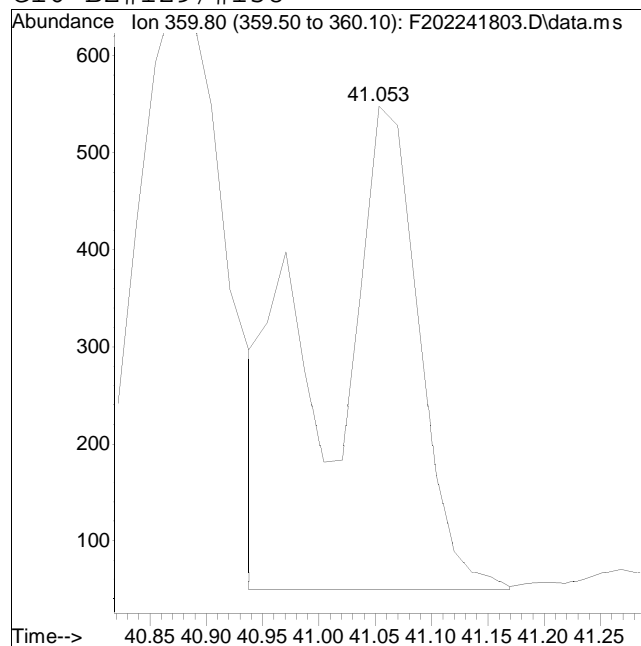
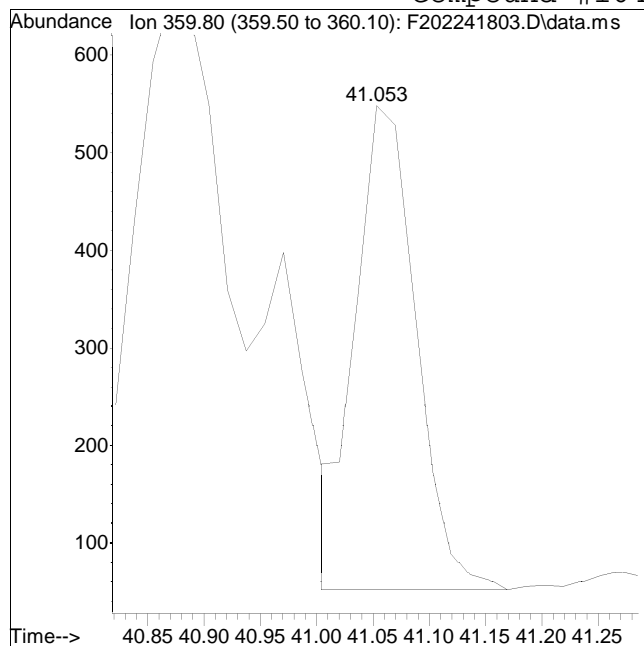
Manual Peak Response = 3369 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #164: Cl6-BZ#129/#158



Original Peak Response = 1870

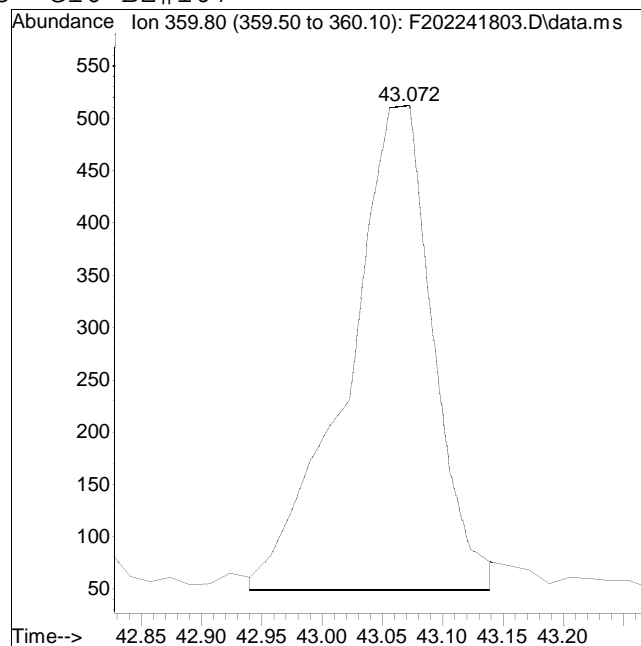
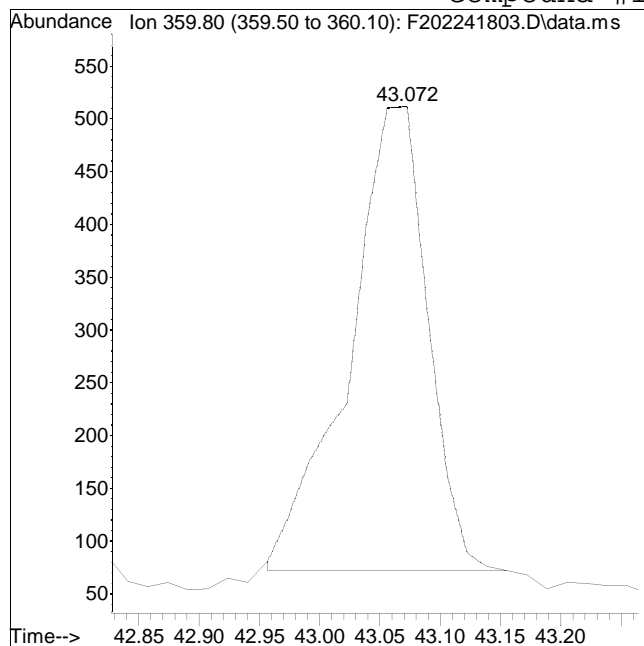
Manual Peak Response = 2877 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #175: Cl6-BZ#167



Original Peak Response = 1995

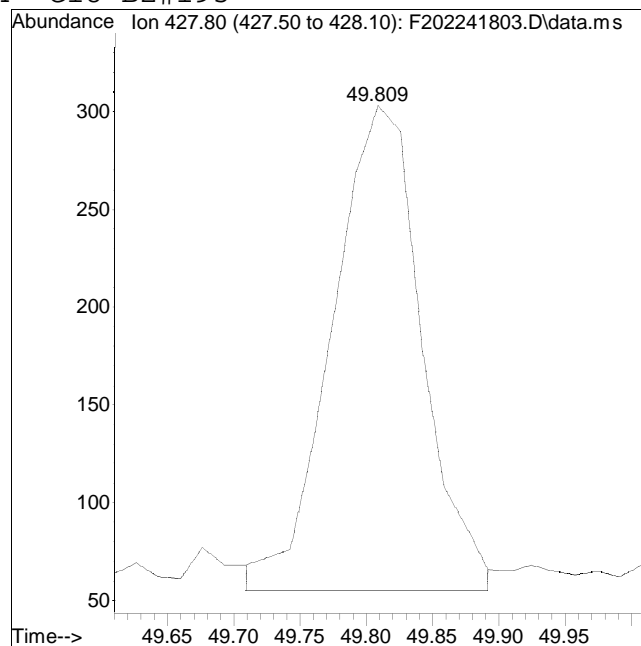
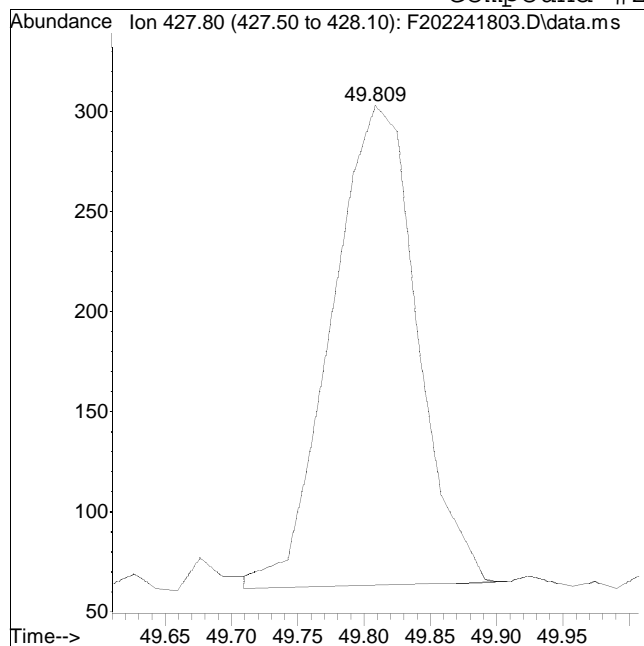
Manual Peak Response = 2278 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241803.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 11:28 am Instrument : BNA2
Sample : I202241802 Quant Date : 2/25/2018 10:50 am

Compound #204: Cl8-BZ#195



Original Peak Response = 1073

Manual Peak Response = 1164 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241804.D
 Acq On : 24 Feb 2018 12:42 pm
 Operator : BNA2:JT
 Sample : I202241803
 Misc : wgl092764,MSAT59,10ug/l
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 26 16:02:47 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.912	234	570585	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.943	406	304480	200.000	ng/mL	0.02	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	21.001	268	9555	6.700	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	6.70%#		
93) C15-BZ#101-C13 (surr)	33.241	338	13720	6.544	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	6.54%#		
151) C16-BZ#153-C13 (surr)	38.786	372	13038	5.973	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	5.97%#		
177) C18-BZ#202-C13 (surr)	42.990	442	13298	6.979	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	6.98%#		
Target Compounds							
3) C11-BZ#1-Cal/RTW	14.583	188	25446	6.593	ng/mL	100	Qvalue
4) Monochlorobiphenyls	0.000		0	N.D.	d		
5) C11- conf Ion	0.000		0	N.D.	d		
6) C11-BZ#2	16.666	188	26313	6.989	ng/mL	100	
7) C11-BZ#3-RTW	17.133	188	26086	6.963	ng/mL	99	
8) C12-BZ#4/#10-RTW	17.551	222	30350	12.632	ng/mL	99	
9) C12-BZ#9	19.111	222	19424	6.862	ng/mL	100	
10) C12-BZ#7	19.207	222	19112	7.000	ng/mL	96	
11) C12-BZ#6	19.642	222	20768	6.921	ng/mL	98	
12) C12-BZ#5	20.084	222	18747	6.478	ng/mL	99	
13) C12-BZ#8	20.237	222	21349	6.709	ng/mL	100	
14) Dichlorobiphenyls	0.000		0	N.D.	d		
15) C12-Conf Ion	0.000		0	N.D.	d		
16) C13-BZ#19-RTW	21.017	256	10517	6.301	ng/mL	99	
17) C12-BZ#14	21.154	222	20615	7.060	ng/mL	97	
18) C13-BZ#30	21.572	256	16945	6.627	ng/mL	99	
19) C13-BZ#18	22.384	256	11592	6.572	ng/mL	94	
20) C12-BZ#11	22.513	222	22024	6.873	ng/mL	97	
21) C13-BZ#17	22.593	256	10708	6.424	ng/mL	99	
22) C12-BZ#12	22.907	222	19728	7.065	ng/mL	99	
23) C13-BZ#27	22.955	256	15120	6.573	ng/mL	98	
24) C12-BZ#13	23.204	222	22418	6.980	ng/mL	99	
25) C13-BZ#24	23.220	256	15509	6.837	ng/mL	98	
26) C13-BZ#16	23.566	256	9491	6.537	ng/mL	97	
27) C13-BZ#32	23.767	256	16529	6.659	ng/mL	98	
28) C12-BZ#15-RTW	23.928	222	23328	7.033	ng/mL	99	

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241804.D
 Acq On : 24 Feb 2018 12:42 pm
 Operator : BNA2:JT
 Sample : I202241803
 Misc : wgl092764,MSAT59,10ug/l
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 26 16:02:47 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) C13-BZ#34	24.161	256	15743	6.850	ng/mL	100
30) C13-BZ#23	24.346	256	15274	6.728	ng/mL	100
31) C14-BZ#54-RTW	24.346	292	14412	6.364	ng/mL	99
32) C13-BZ#29-Cal	24.571	256	15312	6.836	ng/mL	99
33) Trichlorobiphenyls	0.000		0	N.D.	d	
34) C13- Conf Ion	0.000		0	N.D.	d	
35) C14-BZ#50-Cal	25.070	292	11910	6.486	ng/mL	98
36) Tetrachlorobiphenyls	0.000		0	N.D.	d	
37) C14-Conf Ion	0.000		0	N.D.	d	
38) C13-BZ#26	25.102	256	17149	7.069	ng/mL	99
39) C13-BZ#25	25.311	256	16772	6.850	ng/mL	99
40) C14-BZ#53	25.794	292	13319	6.688	ng/mL	100
41) C13-BZ#-31	25.876	256	22914M4	7.397	ng/mL	
42) C13-BZ#28	26.075	256	22379	7.102	ng/mL	100
43) C13-BZ#33	26.174	256	15882M3	5.586	ng/mL	
44) C13-BZ#21/#20	26.224	256	42590M3	15.073	ng/mL	
45) C14-BZ#51	26.207	292	14690	6.750	ng/mL	98
46) C14-BZ#45	26.770	292	11416	6.961	ng/mL	100
47) C13-BZ#22	27.018	256	20280	7.138	ng/mL	99
48) C14-BZ#73/#46	27.151	292	30516	13.646	ng/mL	100
49) C14-BZ#69	27.432	292	18037	6.933	ng/mL	99
50) C14-BZ#43	27.531	292	12061	6.540	ng/mL	97
51) C13-BZ#36	27.564	256	22653	6.922	ng/mL	98
52) C14-BZ#52	27.664	292	14387	6.528	ng/mL	97
53) C14-BZ#48	27.829	292	13100	7.088	ng/mL	95
54) C14-BZ#49	27.978	292	13657	6.778	ng/mL	98
55) C15-BZ#104-RTW	28.193	326	14932	6.833	ng/mL	99
56) C14-BZ#47	28.276	292	17122M3	7.940	ng/mL	
57) C14-BZ#65/#75/#62	28.375	292	51475M3	19.557	ng/mL	
58) C13-BZ#39	28.425	256	20724	7.062	ng/mL	100
59) C13-BZ#38	28.541	256	20121	6.966	ng/mL	97
60) C14-BZ#44	28.938	292	12242	6.914	ng/mL	99
61) C14-BZ#59	29.170	292	18577	7.245	ng/mL	92
62) C14-BZ#42	29.253	292	10793	6.408	ng/mL	95
63) C14-BZ#71	29.484	292	18914	6.886	ng/mL	99
64) C13-BZ#35	29.600	256	20868	7.347	ng/mL	100
65) C14-BZ#41	29.716	292	11606	7.239	ng/mL	99
66) C14-BZ#72	29.832	292	19370	6.816	ng/mL	98
67) C15-BZ#96	29.865	326	16008	6.798	ng/mL	94
68) C15-BZ#103	29.997	326	12061	7.190	ng/mL	100
69) C14-BZ#68/#64	30.146	292	36653	13.922	ng/mL	99

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241804.D
 Acq On : 24 Feb 2018 12:42 pm
 Operator : BNA2:JT
 Sample : I202241803
 Misc : wgl092764,MSAT59,10ug/l
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 26 16:02:47 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) C14-BZ#40	30.262	292	8917	6.987	ng/mL	100
71) C13-BZ#37-RTW	30.477	256	27677	7.409	ng/mL	98
72) C15-BZ#100	30.477	326	13044	6.866	ng/mL	98
73) C15-BZ#94	30.593	326	10306	7.093	ng/mL	99
74) C14-BZ#57	30.676	292	19881M4	7.018	ng/mL	
75) C14-BZ#67/#58	31.007	292	39894	14.069	ng/mL	100
76) C15-BZ#102	31.057	326	14277	6.815	ng/mL	99
77) C14-BZ#61	31.371	292	19640	7.068	ng/mL	98
78) C15-BZ#98	31.388	326	13058	6.964	ng/mL	96
79) C14-BZ#76	31.537	292	20618	6.761	ng/mL	99
80) C15-BZ#93	31.520	326	10504	6.835	ng/mL	99
81) C14-BZ#63	31.619	292	18467M4	6.917	ng/mL	
82) C15-BZ#121/#95/#88	31.686	326	41640	20.680	ng/mL	99
83) C14-BZ#74	31.901	292	20418	7.065	ng/mL	96
84) C16-BZ#155-RTW	32.033	360	15289	6.840	ng/mL	99
85) C14-BZ#70	32.066	292	21212	6.280	ng/mL	96
86) C14-BZ#66	32.348	292	18883	6.958	ng/mL	99
87) C15-BZ#91	32.232	326	12127	6.856	ng/mL	98
88) C14-BZ#80	32.612	292	19732	7.249	ng/mL	98
89) C14-BZ#55	32.811	292	20314	7.225	ng/mL	100
90) C15-BZ#92	32.861	326	11826	6.955	ng/mL	100
91) C15-BZ#89/#84	33.142	326	22424	12.520	ng/mL	98
92) C15-BZ#101/#90	33.274	326	26146M4	14.239	ng/mL	
94) C14-BZ#56	33.258	292	19979	6.917	ng/mL	100
95) C15-BZ#113	33.357	326	15785	7.078	ng/mL	97
96) C15-BZ#99	33.639	326	14729	7.147	ng/mL	98
97) C16-BZ#150	33.688	360	16346	6.912	ng/mL	96
98) C14-BZ#60	33.705	292	21261	6.577	ng/mL	99
99) C16-BZ#152	34.052	360	17623	6.767	ng/mL	99
100) C15-BZ#119	34.135	326	17846	6.891	ng/mL	98
101) C15-BZ#83/#125/#112	34.284	326	44518M4	21.037	ng/mL	
102) C15-BZ#86/#109	34.450	326	29891M4	14.373	ng/mL	
103) C15-BZ#97	34.565	326	11167	6.931	ng/mL	96
104) C15-BZ#116	35.029	326	15025	6.986	ng/mL	97
105) C15-BZ#87/#111	35.310	326	29398M1	13.762	ng/mL	
106) Pentachlorobiphenyls	0.000		0	N.D.	d	
107) C15-Conf Ion	0.000		0	N.D.	d	
108) C16-BZ#145	34.499	360	18016	6.829	ng/mL	98
109) C16-BZ#148	34.698	360	12184	6.963	ng/mL	96
110) C14-BZ#79	34.814	292	19293	7.242	ng/mL	99
111) C16-BZ#154-Cal	35.227	360	14049	7.068	ng/mL	100

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241804.D
 Acq On : 24 Feb 2018 12:42 pm
 Operator : BNA2:JT
 Sample : I202241803
 Misc : wgl092764,MSAT59,10ug/l
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 26 16:02:47 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112) Hexachlorobiphenyls	0.000		0	N.D.	d	
113) Cl6-Conf Ion	0.000		0	N.D.	d	
114) Cl4-BZ#78	35.277	292	24366	7.058	ng/mL	84
115) Cl6-BZ#136	35.360	360	15709	6.675	ng/mL	100
116) Cl5-BZ#117	35.426	326	18924M4	7.010	ng/mL	
117) Cl5-BZ#115	35.492	326	18652M4	7.412	ng/mL	
118) Cl5-BZ#85	35.592	326	11476	7.013	ng/mL	99
119) Cl5-BZ#120	35.724	326	18165	7.304	ng/mL	100
120) Cl5-BZ#110	35.873	326	17226	7.102	ng/mL	99
121) Cl4-BZ#81	36.254	292	19817	7.575	ng/mL	97
123) Cl6-BZ#151	36.254	360	12231	6.935	ng/mL	98
124) Cl6-BZ#135	36.386	360	13217	7.069	ng/mL	97
125) Cl5-BZ#82	36.568	326	11356	6.577	ng/mL	100
126) Cl6-BZ#144	36.601	360	12699	6.678	ng/mL	100
127) Cl6-BZ#147/#149	36.916	360	26800	13.708	ng/mL	96
128) Cl4-BZ#77-RTW	37.015	292	18038M4	7.056	ng/mL	
129) Cl6-BZ#143/#139	37.147	360	26004	13.067	ng/mL	100
130) Cl5-BZ#124	37.296	326	17642	6.904	ng/mL	99
131) Cl5-BZ#108	37.578	326	17857	6.956	ng/mL	99
132) Cl5-BZ#107/#123	37.677	326	37987M4	13.942	ng/mL	
133) Cl6-BZ#140	37.313	360	12449	6.597	ng/mL	99
134) Cl7-BZ#188-Cal/RTW	37.677	394	14941	6.455	ng/mL	100
135) Heptachlorobiphenyls	0.000		0	N.D.	d	
136) Cl7-Conf Ion	0.000		0	N.D.	d	
137) Cl6-BZ#134	37.776	360	10763	6.618	ng/mL	94
138) Cl5-BZ#106	37.809	326	16196	5.968	ng/mL	99
139) Cl6-BZ#133	37.892	360	14417M4	6.861	ng/mL	
140) Cl6-BZ#142	37.925	360	9830M3	6.450	ng/mL	
141) Cl5-BZ#118	38.041	326	16512	6.765	ng/mL	98
142) Cl6-BZ#131	38.041	360	11093	6.908	ng/mL	98
143) Cl7-BZ#184	38.173	394	14379	6.396	ng/mL	96
144) Cl6-BZ#165	38.240	360	15713	6.772	ng/mL	99
145) Cl6-BZ#146	38.339	360	13976	7.079	ng/mL	99
146) Cl6-BZ#161	38.521	360	17400	6.696	ng/mL	98
147) Cl5-BZ#122	38.504	326	15233	6.825	ng/mL	99
148) Cl6-BZ#168	38.736	360	16608	6.799	ng/mL	99
149) Cl5-BZ#114	38.786	326	16922	6.656	ng/mL	100
150) Cl6-BZ#153	38.802	360	15161	6.737	ng/mL	98
152) Cl6-BZ#132	39.067	360	12127	6.674	ng/mL	98
153) Cl7-BZ#179	39.332	394	15286	6.925	ng/mL	99
154) Cl6-BZ#141	39.630	360	12060	7.403	ng/mL	98

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241804.D
 Acq On : 24 Feb 2018 12:42 pm
 Operator : BNA2:JT
 Sample : I202241803
 Misc : wgl092764,MSAT59,10ug/l
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 26 16:02:47 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
155) C17-BZ#176	39.828	394	14313	6.842	ng/mL	98
156) C15-BZ#105	39.895	326	20310M4	7.152	ng/mL	
157) C16-BZ#137	40.060	360	12683	7.106	ng/mL	98
158) C15-BZ#127	40.209	326	22656M4	7.154	ng/mL	
159) C17-BZ#186	40.160	394	16371	6.766	ng/mL	98
160) C16-BZ#130/#164	40.408	360	29057	14.133	ng/mL	97
161) C17-BZ#178	40.706	394	10821	7.012	ng/mL	100
162) C16-BZ#138	40.772	360	14787M4	6.866	ng/mL	
163) C16-BZ#163/#160	40.871	360	33657M4	14.219	ng/mL	
164) C16-BZ#129/#158	41.070	360	27703M1	13.241	ng/mL	
165) C17-BZ#182/#175	41.103	394	25470	13.534	ng/mL	99
166) C17-BZ#187	41.268	394	12951	6.982	ng/mL	98
167) C17-BZ#183	41.666	394	12399	7.793	ng/mL	99
168) C16-BZ#166	42.030	360	18110	7.232	ng/mL	99
169) C16-BZ#159	42.278	360	18100	7.479	ng/mL	99
170) C15-BZ#126-RTW	42.493	326	22153	7.313	ng/mL	89
171) C17-BZ#185	42.526	394	11185	6.964	ng/mL	98
172) C16-BZ#162	42.609	360	16943	7.256	ng/mL	99
173) C17-BZ#174	42.758	394	11538	6.921	ng/mL	99
174) C16-BZ#128	42.775	360	12495	6.793	ng/mL	99
175) C16-BZ#167	43.056	360	22538M4	7.322	ng/mL	
176) C18-BZ#202-RTW	43.006	428	13001	7.023	ng/mL	99
178) C17-BZ#181	43.155	394	12884	7.093	ng/mL	96
179) C17-BZ#177	43.470	394	11613	7.490	ng/mL	96
180) C18-BZ#204/#200-Cal	43.586	428	25352	13.672	ng/mL	99
181) Octachlorobiphenyls	0.000		0	N.D.	d	
182) C18-Conf Ion	0.000		0	N.D.	d	
183) C17-BZ#171	43.784	394	11119	7.922	ng/mL	99
184) C17-BZ#173	44.016	394	10769	7.227	ng/mL	100
185) C17-BZ#172	44.446	394	11713	7.384	ng/mL	99
186) C17-BZ#192	44.661	394	16159	7.428	ng/mL	99
187) C16-BZ#156	44.678	360	17333	7.251	ng/mL	99
188) C16-BZ#157	44.926	360	17927	7.244	ng/mL	98
189) C17-BZ#180	44.959	394	15006	7.139	ng/mL	97
190) C17-BZ#193	45.042	394	13850M4	5.768	ng/mL	
191) C18-BZ#197	44.099	428	13071	7.033	ng/mL	97
192) C17-BZ#191	45.390	394	14997	7.514	ng/mL	98
193) C18-BZ#199	45.207	428	12909	7.182	ng/mL	98
194) C18-BZ#198	46.747	428	11222	8.273	ng/mL	98
195) C18-BZ#201	46.829	428	9427	7.022	ng/mL	99
196) C17-BZ#170	46.962	394	10649	8.050	ng/mL	98

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241804.D
 Acq On : 24 Feb 2018 12:42 pm
 Operator : BNA2:JT
 Sample : I202241803
 Misc : wgl092764,MSAT59,10ug/l
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 26 16:02:47 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
197) C17-BZ#190	47.293	394	16249	7.486	ng/mL	96
198) C18-BZ#196	47.293	428	9764	6.896	ng/mL	82
199) C18-BZ#203	47.376	428	11402	7.729	ng/mL	85
200) C16-BZ#169-RTW	47.657	360	18860	7.847	ng/mL	100
201) C19-BZ#208-RTW	48.816	464	13370	7.439	ng/mL	99
202) C19-BZ#207	49.494	464	13571	7.380	ng/mL	95
203) C17-BZ#189-RTW	49.660	394	14244	7.897	ng/mL	99
204) C18-BZ#195	49.809	428	9984	7.604	ng/mL	98
205) C18-BZ#194	51.497	428	10731	7.938	ng/mL	99
206) C18-BZ#205-RTW	52.076	428	12980	8.256	ng/mL	98
207) C19-BZ#206-Cal/RTW	54.112	464	11074	8.039	ng/mL	97
208) Nonachlorobiphenyls	0.000		0	N.D.	d	
209) C19-Conf Ion	0.000		0	N.D.	d	
210) C110-BZ#209-Cal/RTW	56.396	498	11168	7.739	ng/mL#	82
211) Decachlorobiphenyl	0.000		0	N.D.	d	
212) C110-Conf Ion	0.000		0	N.D.	d	

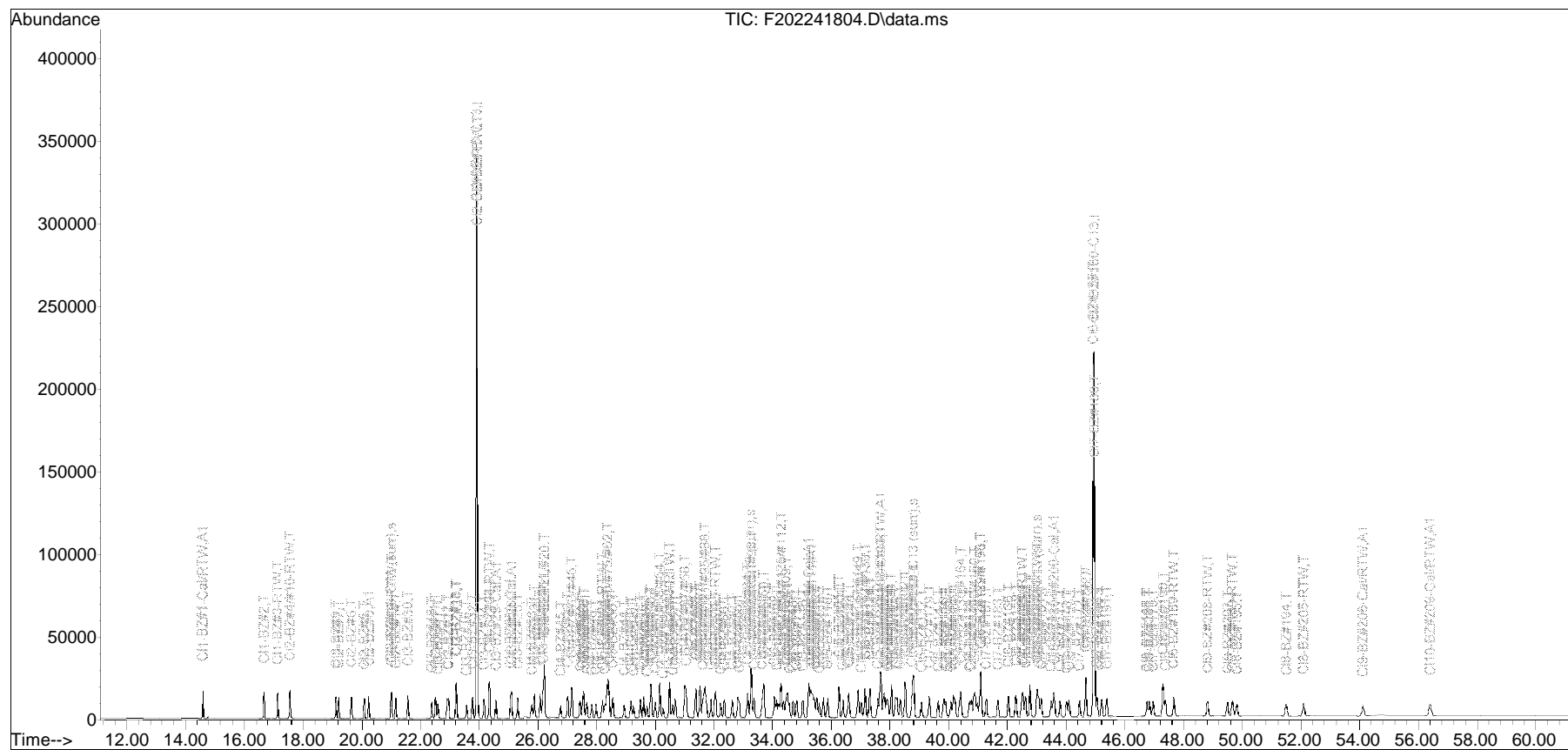
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
Data File : F202241804.D
Acq On : 24 Feb 2018 12:42 pm
Operator : BNA2:JT
Sample : I202241803
Misc : wg1092764,MSAT59,10ug/l
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 26 16:02:47 2018
Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
Quant Title : Method 680 PCB's by GC/MS
QLast Update : Sun Feb 25 10:49:08 2018
Response via : Initial Calibration

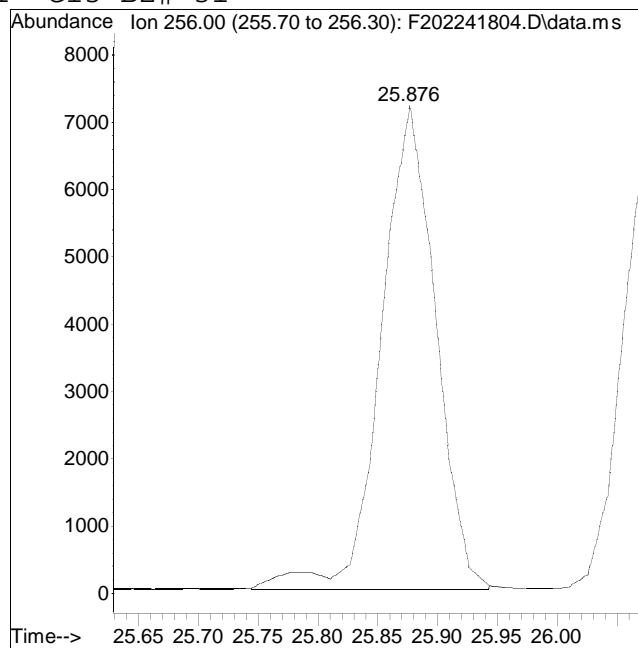
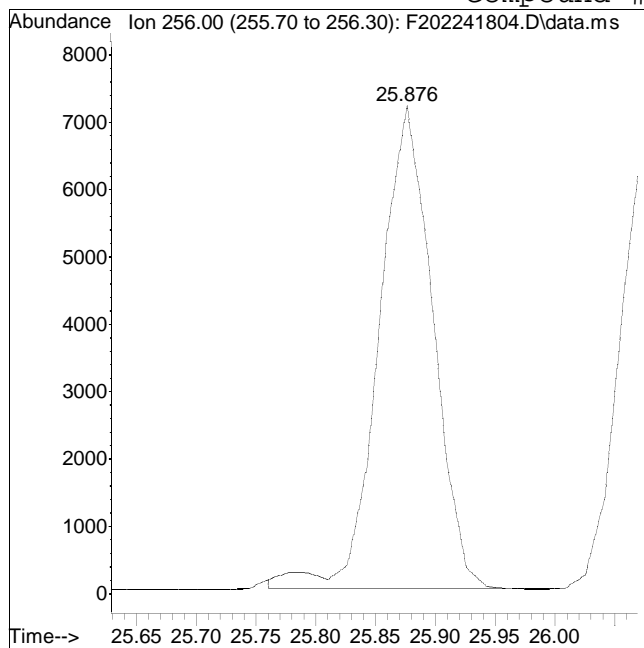
Sub List : Default - All compounds listed



Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241804.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 12:42 pm Instrument : BNA2
Sample : I202241803 Quant Date : 2/25/2018 10:50 am

Compound #41: C13-BZ#-31



Original Peak Response = 22381

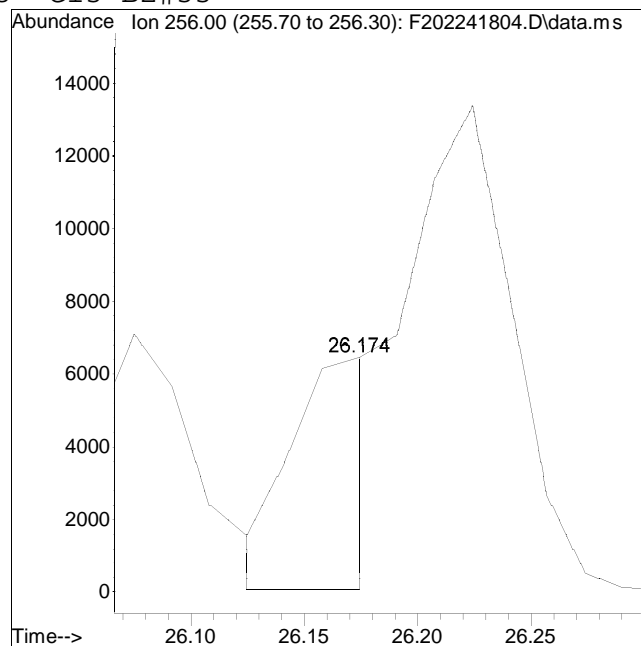
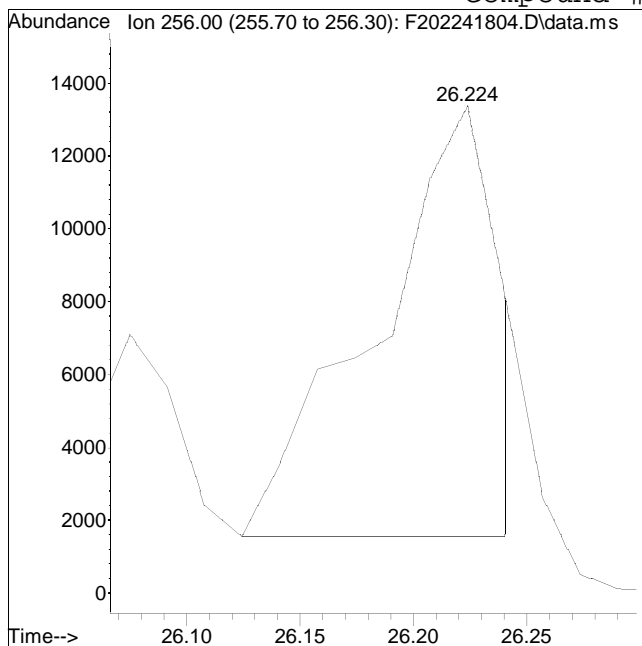
Manual Peak Response = 22914 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241804.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 12:42 pm Instrument : BNA2
Sample : I202241803 Quant Date : 2/25/2018 10:50 am

Compound #43: Cl3-BZ#33



Original Peak Response = 44915

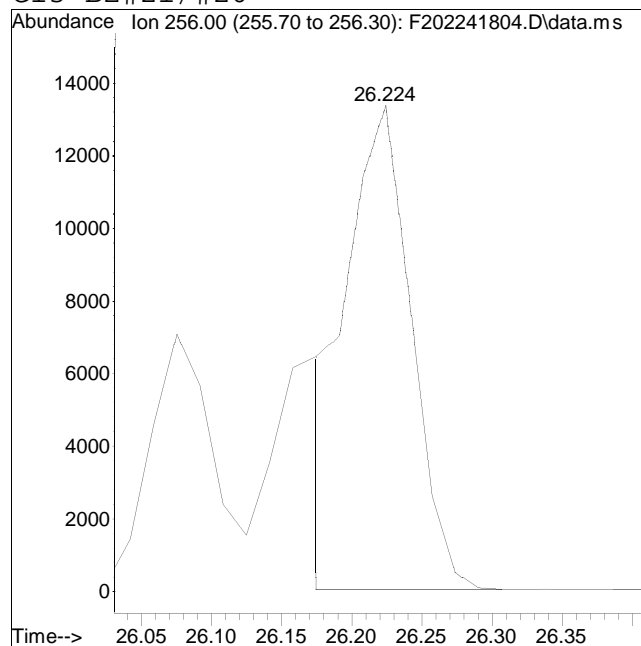
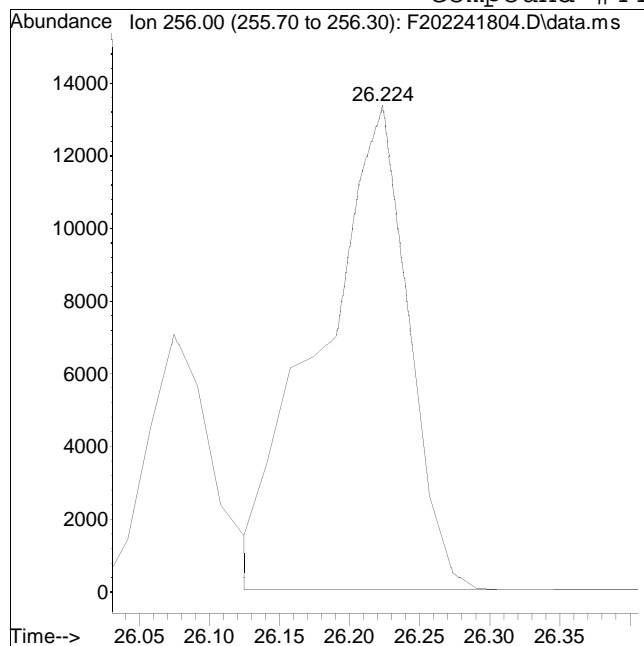
Manual Peak Response = 15882 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241804.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 12:42 pm Instrument : BNA2
Sample : I202241803 Quant Date : 2/25/2018 10:50 am

Compound #44: Cl3-BZ#21/#20

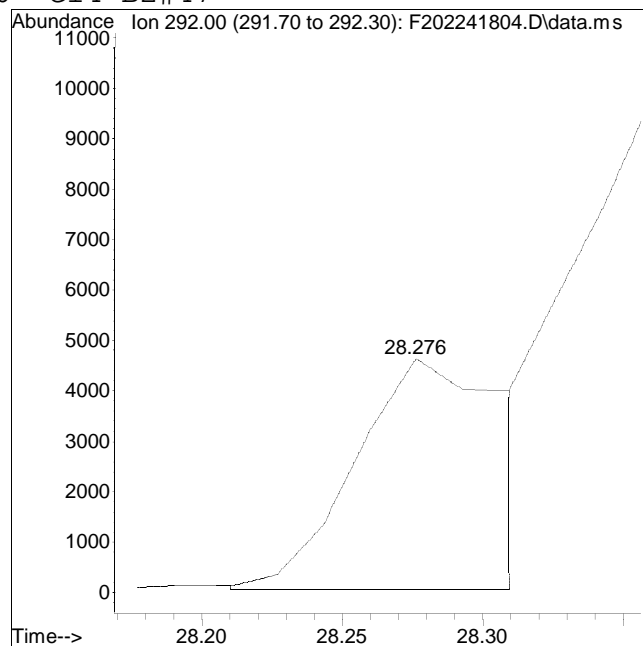
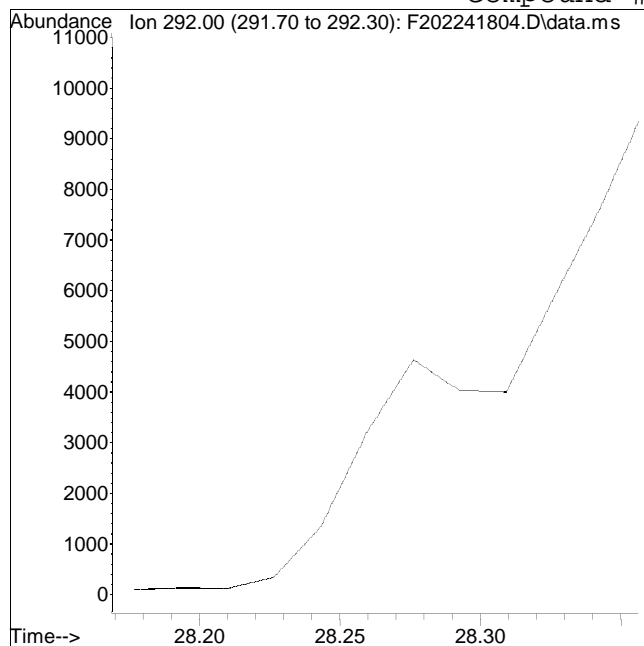


M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241804.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 12:42 pm Instrument : BNA2
Sample : I202241803 Quant Date : 2/25/2018 10:50 am

Compound #56: Cl4-BZ#47



Original Peak Response = 0

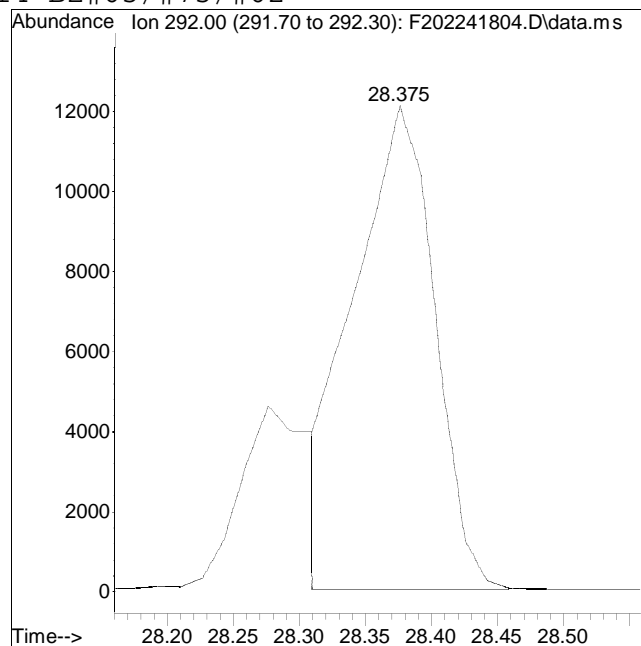
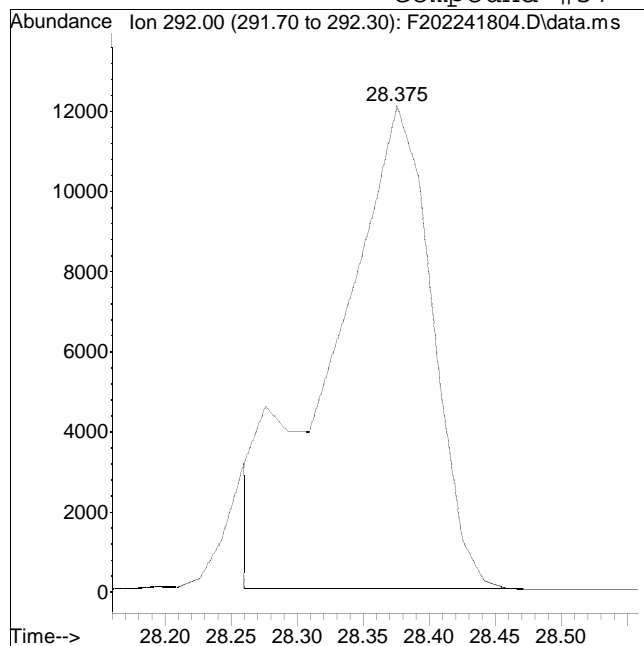
Manual Peak Response = 17122 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241804.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 12:42 pm Instrument : BNA2
Sample : I202241803 Quant Date : 2/25/2018 10:50 am

Compound #57: C14-BZ#65/#75/#62



Original Peak Response = 63408

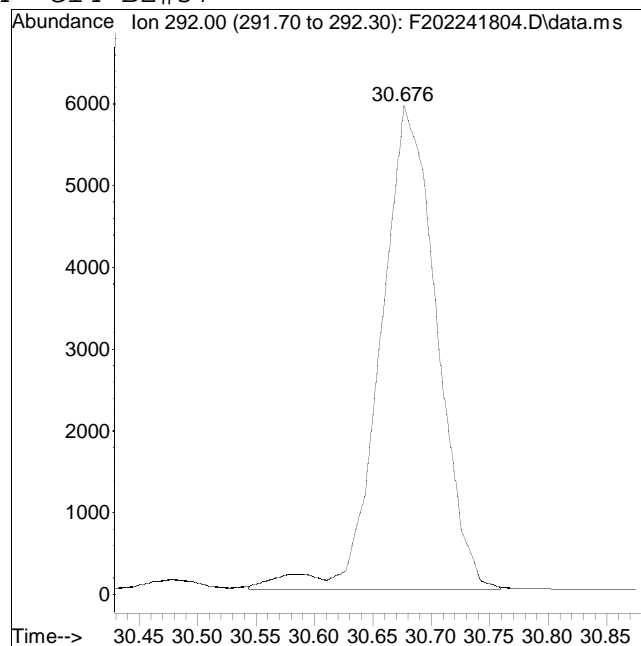
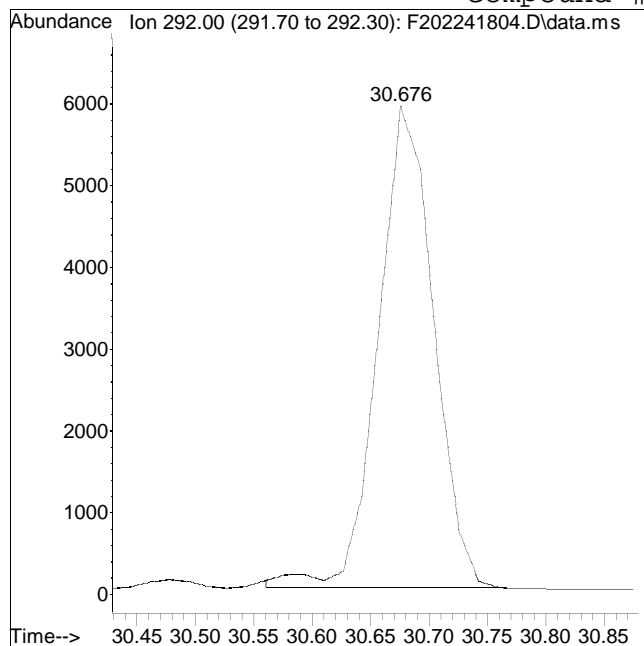
Manual Peak Response = 51475 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241804.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 12:42 pm Instrument : BNA2
Sample : I202241803 Quant Date : 2/25/2018 10:50 am

Compound #74: Cl4-BZ#57



Original Peak Response = 19373

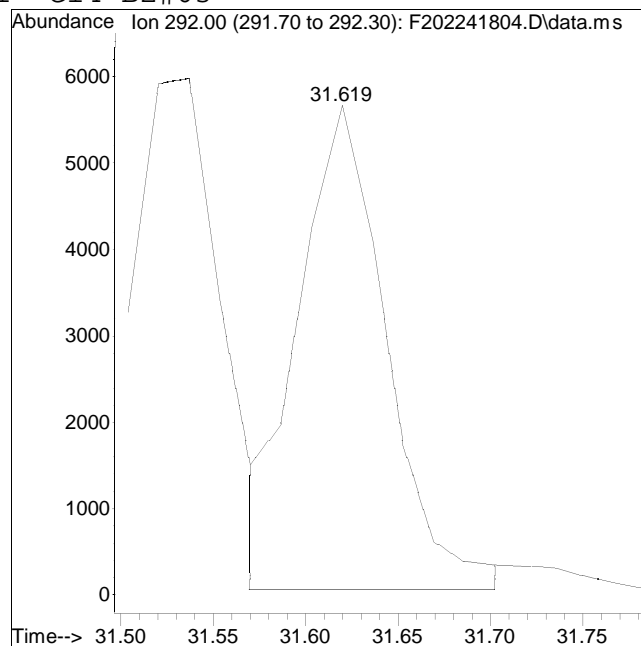
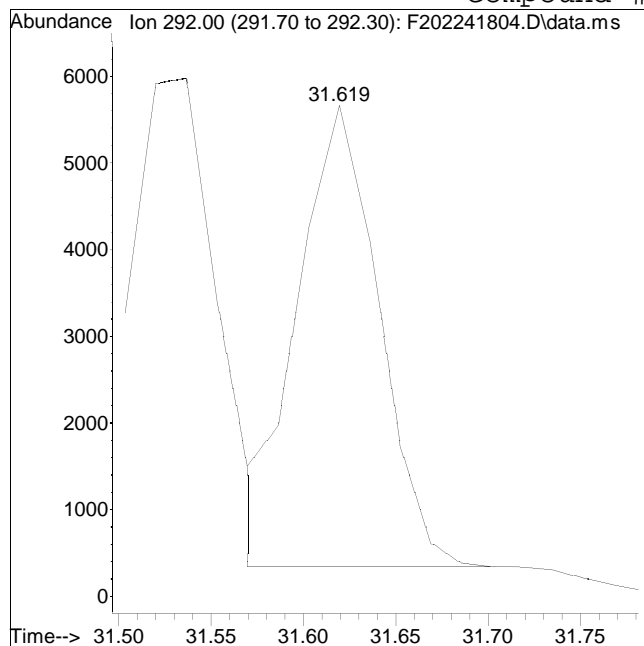
Manual Peak Response = 19881 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241804.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 12:42 pm Instrument : BNA2
Sample : I202241803 Quant Date : 2/25/2018 10:50 am

Compound #81: Cl4-BZ#63



Original Peak Response = 16195

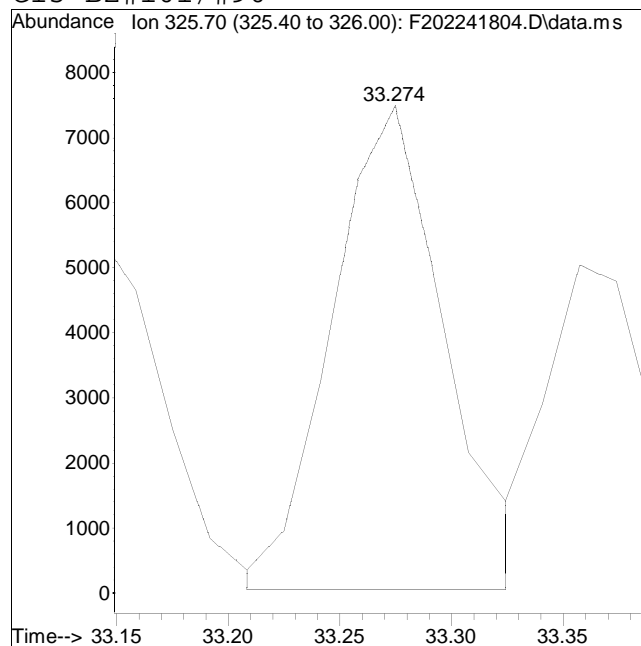
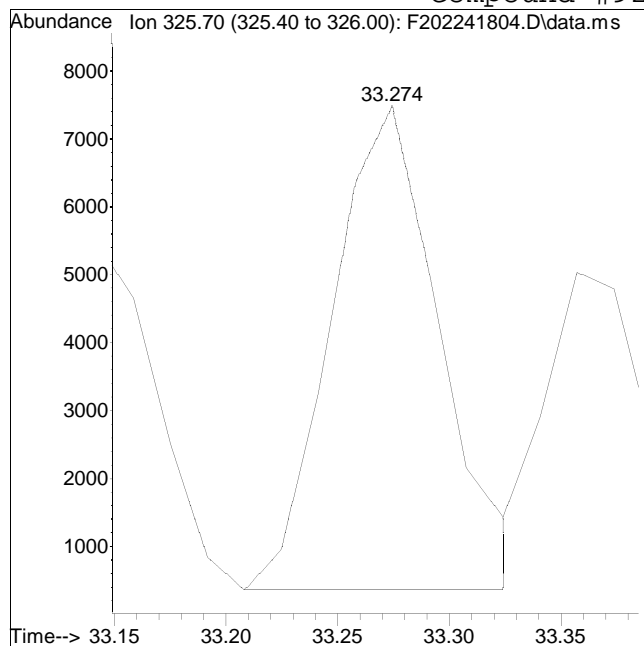
Manual Peak Response = 18467 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241804.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 12:42 pm Instrument : BNA2
Sample : I202241803 Quant Date : 2/25/2018 10:50 am

Compound #92: C15-BZ#101/#90



Original Peak Response = 23991

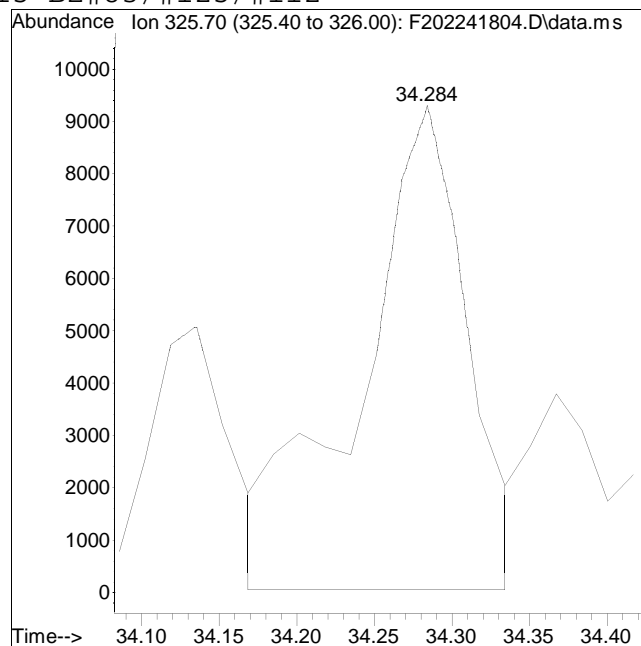
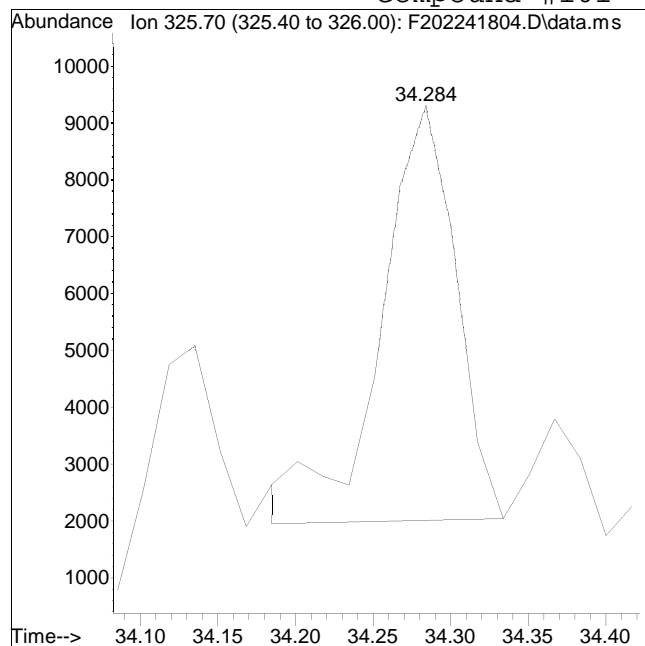
Manual Peak Response = 26146 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241804.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 12:42 pm Instrument : BNA2
Sample : I202241803 Quant Date : 2/25/2018 10:50 am

Compound #101: C15-BZ#83/#125/#112



Original Peak Response = 24561

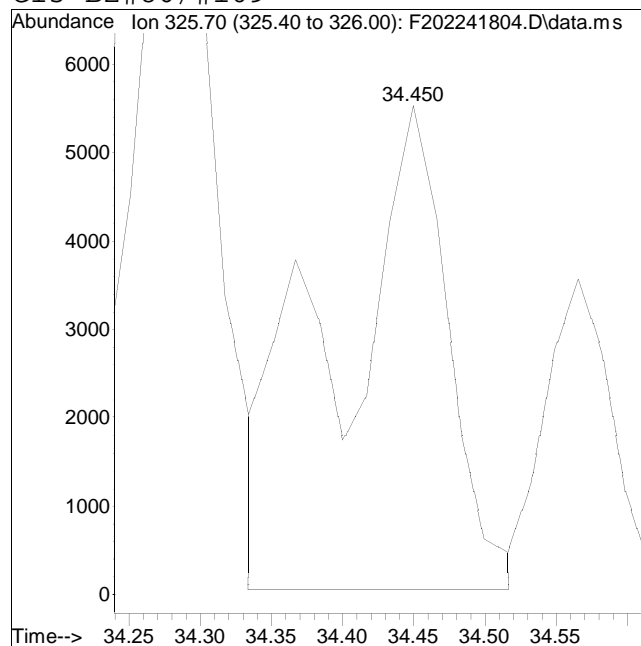
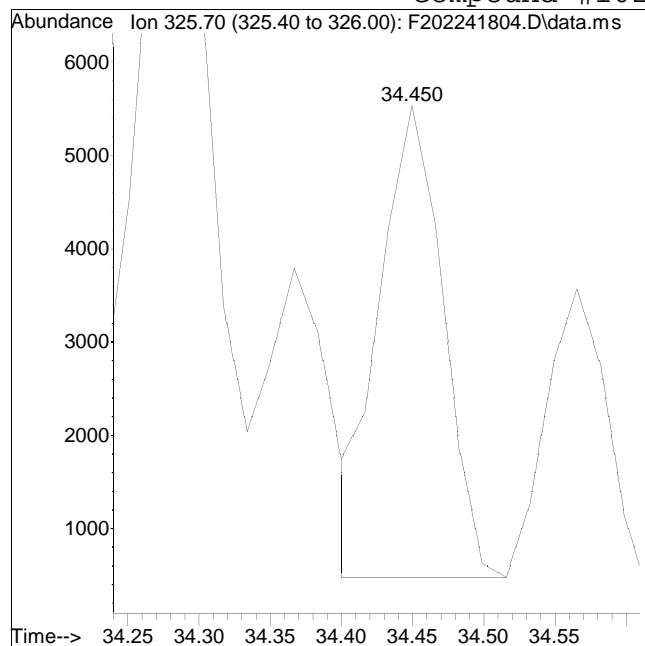
Manual Peak Response = 44518 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241804.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 12:42 pm Instrument : BNA2
Sample : I202241803 Quant Date : 2/25/2018 10:50 am

Compound #102: C15-BZ#86/#109



Original Peak Response = 15805

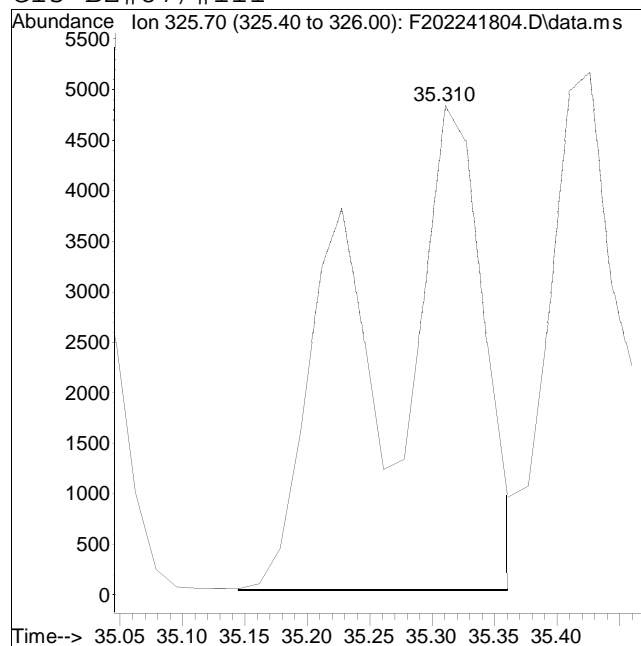
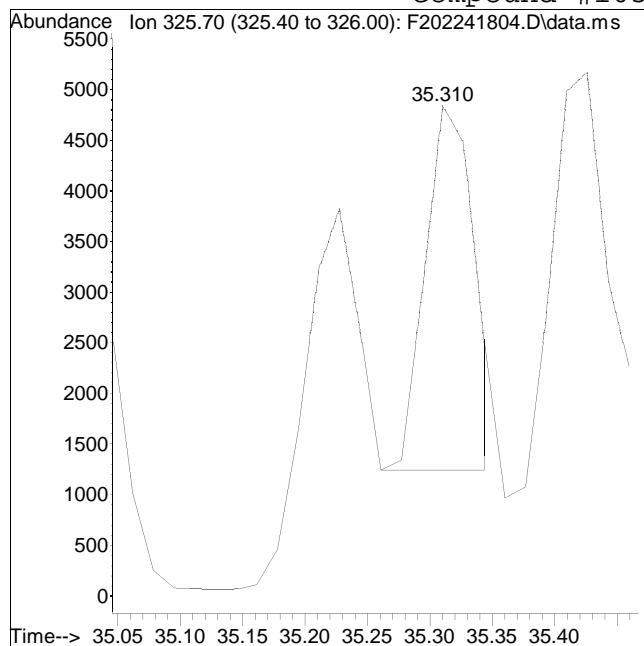
Manual Peak Response = 29891 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241804.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 12:42 pm Instrument : BNA2
Sample : I202241803 Quant Date : 2/25/2018 10:50 am

Compound #105: C15-BZ#87/#111



Original Peak Response = 9901

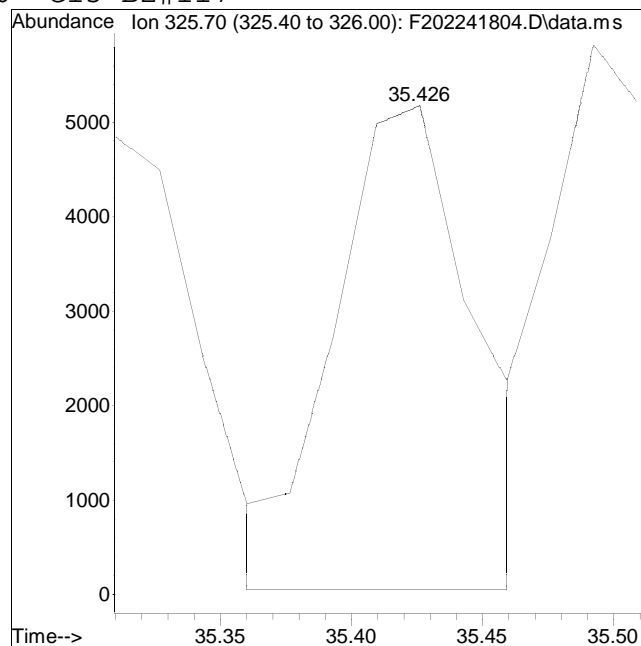
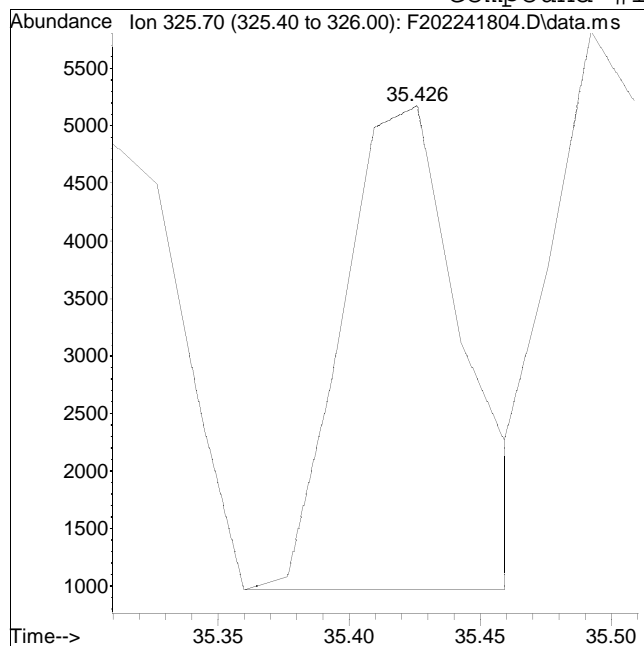
Manual Peak Response = 29398 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241804.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 12:42 pm Instrument : BNA2
Sample : I202241803 Quant Date : 2/25/2018 10:50 am

Compound #116: C15-BZ#117



Original Peak Response = 13466

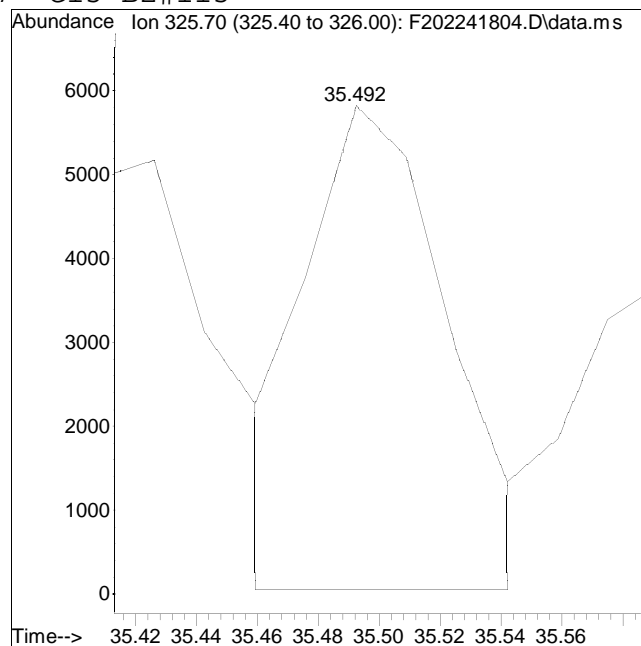
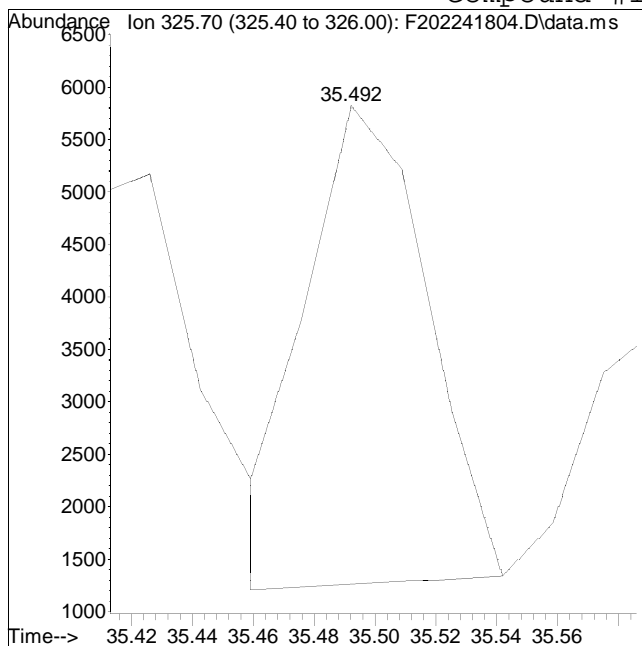
Manual Peak Response = 18924 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241804.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 12:42 pm Instrument : BNA2
Sample : I202241803 Quant Date : 2/25/2018 10:50 am

Compound #117: C15-BZ#115



Original Peak Response = 12581

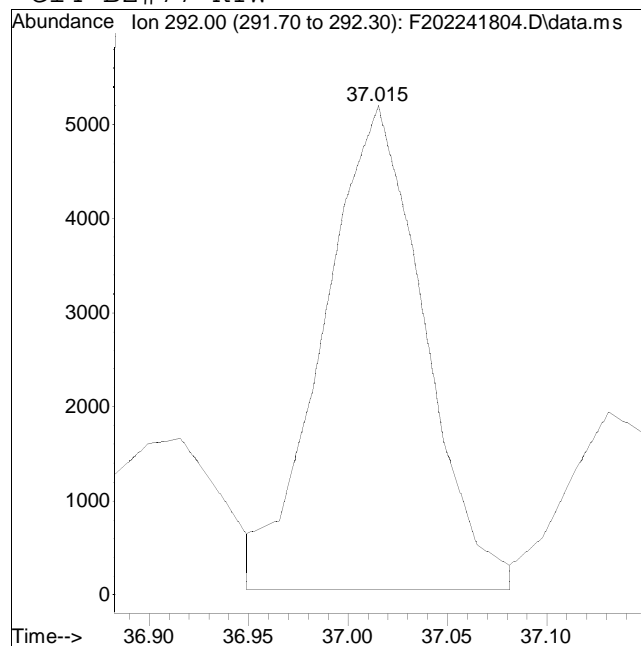
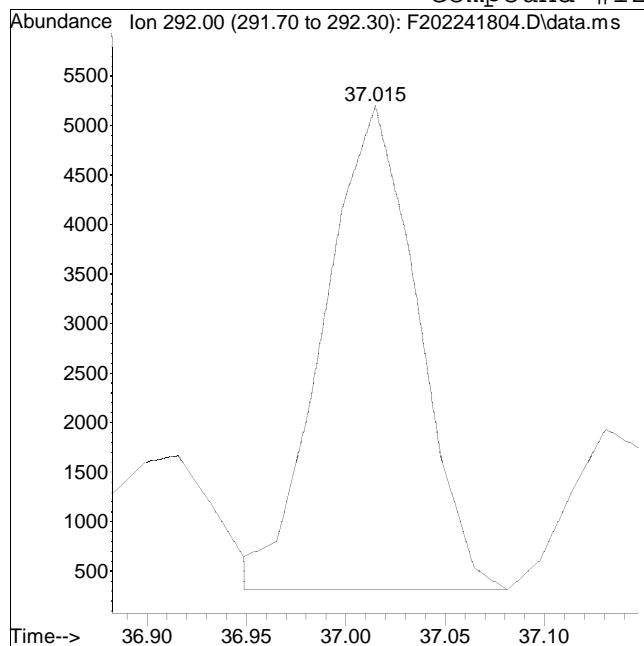
Manual Peak Response = 18652 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241804.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 12:42 pm Instrument : BNA2
Sample : I202241803 Quant Date : 2/25/2018 10:50 am

Compound #128: C14-BZ#77-RTW



Original Peak Response = 15996

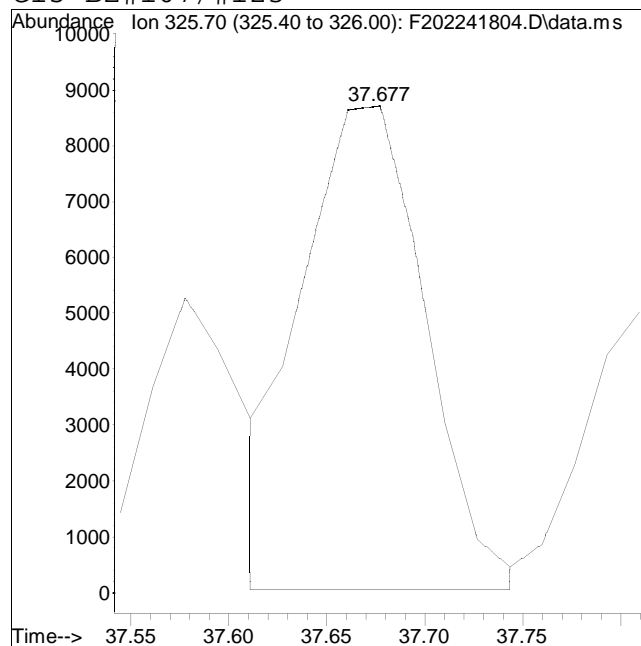
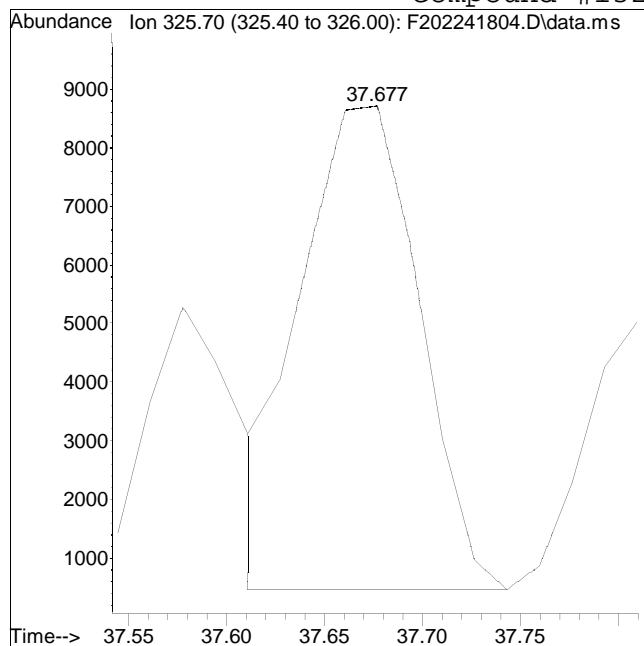
Manual Peak Response = 18038 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241804.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 12:42 pm Instrument : BNA2
Sample : I202241803 Quant Date : 2/25/2018 10:50 am

Compound #132: C15-BZ#107/#123



Original Peak Response = 34746

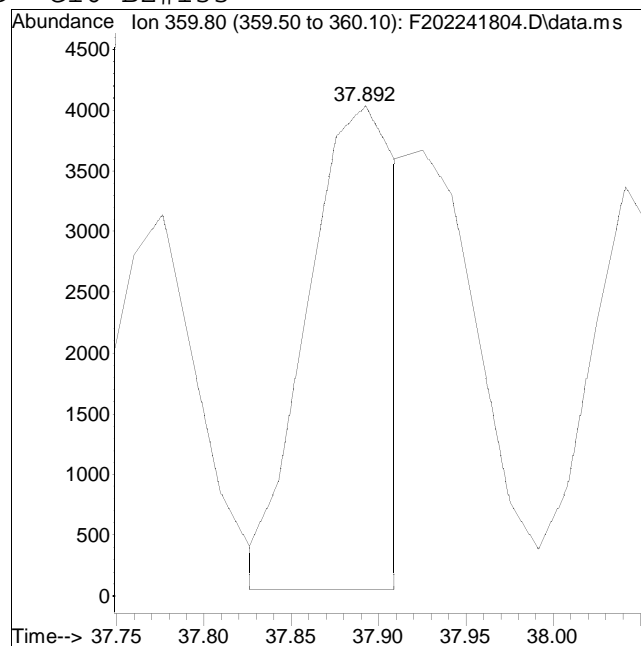
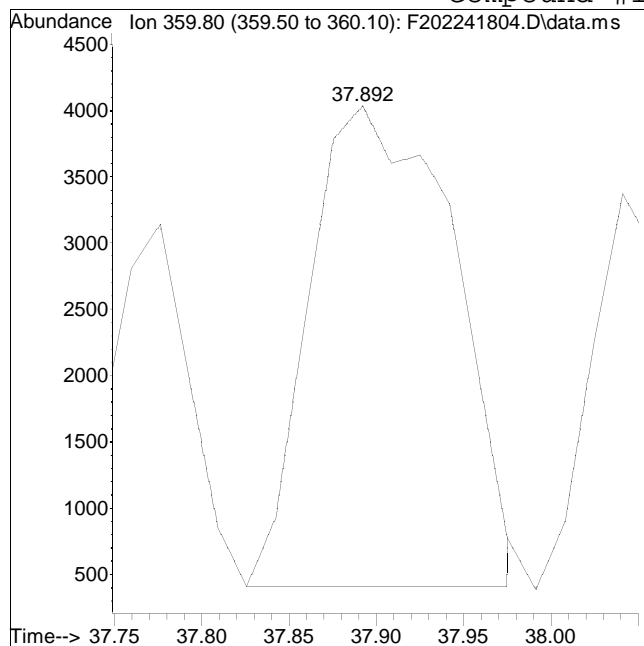
Manual Peak Response = 37987 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241804.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 12:42 pm Instrument : BNA2
Sample : I202241803 Quant Date : 2/25/2018 10:50 am

Compound #139: Cl6-BZ#133



Original Peak Response = 20715

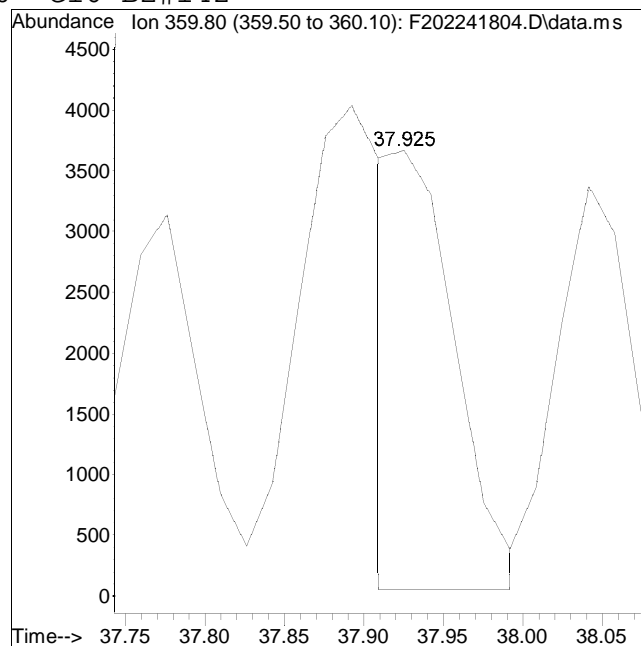
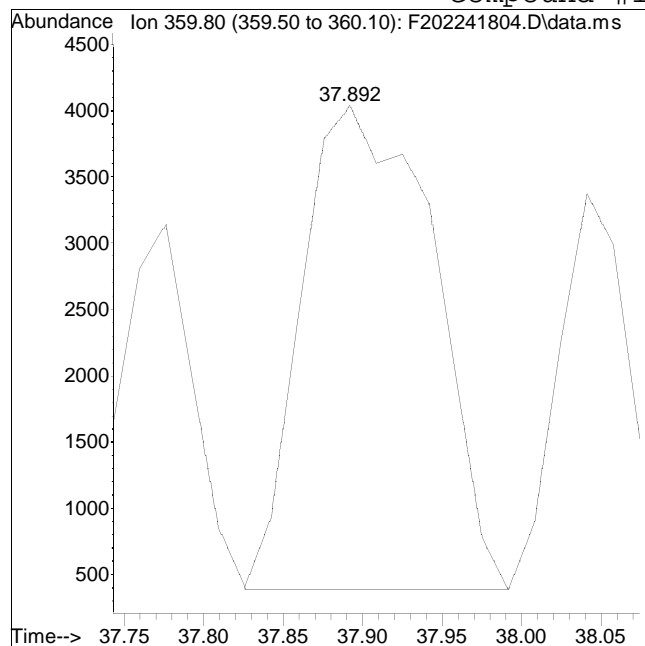
Manual Peak Response = 14417 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241804.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 12:42 pm Instrument : BNA2
Sample : I202241803 Quant Date : 2/25/2018 10:50 am

Compound #140: Cl6-BZ#142



Original Peak Response = 20930

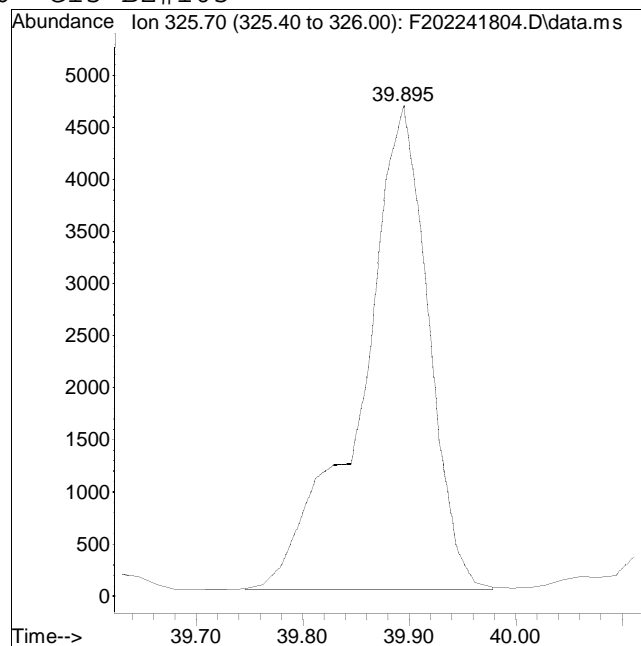
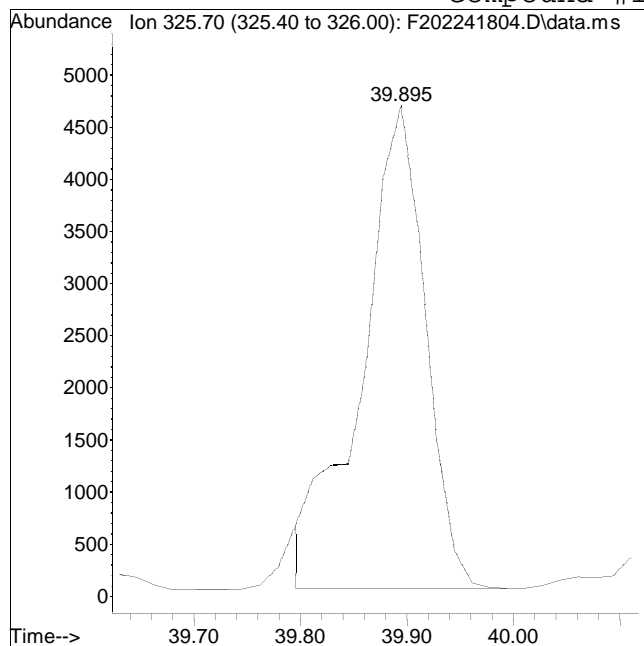
Manual Peak Response = 9830 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241804.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 12:42 pm Instrument : BNA2
Sample : I202241803 Quant Date : 2/25/2018 10:50 am

Compound #156: C15-BZ#105



Original Peak Response = 19179

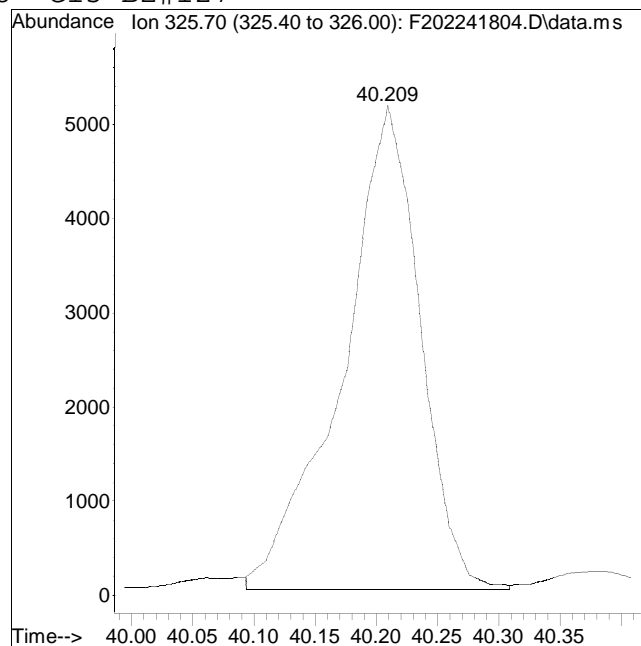
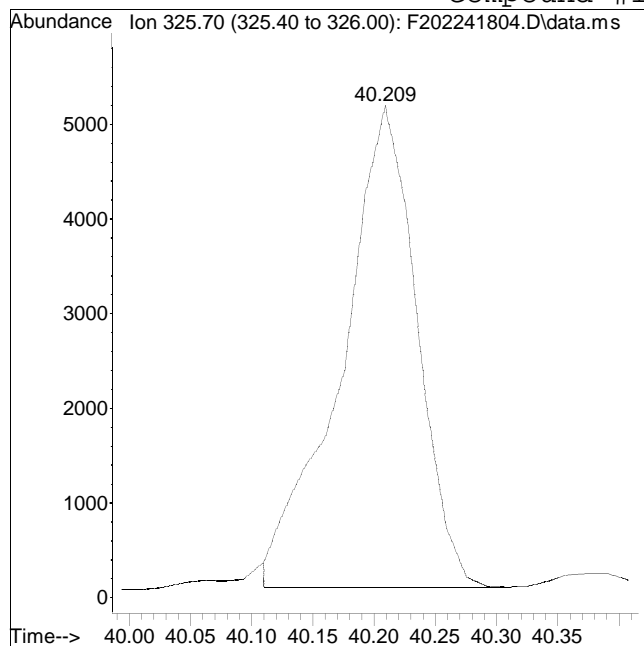
Manual Peak Response = 20310 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241804.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 12:42 pm Instrument : BNA2
Sample : I202241803 Quant Date : 2/25/2018 10:50 am

Compound #158: C15-BZ#127



Original Peak Response = 21759

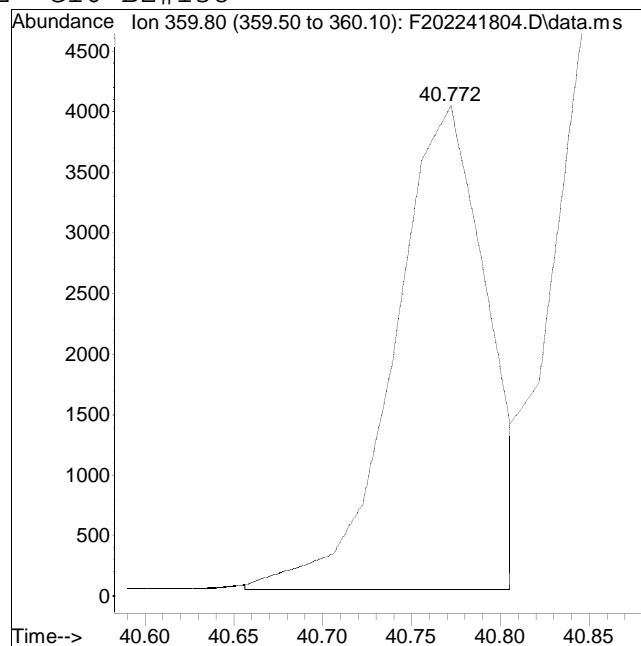
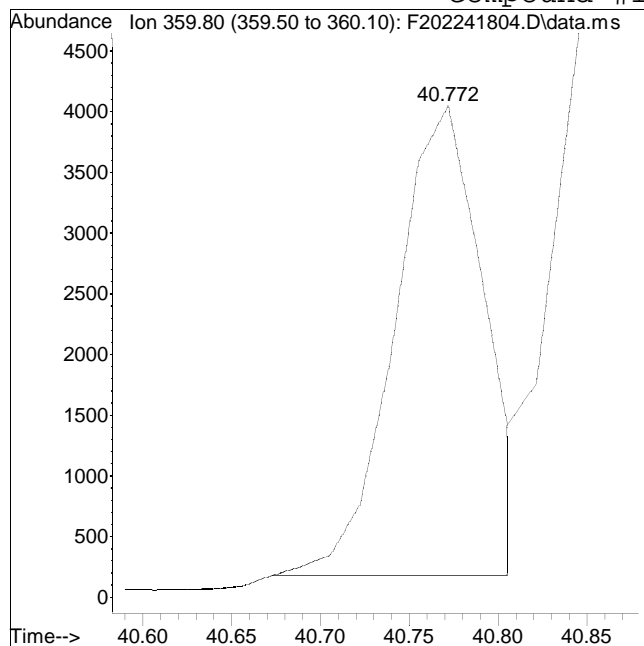
Manual Peak Response = 22656 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241804.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 12:42 pm Instrument : BNA2
Sample : I202241803 Quant Date : 2/25/2018 10:50 am

Compound #162: Cl6-BZ#138



Original Peak Response = 13661

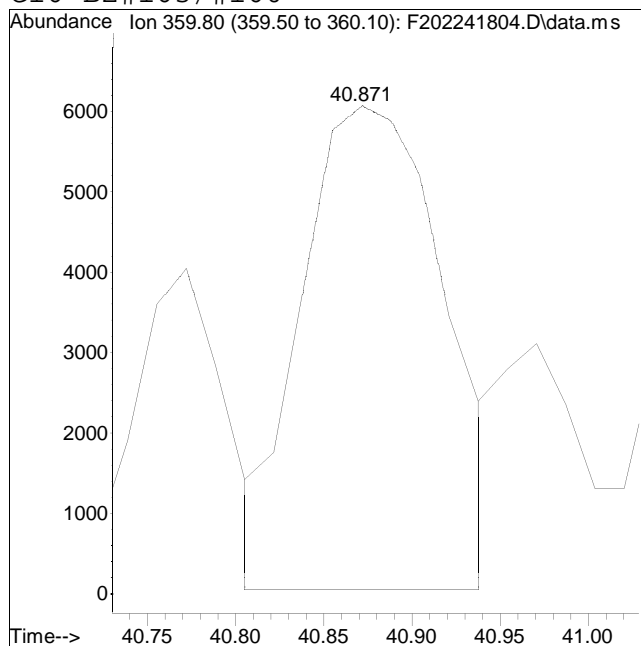
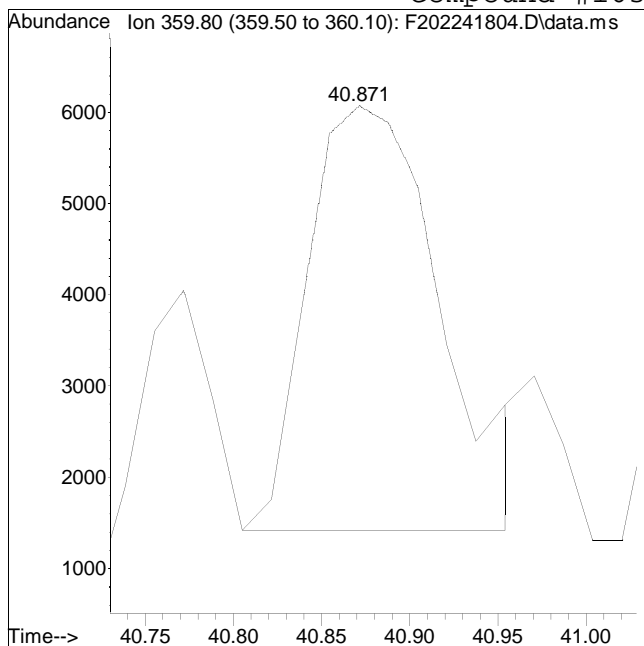
Manual Peak Response = 14787 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241804.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 12:42 pm Instrument : BNA2
Sample : I202241803 Quant Date : 2/25/2018 10:50 am

Compound #163: C16-BZ#163/#160



Original Peak Response = 24108

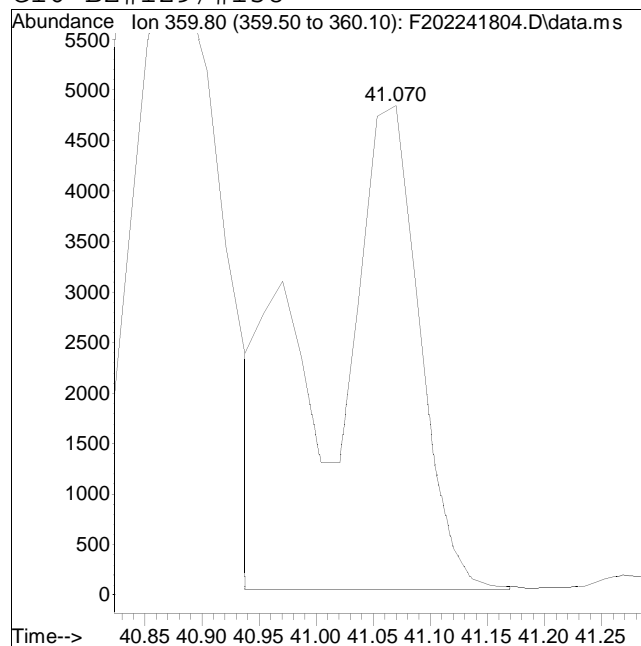
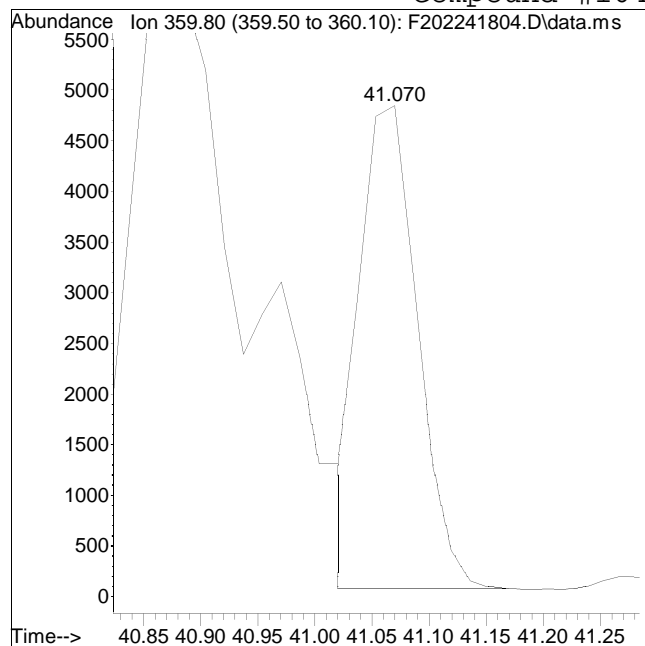
Manual Peak Response = 33657 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241804.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 12:42 pm Instrument : BNA2
Sample : I202241803 Quant Date : 2/25/2018 10:50 am

Compound #164: Cl6-BZ#129/#158



Original Peak Response = 16857

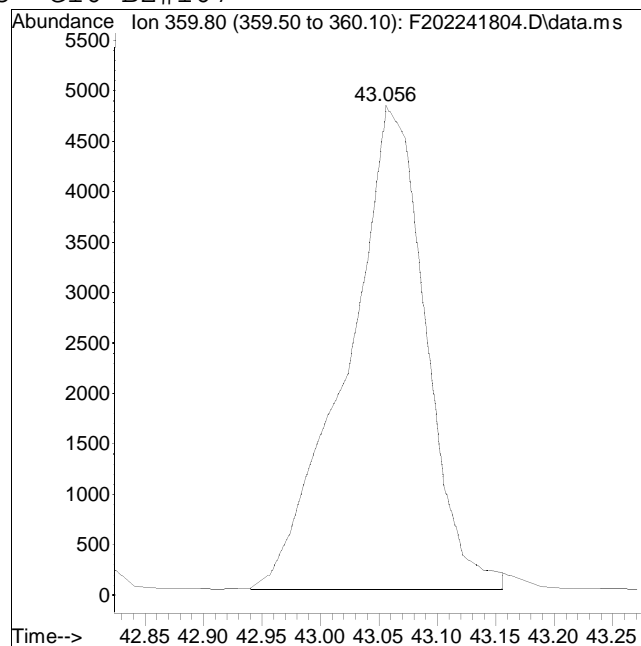
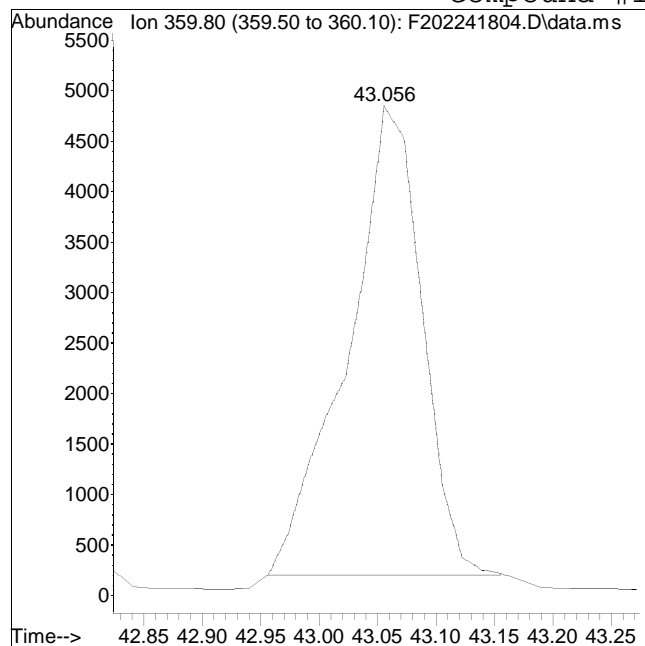
Manual Peak Response = 27703 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241804.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 12:42 pm Instrument : BNA2
Sample : I202241803 Quant Date : 2/25/2018 10:50 am

Compound #175: Cl6-BZ#167



Original Peak Response = 20537

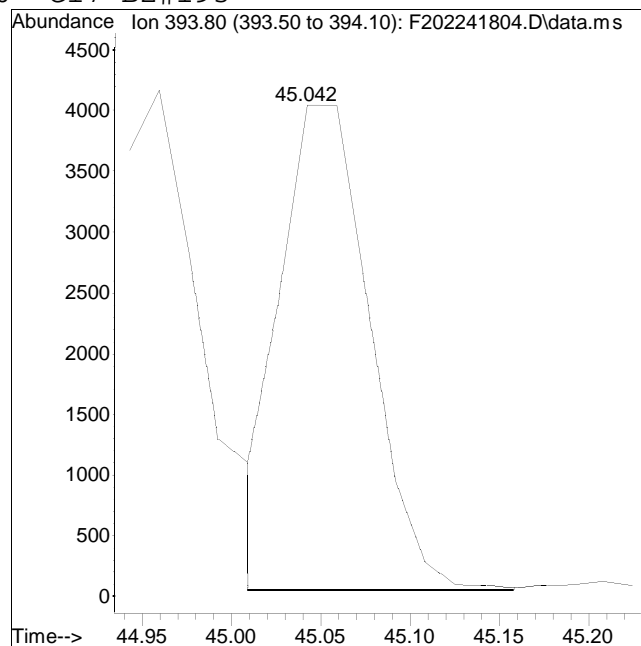
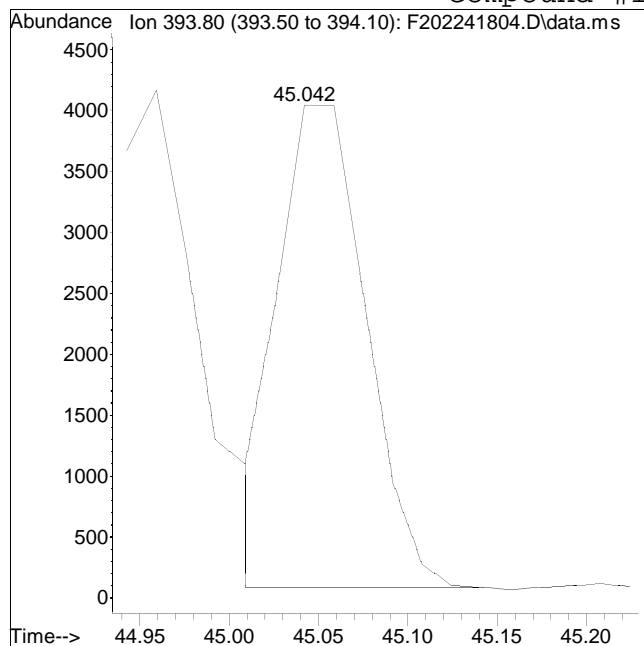
Manual Peak Response = 22538 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241804.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 12:42 pm Instrument : BNA2
Sample : I202241803 Quant Date : 2/25/2018 10:50 am

Compound #190: C17-BZ#193



Original Peak Response = 13564

Manual Peak Response = 13850 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241805.D
 Acq On : 24 Feb 2018 1:56 pm
 Operator : BNA2:JT
 Sample : I202241804
 Misc : wgl092764,MSAT58,50ug/l
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 26 16:04:44 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.912	234	565469	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.926	406	305049	200.000	ng/mL	0.00	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.993	268	19475	13.779	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	13.78%#		
93) C15-BZ#101-C13 (surr)	33.241	338	28945	13.931	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	13.93%#		
151) C16-BZ#153-C13 (surr)	38.786	372	27776	12.702	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	12.70%#		
177) C18-BZ#202-C13 (surr)	42.990	442	27592	14.454	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	14.45%#		
Target Compounds							
3) C11-BZ#1-Cal/RTW	14.583	188	51823	13.550	ng/mL	100	Qvalue
4) Monochlorobiphenyls	0.000		0	N.D.	d		
5) C11- conf Ion	0.000		0	N.D.	d		
6) C11-BZ#2	16.666	188	53838	14.430	ng/mL	100	
7) C11-BZ#3-RTW	17.133	188	53270	14.348	ng/mL	100	
8) C12-BZ#4/#10-RTW	17.551	222	63094	26.498	ng/mL	99	
9) C12-BZ#9	19.111	222	40219	14.337	ng/mL	100	
10) C12-BZ#7	19.207	222	39551	14.618	ng/mL	100	
11) C12-BZ#6	19.634	222	42711	14.361	ng/mL	100	
12) C12-BZ#5	20.076	222	38412	13.393	ng/mL	100	
13) C12-BZ#8	20.229	222	44370	14.070	ng/mL	100	
14) Dichlorobiphenyls	0.000		0	N.D.	d		
15) C12-Conf Ion	0.000		0	N.D.	d		
16) C13-BZ#19-RTW	21.009	256	21716	13.129	ng/mL	100	
17) C12-BZ#14	21.154	222	42540	14.699	ng/mL	98	
18) C13-BZ#30	21.564	256	35111	13.855	ng/mL	100	
19) C13-BZ#18	22.376	256	23960	13.708	ng/mL	100	
20) C12-BZ#11	22.505	222	46109	14.520	ng/mL	99	
21) C13-BZ#17	22.585	256	22457	13.595	ng/mL	100	
22) C12-BZ#12	22.907	222	40670	14.697	ng/mL	98	
23) C13-BZ#27	22.947	256	31636	13.877	ng/mL	98	
24) C12-BZ#13	23.196	222	46312	14.550	ng/mL	99	
25) C13-BZ#24	23.220	256	32296	14.367	ng/mL	99	
26) C13-BZ#16	23.558	256	19717	13.703	ng/mL	96	
27) C13-BZ#32	23.759	256	34215	13.909	ng/mL	97	
28) C12-BZ#15-RTW	23.928	222	47777	14.533	ng/mL	100	

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241805.D
 Acq On : 24 Feb 2018 1:56 pm
 Operator : BNA2:JT
 Sample : I202241804
 Misc : wgl092764,MSAT58,50ug/l
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 26 16:04:44 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) C13-BZ#34	24.161	256	32626	14.325	ng/mL	99
30) C13-BZ#23	24.338	256	32087	14.262	ng/mL	99
31) C14-BZ#54-RTW	24.346	292	30104	13.414	ng/mL	99
32) C13-BZ#29-Cal	24.563	256	32219	14.515	ng/mL	100
33) Trichlorobiphenyls	0.000		0	N.D.	d	
34) C13- Conf Ion	0.000		0	N.D.	d	
35) C14-BZ#50-Cal	25.070	292	24664	13.553	ng/mL	98
36) Tetrachlorobiphenyls	0.000		0	N.D.	d	
37) C14-Conf Ion	0.000		0	N.D.	d	
38) C13-BZ#26	25.102	256	35629	14.820	ng/mL	100
39) C13-BZ#25	25.311	256	34808	14.345	ng/mL	100
40) C14-BZ#53	25.793	292	27488	13.928	ng/mL	100
41) C13-BZ#-31	25.876	256	47766M4	15.559	ng/mL	
42) C13-BZ#28	26.075	256	46906	15.020	ng/mL	100
43) C13-BZ#33	26.158	256	35009M3	12.424	ng/mL	
44) C13-BZ#21/#20	26.224	256	87111M3	31.107	ng/mL	
45) C14-BZ#51	26.207	292	30700	14.233	ng/mL	98
46) C14-BZ#45	26.770	292	23568	14.500	ng/mL	99
47) C13-BZ#22	27.002	256	42440	15.072	ng/mL	100
48) C14-BZ#73/#46	27.151	292	63675	28.732	ng/mL	100
49) C14-BZ#69	27.432	292	37740	14.637	ng/mL	99
50) C14-BZ#43	27.531	292	24922	13.636	ng/mL	99
51) C13-BZ#36	27.564	256	47874	14.760	ng/mL	98
52) C14-BZ#52	27.664	292	30230	13.841	ng/mL	100
53) C14-BZ#48	27.829	292	27669	15.107	ng/mL	100
54) C14-BZ#49	27.978	292	28900	14.474	ng/mL	100
55) C15-BZ#104-RTW	28.193	326	30463	14.067	ng/mL	100
56) C14-BZ#47	28.276	292	28101M3	13.150	ng/mL	
57) C14-BZ#65/#75/#62	28.375	292	115727M4	44.366	ng/mL	
58) C13-BZ#39	28.425	256	43220	14.861	ng/mL	99
59) C13-BZ#38	28.541	256	42828	14.962	ng/mL	98
60) C14-BZ#44	28.938	292	25679	14.633	ng/mL	100
61) C14-BZ#59	29.170	292	36409	14.327	ng/mL	99
62) C14-BZ#42	29.253	292	24865	14.897	ng/mL	100
63) C14-BZ#71	29.484	292	39190	14.397	ng/mL	99
64) C13-BZ#35	29.600	256	43565	15.476	ng/mL	100
65) C14-BZ#41	29.716	292	24338	15.318	ng/mL	99
66) C14-BZ#72	29.832	292	41648	14.788	ng/mL	98
67) C15-BZ#96	29.865	326	33589	14.393	ng/mL	98
68) C15-BZ#103	29.981	326	25746	15.486	ng/mL	97
69) C14-BZ#68/#64	30.146	292	77433	29.677	ng/mL	99

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241805.D
 Acq On : 24 Feb 2018 1:56 pm
 Operator : BNA2:JT
 Sample : I202241804
 Misc : wgl092764,MSAT58,50ug/l
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 26 16:04:44 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) C14-BZ#40	30.262	292	18598	14.705	ng/mL	98
71) C13-BZ#37-RTW	30.477	256	58082	15.689	ng/mL	100
72) C15-BZ#100	30.477	326	27466	14.588	ng/mL	99
73) C15-BZ#94	30.577	326	20727	14.394	ng/mL	99
74) C14-BZ#57	30.676	292	41872M4	14.914	ng/mL	
75) C14-BZ#67/#58	31.007	292	83657	29.769	ng/mL	99
76) C15-BZ#102	31.057	326	29276	14.101	ng/mL	100
77) C14-BZ#61	31.371	292	40371	14.659	ng/mL	98
78) C15-BZ#98	31.388	326	26651	14.342	ng/mL	99
79) C14-BZ#76	31.520	292	43659	14.447	ng/mL	99
80) C15-BZ#93	31.520	326	22026	14.461	ng/mL	99
81) C14-BZ#63	31.619	292	38754M4	14.648	ng/mL	
82) C15-BZ#121/#95/#88	31.686	326	86733	43.465	ng/mL	100
83) C14-BZ#74	31.884	292	42362	14.791	ng/mL	100
84) C16-BZ#155-RTW	32.033	360	31950	14.423	ng/mL	98
85) C14-BZ#70	32.066	292	43513	13.000	ng/mL	100
86) C14-BZ#66	32.348	292	40076	14.901	ng/mL	100
87) C15-BZ#91	32.215	326	24731	14.107	ng/mL	100
88) C14-BZ#80	32.612	292	41446	15.365	ng/mL	99
89) C14-BZ#55	32.811	292	42148	15.126	ng/mL	98
90) C15-BZ#92	32.861	326	24612	14.605	ng/mL	100
91) C15-BZ#89/#84	33.142	326	46987	26.472	ng/mL	100
92) C15-BZ#101/#90	33.274	326	54632M4	30.021	ng/mL	
94) C14-BZ#56	33.258	292	41745	14.583	ng/mL	99
95) C15-BZ#113	33.357	326	31754	14.367	ng/mL	97
96) C15-BZ#99	33.622	326	30243	14.808	ng/mL	99
97) C16-BZ#150	33.688	360	33871	14.453	ng/mL	99
98) C14-BZ#60	33.688	292	44716	13.958	ng/mL	99
99) C16-BZ#152	34.052	360	37083	14.369	ng/mL	100
100) C15-BZ#119	34.135	326	37796	14.727	ng/mL	100
101) C15-BZ#83/#125/#112	34.284	326	92610M1	44.159	ng/mL	
102) C15-BZ#86/#109	34.449	326	60058M1	29.140	ng/mL	
103) C15-BZ#97	34.565	326	23507	14.722	ng/mL	99
104) C15-BZ#116	35.012	326	31757	14.900	ng/mL	99
105) C15-BZ#87/#111	35.310	326	62344M1	29.450	ng/mL	
106) Pentachlorobiphenyls	0.000		0	N.D.	d	
107) C15-Conf Ion	0.000		0	N.D.	d	
108) C16-BZ#145	34.499	360	37654	14.403	ng/mL	98
109) C16-BZ#148	34.698	360	25642	14.786	ng/mL	99
110) C14-BZ#79	34.814	292	41642	15.773	ng/mL	99
111) C16-BZ#154-Cal	35.227	360	29349	14.898	ng/mL	99

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241805.D
 Acq On : 24 Feb 2018 1:56 pm
 Operator : BNA2:JT
 Sample : I202241804
 Misc : wgl092764,MSAT58,50ug/l
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 26 16:04:44 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112) Hexachlorobiphenyls	0.000		0		N.D.	d
113) Cl6-Conf Ion	0.000		0		N.D.	d
114) Cl4-BZ#78	35.277	292	51974	15.191	ng/mL#	76
115) Cl6-BZ#136	35.360	360	33334	14.293	ng/mL	99
116) Cl5-BZ#117	35.409	326	39507M4	14.768	ng/mL	
117) Cl5-BZ#115	35.492	326	38650M4	15.498	ng/mL	
118) Cl5-BZ#85	35.591	326	23183	14.296	ng/mL	100
119) Cl5-BZ#120	35.724	326	38117	15.464	ng/mL	98
120) Cl5-BZ#110	35.873	326	35708	14.855	ng/mL	100
121) Cl4-BZ#81	36.254	292	40931	15.787	ng/mL	100
123) Cl6-BZ#151	36.254	360	25551	14.460	ng/mL	99
124) Cl6-BZ#135	36.386	360	27431	14.645	ng/mL	99
125) Cl5-BZ#82	36.568	326	23619	13.654	ng/mL	99
126) Cl6-BZ#144	36.601	360	26731	14.031	ng/mL	98
127) Cl6-BZ#147/#149	36.899	360	56556	28.874	ng/mL	99
128) Cl4-BZ#77-RTW	37.015	292	38321M4	14.962	ng/mL	
129) Cl6-BZ#143/#139	37.147	360	55228	27.700	ng/mL	99
130) Cl5-BZ#124	37.296	326	36744	14.353	ng/mL	99
131) Cl5-BZ#108	37.578	326	37488	14.575	ng/mL	99
132) Cl5-BZ#107/#123	37.660	326	79142M4	28.993	ng/mL	
133) Cl6-BZ#140	37.313	360	25836	13.665	ng/mL	100
134) Cl7-BZ#188-Cal/RTW	37.677	394	31384	13.534	ng/mL	99
135) Heptachlorobiphenyls	0.000		0		N.D.	d
136) Cl7-Conf Ion	0.000		0		N.D.	d
137) Cl6-BZ#134	37.760	360	23059	14.151	ng/mL	97
138) Cl5-BZ#106	37.809	326	38271M4	14.077	ng/mL	
139) Cl6-BZ#133	37.875	360	30952M3	14.702	ng/mL	
140) Cl6-BZ#142	37.925	360	20118M3	13.175	ng/mL	
141) Cl5-BZ#118	38.041	326	35002	14.314	ng/mL	98
142) Cl6-BZ#131	38.041	360	23857	14.828	ng/mL	99
143) Cl7-BZ#184	38.173	394	30761	13.657	ng/mL	98
144) Cl6-BZ#165	38.240	360	33558	14.436	ng/mL	97
145) Cl6-BZ#146	38.339	360	28948	14.636	ng/mL	99
146) Cl6-BZ#161	38.521	360	36928	14.185	ng/mL	100
147) Cl5-BZ#122	38.504	326	32091	14.351	ng/mL	100
148) Cl6-BZ#168	38.736	360	35698	14.586	ng/mL	99
149) Cl5-BZ#114	38.786	326	35402	13.898	ng/mL	100
150) Cl6-BZ#153	38.802	360	30811	13.665	ng/mL	97
152) Cl6-BZ#132	39.067	360	25063	13.768	ng/mL	98
153) Cl7-BZ#179	39.332	394	31379	14.190	ng/mL	99
154) Cl6-BZ#141	39.630	360	25249	15.471	ng/mL	100

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241805.D
 Acq On : 24 Feb 2018 1:56 pm
 Operator : BNA2:JT
 Sample : I202241804
 Misc : wgl092764,MSAT58,50ug/l
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 26 16:04:44 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
155) C17-BZ#176	39.828	394	29515	14.082	ng/mL	100
156) C15-BZ#105	39.895	326	42437M4	14.916	ng/mL	
157) C16-BZ#137	40.060	360	26270	14.692	ng/mL	98
158) C15-BZ#127	40.209	326	46311	14.596	ng/mL#	75
159) C17-BZ#186	40.143	394	33606	13.864	ng/mL	100
160) C16-BZ#130/#164	40.408	360	60351	29.300	ng/mL	98
161) C17-BZ#178	40.706	394	22588	14.610	ng/mL	99
162) C16-BZ#138	40.772	360	29957	13.883	ng/mL	100
163) C16-BZ#163/#160	40.871	360	71101M4	29.981	ng/mL	
164) C16-BZ#129/#158	41.070	360	57967M4	27.654	ng/mL	
165) C17-BZ#182/#175	41.086	394	53179	28.204	ng/mL	100
166) C17-BZ#187	41.268	394	26529	14.275	ng/mL	98
167) C17-BZ#183	41.666	394	25952	16.282	ng/mL	100
168) C16-BZ#166	42.030	360	37748	15.046	ng/mL	98
169) C16-BZ#159	42.278	360	37615	15.513	ng/mL	100
170) C15-BZ#126-RTW	42.493	326	46250	15.240	ng/mL	89
171) C17-BZ#185	42.526	394	23631	14.685	ng/mL	99
172) C16-BZ#162	42.609	360	37006M4	15.819	ng/mL	
173) C17-BZ#174	42.758	394	23773	14.233	ng/mL	100
174) C16-BZ#128	42.774	360	25893	14.050	ng/mL	99
175) C16-BZ#167	43.056	360	46413	15.049	ng/mL	92
176) C18-BZ#202-RTW	43.006	428	26945	14.528	ng/mL	99
178) C17-BZ#181	43.139	394	27287	14.995	ng/mL	99
179) C17-BZ#177	43.486	394	23093	14.867	ng/mL	99
180) C18-BZ#204/#200-Cal	43.569	428	52780	28.411	ng/mL	99
181) Octachlorobiphenyls	0.000		0	N.D.	d	
182) C18-Conf Ion	0.000		0	N.D.	d	
183) C17-BZ#171	43.784	394	22723	16.160	ng/mL	98
184) C17-BZ#173	43.999	394	22066	14.780	ng/mL	99
185) C17-BZ#172	44.446	394	23798	14.974	ng/mL	98
186) C17-BZ#192	44.661	394	32799	15.050	ng/mL	99
187) C16-BZ#156	44.661	360	35927	15.001	ng/mL	99
188) C16-BZ#157	44.910	360	37356	15.067	ng/mL	98
189) C17-BZ#180	44.959	394	28816	13.684	ng/mL	89
190) C17-BZ#193	45.042	394	30645M4	12.738	ng/mL	
191) C18-BZ#197	44.082	428	27045	14.524	ng/mL	99
192) C17-BZ#191	45.373	394	31093	15.549	ng/mL	97
193) C18-BZ#199	45.207	428	26488	14.710	ng/mL	99
194) C18-BZ#198	46.747	428	23474	17.273	ng/mL	98
195) C18-BZ#201	46.829	428	18853	14.018	ng/mL	99
196) C17-BZ#170	46.962	394	22134	16.700	ng/mL	97

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241805.D
 Acq On : 24 Feb 2018 1:56 pm
 Operator : BNA2:JT
 Sample : I202241804
 Misc : wgl092764,MSAT58,50ug/l
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 26 16:04:44 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

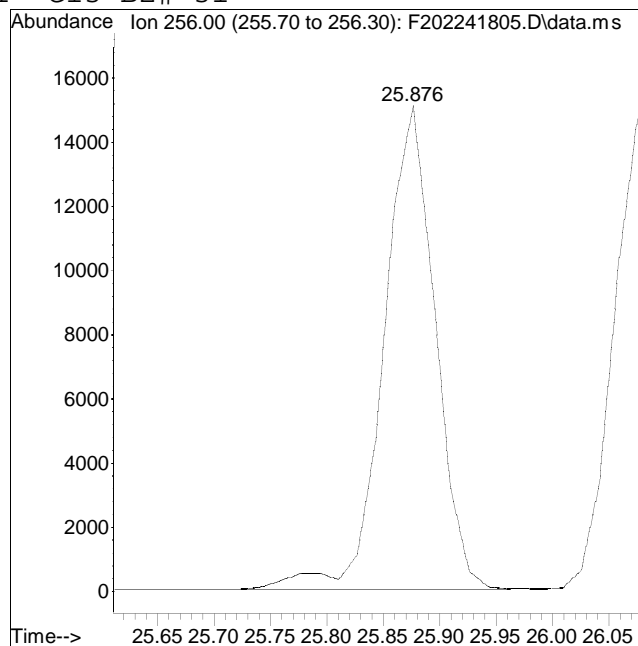
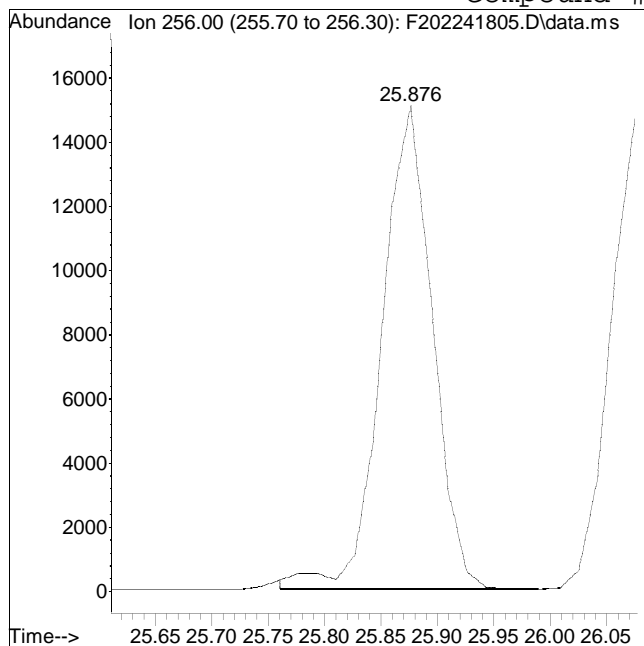
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
197) C17-BZ#190	47.293	394	33121	15.230	ng/mL	98
198) C18-BZ#196	47.293	428	20904	14.735	ng/mL	98
199) C18-BZ#203	47.376	428	23403	15.834	ng/mL	98
200) C16-BZ#169-RTW	47.657	360	39463	16.388	ng/mL	100
201) C19-BZ#208-RTW	48.816	464	27543	15.297	ng/mL	99
202) C19-BZ#207	49.494	464	27746	15.060	ng/mL	97
203) C17-BZ#189-RTW	49.660	394	29539	16.345	ng/mL	97
204) C18-BZ#195	49.809	428	20560	15.629	ng/mL	97
205) C18-BZ#194	51.480	428	21780	16.082	ng/mL	100
206) C18-BZ#205-RTW	52.076	428	26782	17.003	ng/mL	96
207) C19-BZ#206-Cal/RTW	54.112	464	22473	16.284	ng/mL	99
208) Nonachlorobiphenyls	0.000		0	N.D.	d	
209) C19-Conf Ion	0.000		0	N.D.	d	
210) C110-BZ#209-Cal/RTW	56.396	498	22791	15.765	ng/mL#	82
211) Decachlorobiphenyl	0.000		0	N.D.	d	
212) C110-Conf Ion	0.000		0	N.D.	d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241805.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 1:56 pm Instrument : BNA2
Sample : I202241804 Quant Date : 2/25/2018 10:50 am

Compound #41: C13-BZ#-31



Original Peak Response = 47028

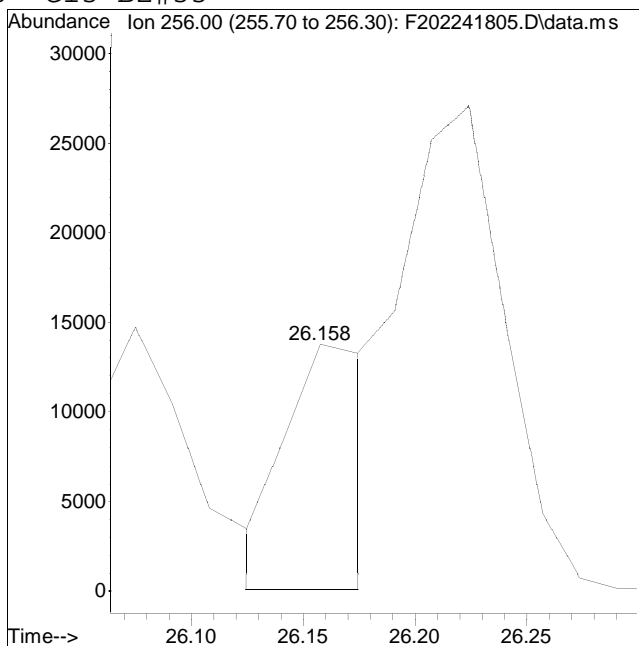
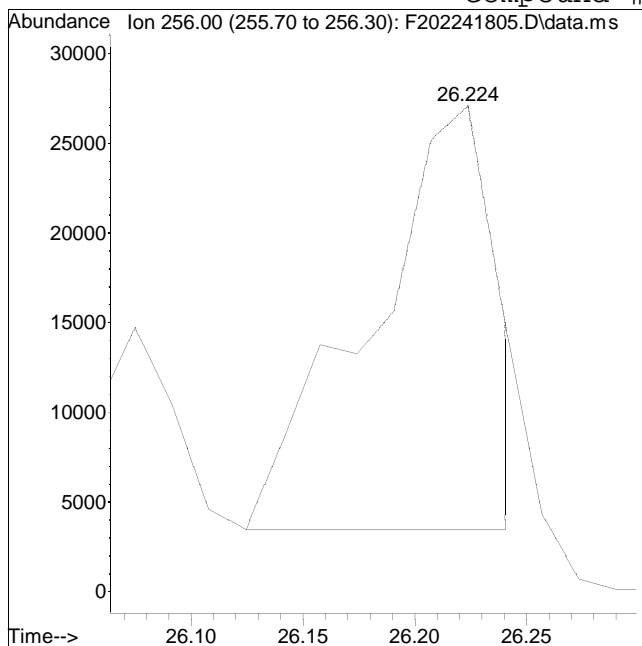
Manual Peak Response = 47766 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241805.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 1:56 pm Instrument : BNA2
Sample : I202241804 Quant Date : 2/25/2018 10:50 am

Compound #43: Cl3-BZ#33



Original Peak Response = 93292

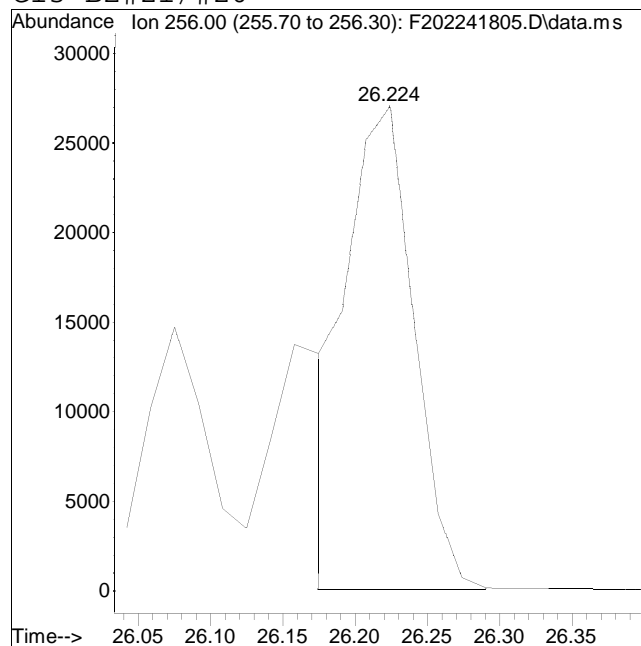
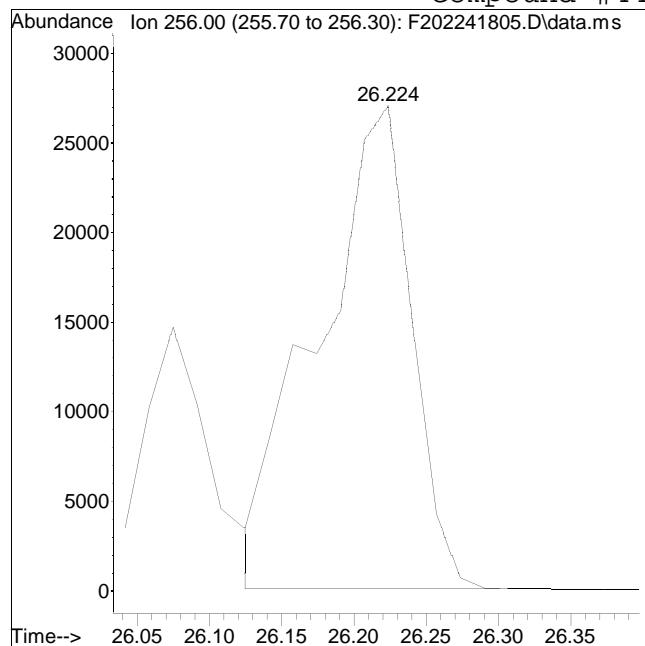
Manual Peak Response = 35009 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241805.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 1:56 pm Instrument : BNA2
Sample : I202241804 Quant Date : 2/25/2018 10:50 am

Compound #44: Cl3-BZ#21/#20



Original Peak Response = 121494

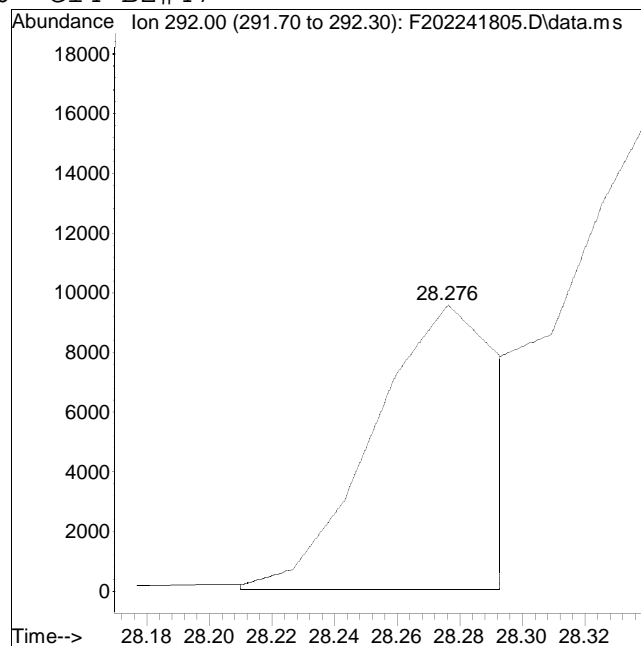
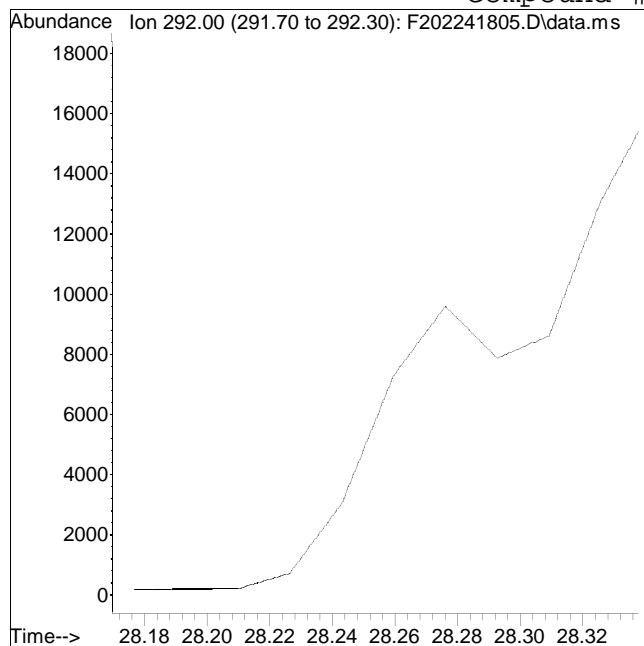
Manual Peak Response = 87111 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241805.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 1:56 pm Instrument : BNA2
Sample : I202241804 Quant Date : 2/25/2018 10:50 am

Compound #56: Cl4-BZ#47



Original Peak Response = 0

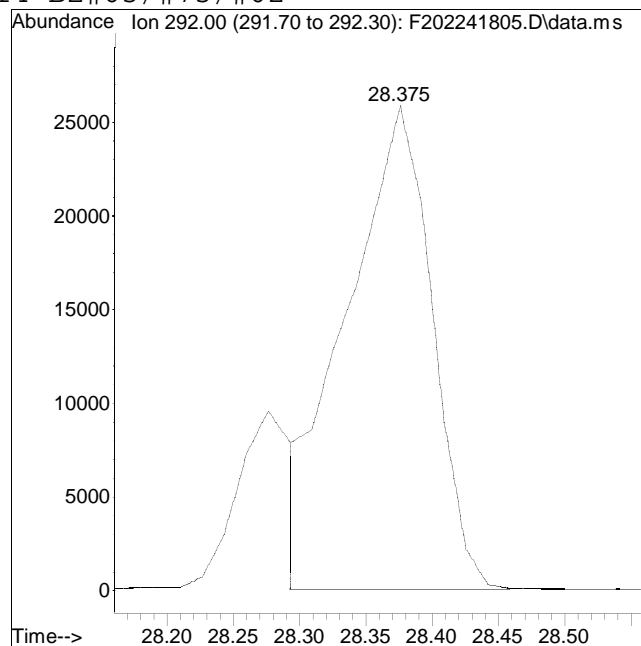
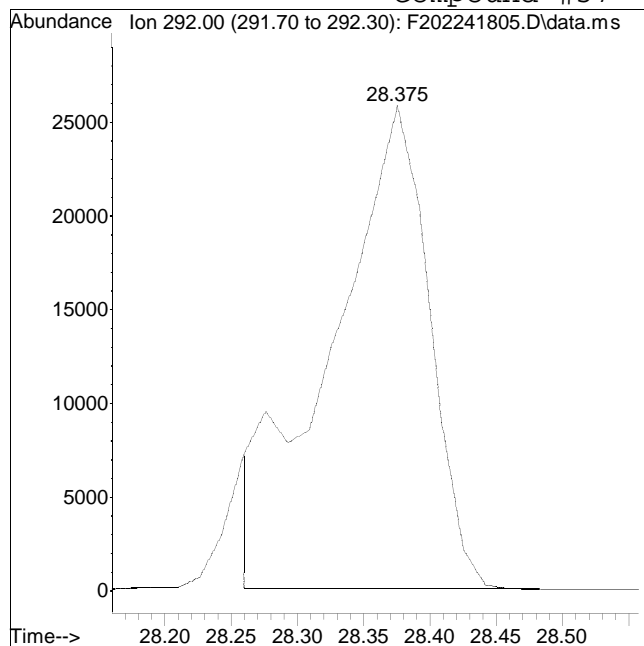
Manual Peak Response = 28101 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241805.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 1:56 pm Instrument : BNA2
Sample : I202241804 Quant Date : 2/25/2018 10:50 am

Compound #57: C14-BZ#65/#75/#62



Original Peak Response = 132080

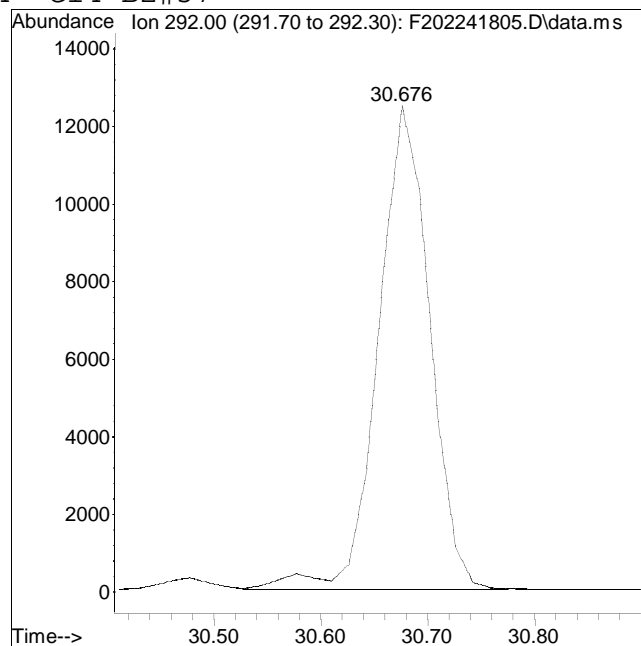
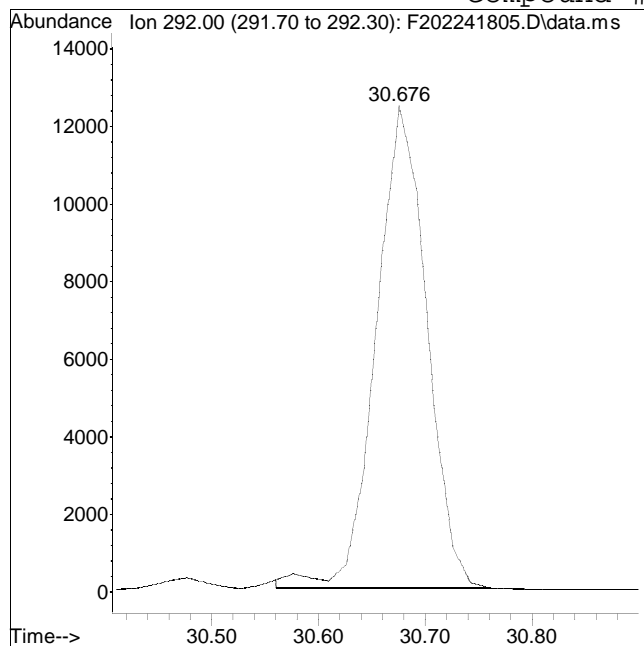
Manual Peak Response = 115727 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241805.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 1:56 pm Instrument : BNA2
Sample : I202241804 Quant Date : 2/25/2018 10:50 am

Compound #74: Cl4-BZ#57



Original Peak Response = 40893

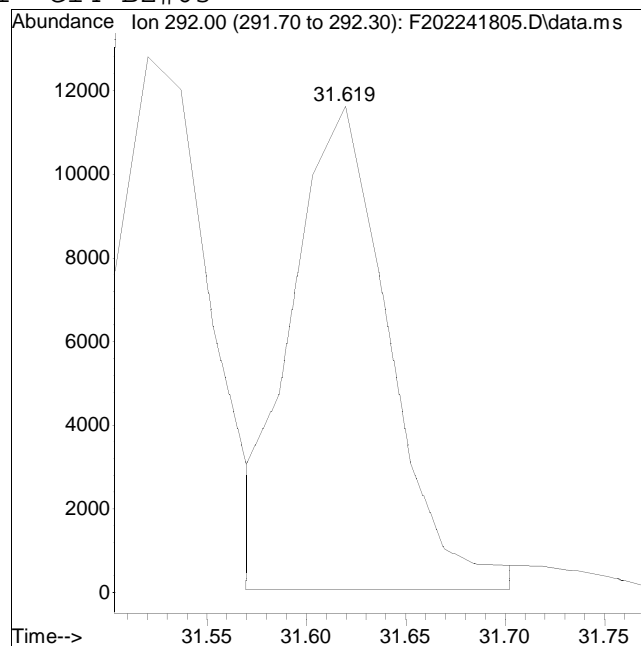
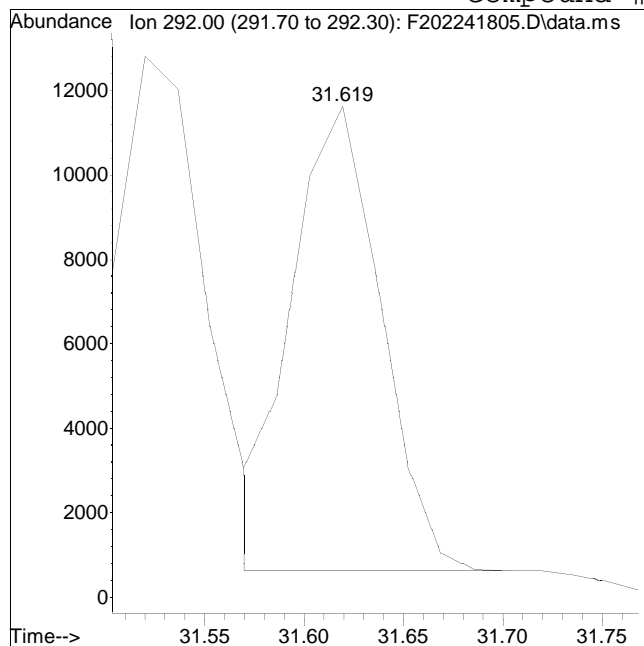
Manual Peak Response = 41872 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241805.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 1:56 pm Instrument : BNA2
Sample : I202241804 Quant Date : 2/25/2018 10:50 am

Compound #81: Cl4-BZ#63



Original Peak Response = 34122

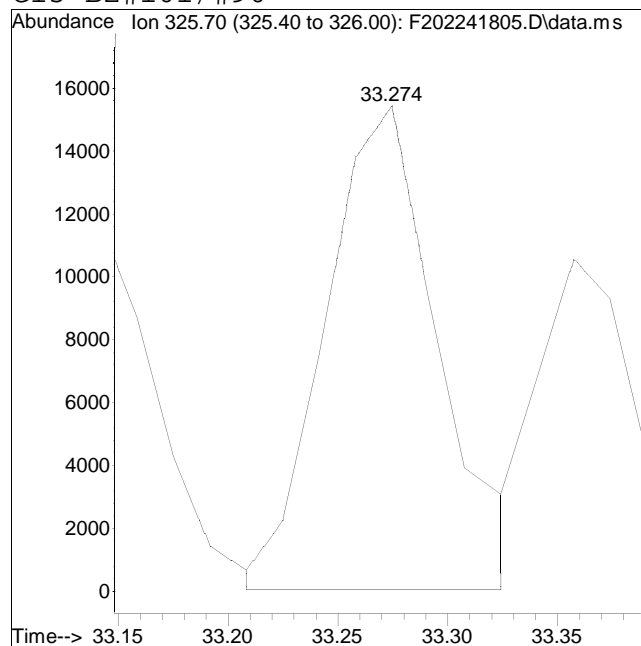
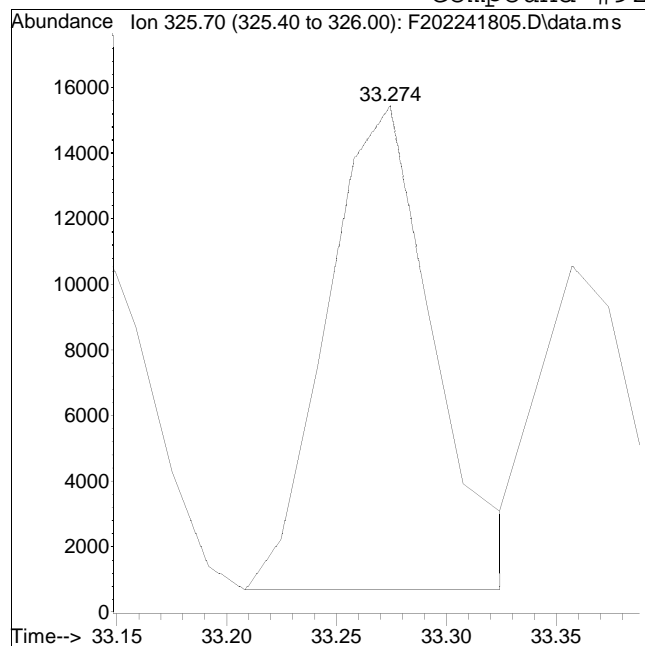
Manual Peak Response = 38754 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241805.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 1:56 pm Instrument : BNA2
Sample : I202241804 Quant Date : 2/25/2018 10:50 am

Compound #92: C15-BZ#101/#90



Original Peak Response = 50162

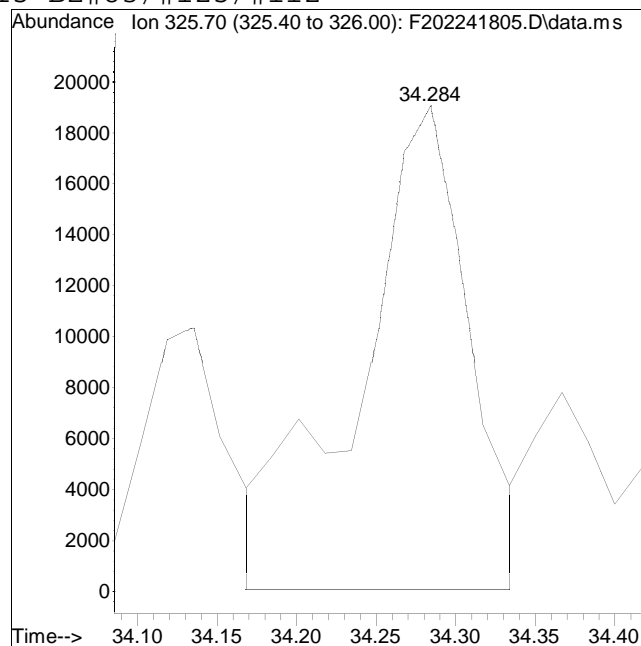
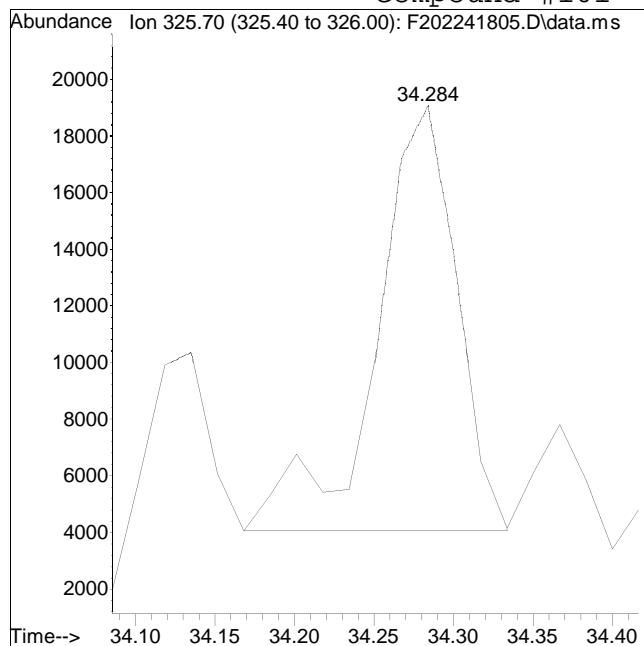
Manual Peak Response = 54632 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241805.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 1:56 pm Instrument : BNA2
Sample : I202241804 Quant Date : 2/25/2018 10:50 am

Compound #101: C15-BZ#83/#125/#112



Original Peak Response = 52791

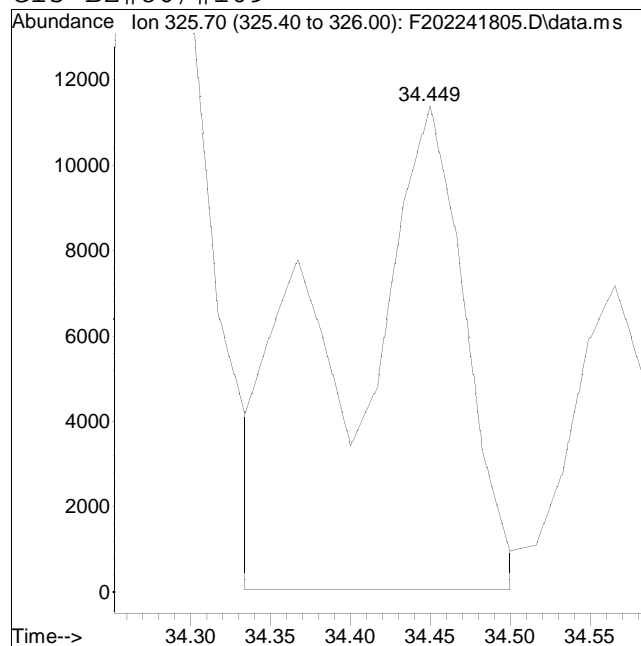
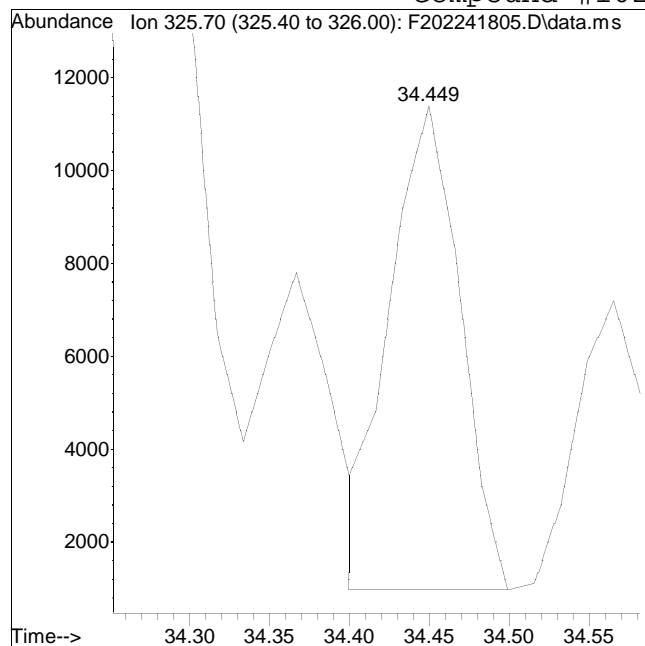
Manual Peak Response = 92610 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241805.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 1:56 pm Instrument : BNA2
Sample : I202241804 Quant Date : 2/25/2018 10:50 am

Compound #102: C15-BZ#86/#109



Original Peak Response = 31785

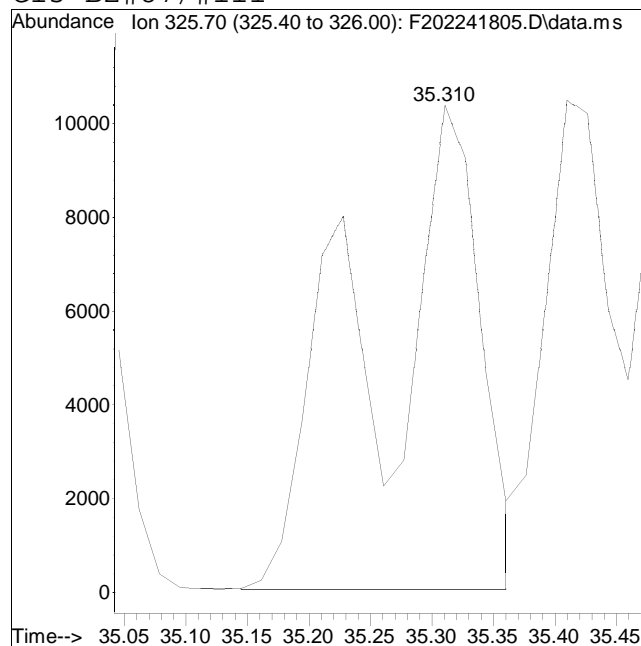
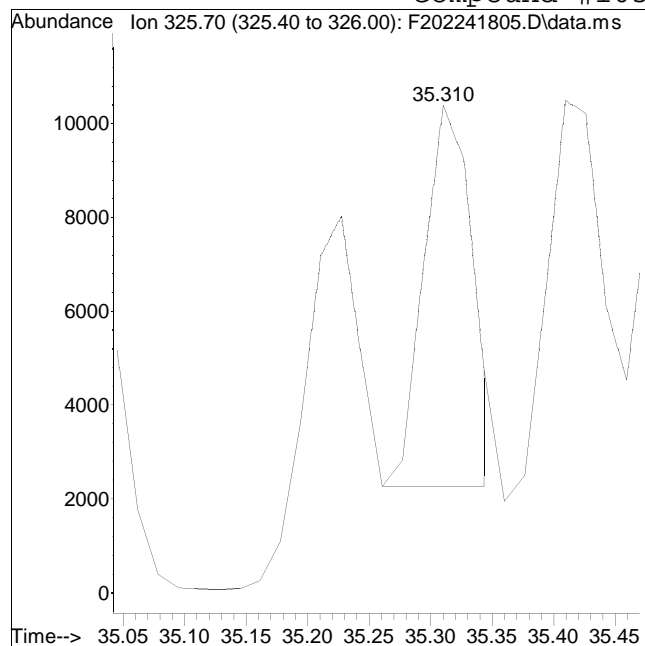
Manual Peak Response = 60058 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241805.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 1:56 pm Instrument : BNA2
Sample : I202241804 Quant Date : 2/25/2018 10:50 am

Compound #105: C15-BZ#87/#111



Original Peak Response = 22596

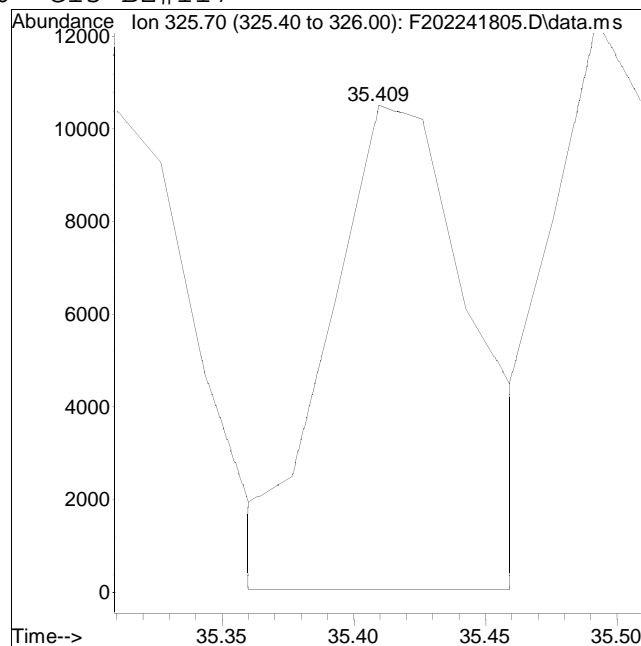
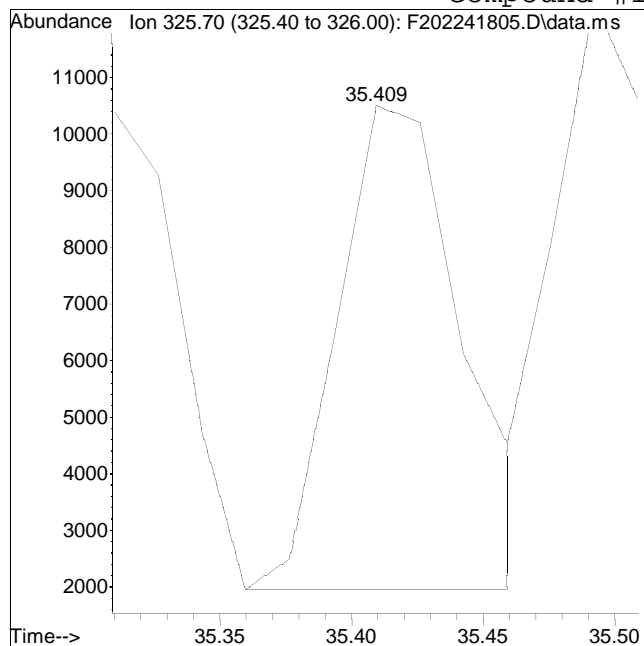
Manual Peak Response = 62344 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241805.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 1:56 pm Instrument : BNA2
Sample : I202241804 Quant Date : 2/25/2018 10:50 am

Compound #116: C15-BZ#117



Original Peak Response = 28235

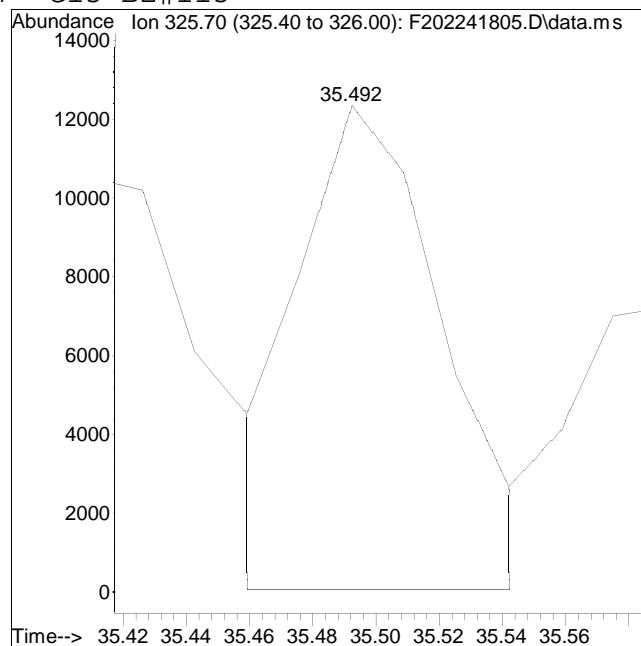
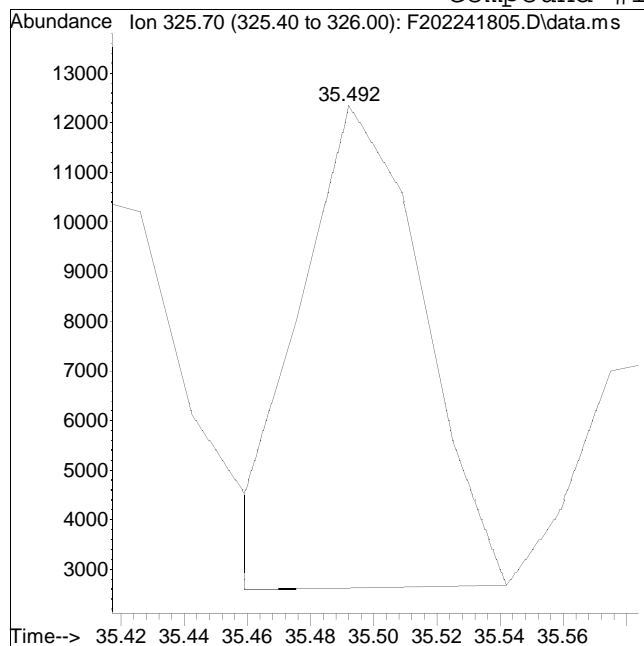
Manual Peak Response = 39507 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241805.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 1:56 pm Instrument : BNA2
Sample : I202241804 Quant Date : 2/25/2018 10:50 am

Compound #117: C15-BZ#115



Original Peak Response = 25862

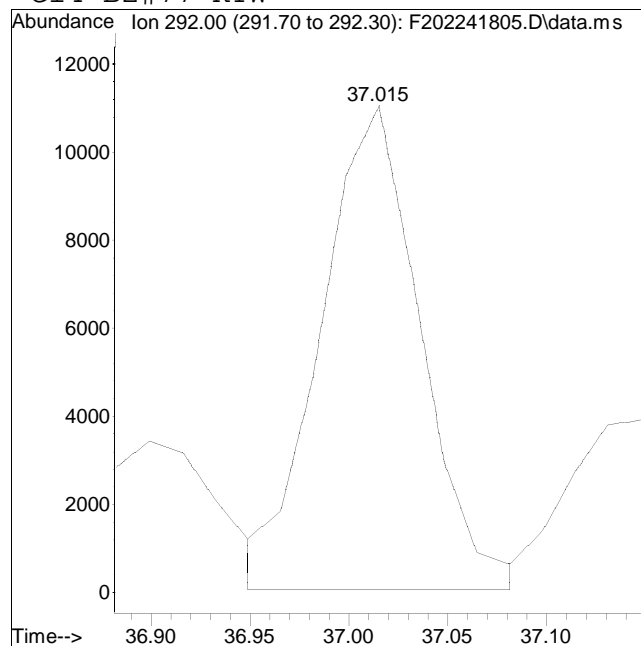
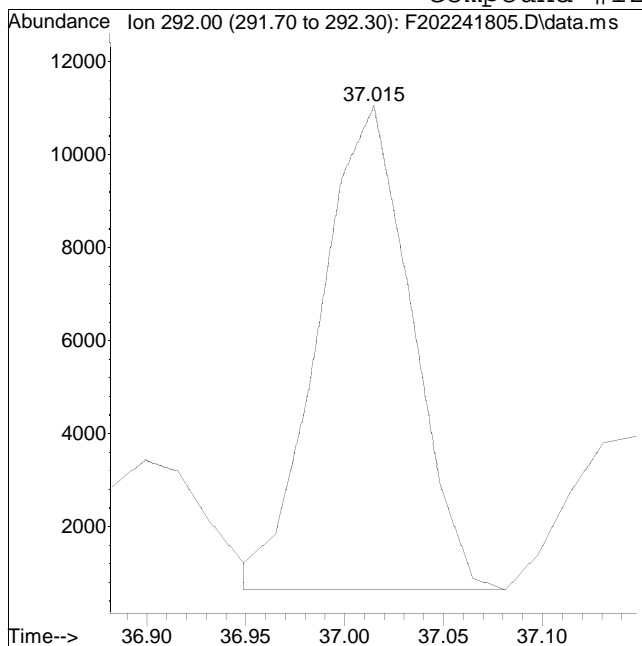
Manual Peak Response = 38650 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241805.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 1:56 pm Instrument : BNA2
Sample : I202241804 Quant Date : 2/25/2018 10:50 am

Compound #128: C14-BZ#77-RTW



Original Peak Response = 33697

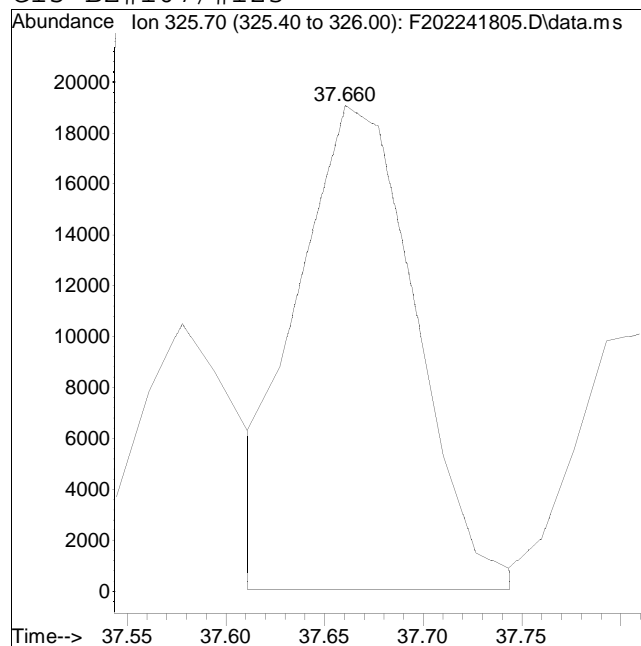
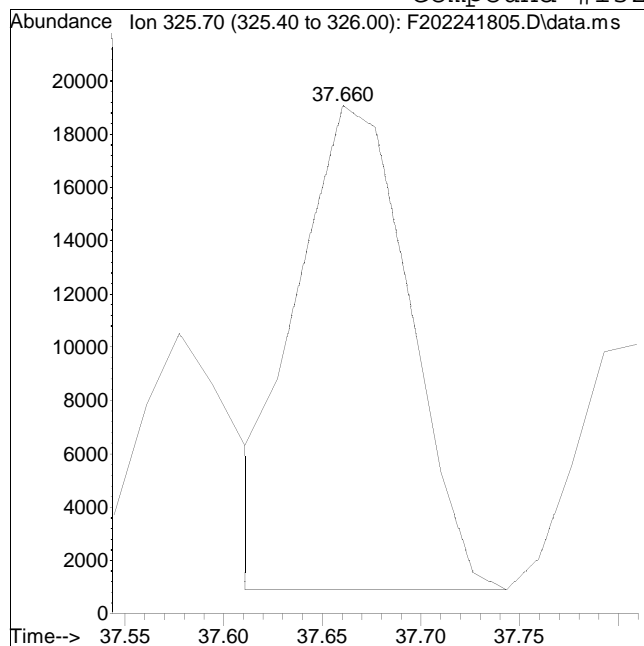
Manual Peak Response = 38321 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241805.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 1:56 pm Instrument : BNA2
Sample : I202241804 Quant Date : 2/25/2018 10:50 am

Compound #132: C15-BZ#107/#123



Original Peak Response = 72452

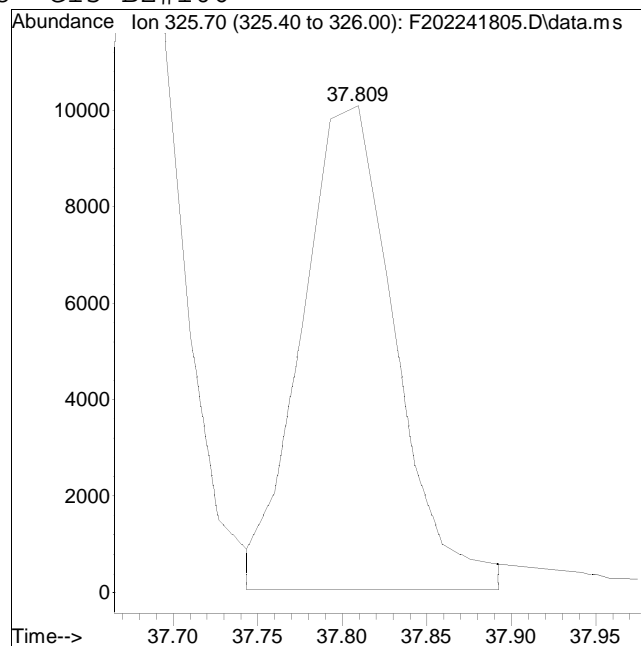
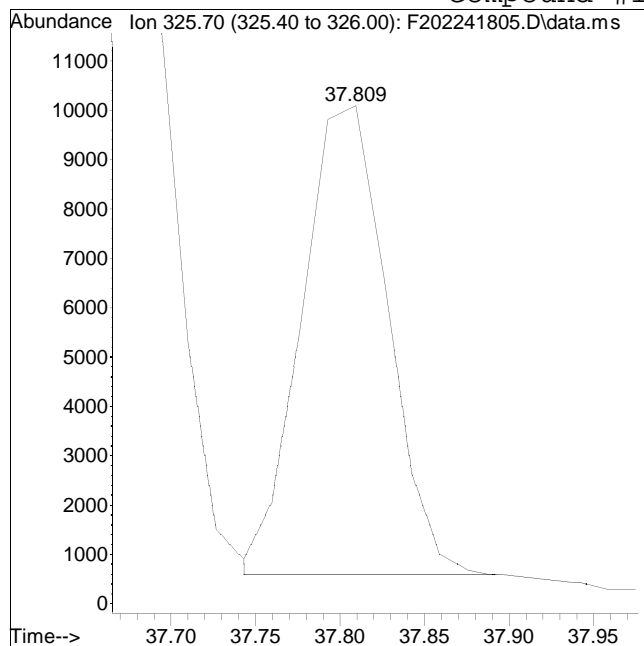
Manual Peak Response = 79142 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241805.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 1:56 pm Instrument : BNA2
Sample : I202241804 Quant Date : 2/25/2018 10:50 am

Compound #138: C15-BZ#106



Original Peak Response = 33552

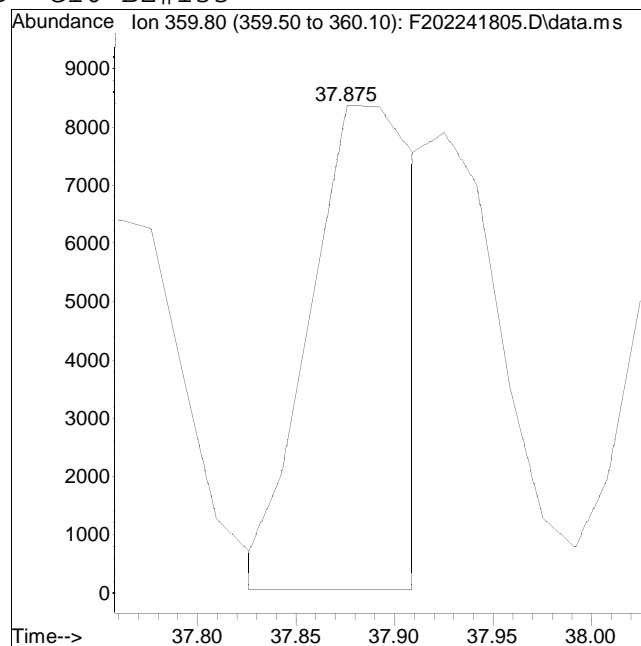
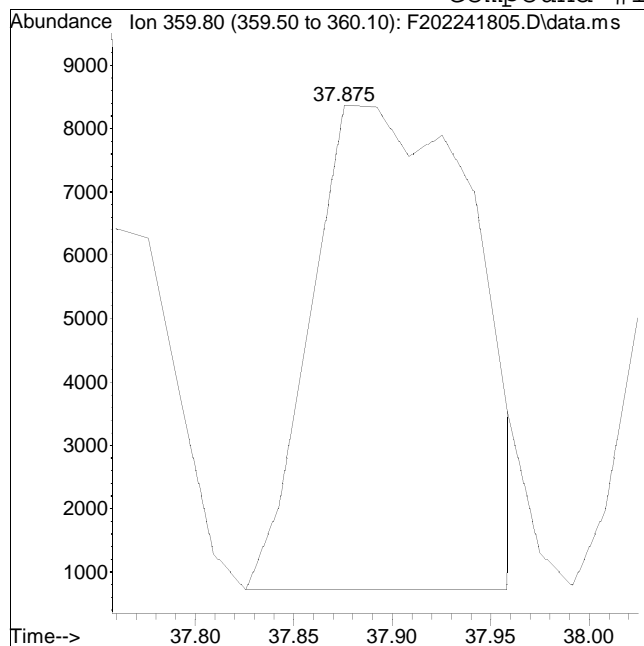
Manual Peak Response = 38271 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241805.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 1:56 pm Instrument : BNA2
Sample : I202241804 Quant Date : 2/25/2018 10:50 am

Compound #139: Cl6-BZ#133



Original Peak Response = 43852

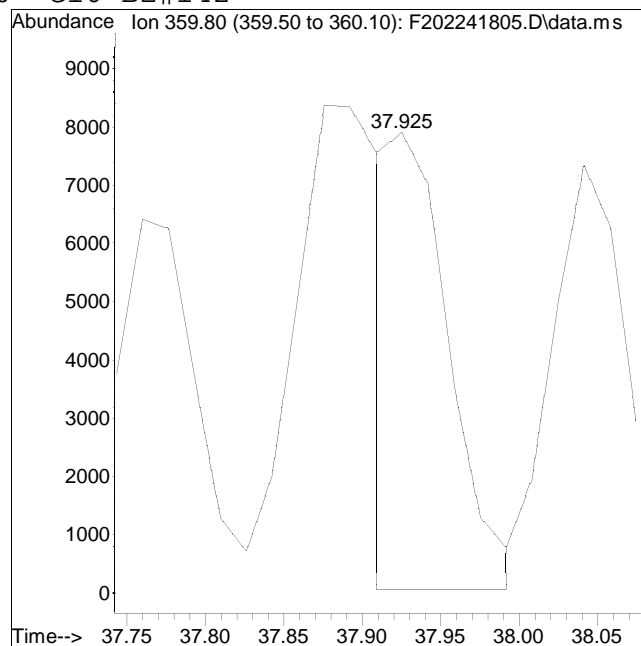
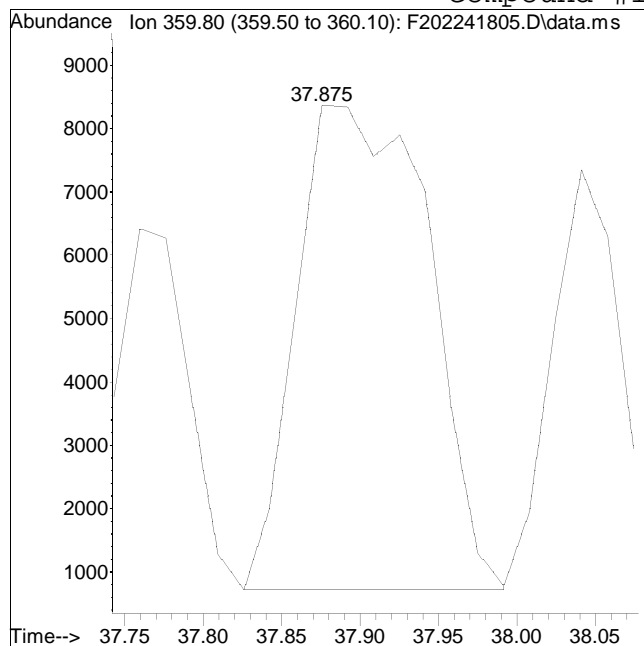
Manual Peak Response = 30952 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241805.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 1:56 pm Instrument : BNA2
Sample : I202241804 Quant Date : 2/25/2018 10:50 am

Compound #140: Cl6-BZ#142



Original Peak Response = 44496

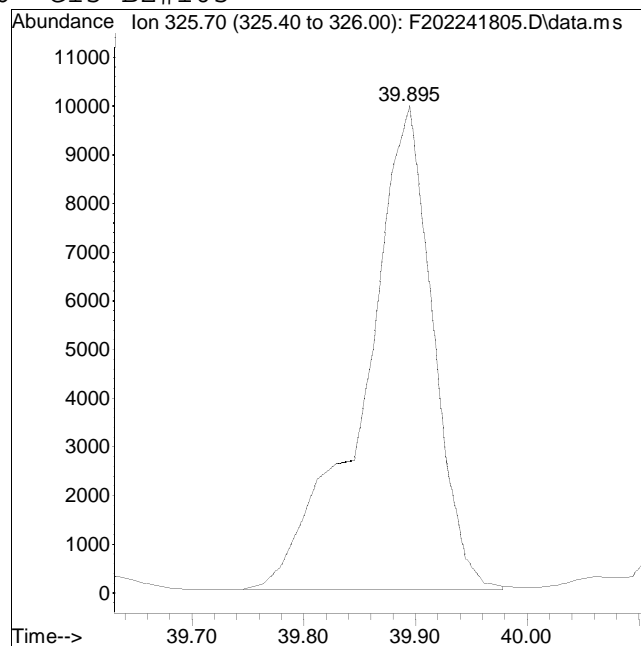
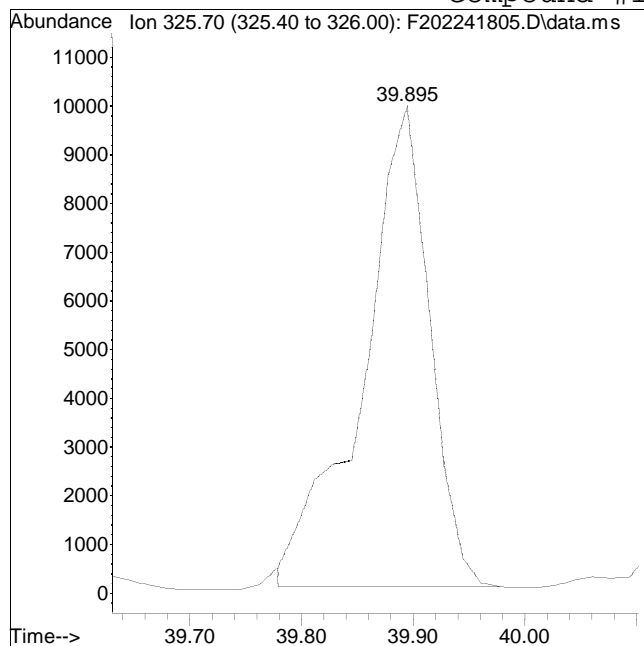
Manual Peak Response = 20118 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241805.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 1:56 pm Instrument : BNA2
Sample : I202241804 Quant Date : 2/25/2018 10:50 am

Compound #156: C15-BZ#105



Original Peak Response = 41067

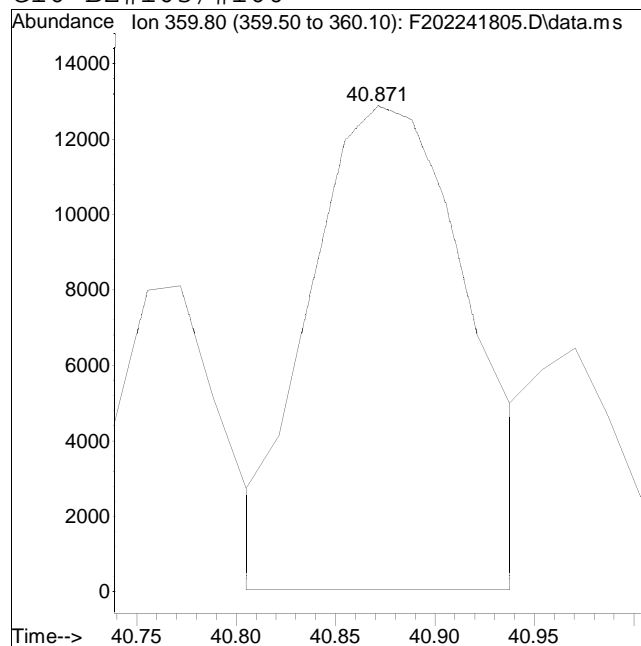
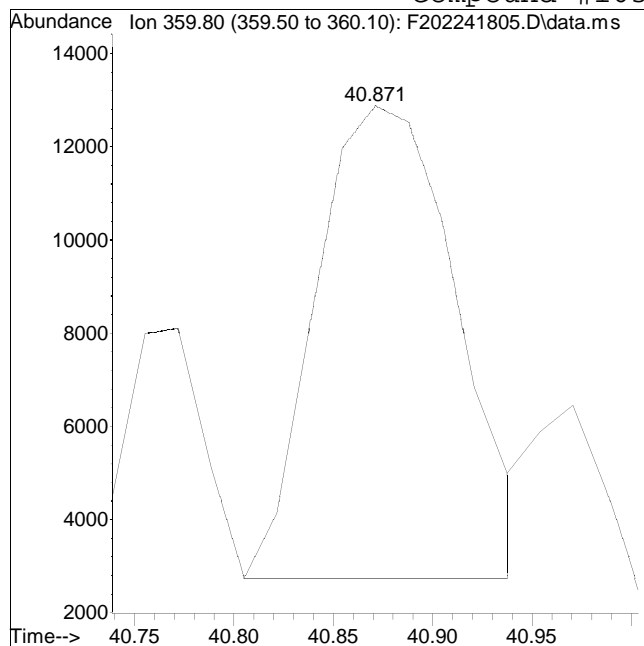
Manual Peak Response = 42437 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241805.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 1:56 pm Instrument : BNA2
Sample : I202241804 Quant Date : 2/25/2018 10:50 am

Compound #163: Cl6-BZ#163/#160



Original Peak Response = 49713

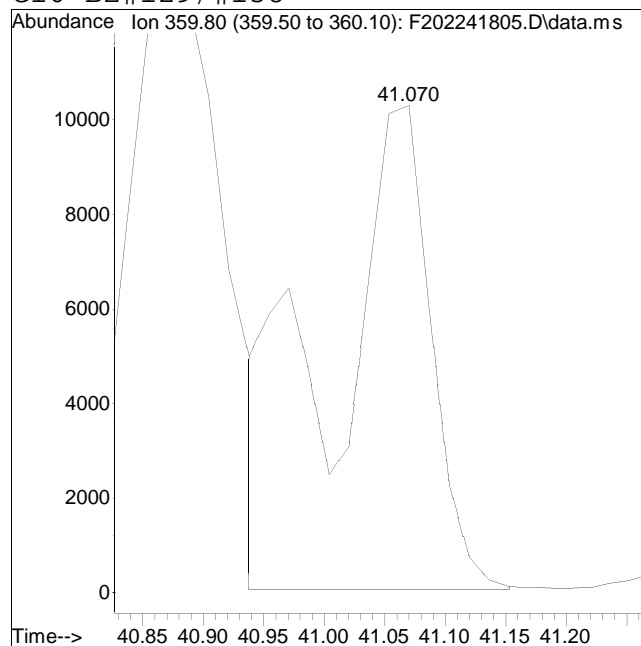
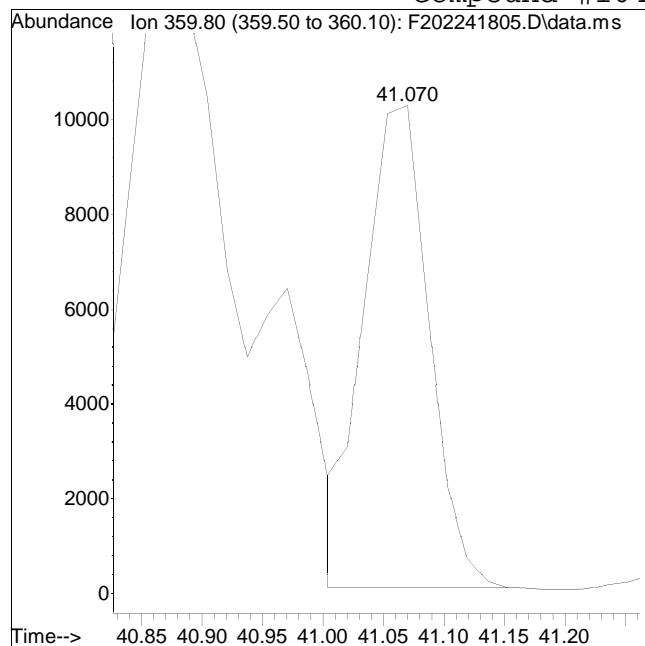
Manual Peak Response = 71101 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241805.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 1:56 pm Instrument : BNA2
Sample : I202241804 Quant Date : 2/25/2018 10:50 am

Compound #164: Cl6-BZ#129/#158



Original Peak Response = 38121

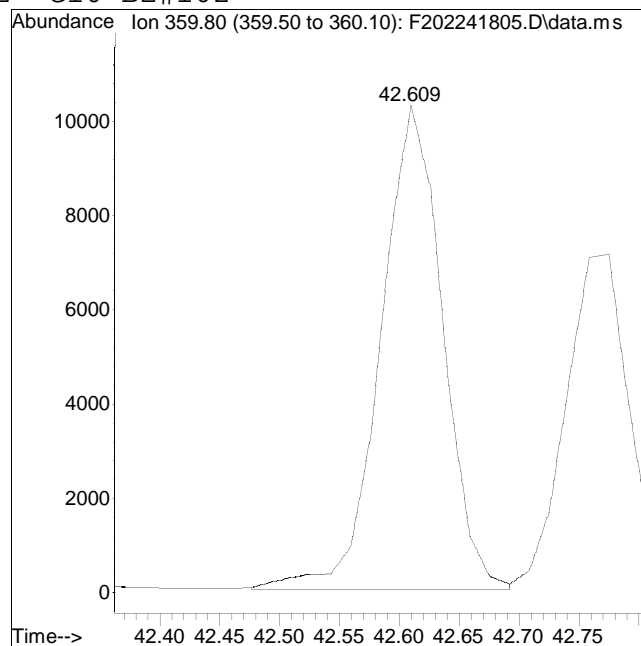
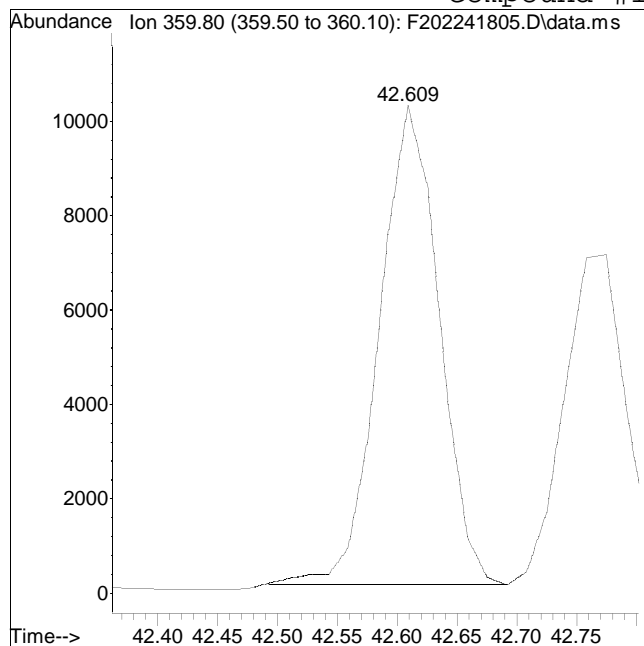
Manual Peak Response = 57967 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241805.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 1:56 pm Instrument : BNA2
Sample : I202241804 Quant Date : 2/25/2018 10:50 am

Compound #172: Cl6-BZ#162



Original Peak Response = 35427

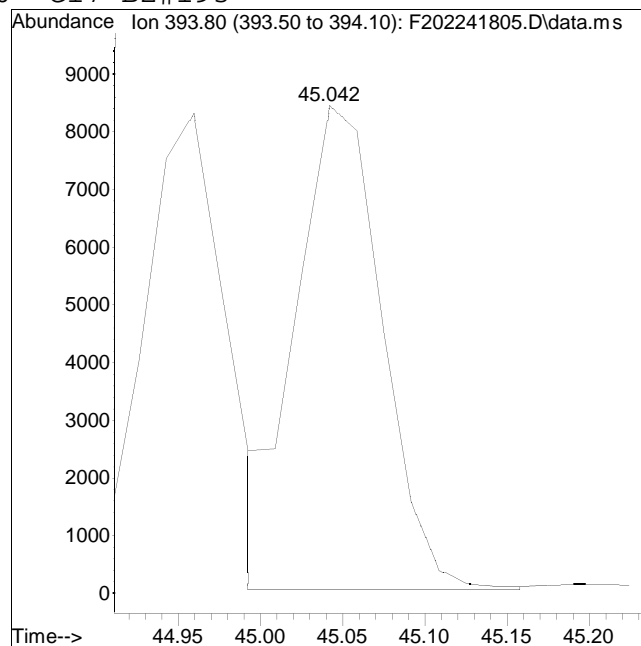
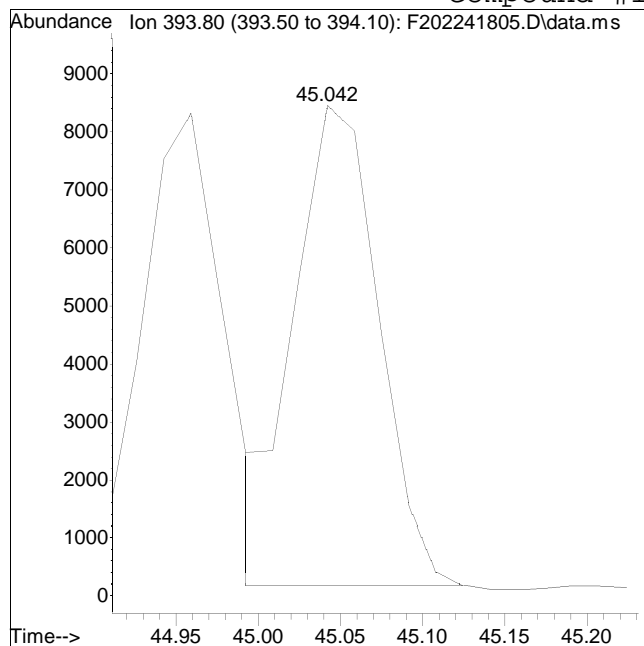
Manual Peak Response = 37006 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241805.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 1:56 pm Instrument : BNA2
Sample : I202241804 Quant Date : 2/25/2018 10:50 am

Compound #190: C17-BZ#193



Original Peak Response = 29661

Manual Peak Response = 30645 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241806.D
 Acq On : 24 Feb 2018 3:10 pm
 Operator : BNA2:JT
 Sample : I202241805
 Misc : wgl092764,MSAT57,50ug/l
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 26 16:05:05 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.912	234	579114	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.926	406	311271	200.000	ng/mL	0.00	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.993	268	50749	35.060	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	35.06%#		
93) C15-BZ#101-C13 (surr)	33.241	338	77484	36.415	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	36.41%#		
151) C16-BZ#153-C13 (surr)	38.786	372	73576	32.974	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	32.97%#		
177) C18-BZ#202-C13 (surr)	42.990	442	73224	37.592	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	37.59%#		
Target Compounds							
3) C11-BZ#1-Cal/RTW	14.583	188	132871	33.922	ng/mL	100	Qvalue
4) Monochlorobiphenyls	0.000		0	N.D.	d		
5) C11- conf Ion	0.000		0	N.D.	d		
6) C11-BZ#2	16.666	188	139950	36.625	ng/mL	100	
7) C11-BZ#3-RTW	17.125	188	138430	36.407	ng/mL	98	
8) C12-BZ#4/#10-RTW	17.551	222	162178	66.505	ng/mL	99	
9) C12-BZ#9	19.111	222	104121	36.241	ng/mL	99	
10) C12-BZ#7	19.207	222	102862	37.122	ng/mL	100	
11) C12-BZ#6	19.634	222	111565	36.629	ng/mL	100	
12) C12-BZ#5	20.076	222	100530	34.226	ng/mL	100	
13) C12-BZ#8	20.229	222	115514	35.768	ng/mL	100	
14) Dichlorobiphenyls	0.000		0	N.D.	d		
15) C12-Conf Ion	0.000		0	N.D.	d		
16) C13-BZ#19-RTW	21.009	256	56380	33.282	ng/mL	99	
17) C12-BZ#14	21.146	222	112120	37.829	ng/mL	97	
18) C13-BZ#30	21.564	256	91195	35.139	ng/mL	99	
19) C13-BZ#18	22.376	256	62072	34.676	ng/mL	97	
20) C12-BZ#11	22.505	222	121714	37.426	ng/mL	98	
21) C13-BZ#17	22.585	256	58857	34.791	ng/mL	100	
22) C12-BZ#12	22.899	222	106919	37.728	ng/mL	98	
23) C13-BZ#27	22.947	256	82654	35.401	ng/mL	99	
24) C12-BZ#13	23.196	222	122748	37.655	ng/mL	99	
25) C13-BZ#24	23.220	256	84686	36.785	ng/mL	99	
26) C13-BZ#16	23.558	256	50932	34.563	ng/mL	96	
27) C13-BZ#32	23.759	256	89360	35.470	ng/mL	98	
28) C12-BZ#15-RTW	23.928	222	122325	36.334	ng/mL	99	

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241806.D
 Acq On : 24 Feb 2018 3:10 pm
 Operator : BNA2:JT
 Sample : I202241805
 Misc : wgl092764,MSAT57,50ug/l
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 26 16:05:05 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) C13-BZ#34	24.161	256	84755	36.336	ng/mL	100
30) C13-BZ#23	24.338	256	84038	36.473	ng/mL	100
31) C14-BZ#54-RTW	24.346	292	77916	33.901	ng/mL	99
32) C13-BZ#29-Cal	24.563	256	83762	36.846	ng/mL	100
33) Trichlorobiphenyls	0.000		0	N.D.	d	
34) C13- Conf Ion	0.000		0	N.D.	d	
35) C14-BZ#50-Cal	25.070	292	64630	34.678	ng/mL	98
36) Tetrachlorobiphenyls	0.000		0	N.D.	d	
37) C14-Conf Ion	0.000		0	N.D.	d	
38) C13-BZ#26	25.094	256	93336	37.908	ng/mL	98
39) C13-BZ#25	25.303	256	91143	36.677	ng/mL	99
40) C14-BZ#53	25.794	292	70577	34.918	ng/mL	99
41) C13-BZ#-31	25.876	256	125085M4	39.786	ng/mL	
42) C13-BZ#28	26.075	256	124179	38.828	ng/mL	99
43) C13-BZ#33	26.158	256	93216M3	32.300	ng/mL	
44) C13-BZ#21/#20	26.224	256	230055M3	80.217	ng/mL	
45) C14-BZ#51	26.207	292	81198	36.758	ng/mL	98
46) C14-BZ#45	26.770	292	62111	37.314	ng/mL	100
47) C13-BZ#22	27.002	256	111510	38.669	ng/mL	100
48) C14-BZ#73/#46	27.151	292	169762	74.798	ng/mL	100
49) C14-BZ#69	27.432	292	99454	37.662	ng/mL	99
50) C14-BZ#43	27.531	292	64748	34.593	ng/mL	97
51) C13-BZ#36	27.564	256	125586	37.807	ng/mL	100
52) C14-BZ#52	27.664	292	79097	35.361	ng/mL	98
53) C14-BZ#48	27.829	292	72590	38.700	ng/mL	97
54) C14-BZ#49	27.978	292	76192	37.259	ng/mL	99
55) C15-BZ#104-RTW	28.193	326	79355	35.780	ng/mL	98
56) C14-BZ#47	28.276	292	76048M3	34.747	ng/mL	
57) C14-BZ#65/#75/#62	28.375	292	305405M3	114.325	ng/mL	
58) C13-BZ#39	28.425	256	113139	37.987	ng/mL	99
59) C13-BZ#38	28.541	256	112330	38.319	ng/mL	97
60) C14-BZ#44	28.938	292	66316	36.900	ng/mL	99
61) C14-BZ#59	29.170	292	95600	36.732	ng/mL	98
62) C14-BZ#42	29.253	292	65609	38.381	ng/mL	97
63) C14-BZ#71	29.484	292	102165	36.647	ng/mL	100
64) C13-BZ#35	29.600	256	115327	40.003	ng/mL	100
65) C14-BZ#41	29.716	292	63027	38.734	ng/mL	99
66) C14-BZ#72	29.832	292	111735	38.740	ng/mL	99
67) C15-BZ#96	29.865	326	87513	36.617	ng/mL	97
68) C15-BZ#103	29.981	326	67383	39.575	ng/mL	98
69) C14-BZ#68/#64	30.146	292	206439	77.255	ng/mL	99

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241806.D
 Acq On : 24 Feb 2018 3:10 pm
 Operator : BNA2:JT
 Sample : I202241805
 Misc : wgl092764,MSAT57,50ug/l
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 26 16:05:05 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) C14-BZ#40	30.262	292	49049	37.868	ng/mL	98
71) C13-BZ#37-RTW	30.477	256	153869	40.584	ng/mL	99
72) C15-BZ#100	30.477	326	72522	37.610	ng/mL	99
73) C15-BZ#94	30.577	326	54635	37.047	ng/mL	100
74) C14-BZ#57	30.676	292	111752M4	38.867	ng/mL	
75) C14-BZ#67/#58	31.007	292	221792	77.065	ng/mL	99
76) C15-BZ#102	31.057	326	77305	36.358	ng/mL	100
77) C14-BZ#61	31.355	292	107463	38.102	ng/mL	98
78) C15-BZ#98	31.388	326	71006	37.310	ng/mL	99
79) C14-BZ#76	31.520	292	115360	37.274	ng/mL	99
80) C15-BZ#93	31.520	326	57208	36.675	ng/mL	99
81) C14-BZ#63	31.619	292	102595M4	37.864	ng/mL	
82) C15-BZ#121/#95/#88	31.669	326	230250	112.668	ng/mL	99
83) C14-BZ#74	31.884	292	113049	38.543	ng/mL	99
84) C16-BZ#155-RTW	32.033	360	83238	36.691	ng/mL	99
85) C14-BZ#70	32.066	292	116718	34.049	ng/mL	96
86) C14-BZ#66	32.348	292	106489	38.661	ng/mL	99
87) C15-BZ#91	32.215	326	65004	36.207	ng/mL	100
88) C14-BZ#80	32.612	292	110197	39.889	ng/mL	98
89) C14-BZ#55	32.811	292	112907	39.565	ng/mL	99
90) C15-BZ#92	32.861	326	64943	37.629	ng/mL	100
91) C15-BZ#89/#84	33.142	326	124256	68.356	ng/mL	99
92) C15-BZ#101/#90	33.274	326	145000M4	77.803	ng/mL	
94) C14-BZ#56	33.258	292	112631	38.420	ng/mL	99
95) C15-BZ#113	33.357	326	83886	37.059	ng/mL	98
96) C15-BZ#99	33.622	326	79680	38.094	ng/mL	99
97) C16-BZ#150	33.688	360	89573	37.320	ng/mL	99
98) C14-BZ#60	33.688	292	119681	36.478	ng/mL	98
99) C16-BZ#152	34.052	360	96567	36.537	ng/mL	99
100) C15-BZ#119	34.119	326	99243	37.757	ng/mL	95
101) C15-BZ#83/#125/#112	34.284	326	245792M1	114.438	ng/mL	
102) C15-BZ#86/#109	34.450	326	160157M1	75.877	ng/mL	
103) C15-BZ#97	34.565	326	62570	38.263	ng/mL	98
104) C15-BZ#116	35.012	326	83443	38.228	ng/mL	99
105) C15-BZ#87/#111	35.310	326	165165M1	76.182	ng/mL	
106) Pentachlorobiphenyls	0.000		0	N.D.	d	
107) C15-Conf Ion	0.000		0	N.D.	d	
108) C16-BZ#145	34.499	360	99118	37.020	ng/mL	99
109) C16-BZ#148	34.698	360	67566	38.042	ng/mL	98
110) C14-BZ#79	34.814	292	109630	40.547	ng/mL	100
111) C16-BZ#154-Cal	35.227	360	78169	38.746	ng/mL	100

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241806.D
 Acq On : 24 Feb 2018 3:10 pm
 Operator : BNA2:JT
 Sample : I202241805
 Misc : wgl092764,MSAT57,50ug/l
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 26 16:05:05 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112) Hexachlorobiphenyls	0.000		0		N.D.	d
113) Cl6-Conf Ion	0.000		0		N.D.	d
114) Cl4-BZ#78	35.277	292	138382	39.493	ng/mL	84
115) Cl6-BZ#136	35.360	360	87291	36.547	ng/mL	98
116) Cl5-BZ#117	35.410	326	104528M4	38.152	ng/mL	
117) Cl5-BZ#115	35.492	326	101732M4	39.832	ng/mL	
118) Cl5-BZ#85	35.592	326	61311	36.916	ng/mL	98
119) Cl5-BZ#120	35.724	326	99612	39.461	ng/mL	100
120) Cl5-BZ#110	35.873	326	94676	38.457	ng/mL	100
121) Cl4-BZ#81	36.254	292	109159	41.110	ng/mL	99
123) Cl6-BZ#151	36.254	360	66679	36.980	ng/mL	98
124) Cl6-BZ#135	36.386	360	72860	38.121	ng/mL	100
125) Cl5-BZ#82	36.568	326	61998	35.124	ng/mL	98
126) Cl6-BZ#144	36.601	360	70183	36.103	ng/mL	99
127) Cl6-BZ#147/#149	36.899	360	147933	74.016	ng/mL	98
128) Cl4-BZ#77-RTW	37.015	292	102337M4	39.157	ng/mL	
129) Cl6-BZ#143/#139	37.131	360	145979	71.754	ng/mL	99
130) Cl5-BZ#124	37.296	326	97659	37.386	ng/mL	99
131) Cl5-BZ#108	37.578	326	101854	38.808	ng/mL	99
132) Cl5-BZ#107/#123	37.660	326	207685M4	74.563	ng/mL	
133) Cl6-BZ#140	37.313	360	69198	35.868	ng/mL	99
134) Cl7-BZ#188-Cal/RTW	37.677	394	83031	35.090	ng/mL	99
135) Heptachlorobiphenyls	0.000		0		N.D.	d
136) Cl7-Conf Ion	0.000		0		N.D.	d
137) Cl6-BZ#134	37.760	360	60735	36.528	ng/mL	95
138) Cl5-BZ#106	37.793	326	103746M4	37.398	ng/mL	
139) Cl6-BZ#133	37.876	360	84016M3	39.109	ng/mL	
140) Cl6-BZ#142	37.925	360	49950M3	32.058	ng/mL	
141) Cl5-BZ#118	38.041	326	92480	37.063	ng/mL	97
142) Cl6-BZ#131	38.041	360	61798	37.642	ng/mL	98
143) Cl7-BZ#184	38.173	394	80115	34.858	ng/mL	98
144) Cl6-BZ#165	38.240	360	88182	37.177	ng/mL	98
145) Cl6-BZ#146	38.339	360	75928	37.621	ng/mL	99
146) Cl6-BZ#161	38.505	360	98174	36.958	ng/mL	100
147) Cl5-BZ#122	38.505	326	85126	37.307	ng/mL	99
148) Cl6-BZ#168	38.736	360	96529	38.653	ng/mL	99
149) Cl5-BZ#114	38.786	326	94356	36.302	ng/mL	99
150) Cl6-BZ#153	38.802	360	79663	34.626	ng/mL	97
152) Cl6-BZ#132	39.067	360	65897	35.477	ng/mL	98
153) Cl7-BZ#179	39.332	394	81882	36.287	ng/mL	99
154) Cl6-BZ#141	39.630	360	66339	39.835	ng/mL	100

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241806.D
 Acq On : 24 Feb 2018 3:10 pm
 Operator : BNA2:JT
 Sample : I202241805
 Misc : wgl092764,MSAT57,50ug/l
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 26 16:05:05 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
155) C17-BZ#176	39.829	394	77304	36.146	ng/mL	99
156) C15-BZ#105	39.895	326	110489M4	38.058	ng/mL	
157) C16-BZ#137	40.060	360	69266	37.963	ng/mL	98
158) C15-BZ#127	40.209	326	122830	37.940	ng/mL#	76
159) C17-BZ#186	40.143	394	88477	35.771	ng/mL	100
160) C16-BZ#130/#164	40.391	360	160372	76.303	ng/mL	98
161) C17-BZ#178	40.689	394	59739	37.866	ng/mL	98
162) C16-BZ#138	40.755	360	80255	36.450	ng/mL	97
163) C16-BZ#163/#160	40.871	360	187163M4	77.344	ng/mL	
164) C16-BZ#129/#158	41.053	360	150742M4	70.477	ng/mL	
165) C17-BZ#182/#175	41.086	394	140835	73.201	ng/mL	99
166) C17-BZ#187	41.268	394	69719	36.766	ng/mL	96
167) C17-BZ#183	41.666	394	67459	41.476	ng/mL	100
168) C16-BZ#166	42.030	360	99123	38.721	ng/mL	98
169) C16-BZ#159	42.278	360	99343	40.151	ng/mL	100
170) C15-BZ#126-RTW	42.493	326	122645	39.606	ng/mL	89
171) C17-BZ#185	42.526	394	61956	37.732	ng/mL	98
172) C16-BZ#162	42.609	360	92479	38.742	ng/mL	98
173) C17-BZ#174	42.758	394	62330	36.571	ng/mL	100
174) C16-BZ#128	42.758	360	68344	36.345	ng/mL	100
175) C16-BZ#167	43.056	360	122335	38.874	ng/mL	92
176) C18-BZ#202-RTW	43.006	428	71002	37.518	ng/mL	99
178) C17-BZ#181	43.139	394	71575	38.546	ng/mL	97
179) C17-BZ#177	43.470	394	60620	38.247	ng/mL	99
180) C18-BZ#204/#200-Cal	43.569	428	138791	73.217	ng/mL	100
181) Octachlorobiphenyls	0.000		0	N.D.	d	
182) C18-Conf Ion	0.000		0	N.D.	d	
183) C17-BZ#171	43.784	394	59341	41.359	ng/mL	97
184) C17-BZ#173	43.999	394	57938	38.032	ng/mL	100
185) C17-BZ#172	44.446	394	61508	37.929	ng/mL	98
186) C17-BZ#192	44.661	394	86510	38.902	ng/mL	99
187) C16-BZ#156	44.661	360	94299	38.586	ng/mL	100
188) C16-BZ#157	44.910	360	97075	38.370	ng/mL	99
189) C17-BZ#180	44.943	394	74802	34.812	ng/mL	97
190) C17-BZ#193	45.042	394	79385M4	32.337	ng/mL	
191) C18-BZ#197	44.082	428	70400	37.052	ng/mL	99
192) C17-BZ#191	45.373	394	81014	39.703	ng/mL	97
193) C18-BZ#199	45.208	428	69047	37.578	ng/mL	99
194) C18-BZ#198	46.747	428	54730	39.467	ng/mL	100
195) C18-BZ#201	46.830	428	54548	39.747	ng/mL	98
196) C17-BZ#170	46.962	394	58063	42.933	ng/mL	96

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241806.D
 Acq On : 24 Feb 2018 3:10 pm
 Operator : BNA2:JT
 Sample : I202241805
 Misc : wgl092764,MSAT57,50ug/l
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 26 16:05:05 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
197) C17-BZ#190	47.293	394	86051	38.777	ng/mL	97
198) C18-BZ#196	47.293	428	56111	38.762	ng/mL	97
199) C18-BZ#203	47.376	428	59894	39.712	ng/mL	99
200) C16-BZ#169-RTW	47.657	360	103529	42.134	ng/mL	98
201) C19-BZ#208-RTW	48.799	464	70838	38.556	ng/mL	98
202) C19-BZ#207	49.478	464	72198	38.404	ng/mL	96
203) C17-BZ#189-RTW	49.660	394	76803	41.649	ng/mL	98
204) C18-BZ#195	49.809	428	52914	39.420	ng/mL	96
205) C18-BZ#194	51.480	428	56726	41.048	ng/mL	96
206) C18-BZ#205-RTW	52.076	428	68934	42.888	ng/mL	98
207) C19-BZ#206-Cal/RTW	54.112	464	58301	41.401	ng/mL	99
208) Nonachlorobiphenyls	0.000		0	N.D.	d	
209) C19-Conf Ion	0.000		0	N.D.	d	
210) C110-BZ#209-Cal/RTW	56.396	498	58050	39.351	ng/mL#	81
211) Decachlorobiphenyl	0.000		0	N.D.	d	
212) C110-Conf Ion	0.000		0	N.D.	d	

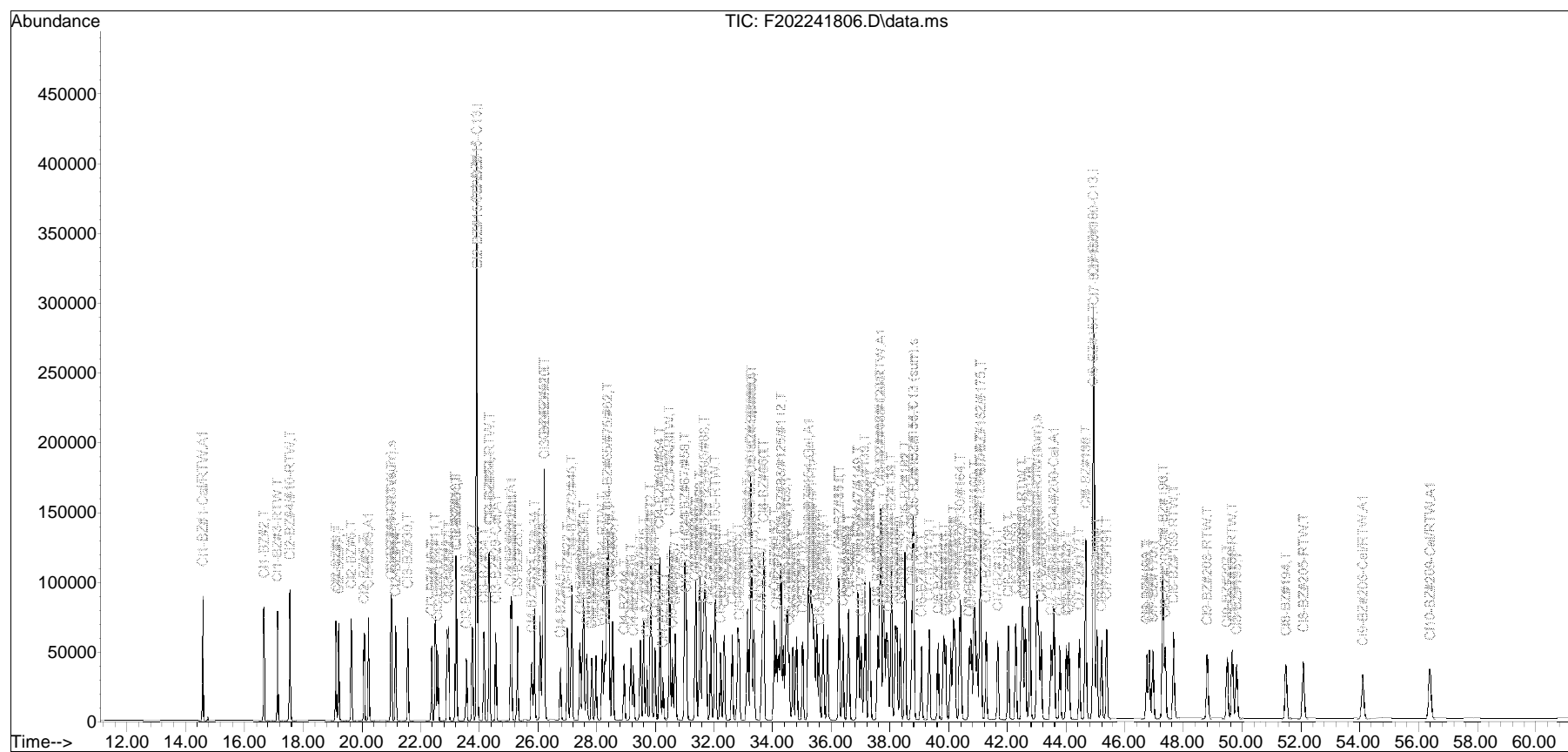
(#) = qualifier out of range (m) = manual integration (+) = signals summed

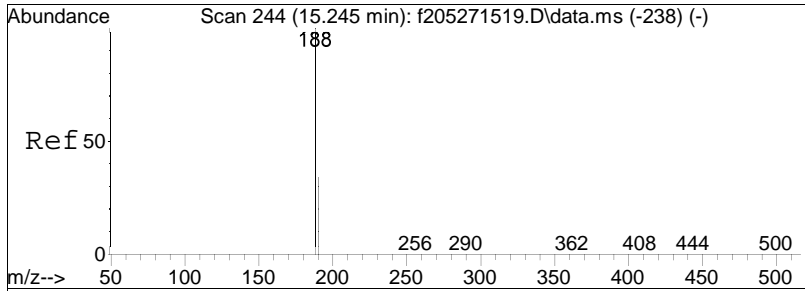
Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241806.D
 Acq On : 24 Feb 2018 3:10 pm
 Operator : BNA2:JT
 Sample : I202241805
 Misc : wg1092764,MSAT57,50ug/l
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 26 16:05:05 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

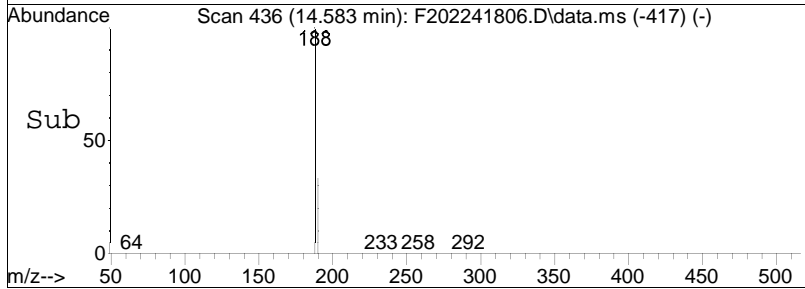
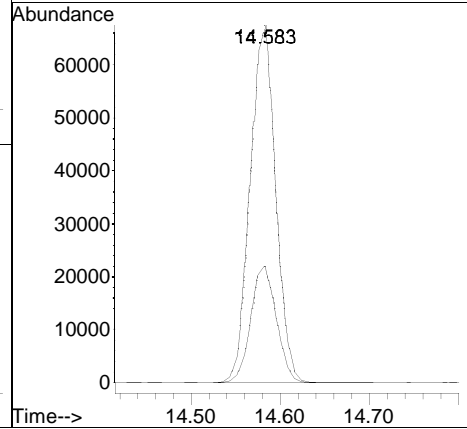
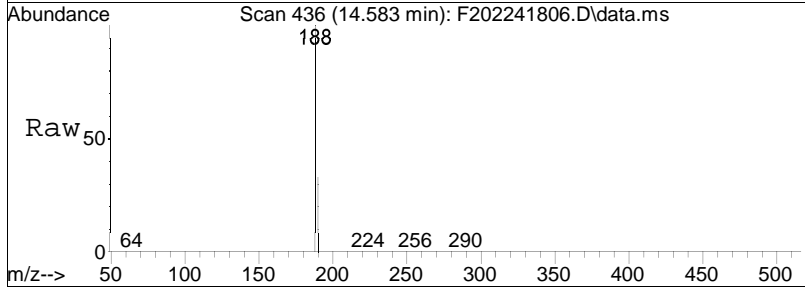
Sub List : Default - All compounds listed

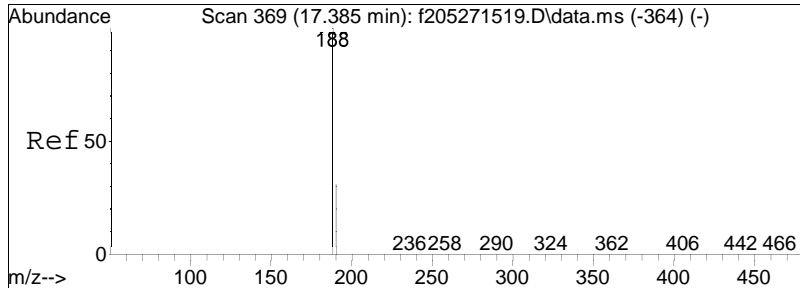




#3
 Cl1-BZ#1-Cal/RTW
 Concen: 33.92 ng/mL
 RT: 14.583 min Scan# 436
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

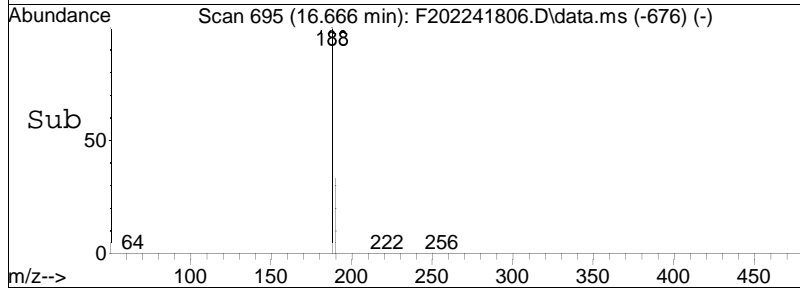
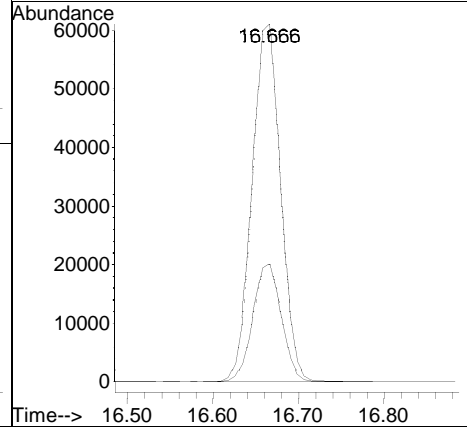
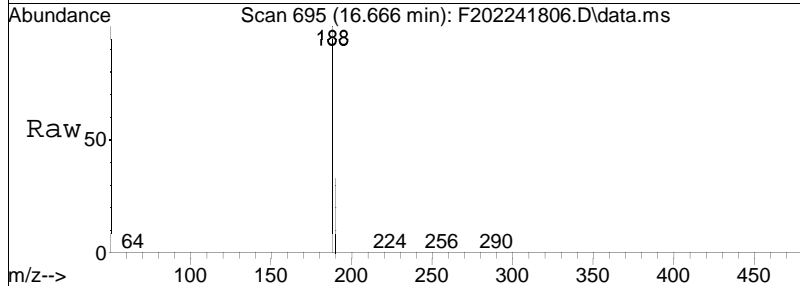
Tgt Ion:188 Resp: 132871
 Ion Ratio Lower Upper
 188 100
 190 32.8 26.2 39.4

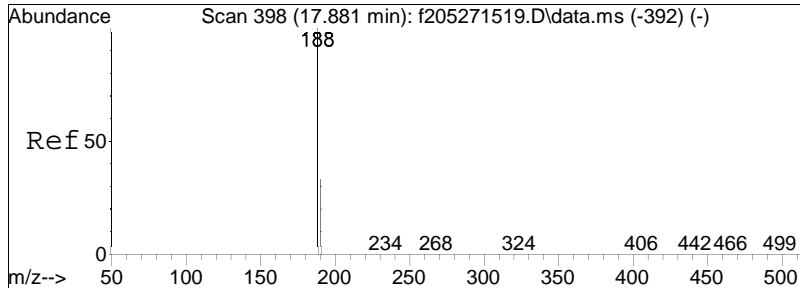




#6
 C11-BZ#2
 Concen: 36.63 ng/mL
 RT: 16.666 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

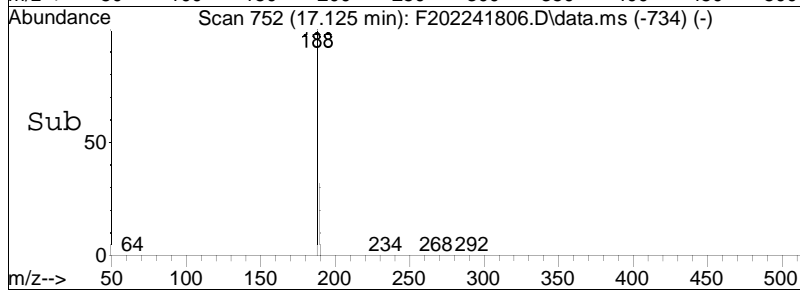
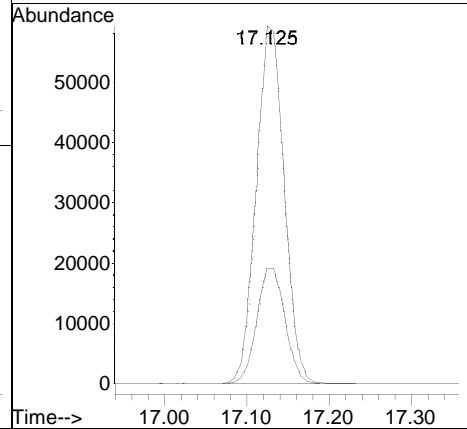
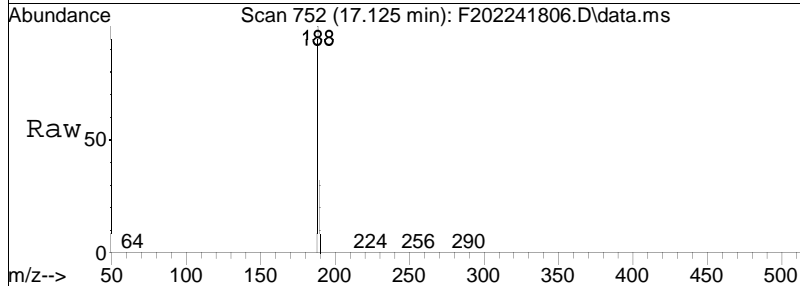
Tgt Ion	Resp	Lower	Upper
188	100		
190	32.8	26.1	39.1

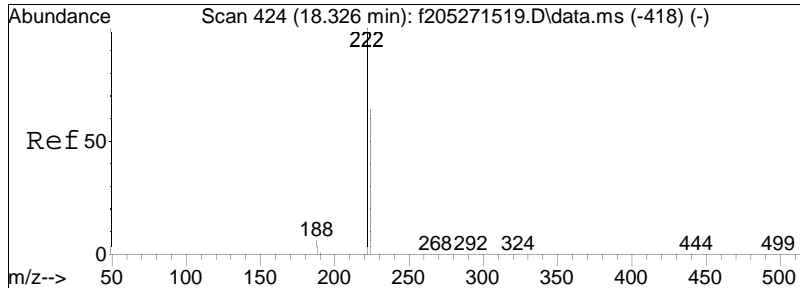




#7
 C11-BZ#3-RTW
 Concen: 36.41 ng/mL
 RT: 17.125 min Scan# 752
 Delta R.T. -0.008 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

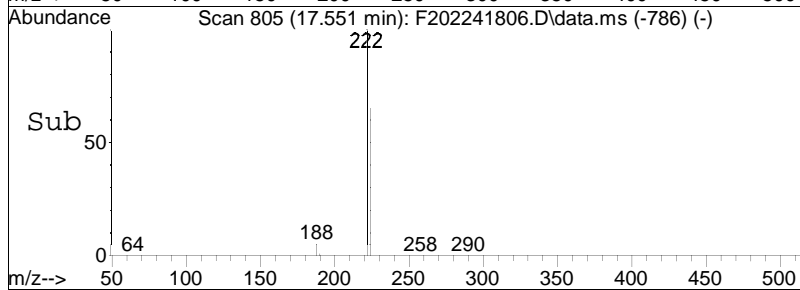
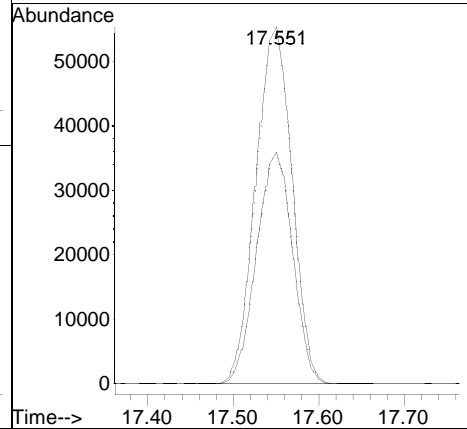
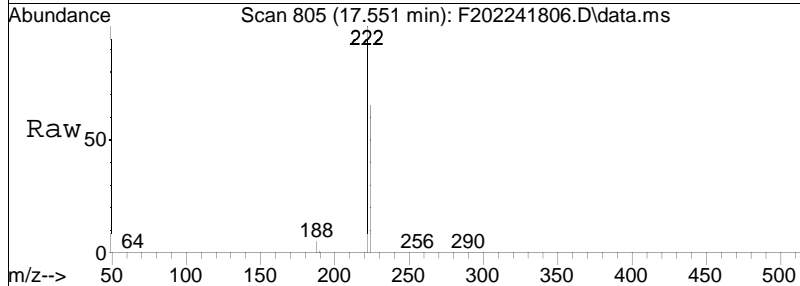
Tgt Ion	Resp	Lower	Upper
188	138430		
188	100		
190	32.3	26.7	40.1

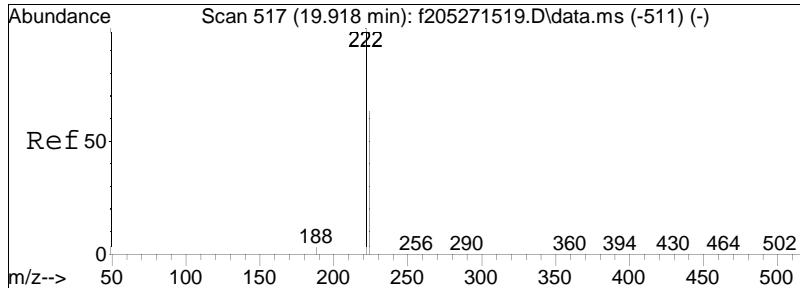




#8
 Cl2-BZ#4/#10-RTW
 Concen: 66.51 ng/mL
 RT: 17.551 min Scan# 805
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

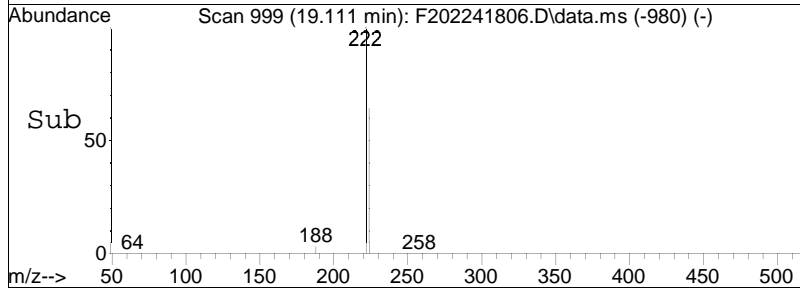
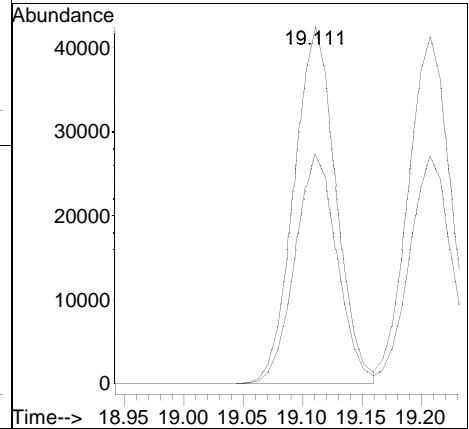
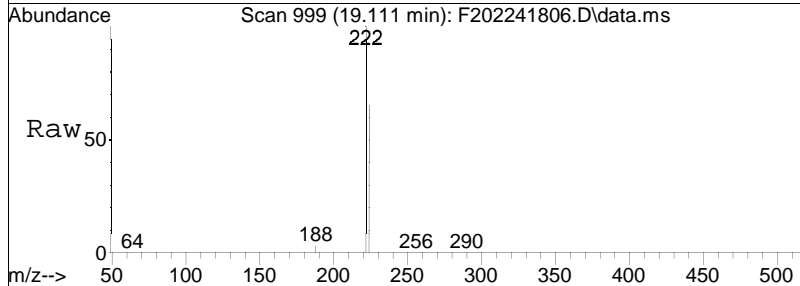
Tgt Ion	Resp	Lower	Upper
222	100		
224	64.7	52.4	78.6

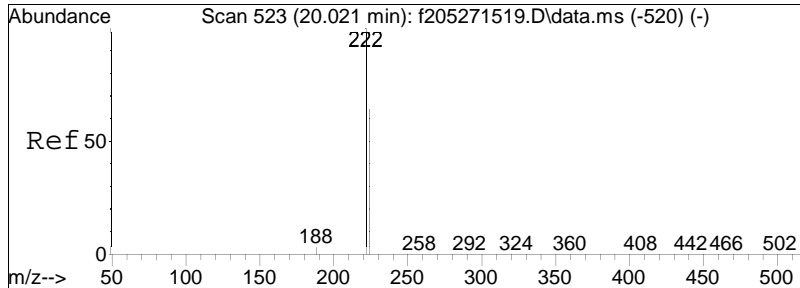




#9
 Cl2-BZ#9
 Concen: 36.24 ng/mL
 RT: 19.111 min Scan# 999
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

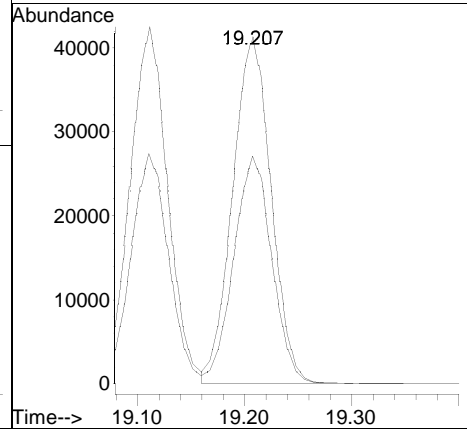
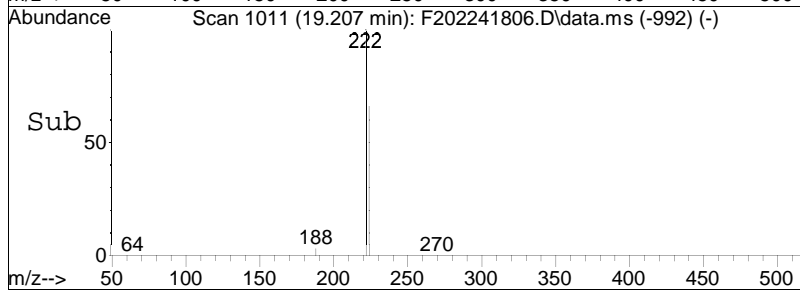
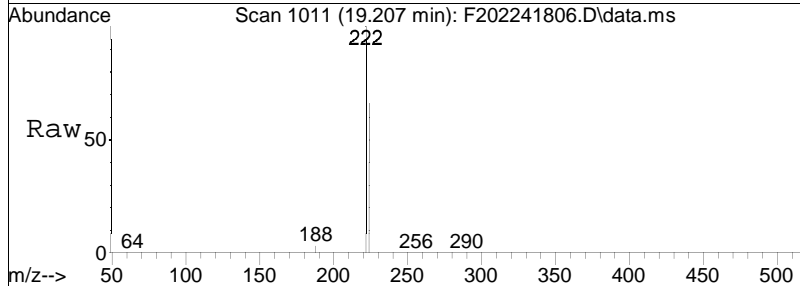
Tgt Ion	Resp	Lower	Upper
222	104121		
224	64.6	52.1	78.1

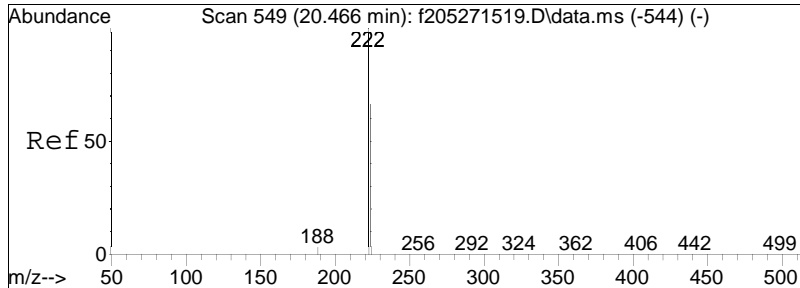




#10
 Cl2-BZ#7
 Concen: 37.12 ng/mL
 RT: 19.207 min Scan# 1011
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

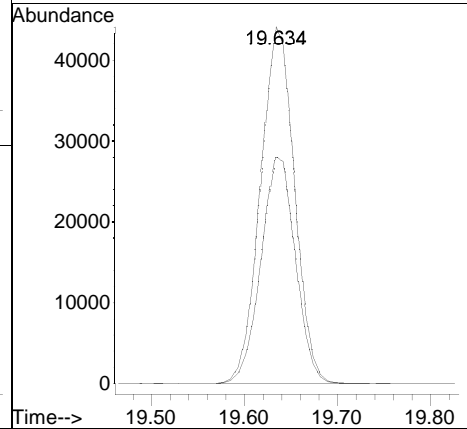
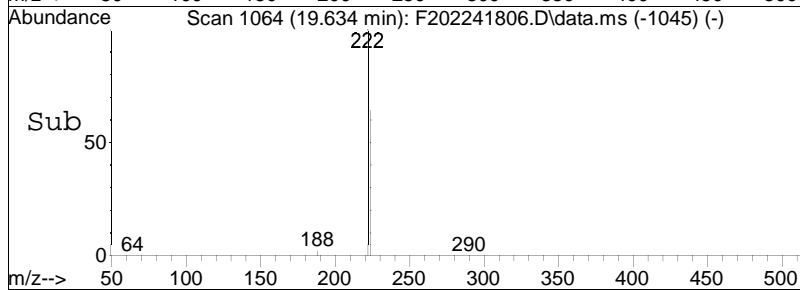
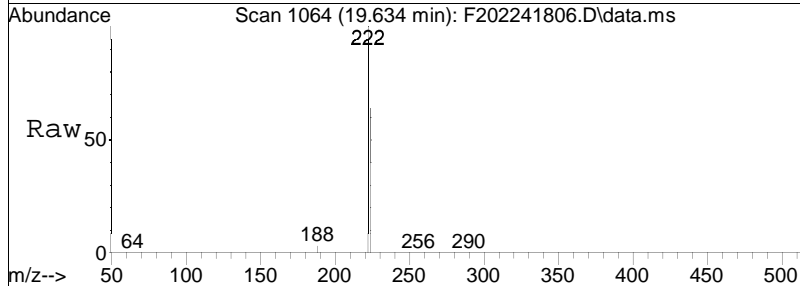
Tgt Ion	Resp	Lower	Upper
222	102862		
224	65.6	52.3	78.5

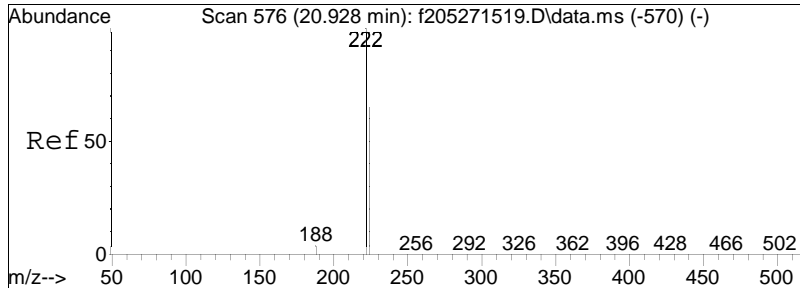




#11
 Cl2-BZ#6
 Concen: 36.63 ng/mL
 RT: 19.634 min Scan# 1064
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

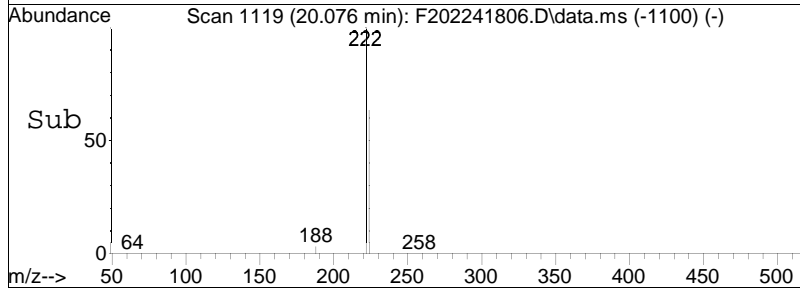
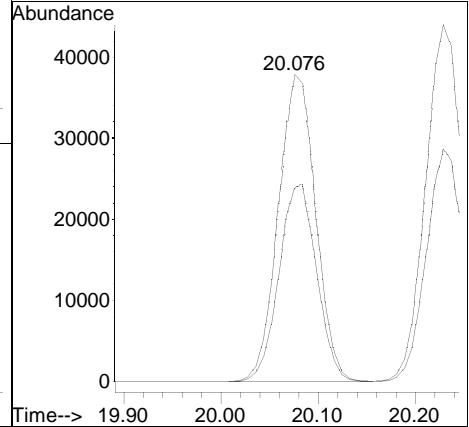
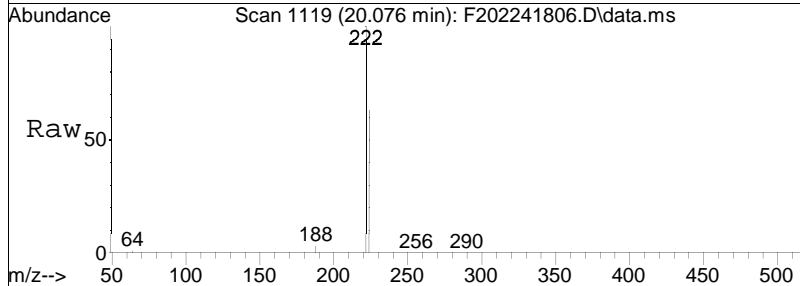
Tgt Ion	Resp	Lower	Upper
222	100		
224	63.8	51.1	76.7

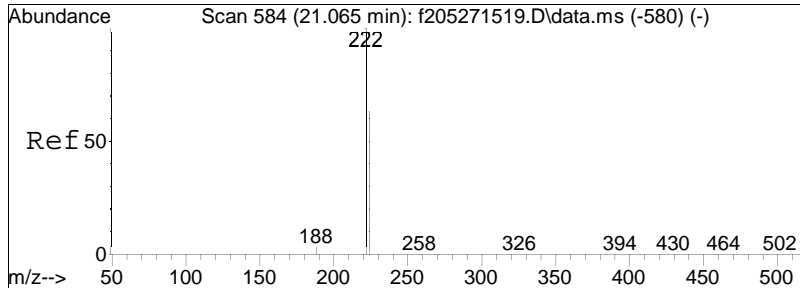




#12
 Cl2-BZ#5
 Concen: 34.23 ng/mL
 RT: 20.076 min Scan# 1119
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

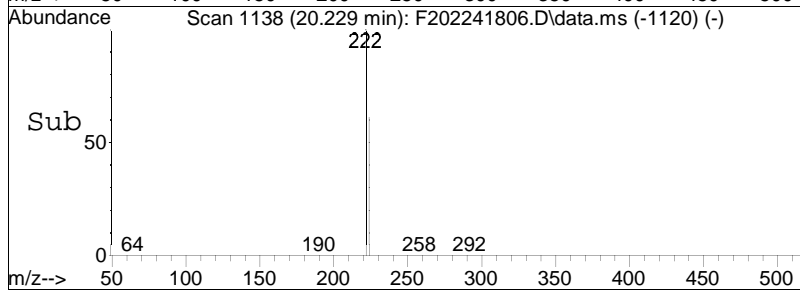
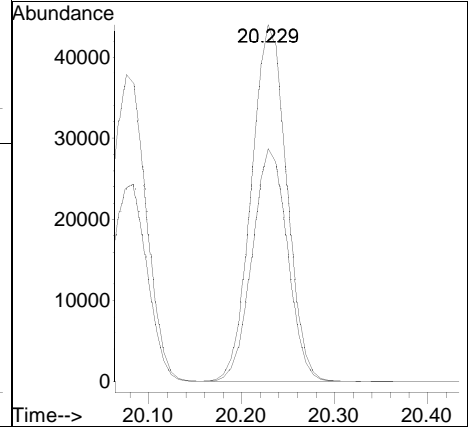
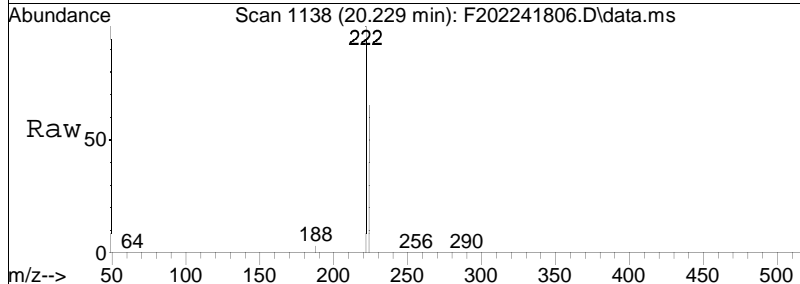
Tgt Ion	Resp	Lower	Upper
222	100530		
224	64.6	51.8	77.6

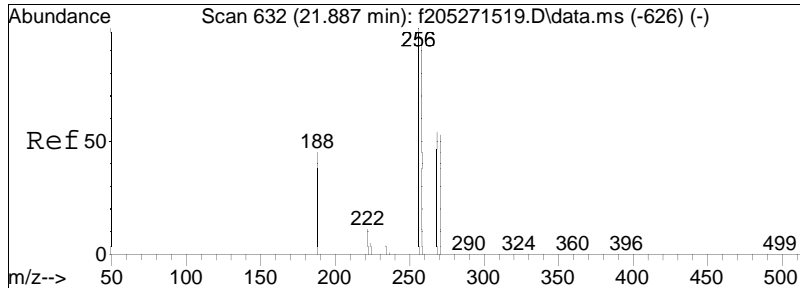




#13
 Cl2-BZ#8
 Concen: 35.77 ng/mL
 RT: 20.229 min Scan# 1138
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

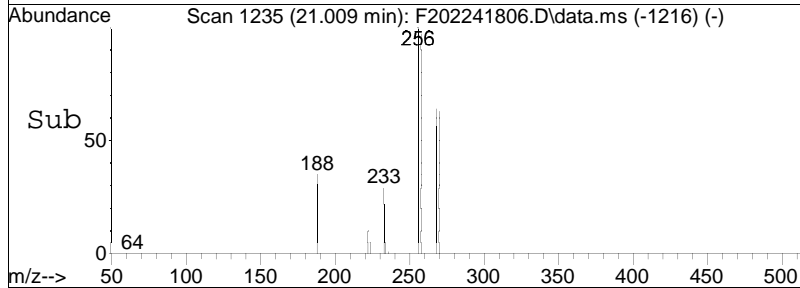
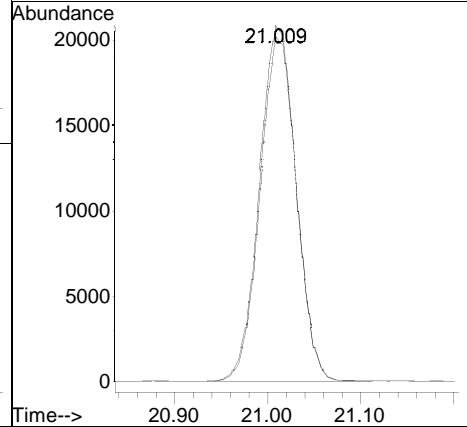
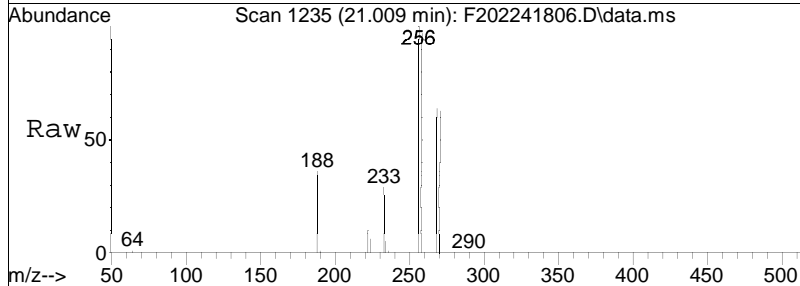
Tgt Ion	Ratio	Lower	Upper
222	100		
224	65.3	52.2	78.4

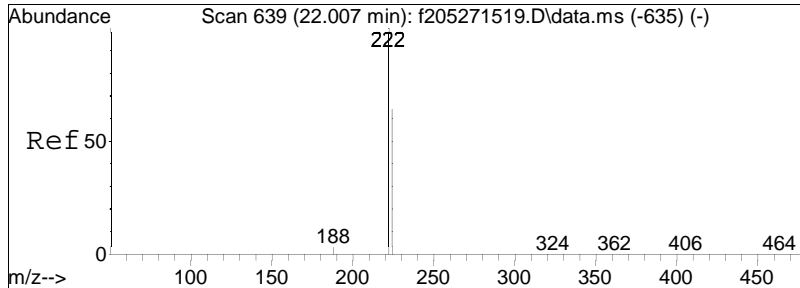




#16
 C13-BZ#19-RTW
 Concen: 33.28 ng/mL
 RT: 21.009 min Scan# 1235
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

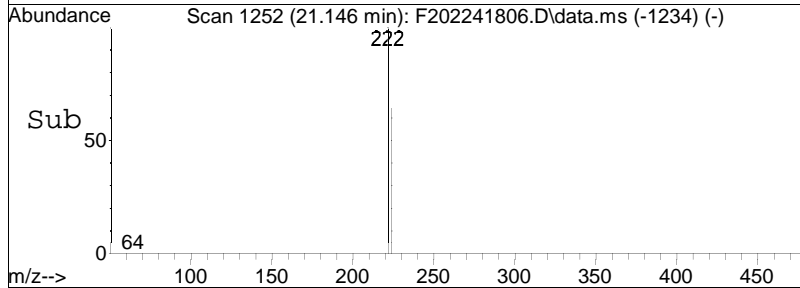
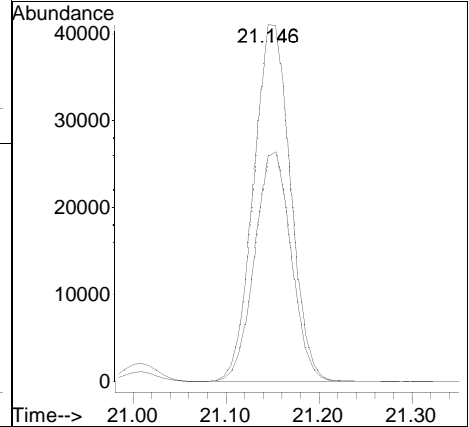
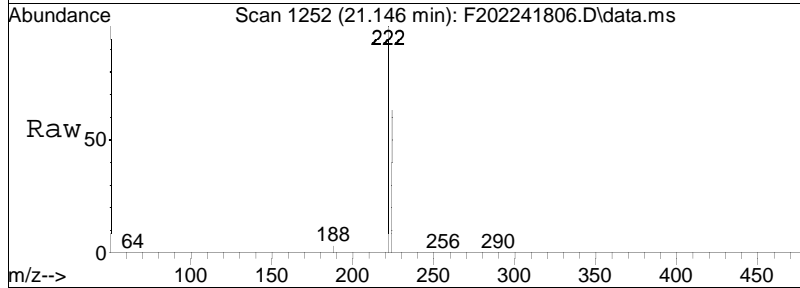
Tgt Ion: 256 Resp: 56380
 Ion Ratio Lower Upper
 256 100
 258 96.7 76.5 114.7

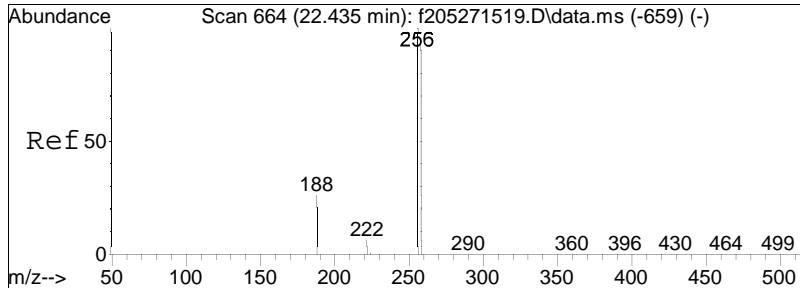




#17
 Cl2-BZ#14
 Concen: 37.83 ng/mL
 RT: 21.146 min Scan# 1252
 Delta R.T. -0.008 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

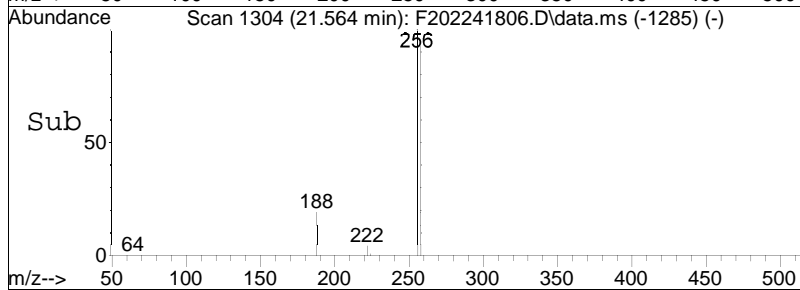
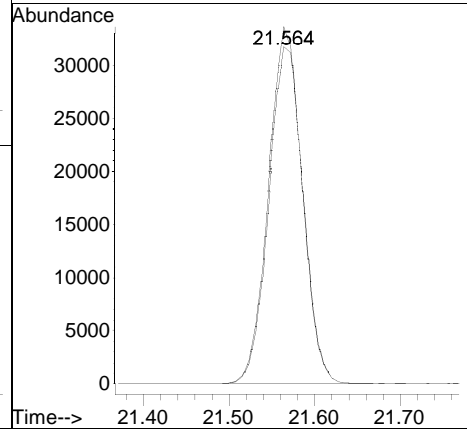
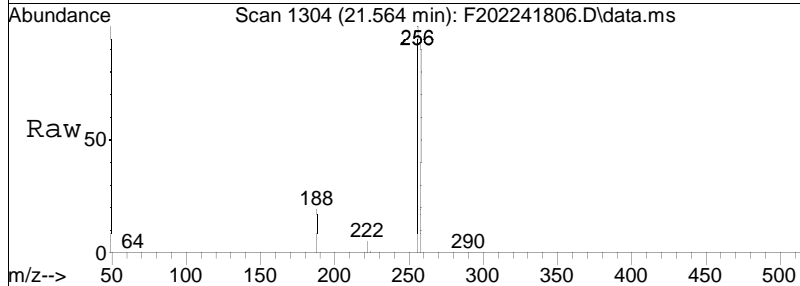
Tgt Ion	Ratio	Lower	Upper
222	100		
224	63.9	53.3	79.9

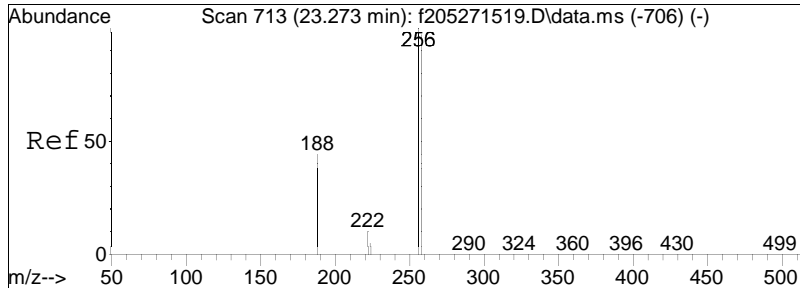




#18
 C13-BZ#30
 Concen: 35.14 ng/mL
 RT: 21.564 min Scan# 1304
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

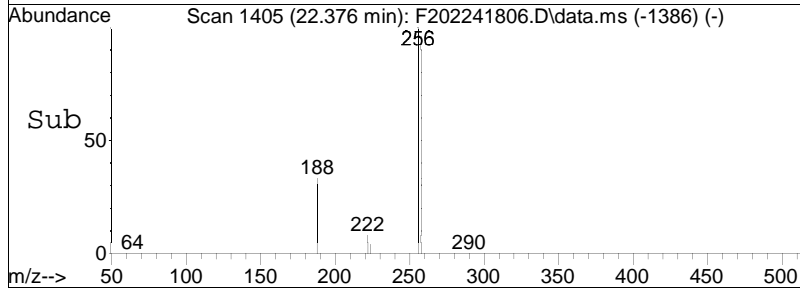
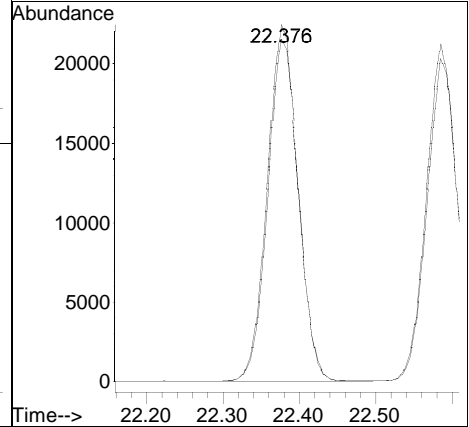
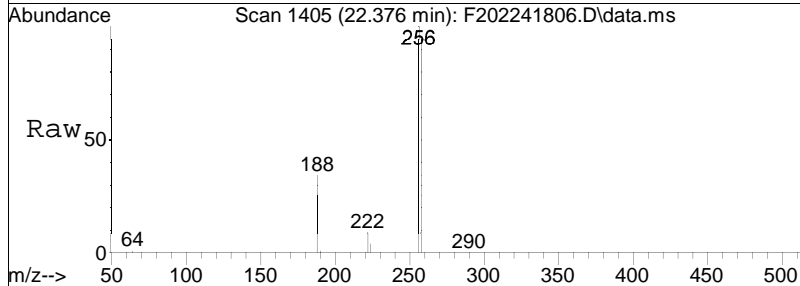
Tgt Ion	Resp	Lower	Upper
256	100		
258	96.3	76.4	114.6

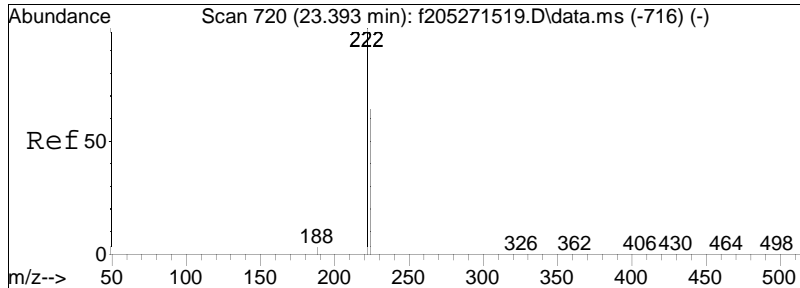




#19
 C13-BZ#18
 Concen: 34.68 ng/mL
 RT: 22.376 min Scan# 1405
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

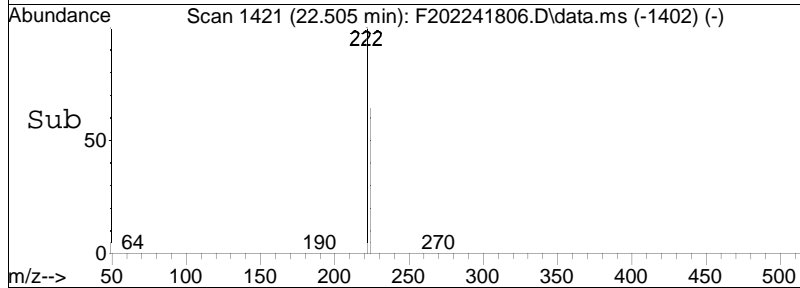
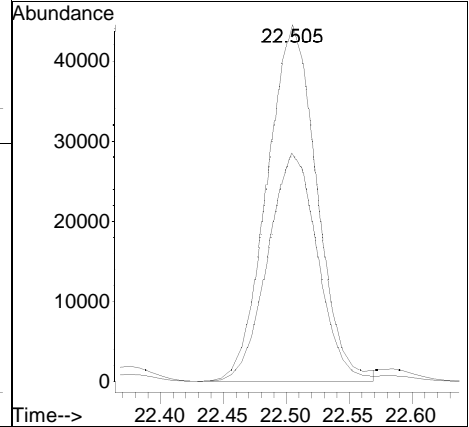
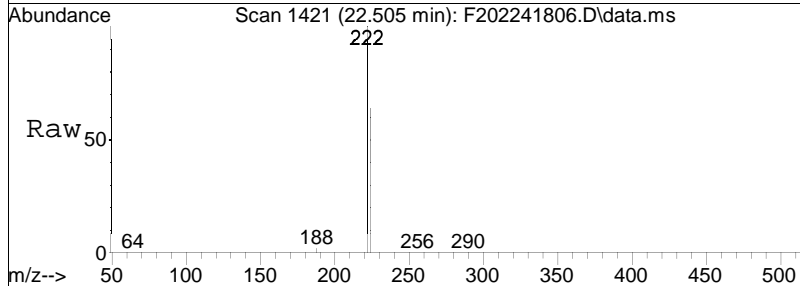
Tgt Ion: 256 Resp: 62072
 Ion Ratio Lower Upper
 256 100
 258 96.2 74.7 112.1

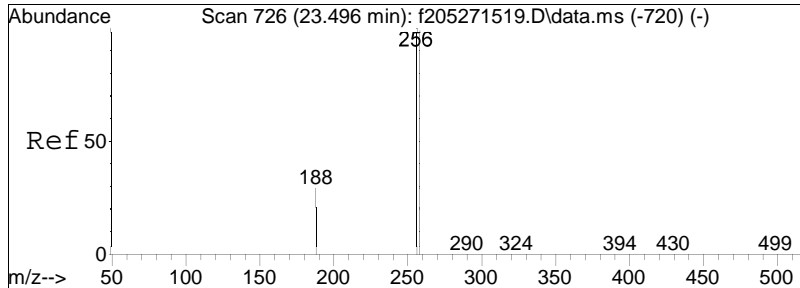




#20
 Cl2-BZ#11
 Concen: 37.43 ng/mL
 RT: 22.505 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

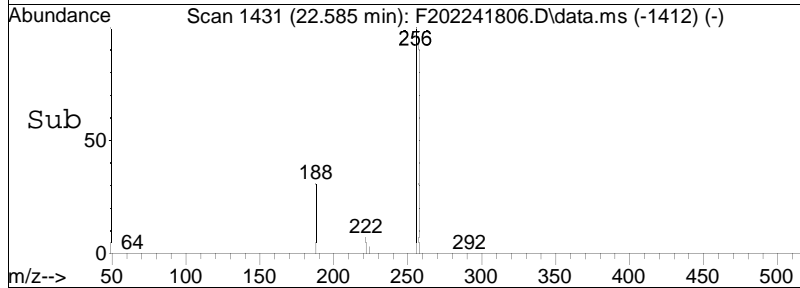
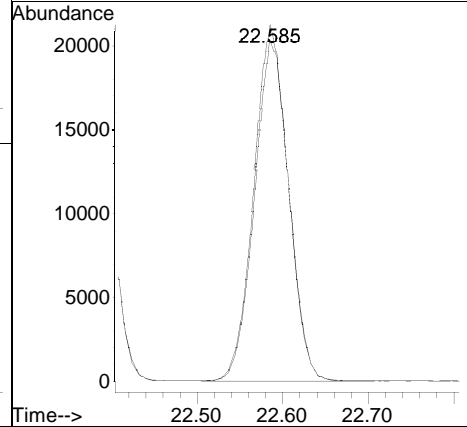
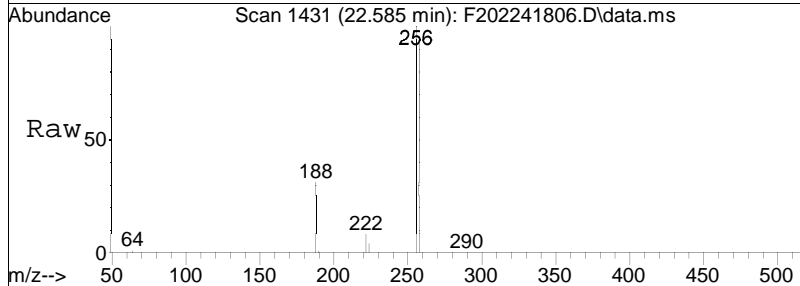
Tgt Ion	Resp	Lower	Upper
222	100		
224	65.3	50.9	76.3

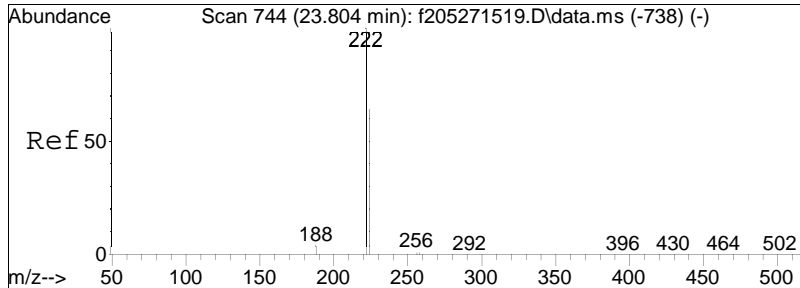




#21
 C13-BZ#17
 Concen: 34.79 ng/mL
 RT: 22.585 min Scan# 1431
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

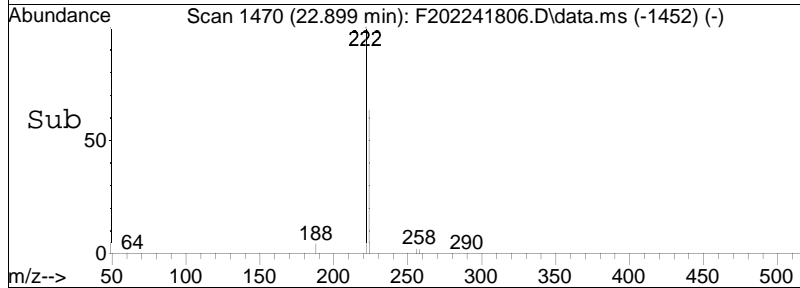
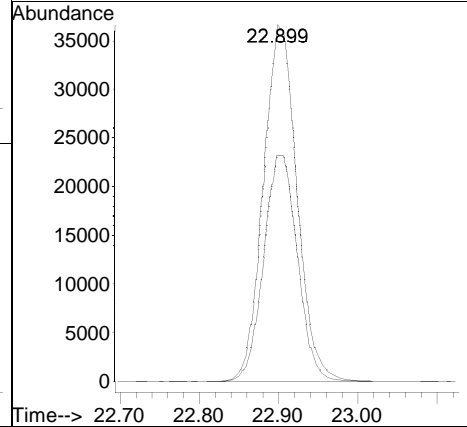
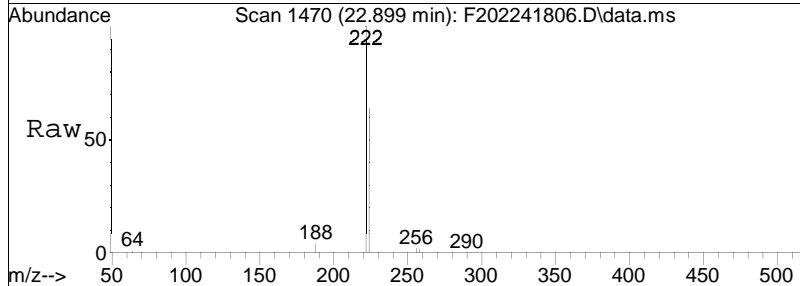
Tgt Ion	Resp	Lower	Upper
256	100		
258	95.7	76.3	114.5

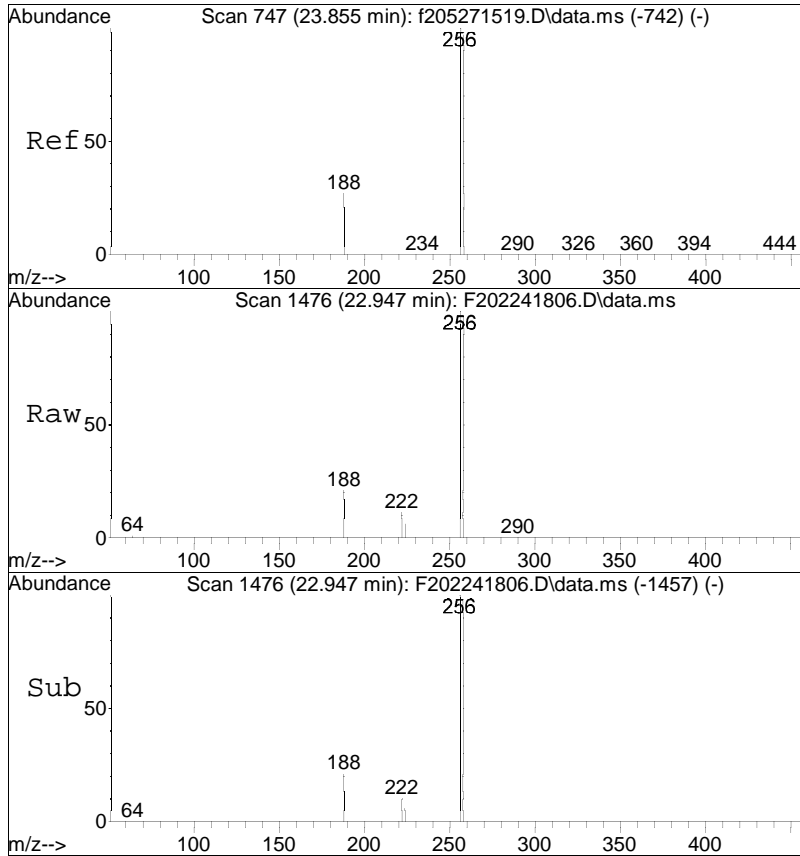




#22
 Cl2-BZ#12
 Concen: 37.73 ng/mL
 RT: 22.899 min Scan# 1470
 Delta R.T. -0.008 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

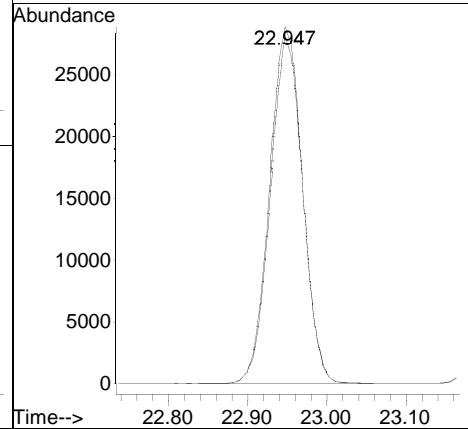
Tgt Ion	Resp	Lower	Upper
222	106919		
224	63.8	52.2	78.4

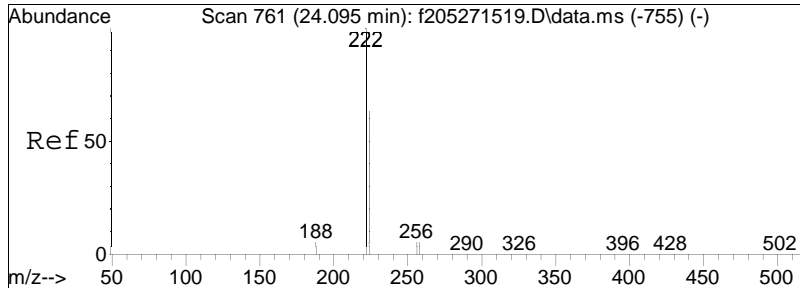




#23
 C13-BZ#27
 Concen: 35.40 ng/mL
 RT: 22.947 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

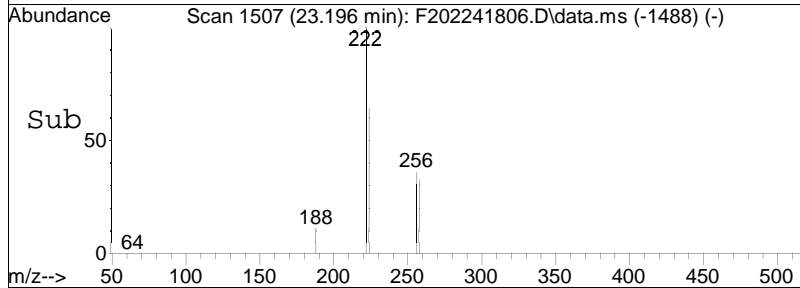
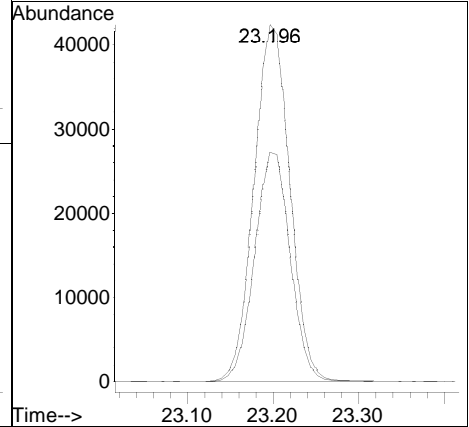
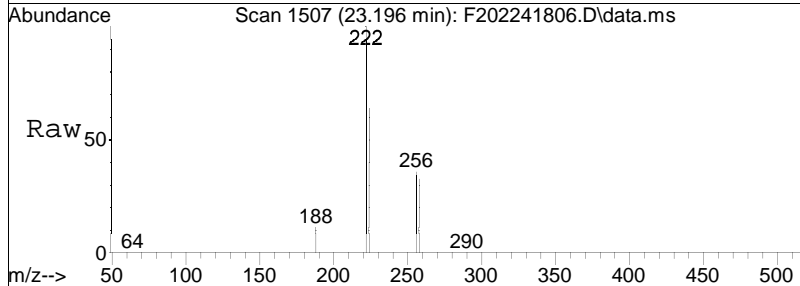
Tgt Ion	Resp	Lower	Upper
256	100		
258	95.8	75.5	113.3

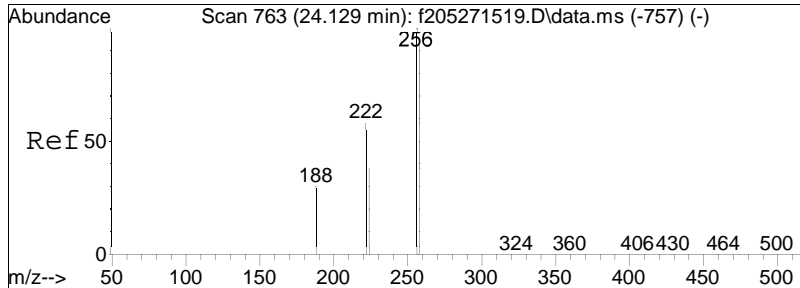




#24
 Cl2-BZ#13
 Concen: 37.66 ng/mL
 RT: 23.196 min Scan# 1507
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

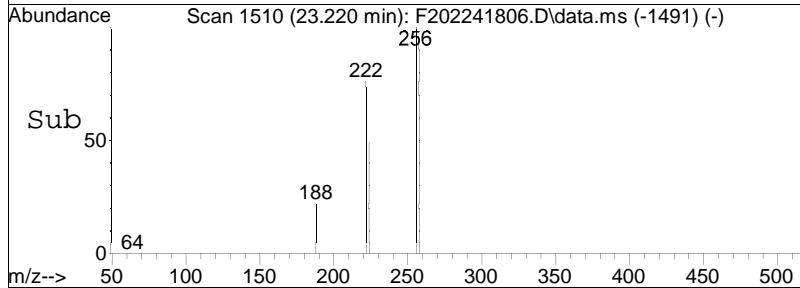
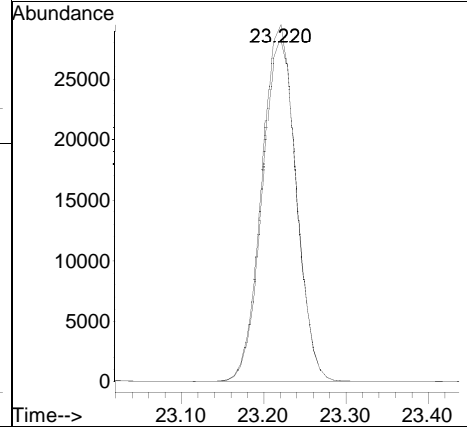
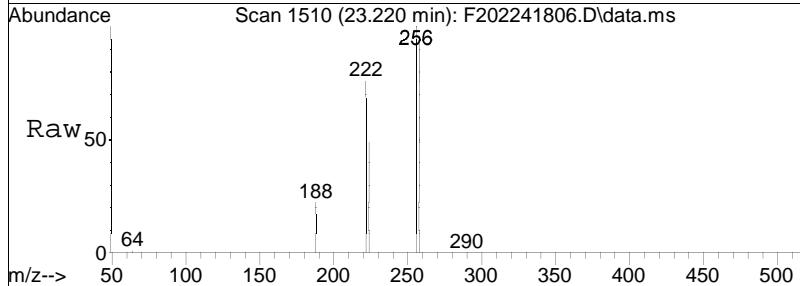
Tgt Ion	Resp	Lower	Upper
222	100		
224	63.7	51.4	77.2

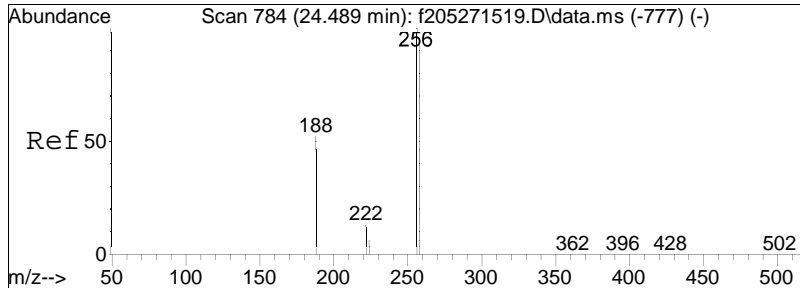




#25
 C13-BZ#24
 Concen: 36.79 ng/mL
 RT: 23.220 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

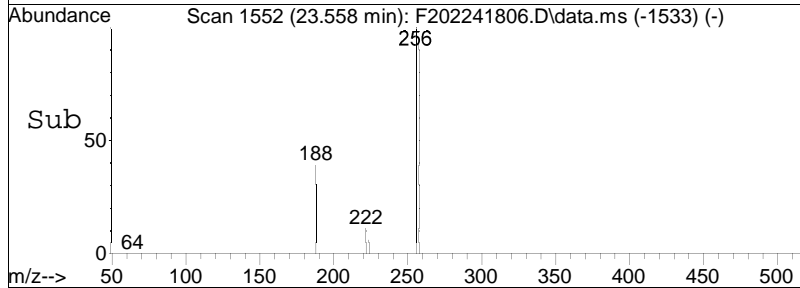
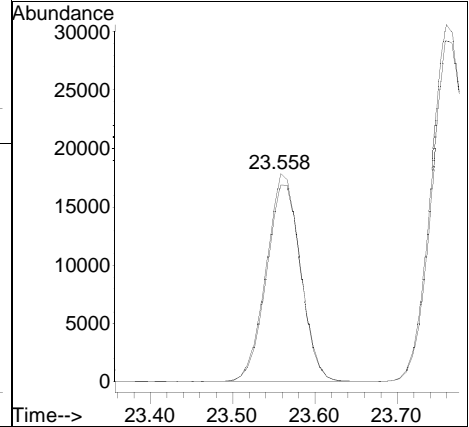
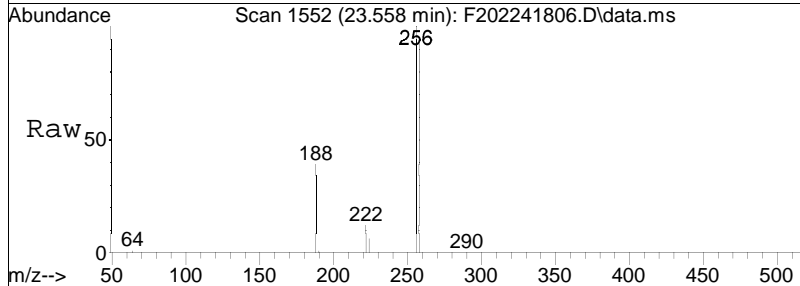
Tgt Ion: 256 Resp: 84686
 Ion Ratio Lower Upper
 256 100
 258 96.1 75.8 113.6

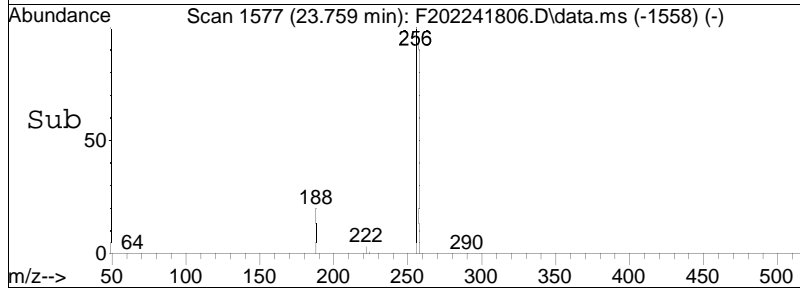
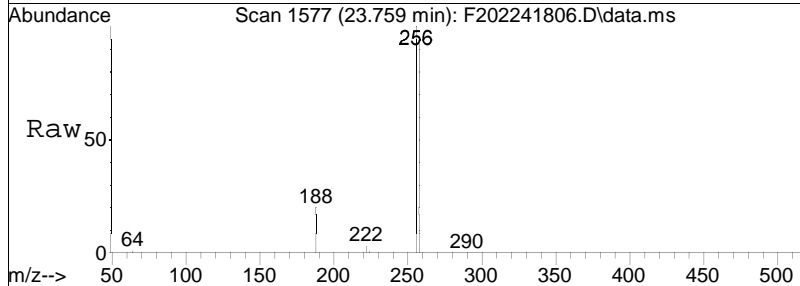
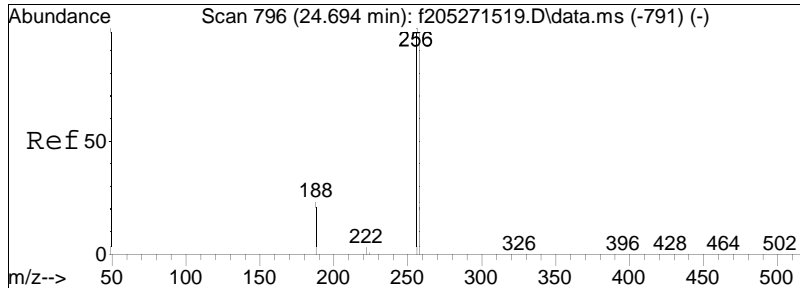




#26
 C13-BZ#16
 Concen: 34.56 ng/mL
 RT: 23.558 min Scan# 1552
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

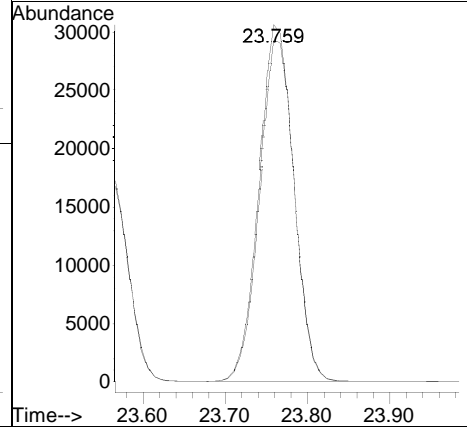
Tgt Ion: 256 Resp: 50932
 Ion Ratio Lower Upper
 256 100
 258 96.3 74.2 111.4

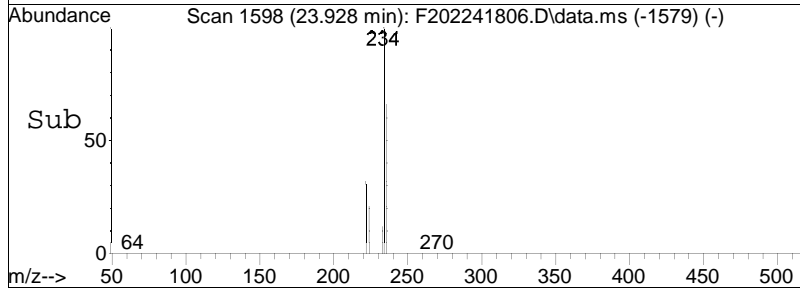
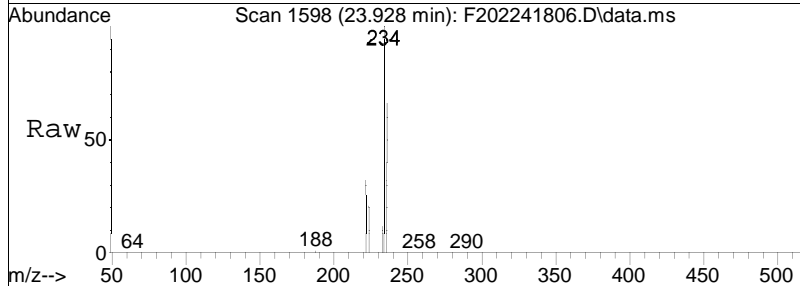
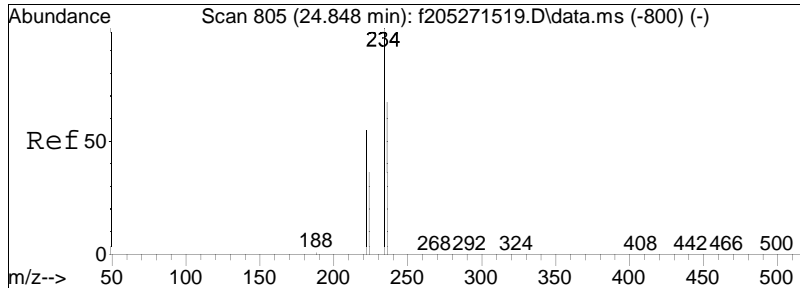




#27
 C13-BZ#32
 Concen: 35.47 ng/mL
 RT: 23.759 min Scan# 1577
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

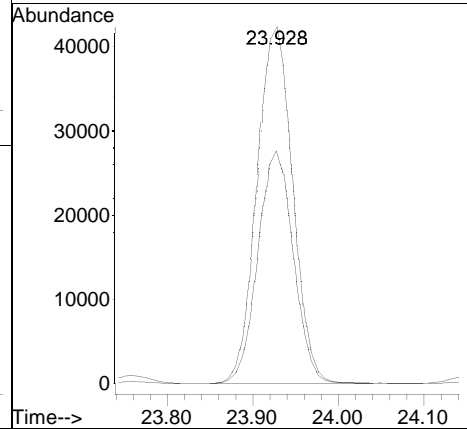
Tgt Ion	Resp	Lower	Upper
256	100		
258	96.1	75.0	112.4

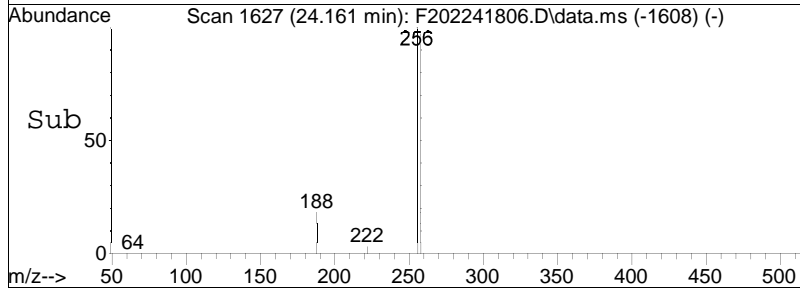
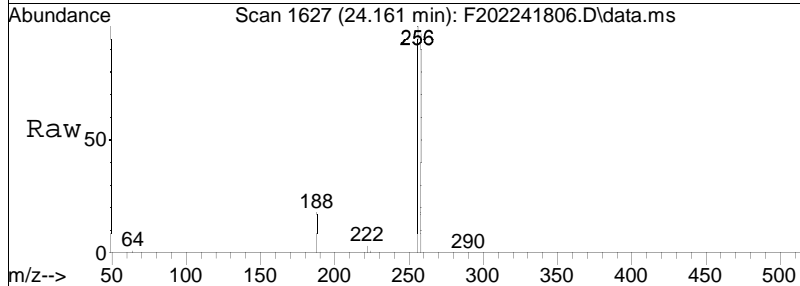
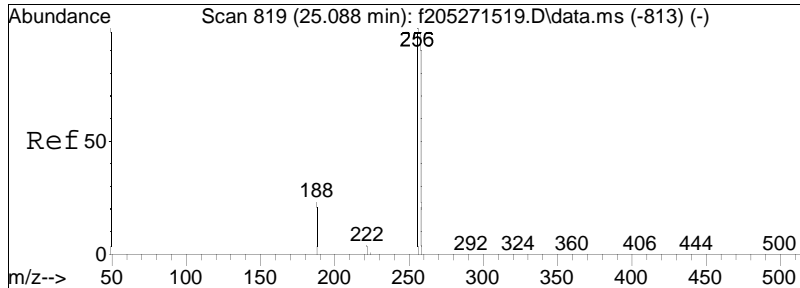




#28
 Cl2-BZ#15-RTW
 Concen: 36.33 ng/mL
 RT: 23.928 min Scan# 1598
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

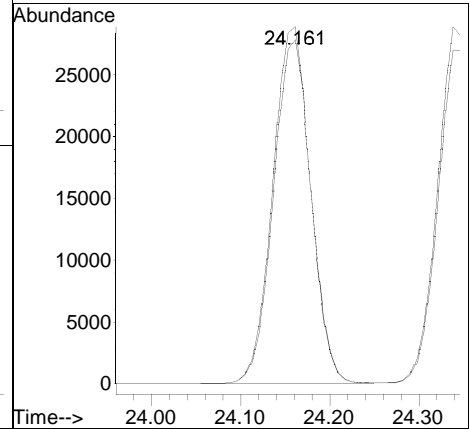
Tgt Ion	Resp	Lower	Upper
222	100		
224	65.2	51.7	77.5

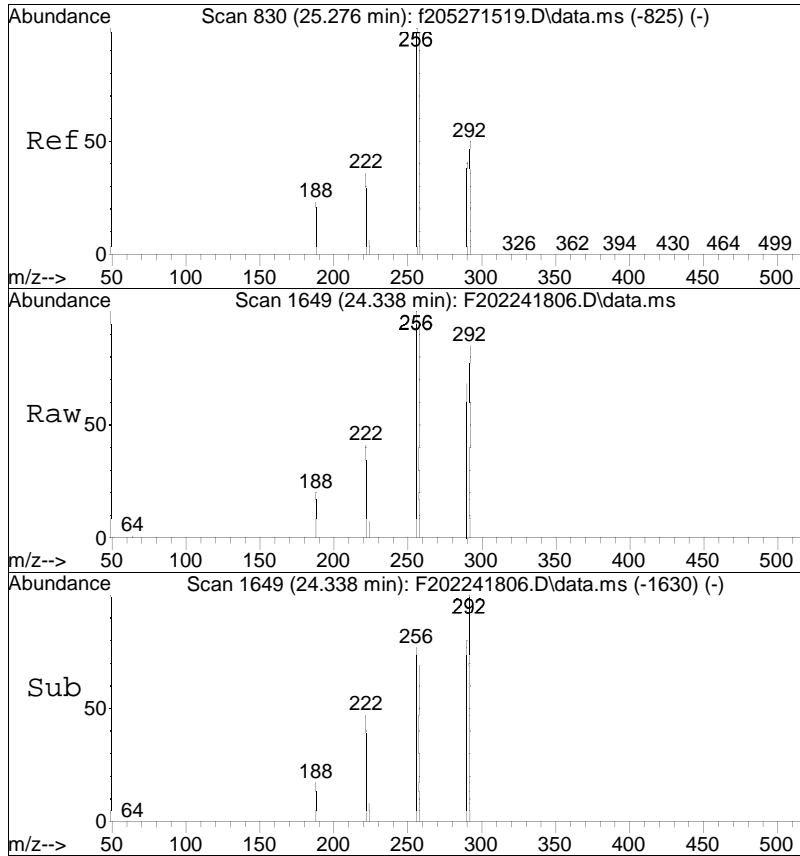




#29
 C13-BZ#34
 Concen: 36.34 ng/mL
 RT: 24.161 min Scan# 1627
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

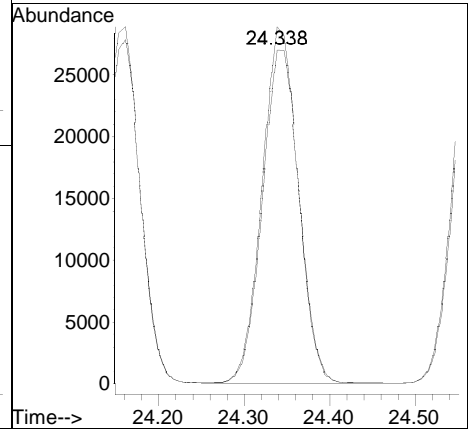
Tgt Ion	Resp	Lower	Upper
256	100		
258	96.1	77.1	115.7

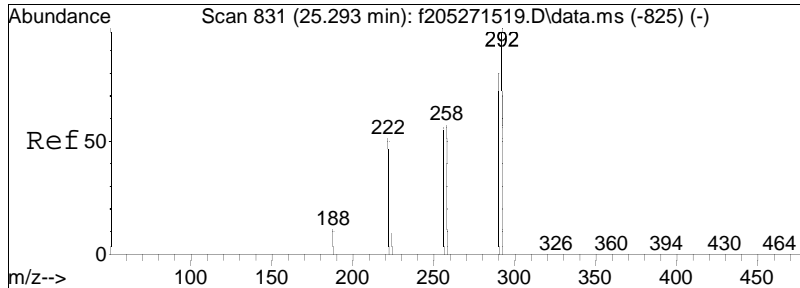




#30
 C13-BZ#23
 Concen: 36.47 ng/mL
 RT: 24.338 min Scan# 1649
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

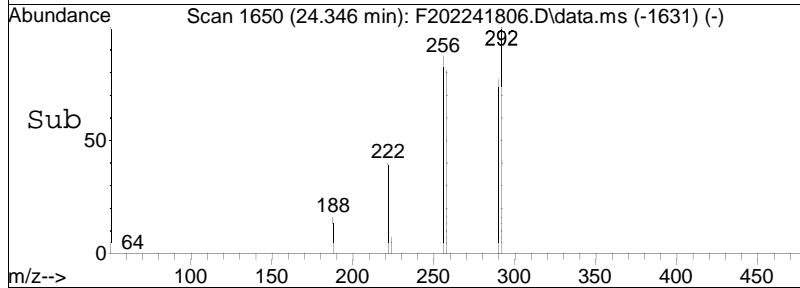
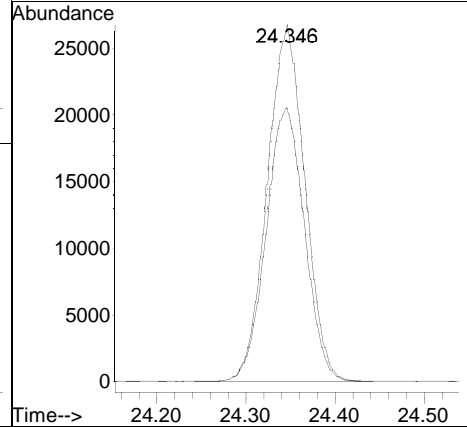
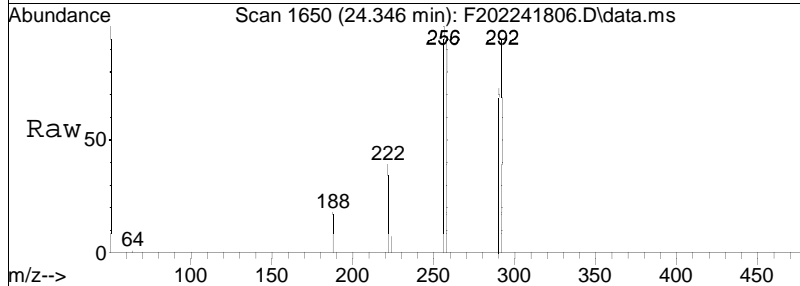
Tgt Ion	Resp	Lower	Upper
256	100		
258	95.7	76.7	115.1

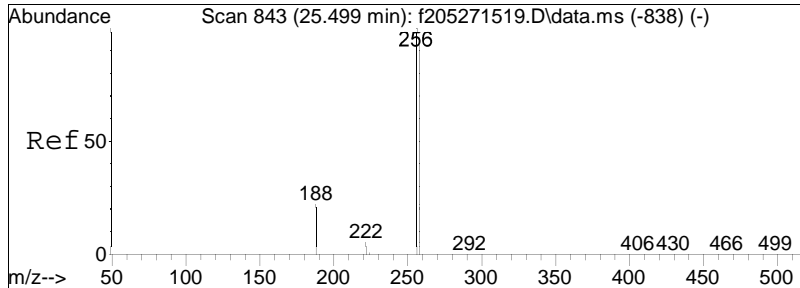




#31
 C14-BZ#54-RTW
 Concen: 33.90 ng/mL
 RT: 24.346 min Scan# 1650
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

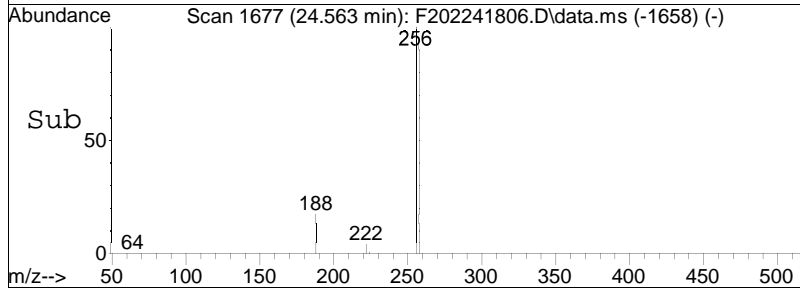
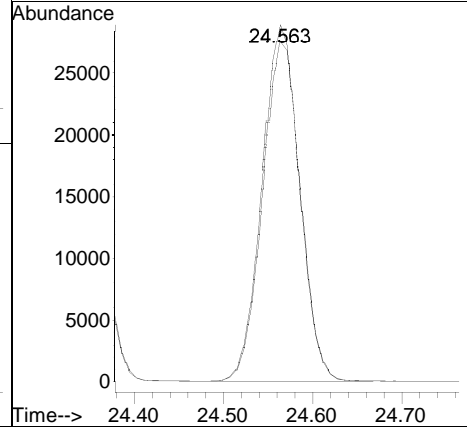
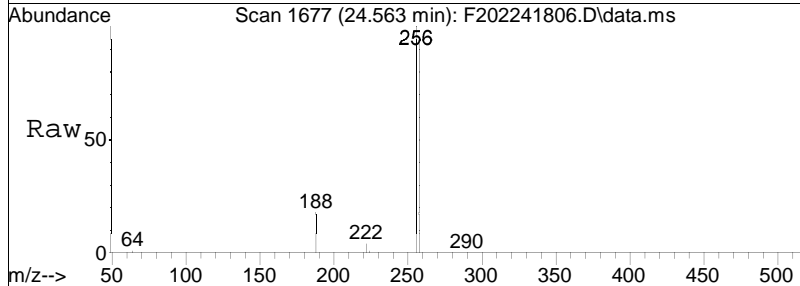
Tgt Ion	Resp	Lower	Upper
292	77916		
292	100		
290	78.3	63.5	95.3

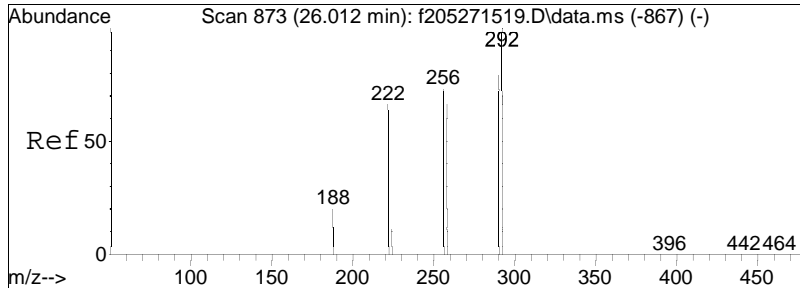




#32
 C13-BZ#29-Cal
 Concen: 36.85 ng/mL
 RT: 24.563 min Scan# 1677
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

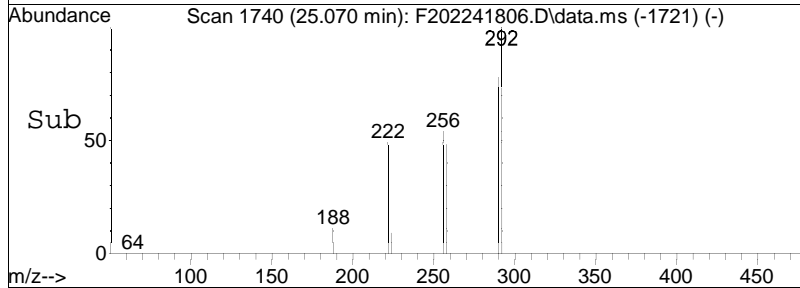
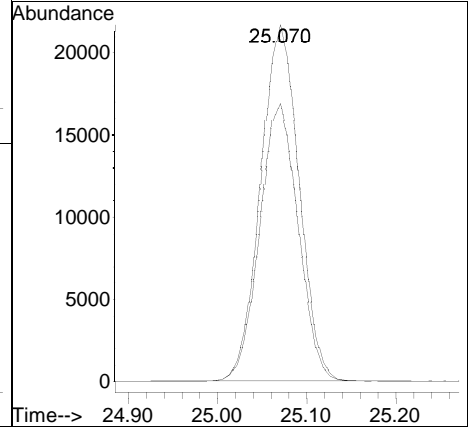
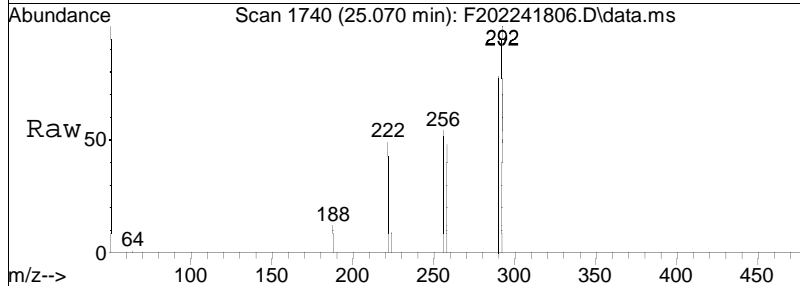
Tgt Ion	Resp	Lower	Upper
256	100		
258	95.4	76.6	115.0

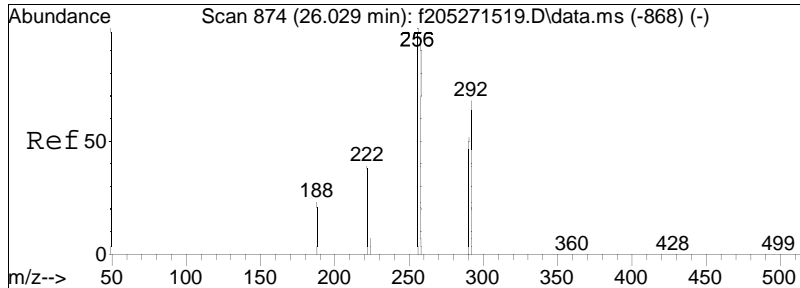




#35
 Cl4-BZ#50-Cal
 Concen: 34.68 ng/mL
 RT: 25.070 min Scan# 1740
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

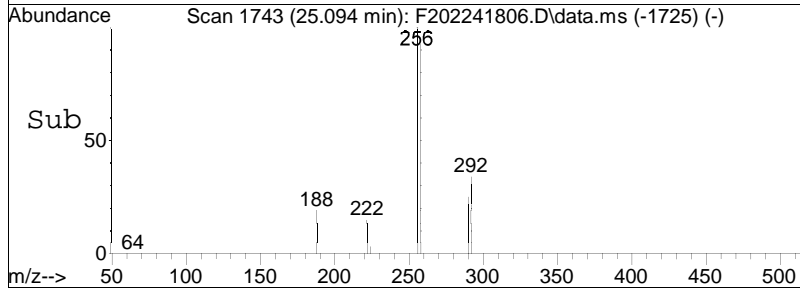
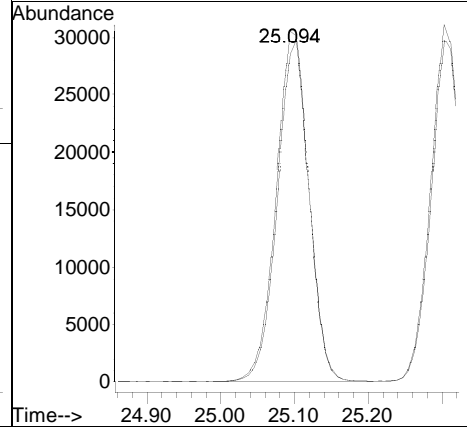
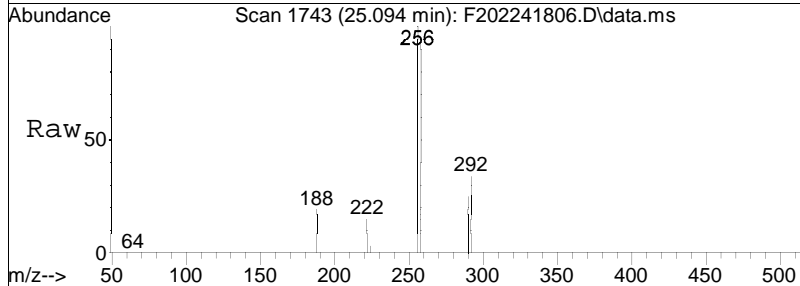
Tgt Ion: 292 Resp: 64630
 Ion Ratio Lower Upper
 292 100
 290 78.1 63.6 95.4

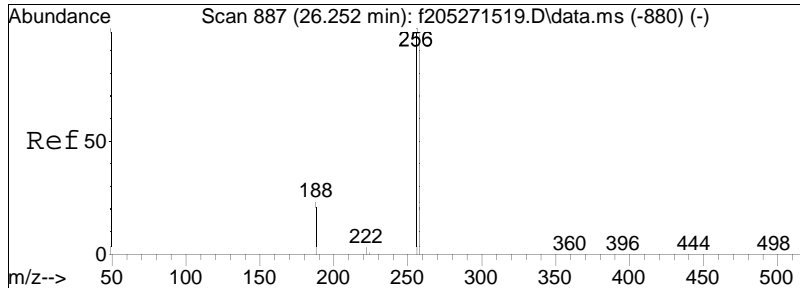




#38
 C13-BZ#26
 Concen: 37.91 ng/mL
 RT: 25.094 min Scan# 1743
 Delta R.T. -0.008 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

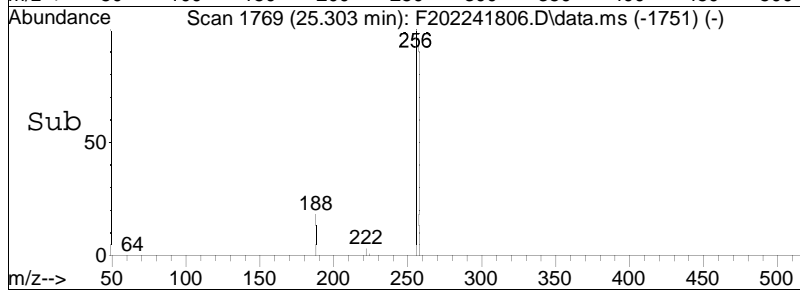
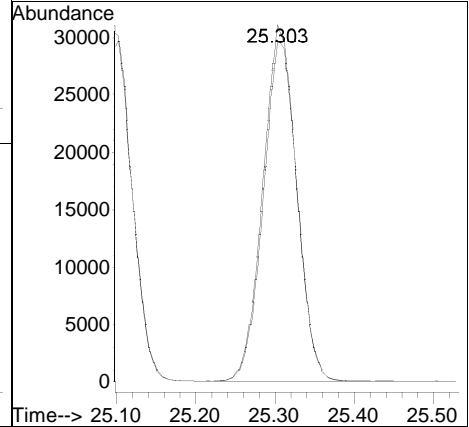
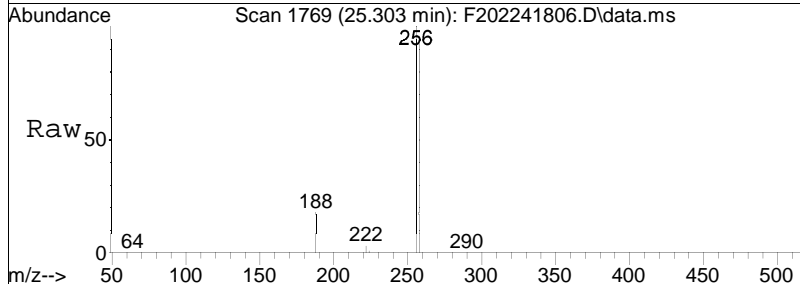
Tgt Ion: 256 Resp: 93336
 Ion Ratio Lower Upper
 256 100
 258 93.4 76.6 115.0

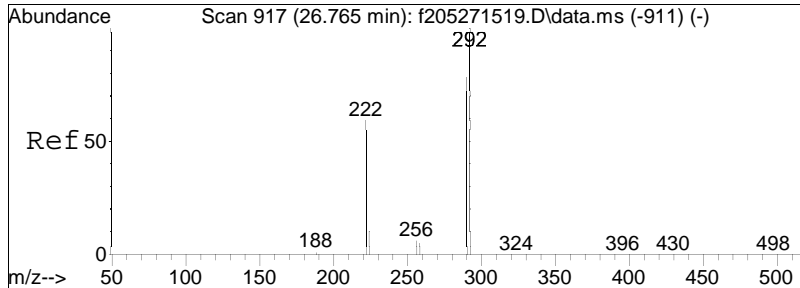




#39
 C13-BZ#25
 Concen: 36.68 ng/mL
 RT: 25.303 min Scan# 1769
 Delta R.T. -0.008 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

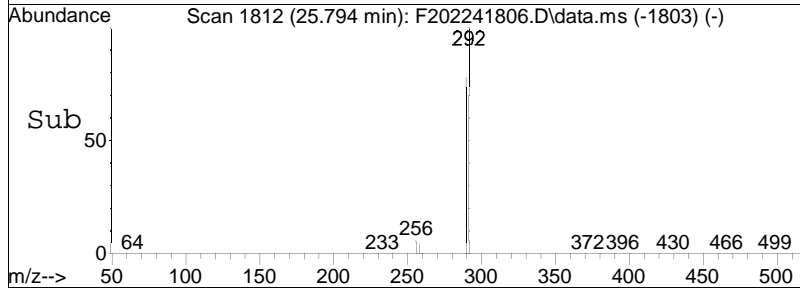
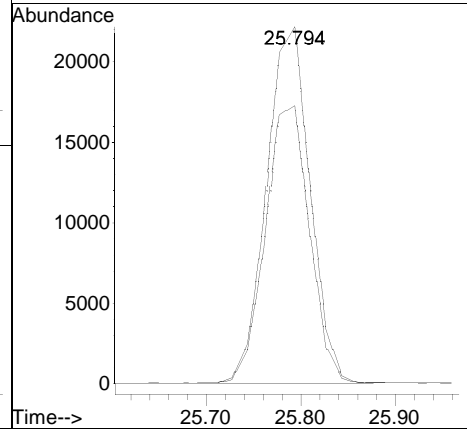
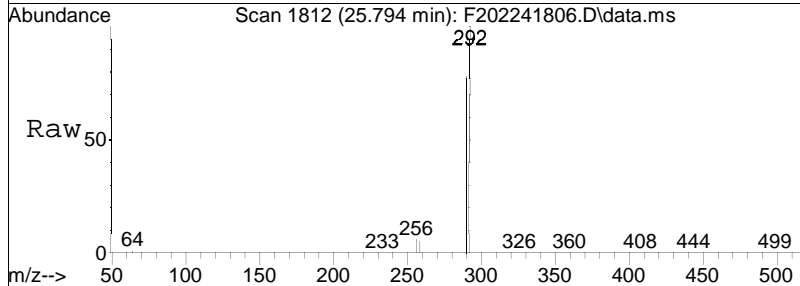
Tgt Ion	Resp	Lower	Upper
256	100		
258	95.9	77.5	116.3

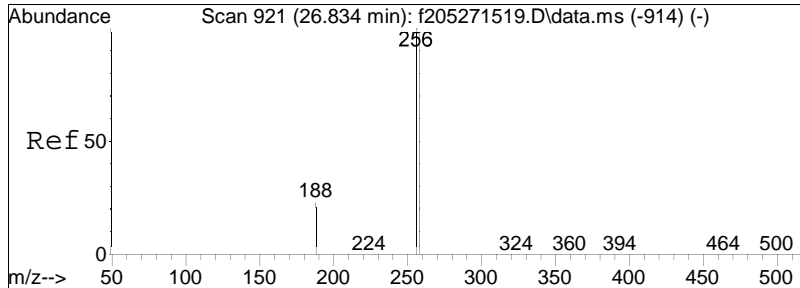




#40
 Cl4-BZ#53
 Concen: 34.92 ng/mL
 RT: 25.794 min Scan# 1812
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

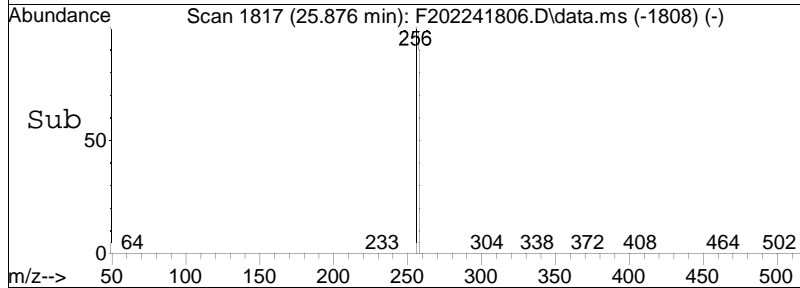
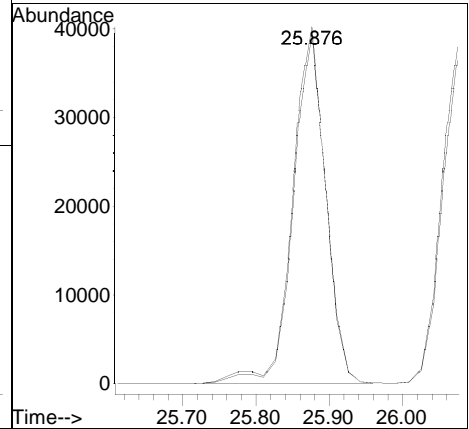
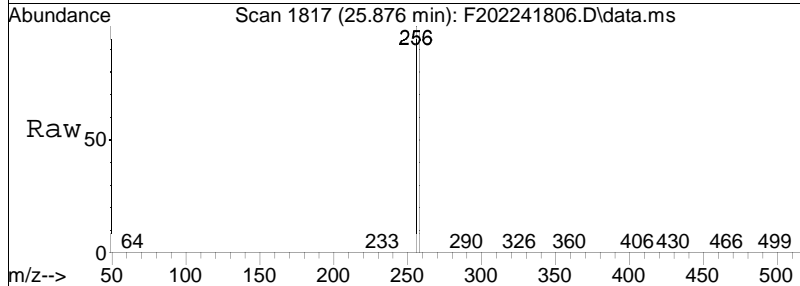
Tgt Ion: 292 Resp: 70577
 Ion Ratio Lower Upper
 292 100
 290 78.9 62.4 93.6

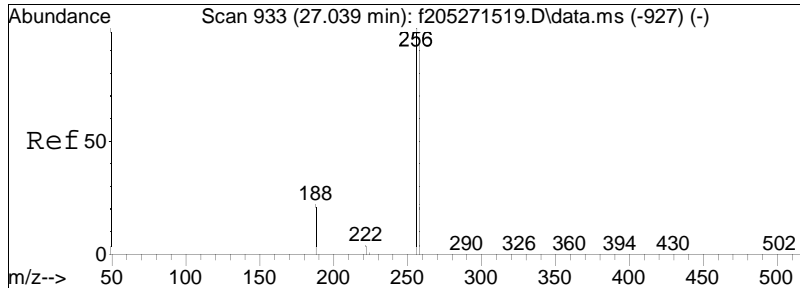




#41
 C13-BZ#-31
 Concen: 39.79 ng/mL M4
 RT: 25.876 min Scan# 1817
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

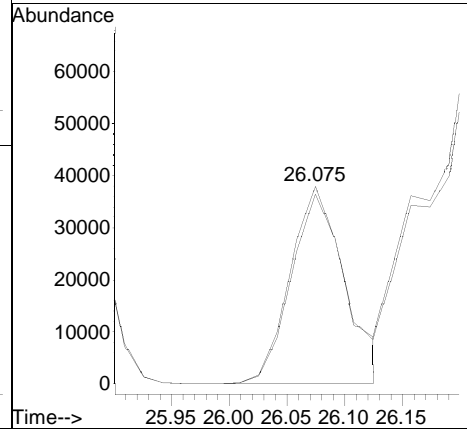
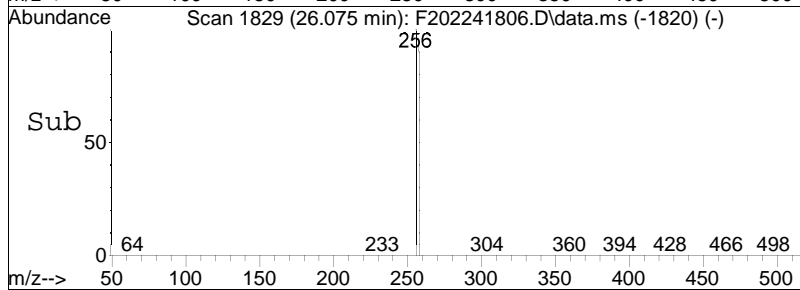
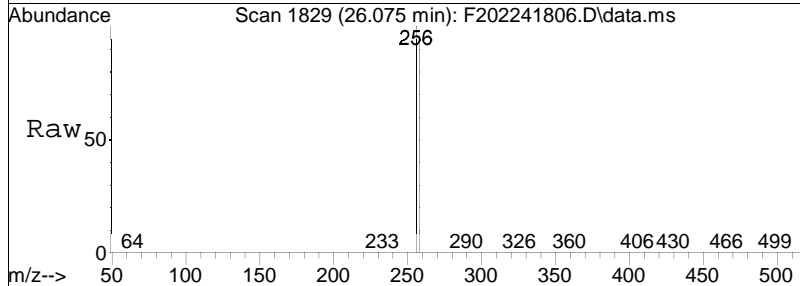
Tgt Ion: 256 Resp: 125085
 Ion Ratio Lower Upper
 256 100
 258 95.3 78.6 117.8

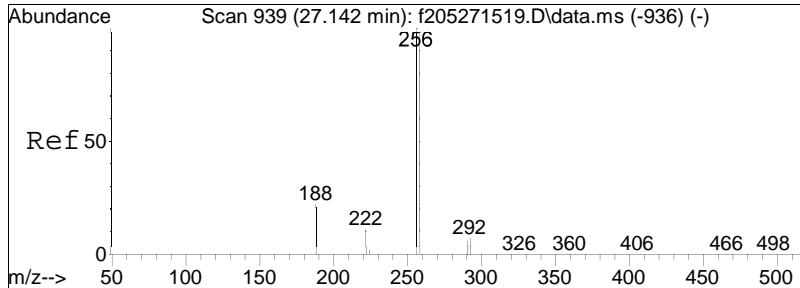




#42
 C13-BZ#28
 Concen: 38.83 ng/mL
 RT: 26.075 min Scan# 1829
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

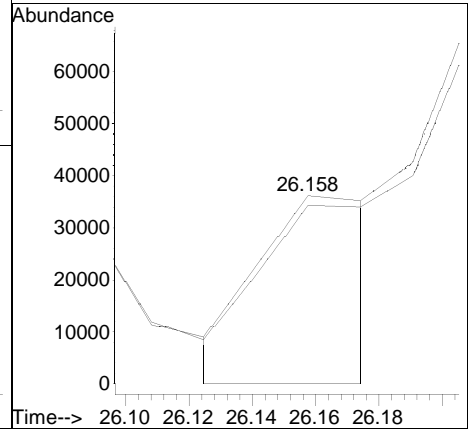
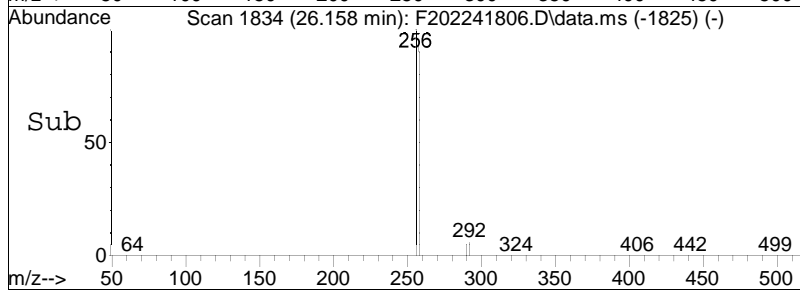
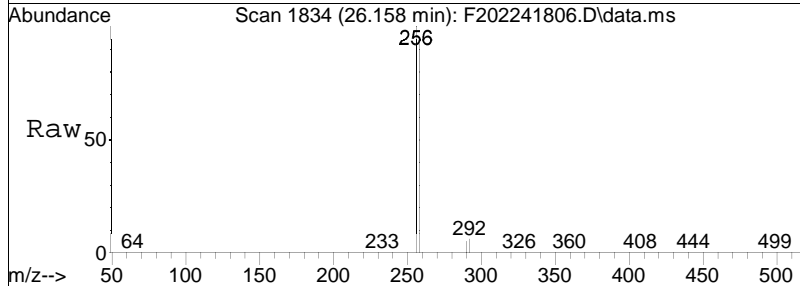
Tgt Ion	Resp	Lower	Upper
256	100		
258	96.1	77.5	116.3

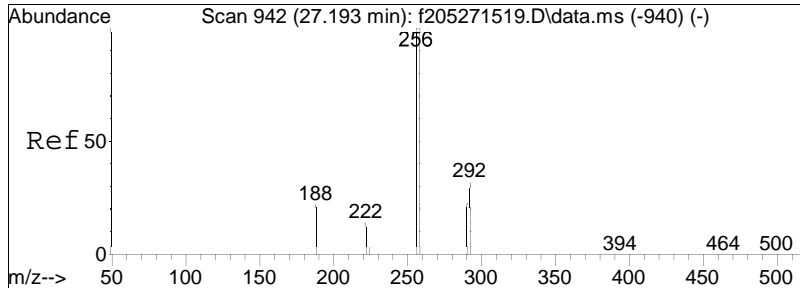




#43
 C13-BZ#33
 Concen: 32.30 ng/mL M3
 RT: 26.158 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

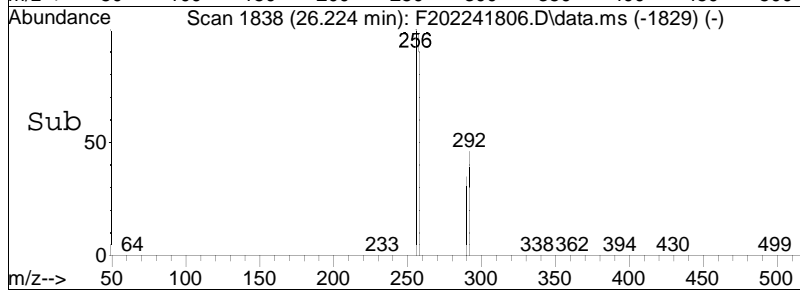
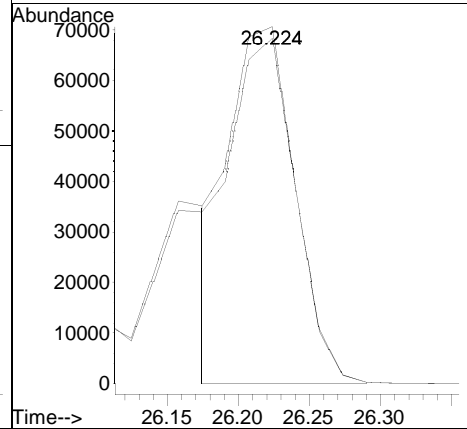
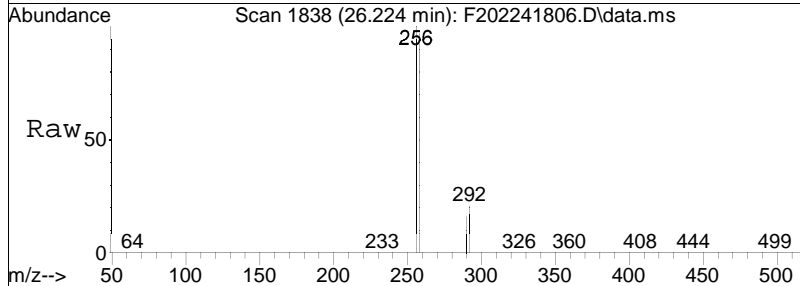
Tgt Ion: 256 Resp: 93216
 Ion Ratio Lower Upper
 256 100
 258 95.0 76.2 114.4

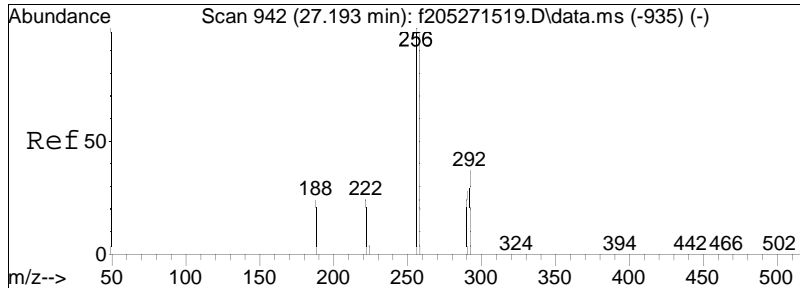




#44
 C13-BZ#21/#20
 Concen: 80.22 ng/mL M3
 RT: 26.224 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

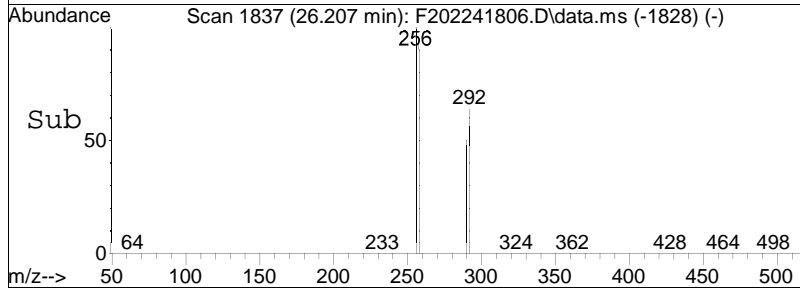
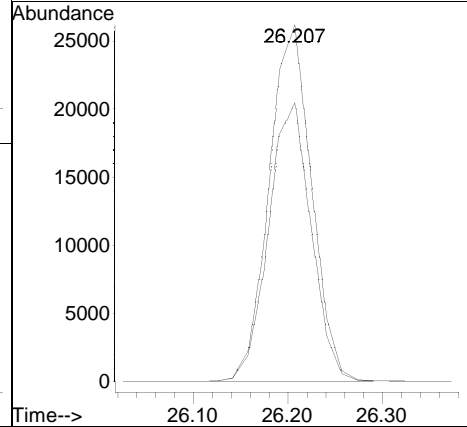
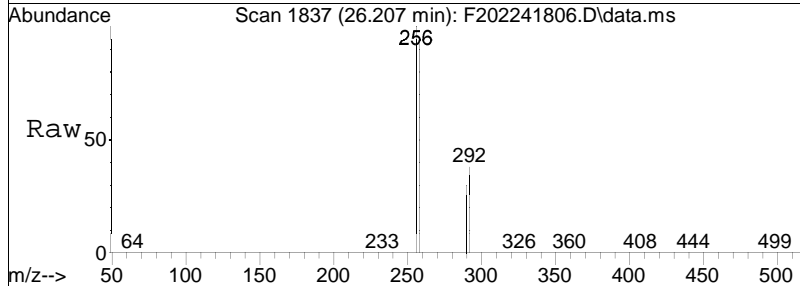
Tgt Ion: 256 Resp: 230055
 Ion Ratio Lower Upper
 256 100
 258 134.2 77.8 116.8#

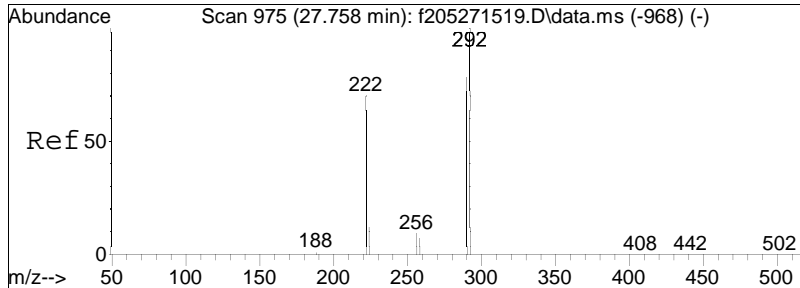




#45
 Cl4-BZ#51
 Concen: 36.76 ng/mL
 RT: 26.207 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

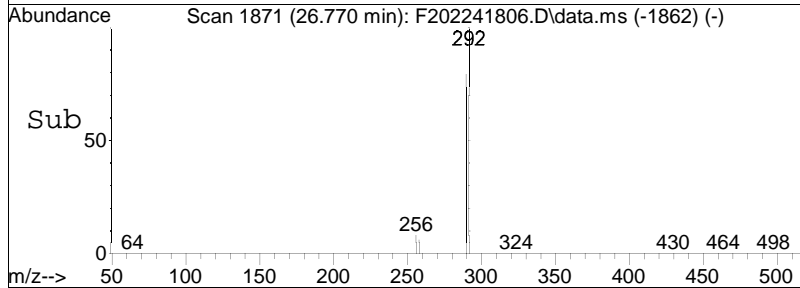
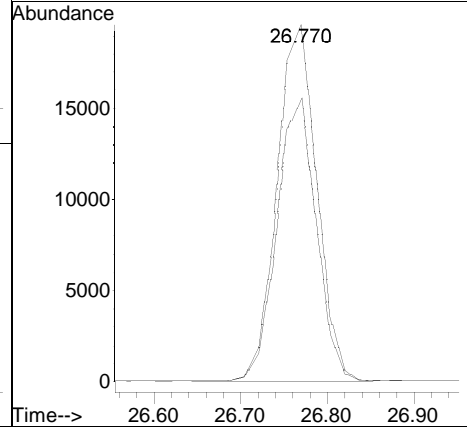
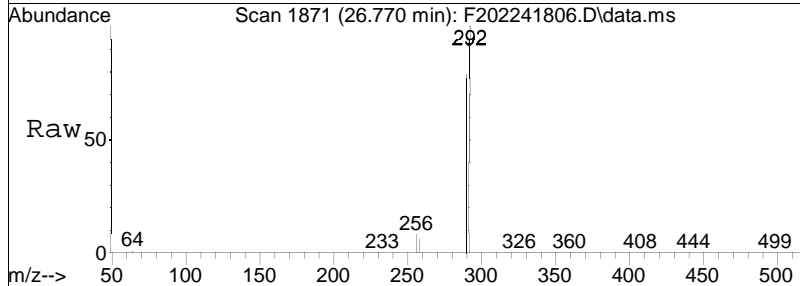
Tgt Ion: 292 Resp: 81198
 Ion Ratio Lower Upper
 292 100
 290 78.5 61.4 92.2

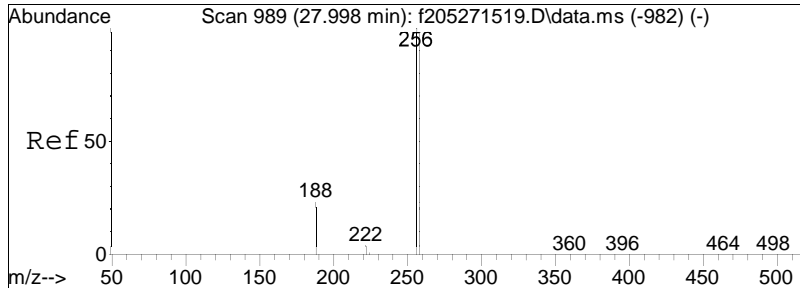




#46
 Cl4-BZ#45
 Concen: 37.31 ng/mL
 RT: 26.770 min Scan# 1871
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

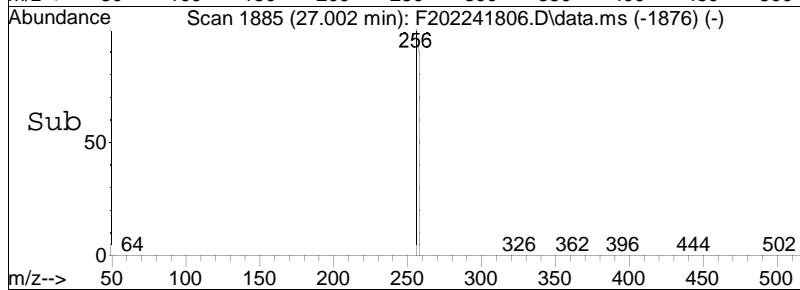
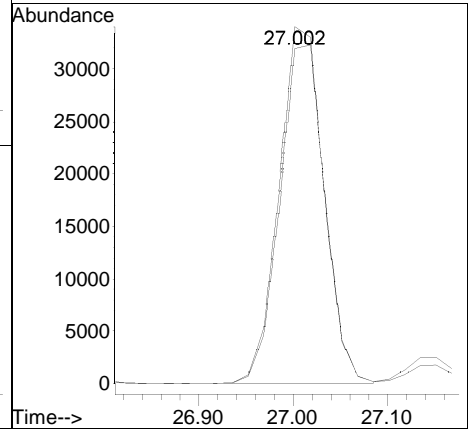
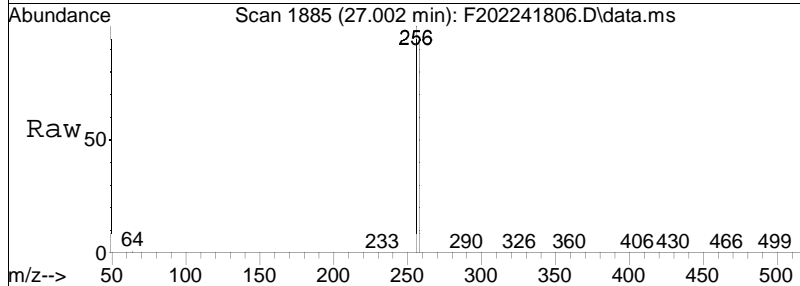
Tgt Ion:	292	Resp:	62111
Ion Ratio	Lower	Upper	
292	100		
290	78.6	62.6	93.8

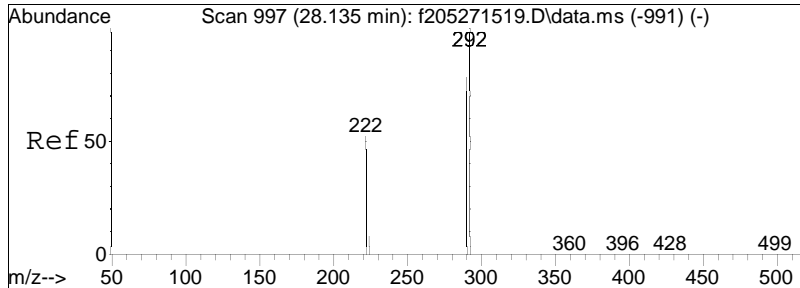




#47
 C13-BZ#22
 Concen: 38.67 ng/mL
 RT: 27.002 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

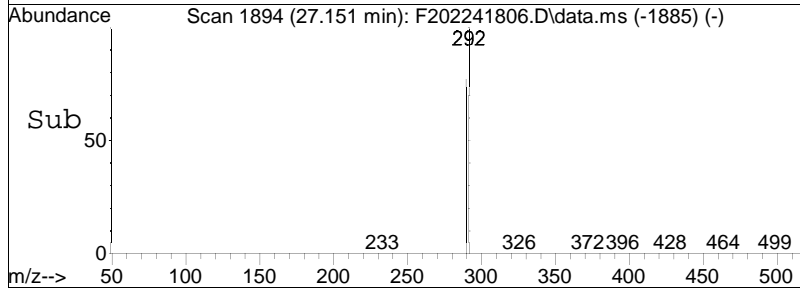
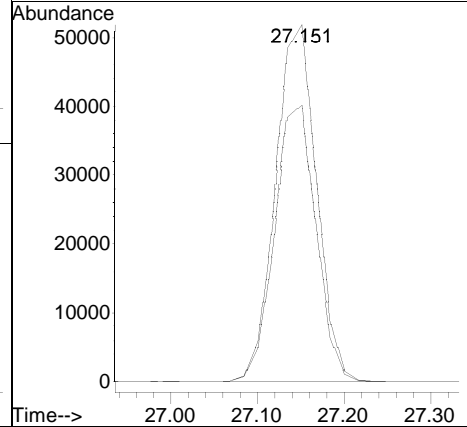
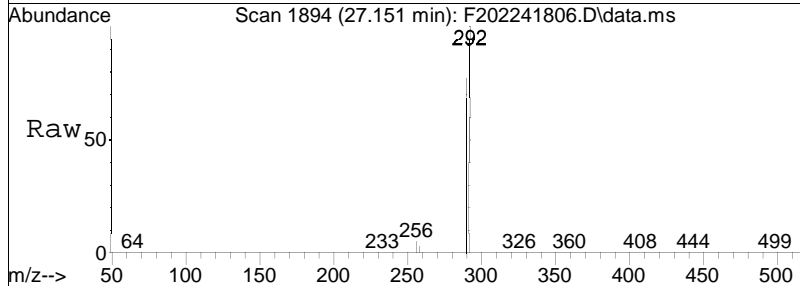
Tgt Ion	Resp	Lower	Upper
256	100		
258	93.9	75.4	113.0

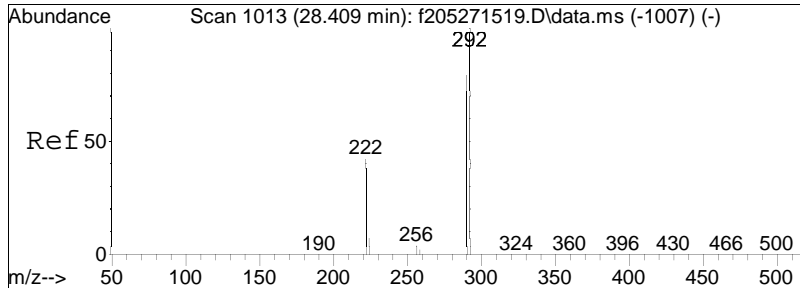




#48
 Cl4-BZ#73/#46
 Concen: 74.80 ng/mL
 RT: 27.151 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

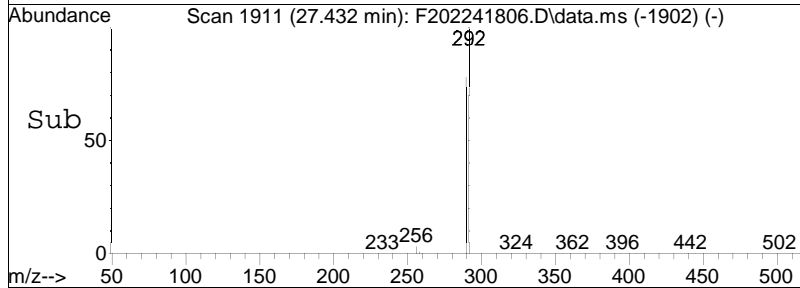
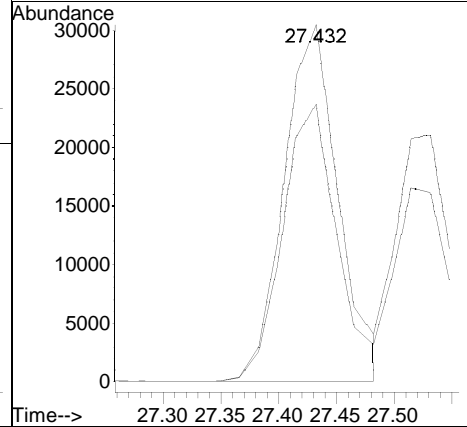
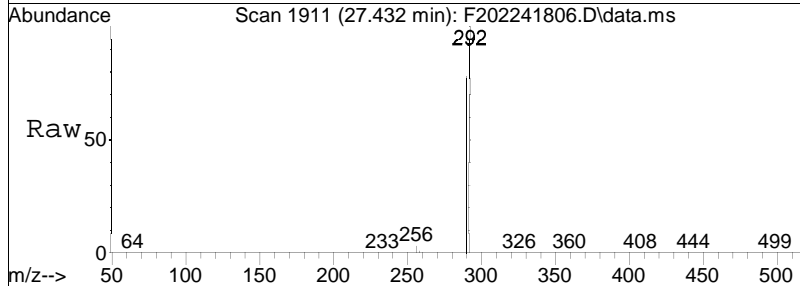
Tgt Ion	Resp	Lower	Upper
292	100		
290	78.3	62.4	93.6

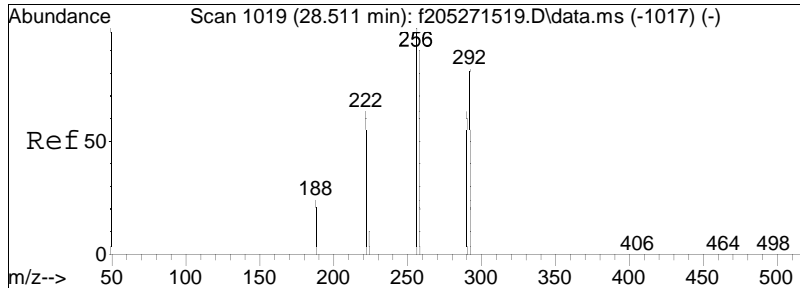




#49
 Cl4-BZ#69
 Concen: 37.66 ng/mL
 RT: 27.432 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

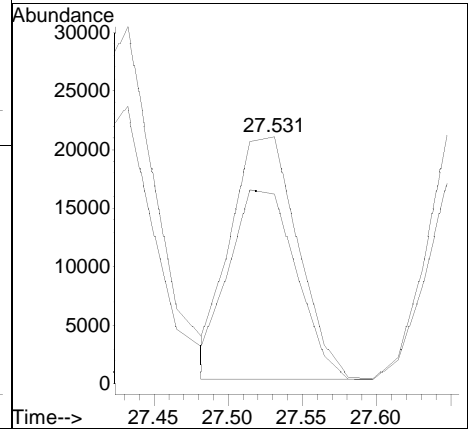
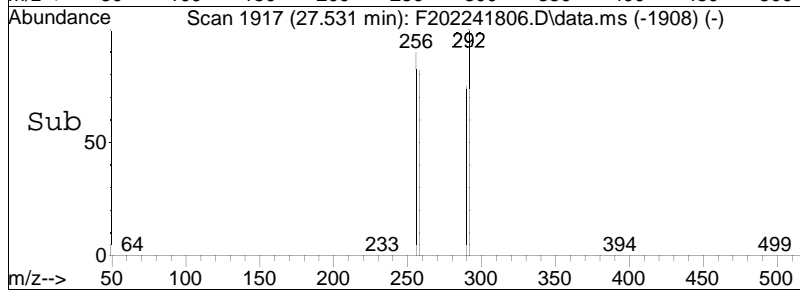
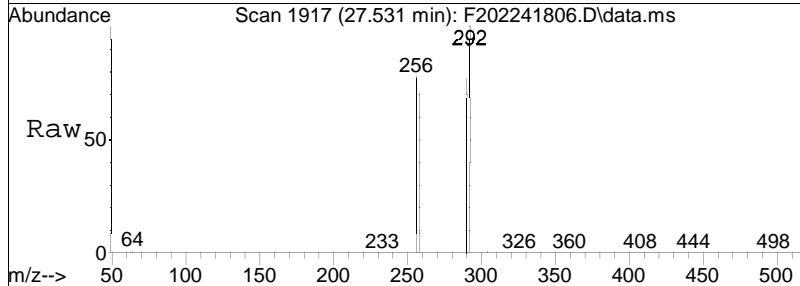
Tgt Ion	Resp	Lower	Upper
292	100		
290	78.2	62.0	93.0

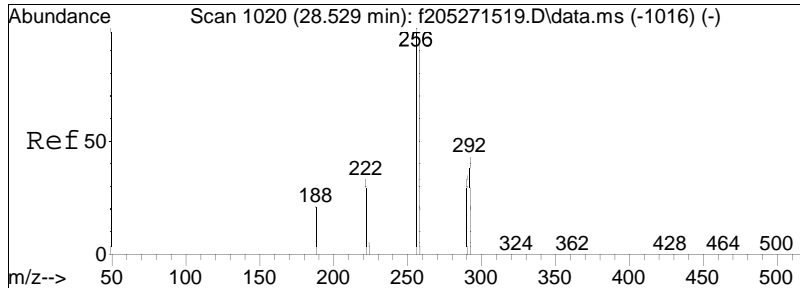




#50
 C14-BZ#43
 Concen: 34.59 ng/mL
 RT: 27.531 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

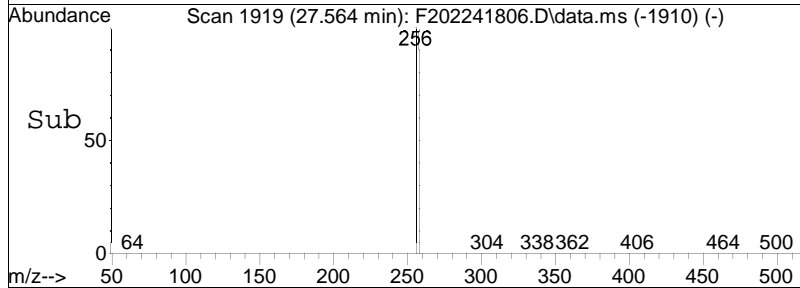
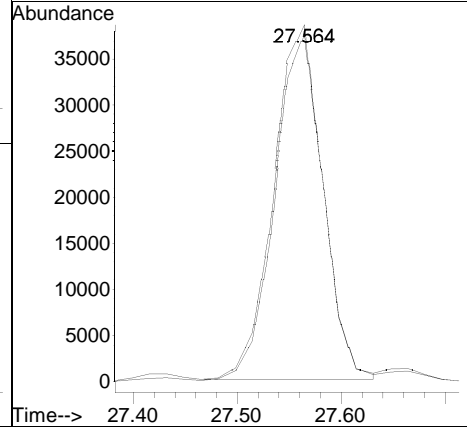
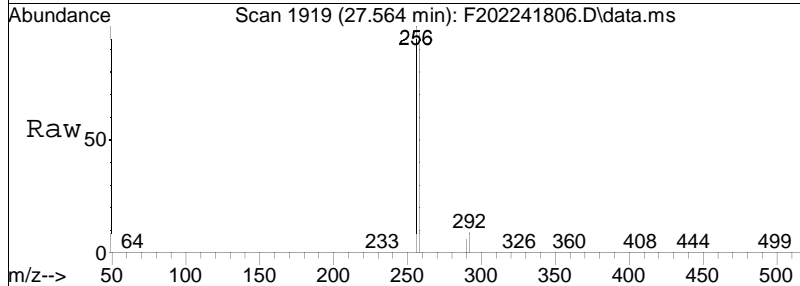
Tgt Ion: 292 Resp: 64748
 Ion Ratio Lower Upper
 292 100
 290 78.3 60.5 90.7

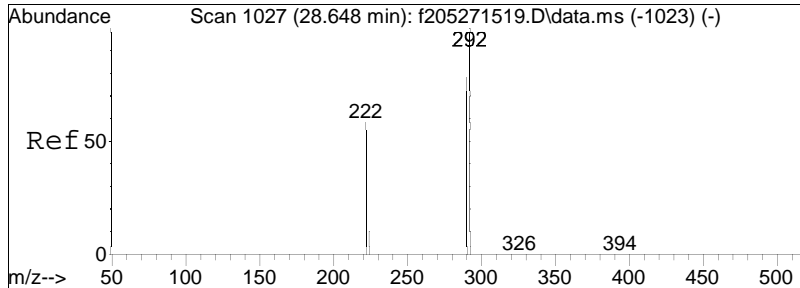




#51
 C13-BZ#36
 Concen: 37.81 ng/mL
 RT: 27.564 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

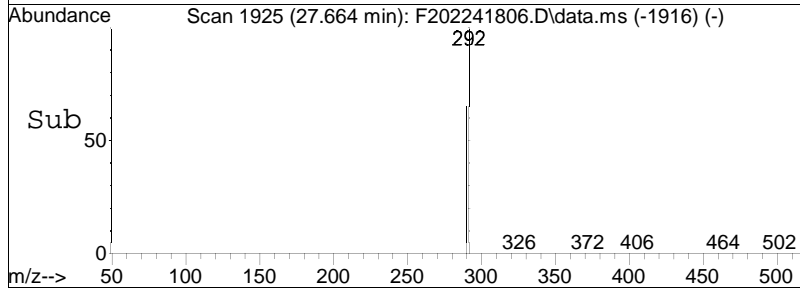
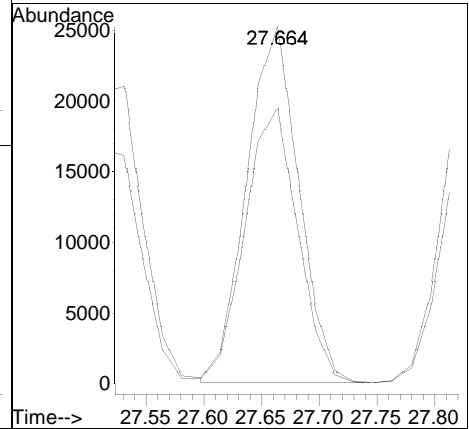
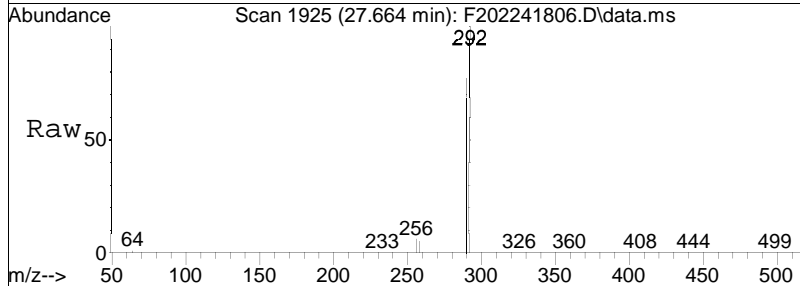
Tgt Ion	Resp	Lower	Upper
256	100		
258	96.4	77.4	116.0

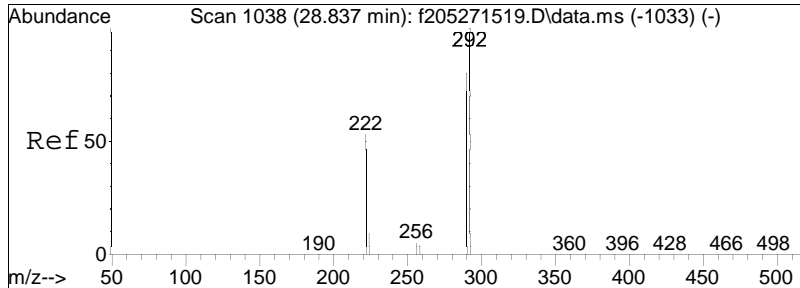




#52
 C14-BZ#52
 Concen: 35.36 ng/mL
 RT: 27.664 min Scan# 1925
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

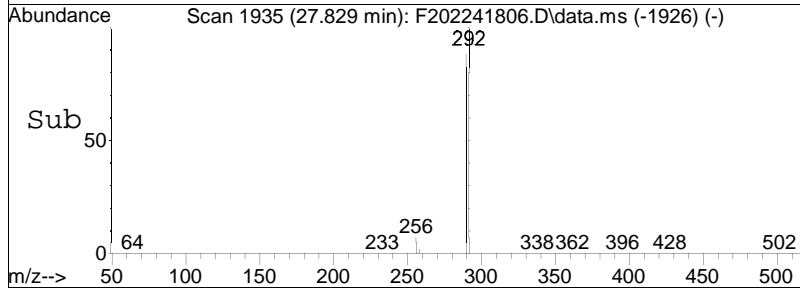
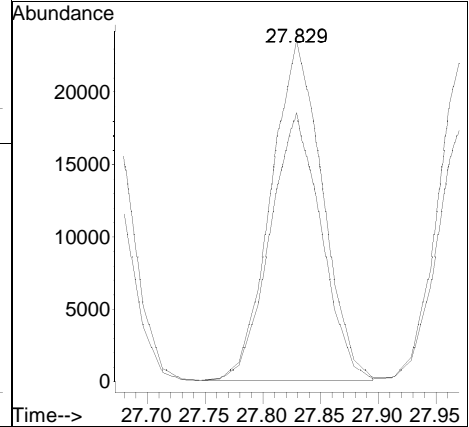
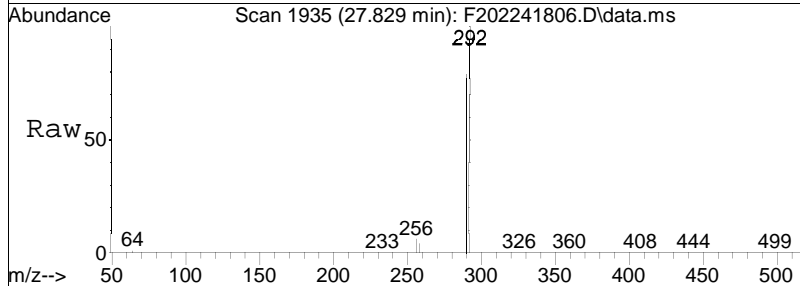
Tgt Ion: 292 Resp: 79097
 Ion Ratio Lower Upper
 292 100
 290 77.3 60.8 91.2

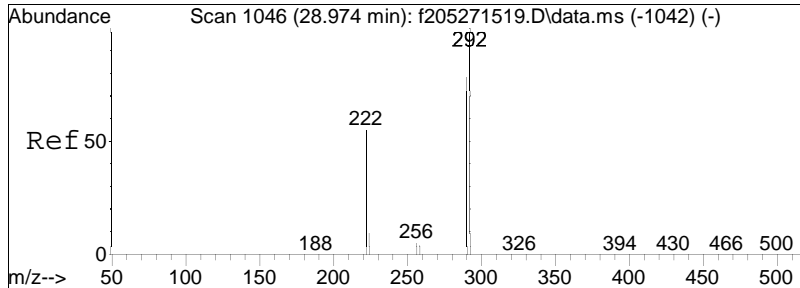




#53
 C14-BZ#48
 Concen: 38.70 ng/mL
 RT: 27.829 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

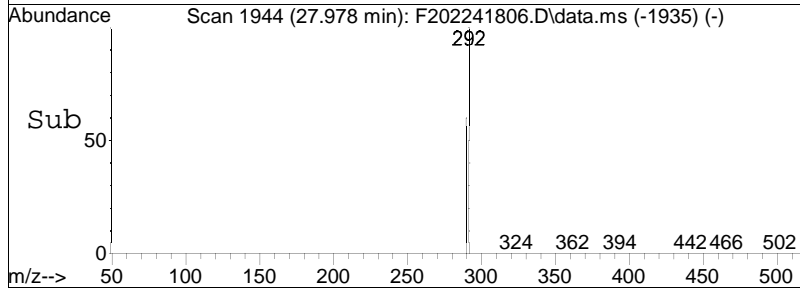
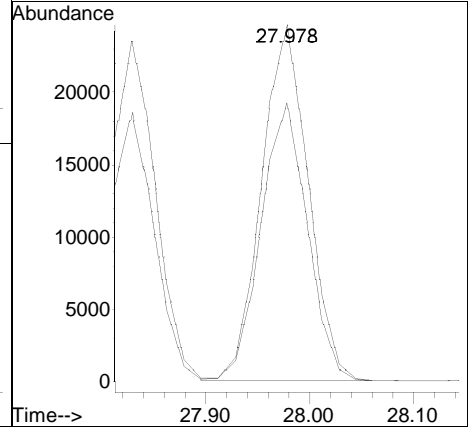
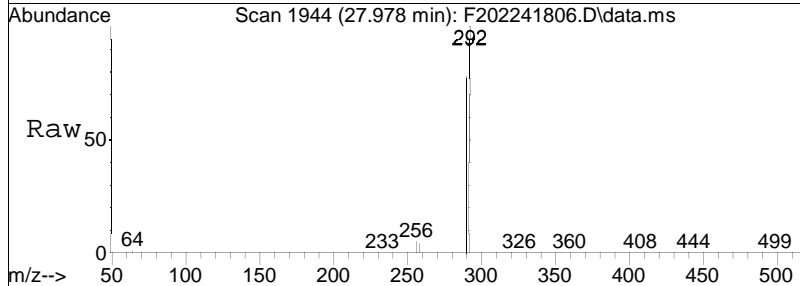
Tgt Ion	Resp	Lower	Upper
292	100		
290	78.9	61.0	91.6

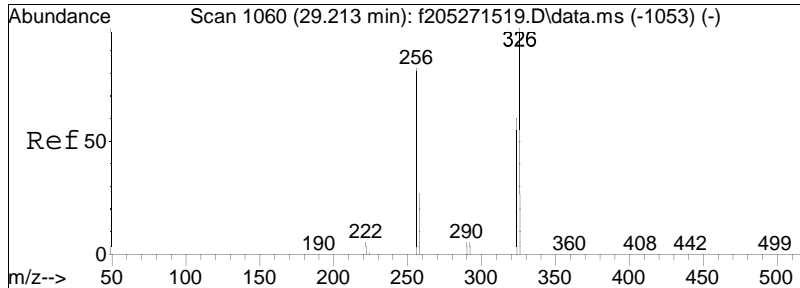




#54
 Cl4-BZ#49
 Concen: 37.26 ng/mL
 RT: 27.978 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

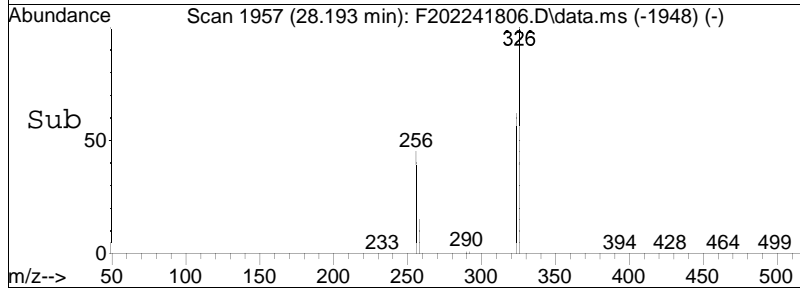
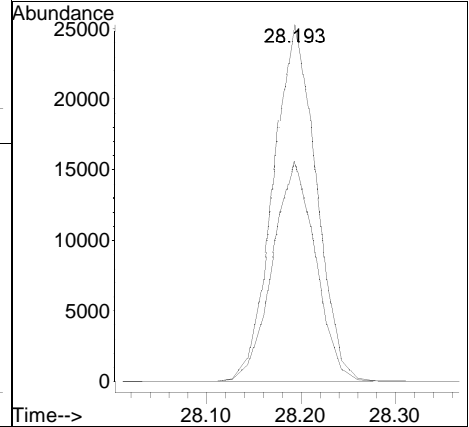
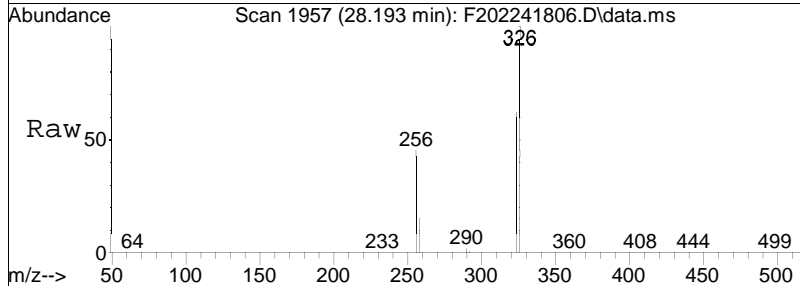
Tgt Ion:	292	Resp:	76192
Ion Ratio	100	Lower	Upper
290	78.1	62.1	93.1

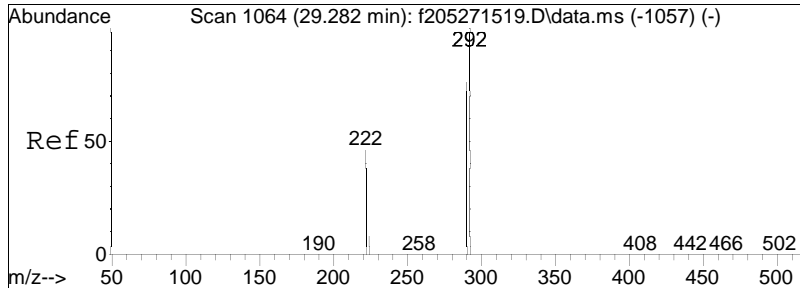




#55
 C15-BZ#104-RTW
 Concen: 35.78 ng/mL
 RT: 28.193 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

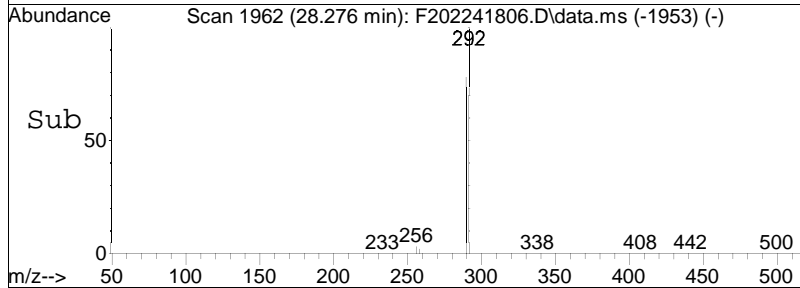
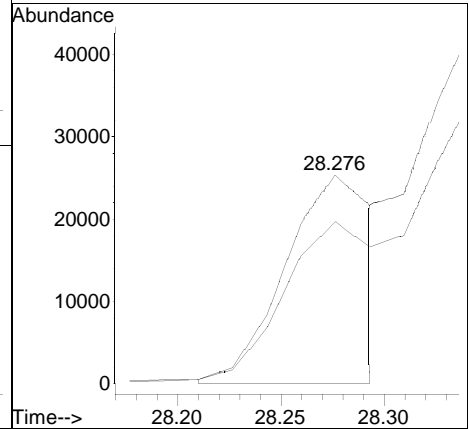
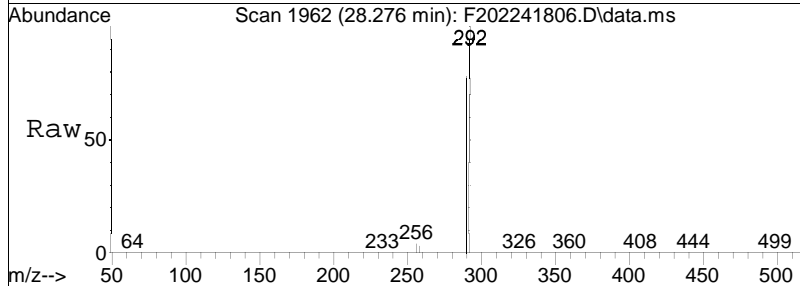
Tgt Ion:	326	Resp:	79355
Ion Ratio	Lower	Upper	
326	100		
324	61.8	48.4	72.6

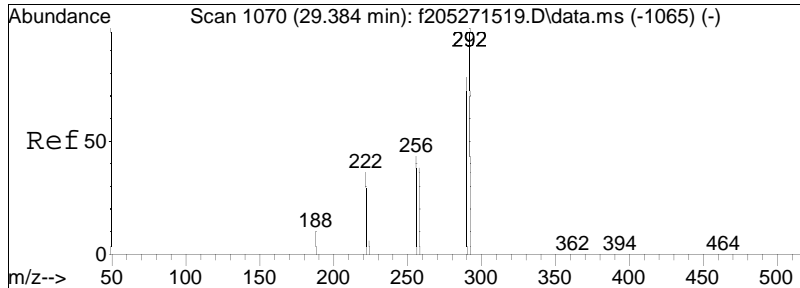




#56
 C14-BZ#47
 Concen: 34.75 ng/mL M3
 RT: 28.276 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

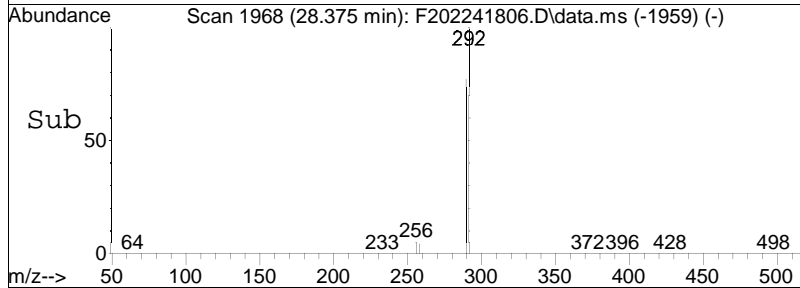
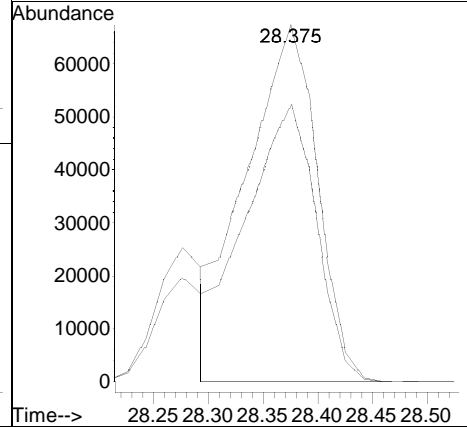
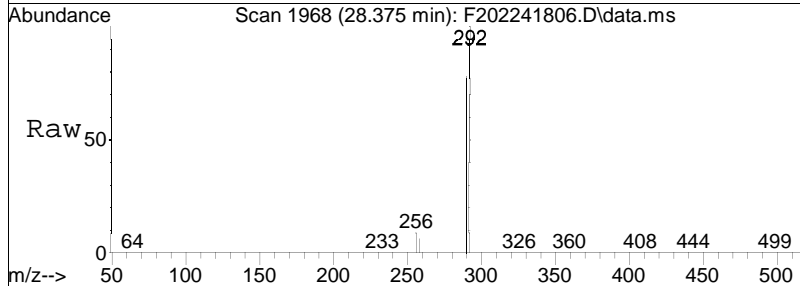
Tgt Ion	Resp	Lower	Upper
292	100		
290	0.0	63.0	94.4#

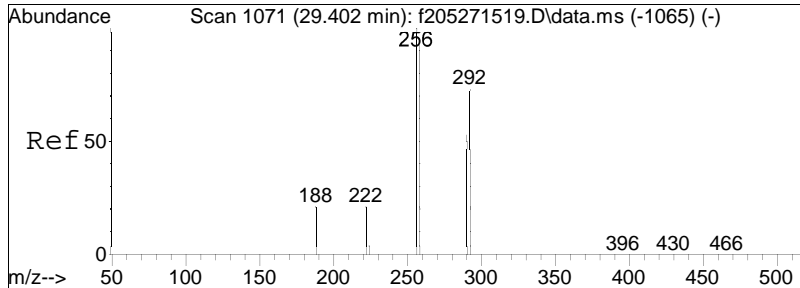




#57
 C14-BZ#65/#75/#62
 Concen: 114.32 ng/mL M3
 RT: 28.375 min Scan# 1968
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

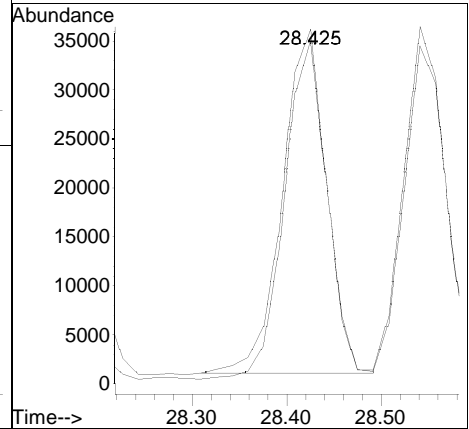
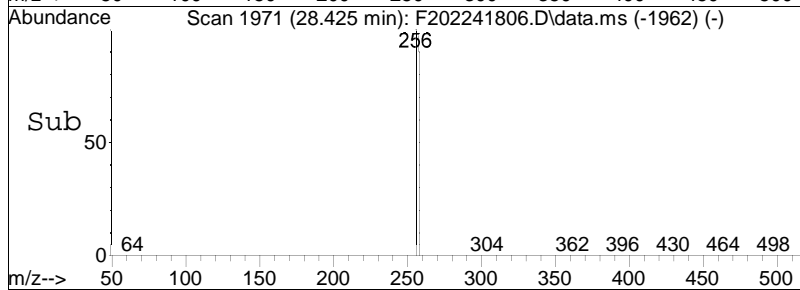
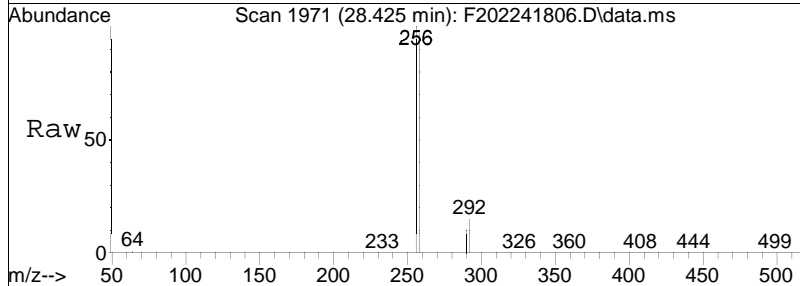
Tgt Ion	Resp	Lower	Upper
292	100		
290	88.9	63.0	94.6

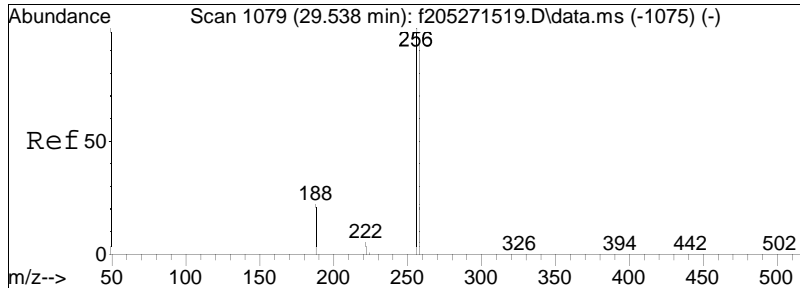




#58
 C13-BZ#39
 Concen: 37.99 ng/mL
 RT: 28.425 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

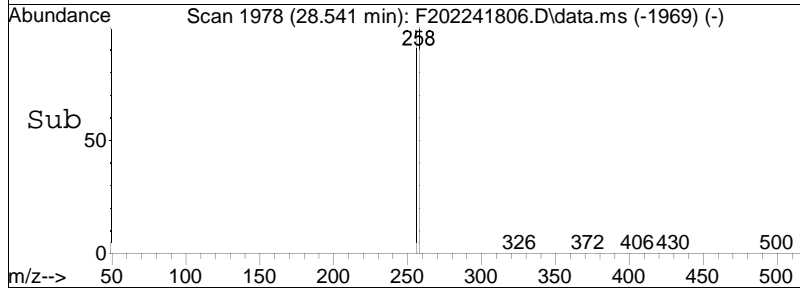
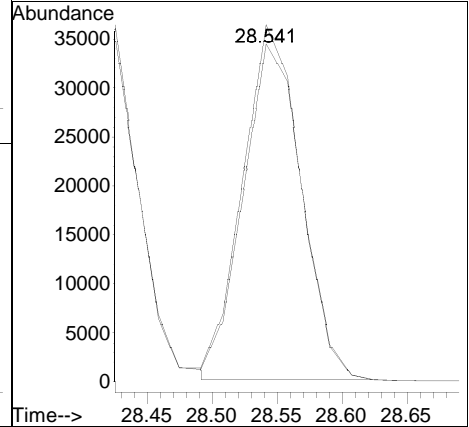
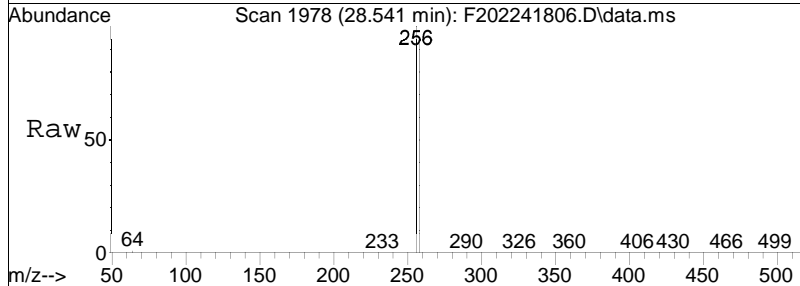
Tgt Ion: 256 Resp: 113139
 Ion Ratio Lower Upper
 256 100
 258 96.4 76.2 114.2

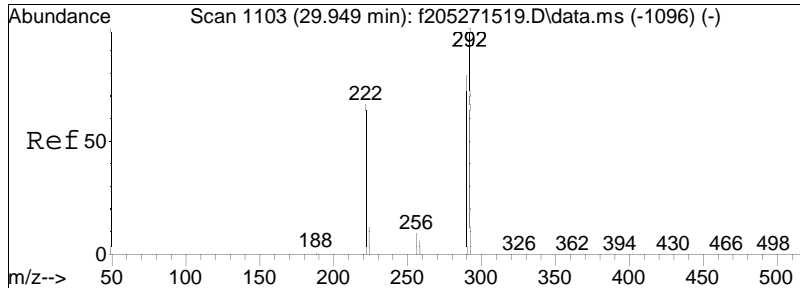




#59
 C13-BZ#38
 Concen: 38.32 ng/mL
 RT: 28.541 min Scan# 1978
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

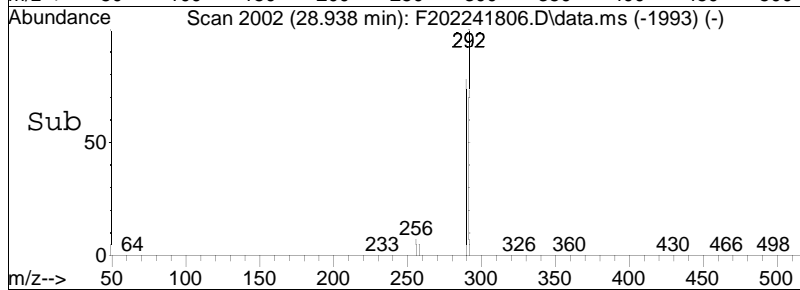
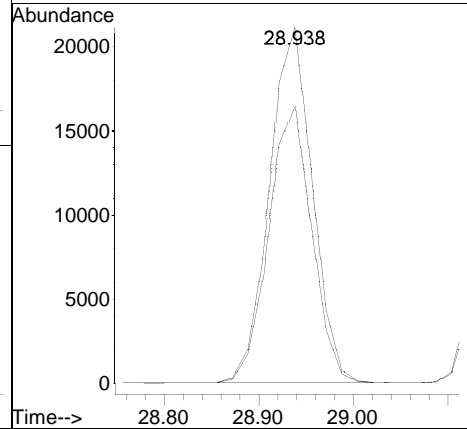
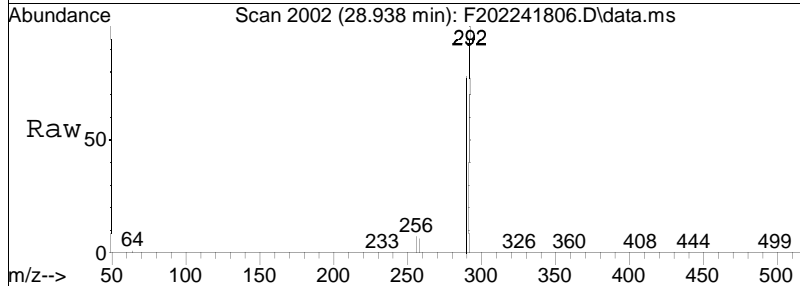
Tgt Ion	Resp	Ion Ratio	Lower	Upper
256	112330	100		
258	96.0	74.9	112.3	

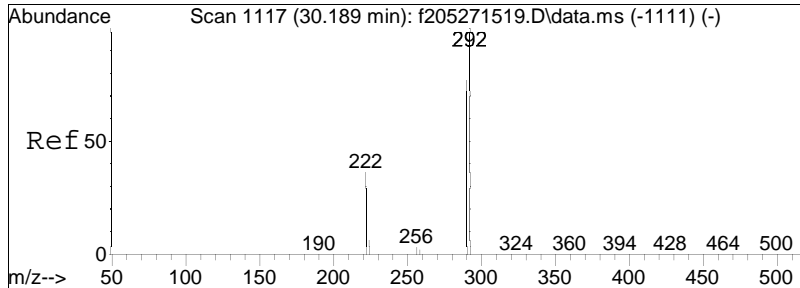




#60
 C14-BZ#44
 Concen: 36.90 ng/mL
 RT: 28.938 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

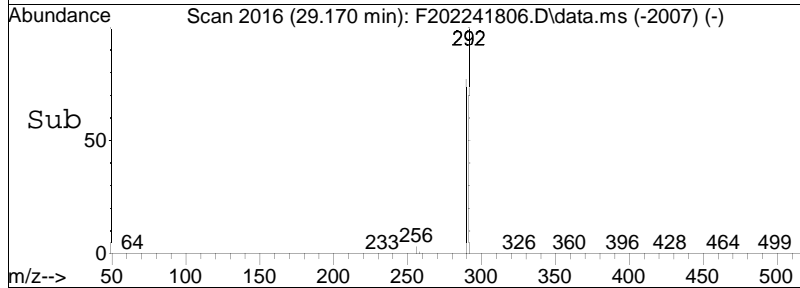
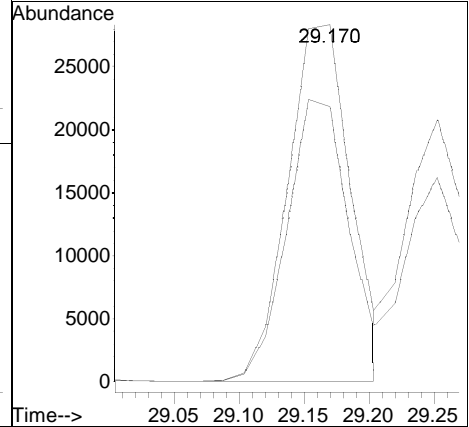
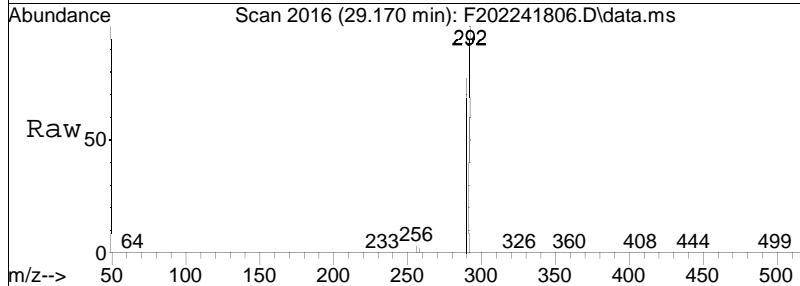
Tgt Ion: 292 Resp: 66316
 Ion Ratio Lower Upper
 292 100
 290 77.7 63.1 94.7

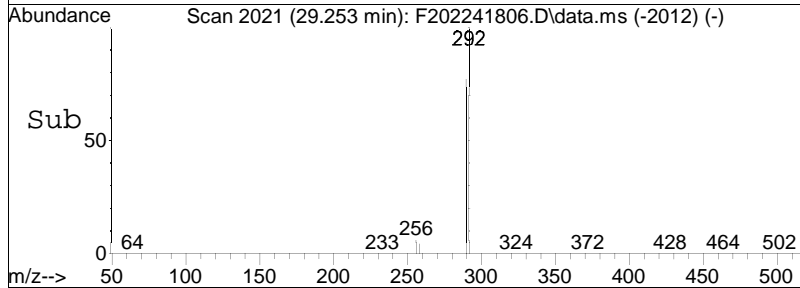
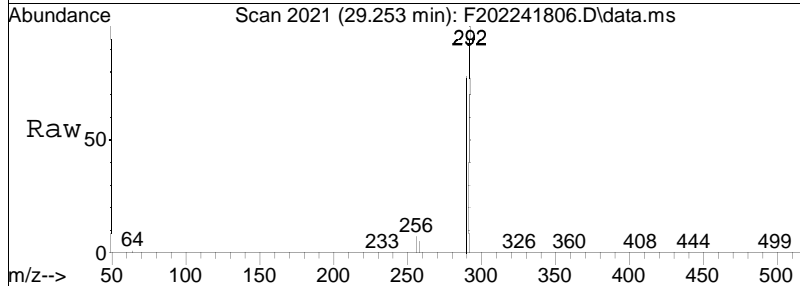
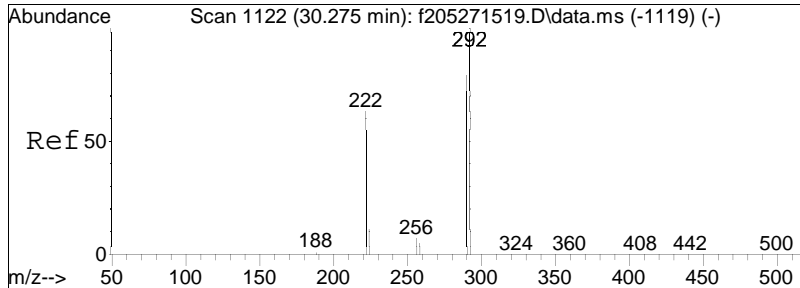




#61
 C14-BZ#59
 Concen: 36.73 ng/mL
 RT: 29.170 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

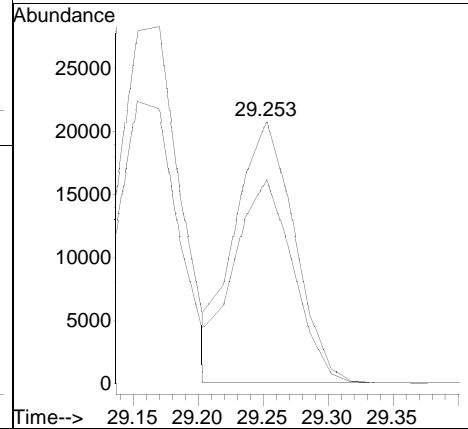
Tgt Ion: 292 Resp: 95600
 Ion Ratio Lower Upper
 292 100
 290 78.5 64.0 96.0

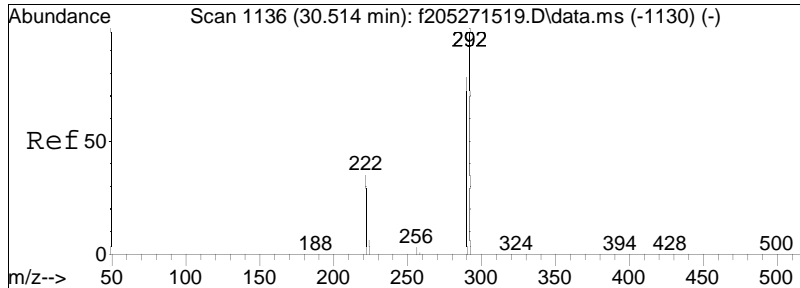




#62
 C14-BZ#42
 Concen: 38.38 ng/mL
 RT: 29.253 min Scan# 2021
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

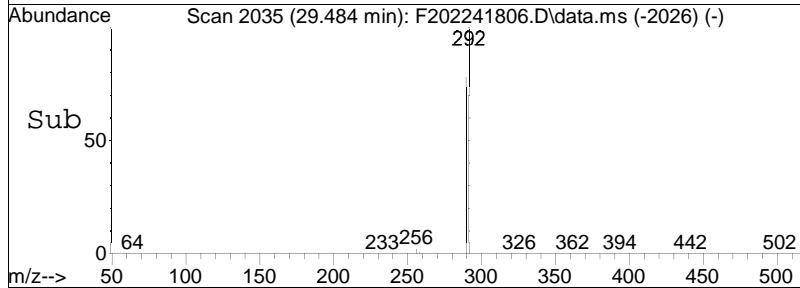
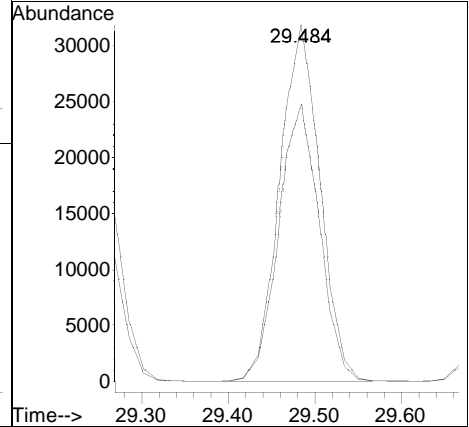
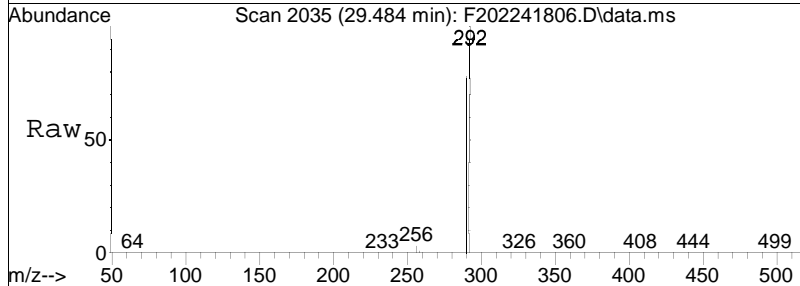
Tgt Ion: 292 Resp: 65609
 Ion Ratio Lower Upper
 292 100
 290 77.8 64.3 96.5

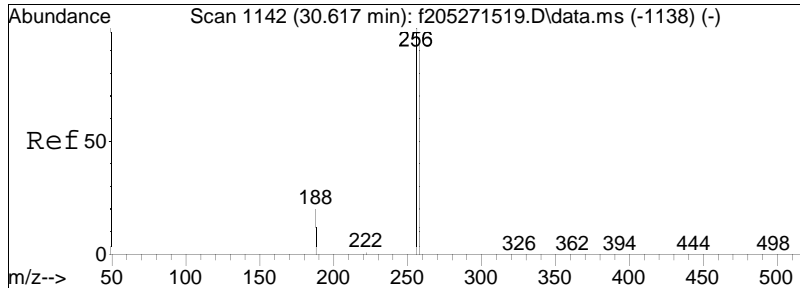




#63
 C14-BZ#71
 Concen: 36.65 ng/mL
 RT: 29.484 min Scan# 2035
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

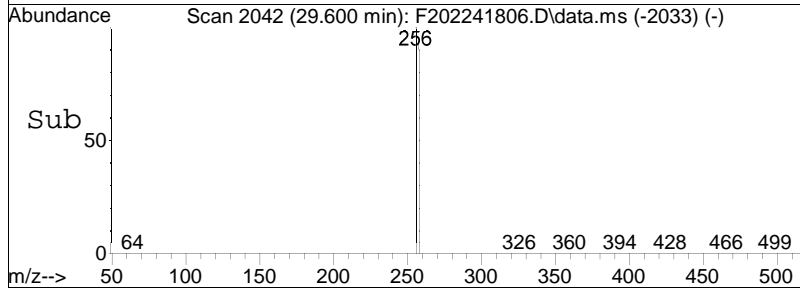
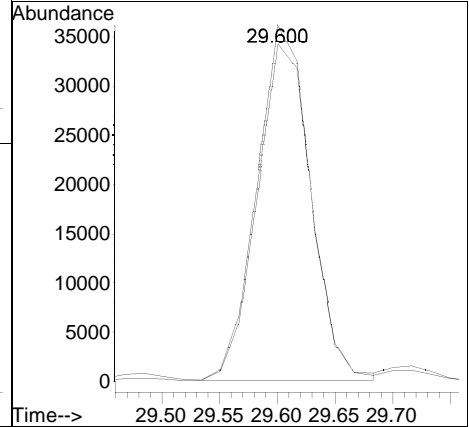
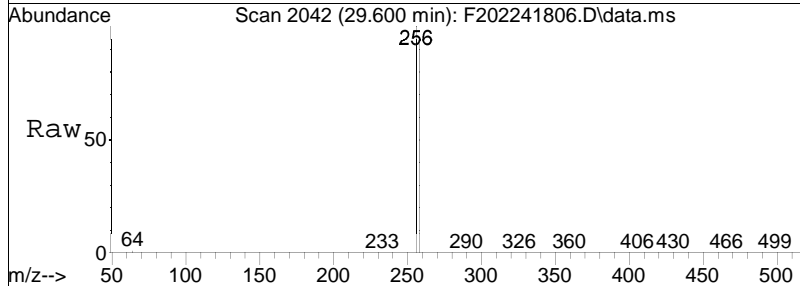
Tgt Ion: 292 Resp: 102165
 Ion Ratio Lower Upper
 292 100
 290 78.4 62.8 94.2

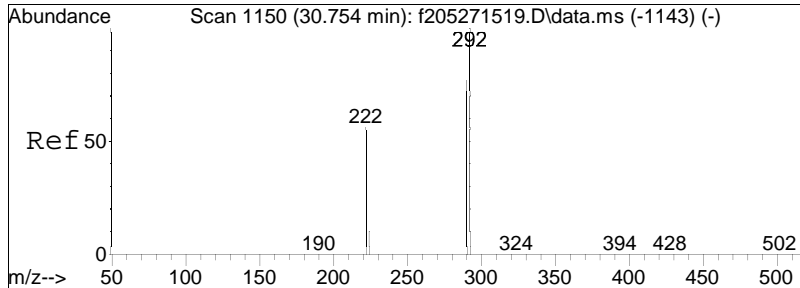




#64
 C13-BZ#35
 Concen: 40.00 ng/mL
 RT: 29.600 min Scan# 2042
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

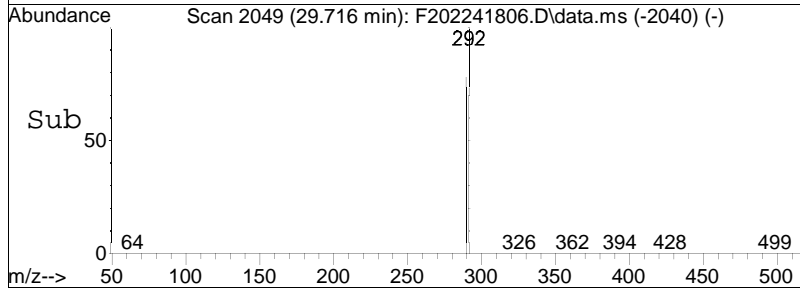
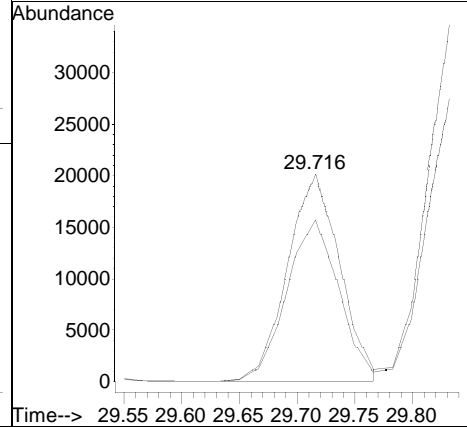
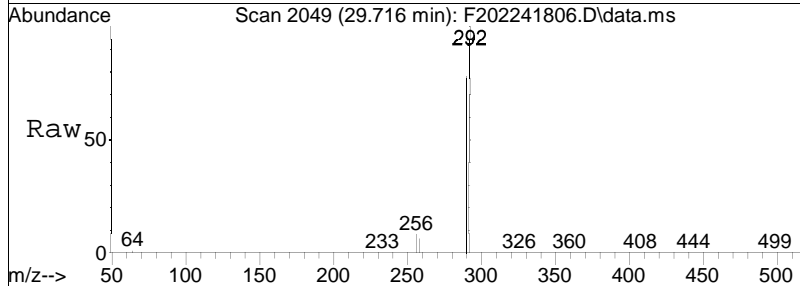
Tgt Ion	Resp	Lower	Upper
256	100		
258	96.2	77.2	115.8

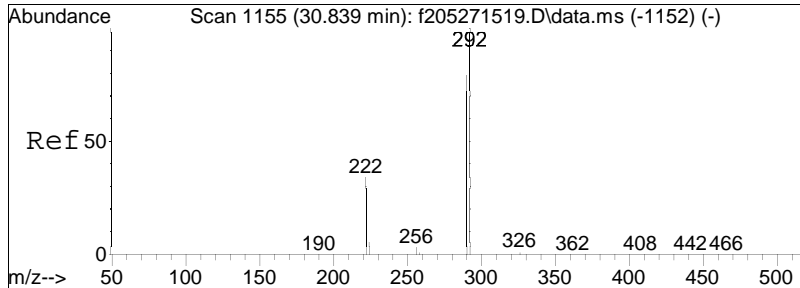




#65
 C14-BZ#41
 Concen: 38.73 ng/mL
 RT: 29.716 min Scan# 2049
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

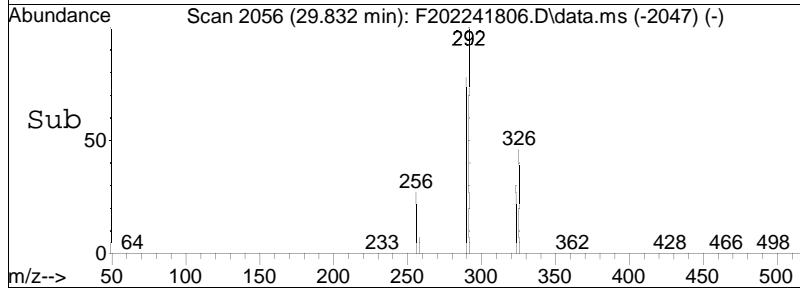
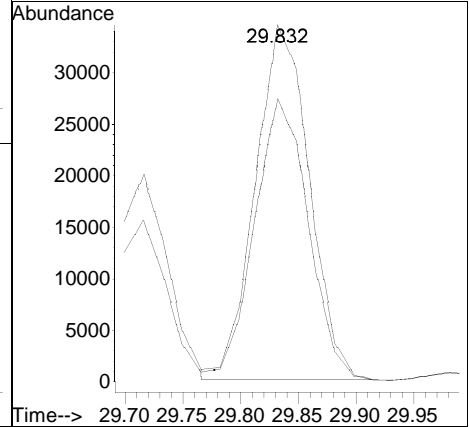
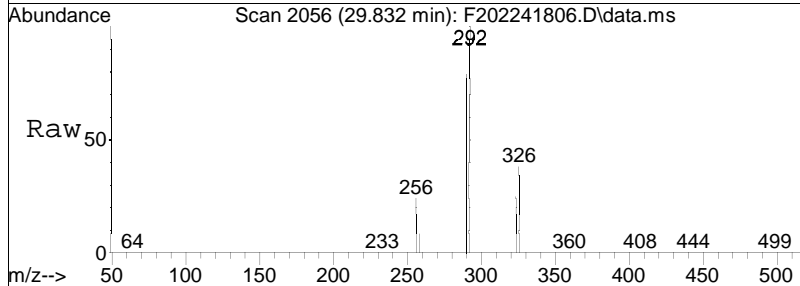
Tgt Ion	Resp	Lower	Upper
292	100		
290	78.2	63.0	94.4

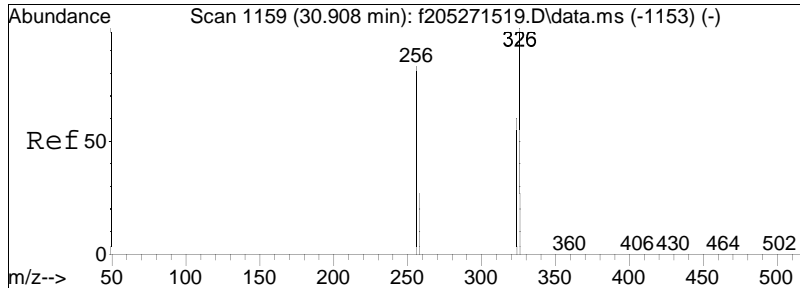




#66
 C14-BZ#72
 Concen: 38.74 ng/mL
 RT: 29.832 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

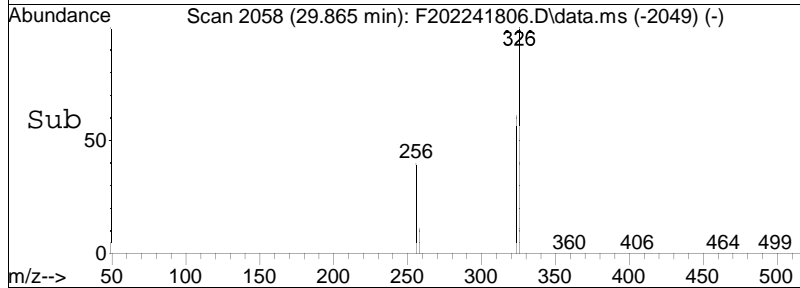
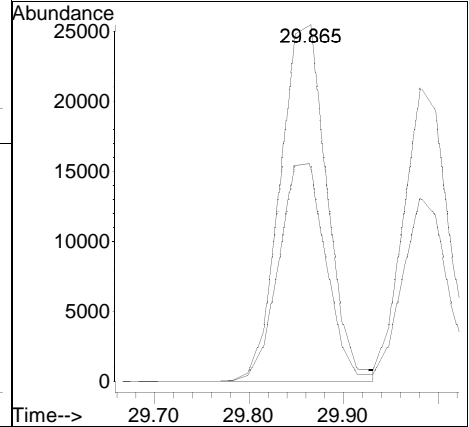
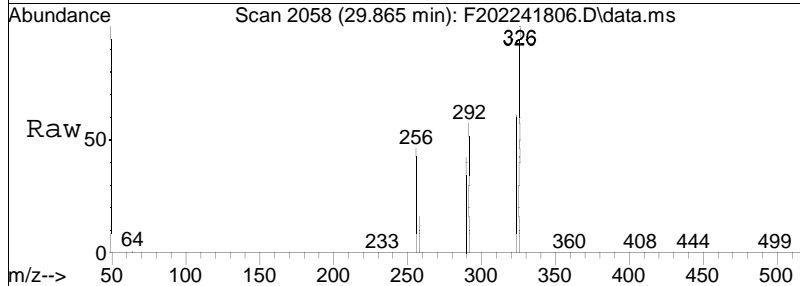
Tgt Ion: 292 Resp: 111735
 Ion Ratio Lower Upper
 292 100
 290 78.9 62.6 93.8

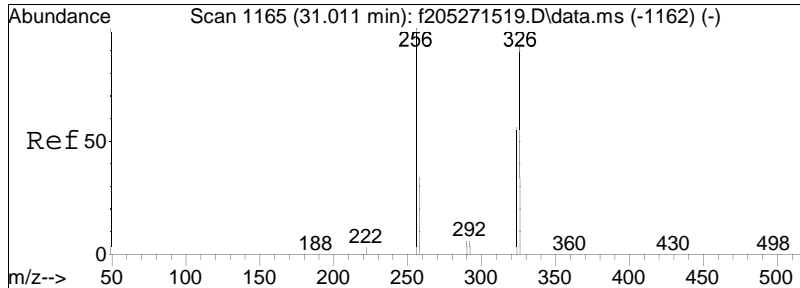




#67
 C15-BZ#96
 Concen: 36.62 ng/mL
 RT: 29.865 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

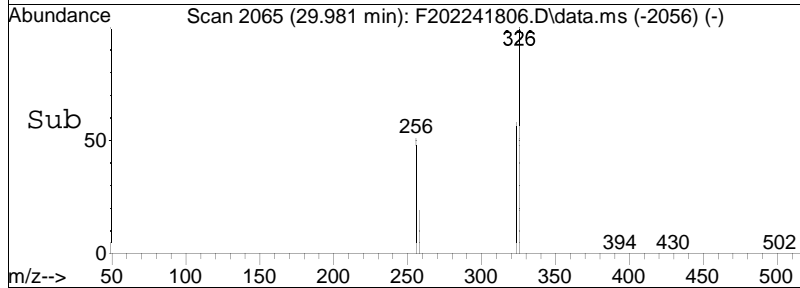
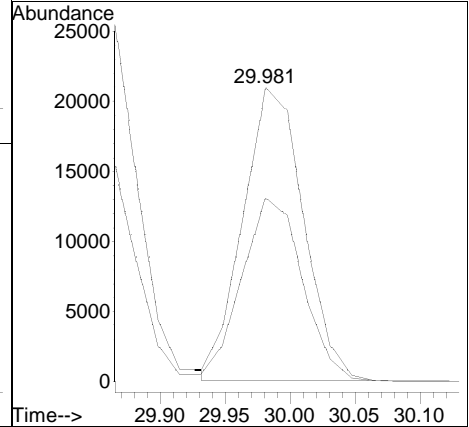
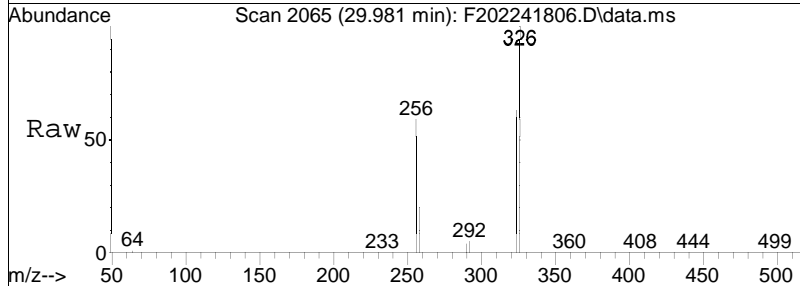
Tgt Ion: 326 Resp: 87513
 Ion Ratio Lower Upper
 326 100
 324 61.3 47.2 70.8

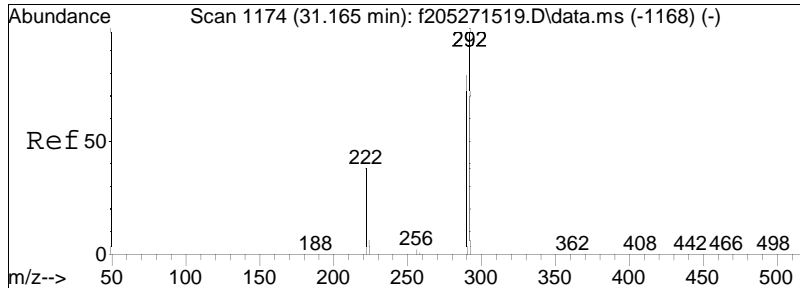




#68
 C15-BZ#103
 Concen: 39.58 ng/mL
 RT: 29.981 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

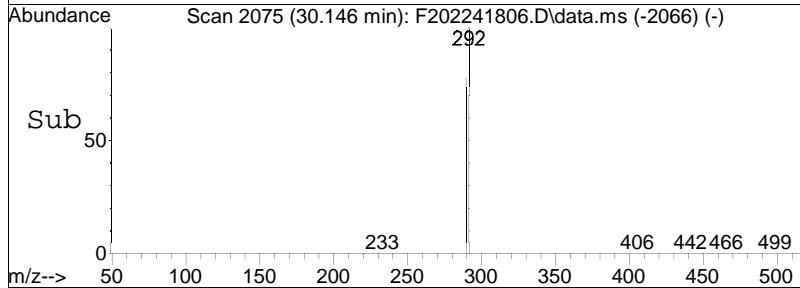
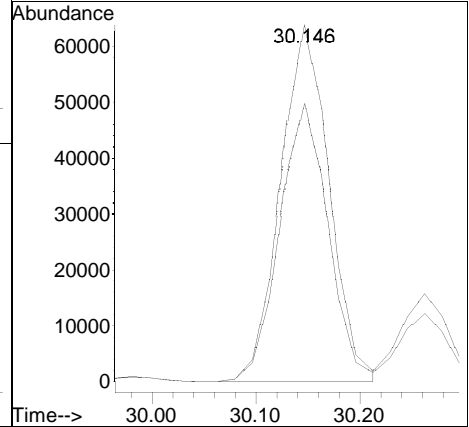
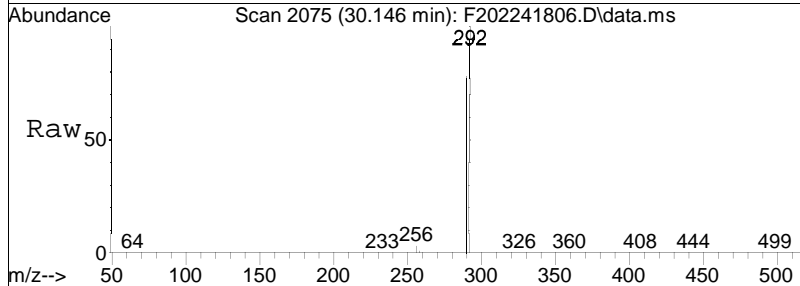
Tgt Ion: 326 Resp: 67383
 Ion Ratio Lower Upper
 326 100
 324 62.9 51.6 77.4

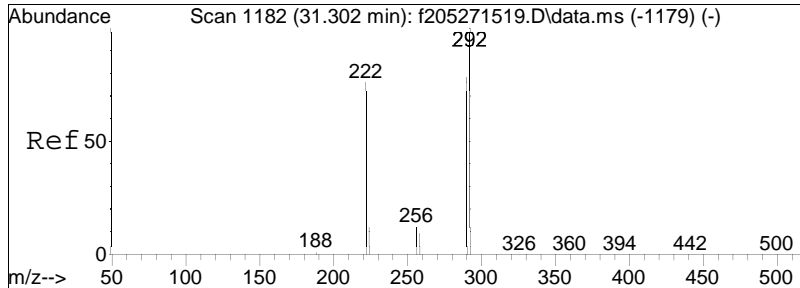




#69
 C14-BZ#68/#64
 Concen: 77.26 ng/mL
 RT: 30.146 min Scan# 2075
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

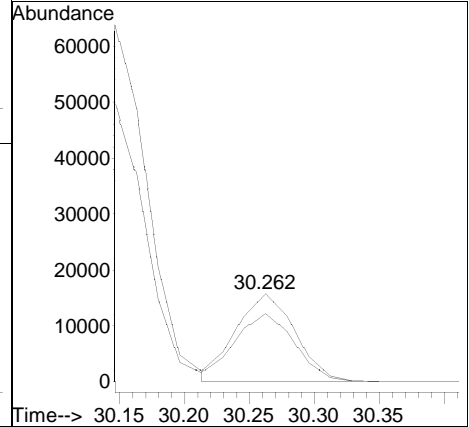
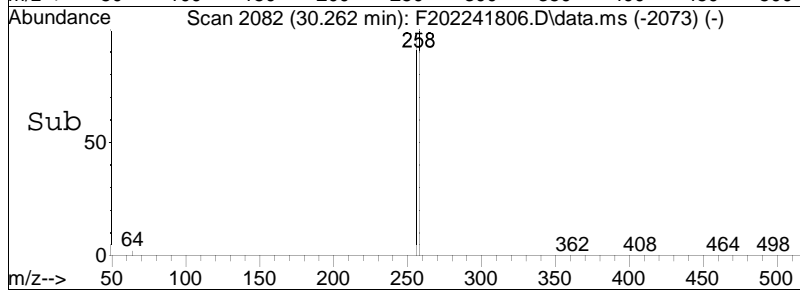
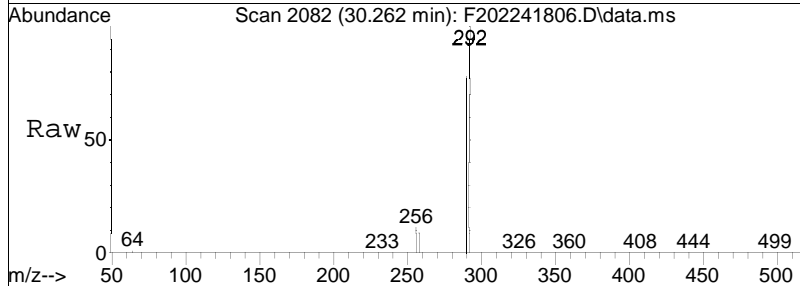
Tgt Ion: 292 Resp: 206439
 Ion Ratio Lower Upper
 292 100
 290 77.9 61.7 92.5

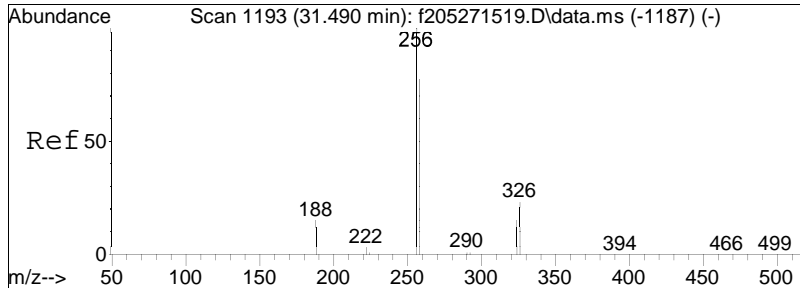




#70
 C14-BZ#40
 Concen: 37.87 ng/mL
 RT: 30.262 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

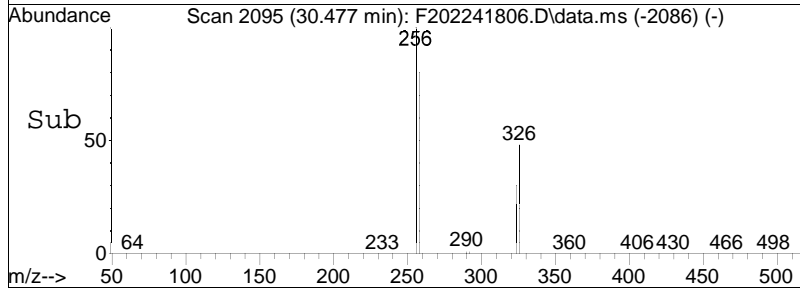
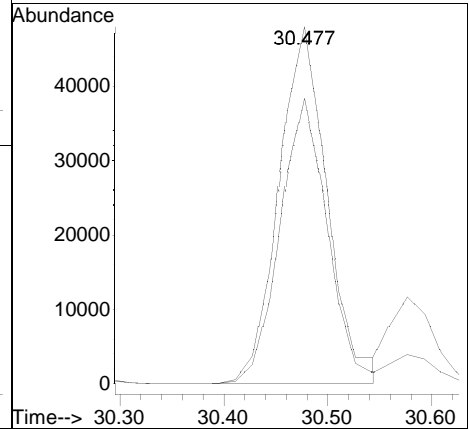
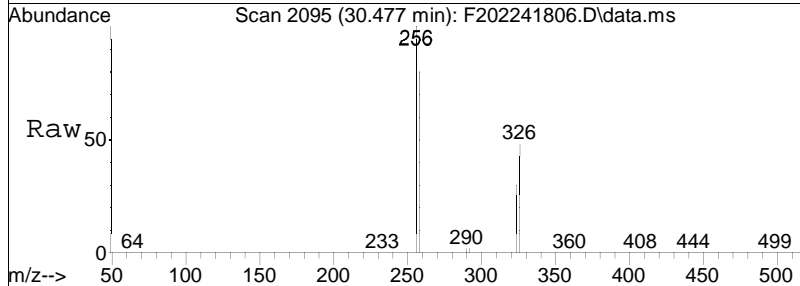
Tgt Ion: 292 Resp: 49049
 Ion Ratio Lower Upper
 292 100
 290 78.2 63.8 95.6

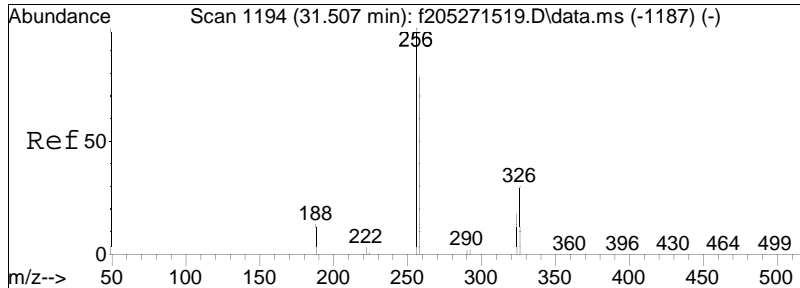




#71
 C13-BZ#37-RTW
 Concen: 40.58 ng/mL
 RT: 30.477 min Scan# 2095
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

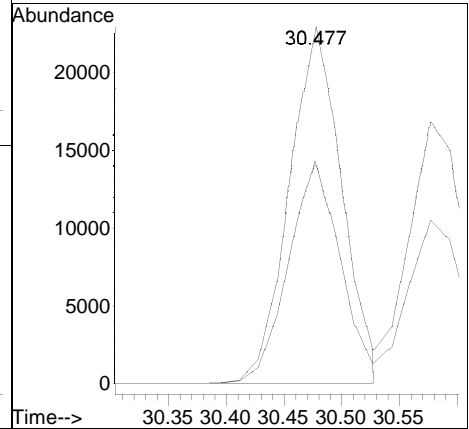
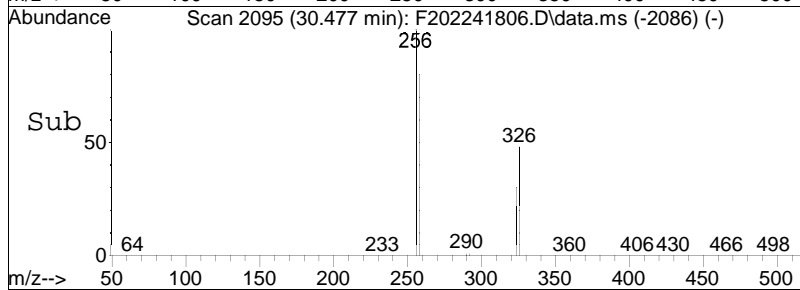
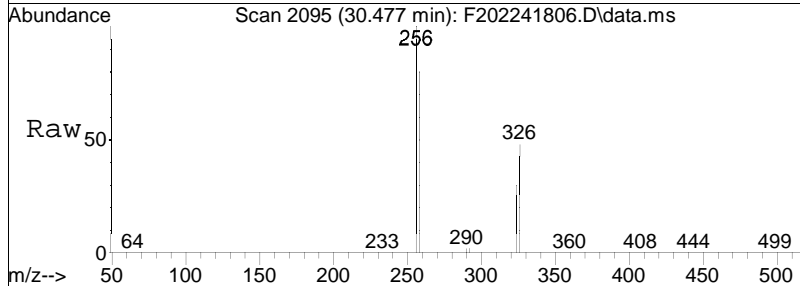
Tgt Ion	Resp	Lower	Upper
256	100		
258	79.9	63.5	95.3

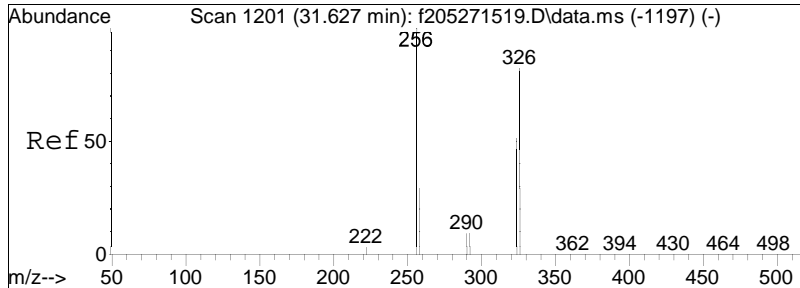




#72
 C15-BZ#100
 Concen: 37.61 ng/mL
 RT: 30.477 min Scan# 2095
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

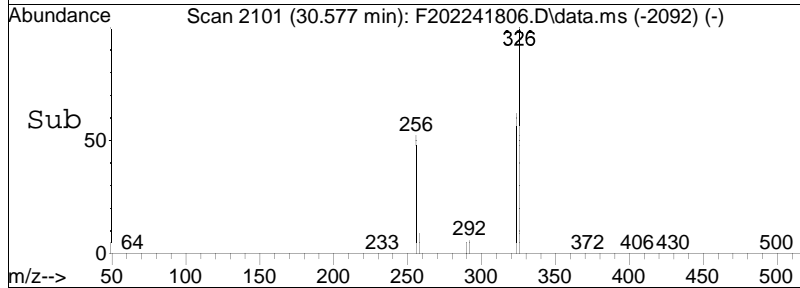
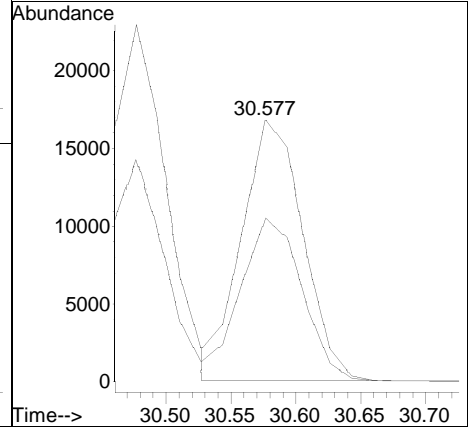
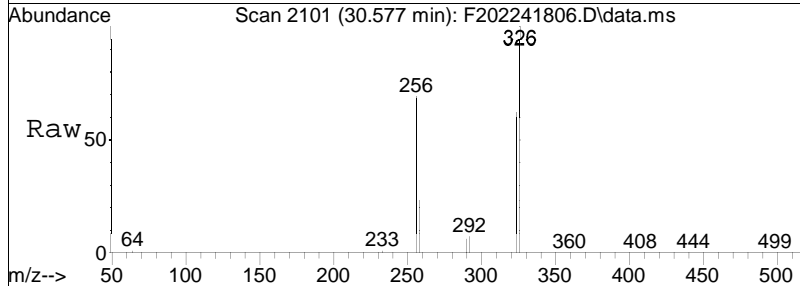
Tgt Ion	Resp	Lower	Upper
326	72522		
324	61.6	48.6	73.0

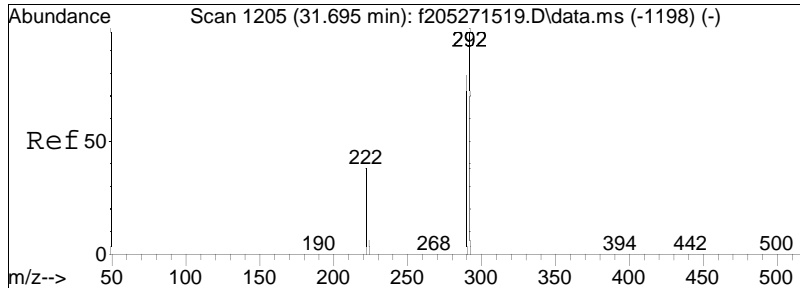




#73
 C15-BZ#94
 Concen: 37.05 ng/mL
 RT: 30.577 min Scan# 2101
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

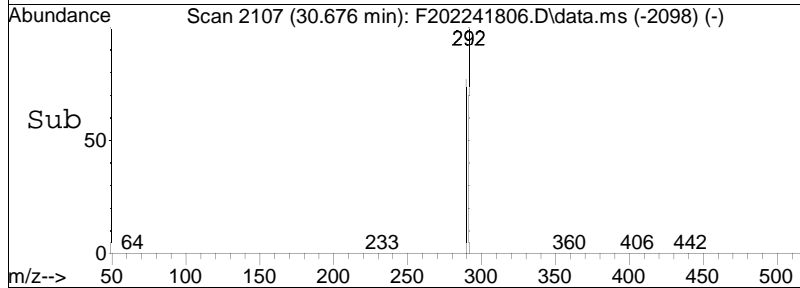
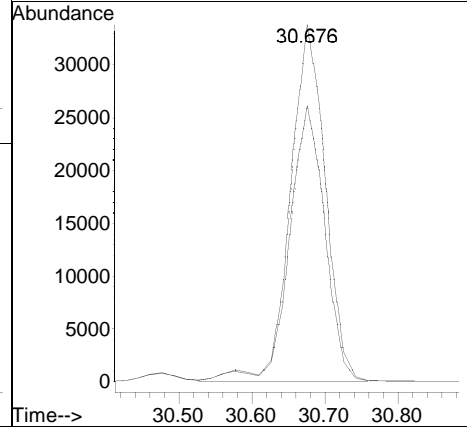
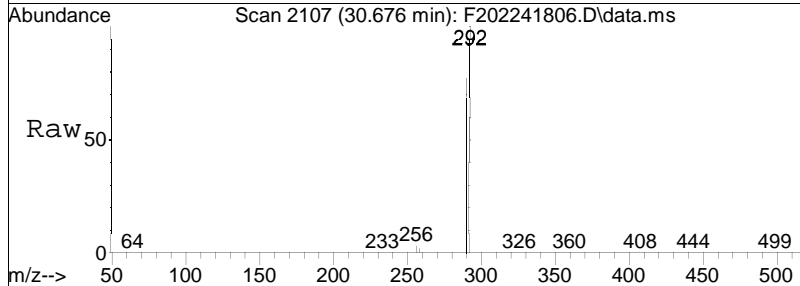
Tgt Ion: 326 Resp: 54635
 Ion Ratio Lower Upper
 326 100
 324 62.3 49.7 74.5

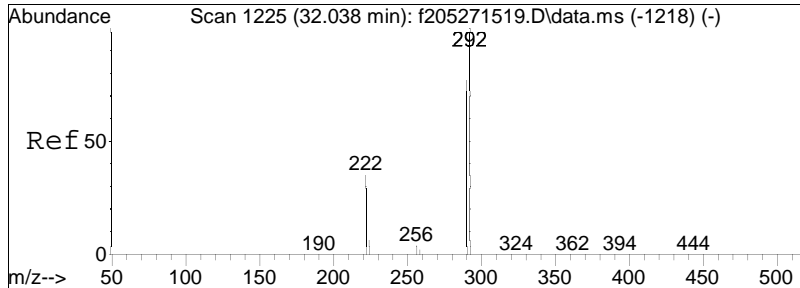




#74
 C14-BZ#57
 Concen: 38.87 ng/mL M4
 RT: 30.676 min Scan# 2107
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

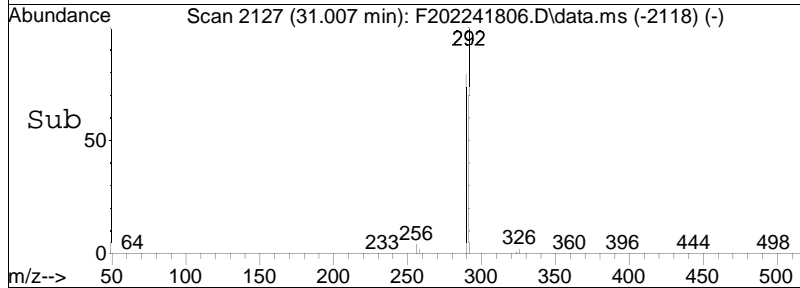
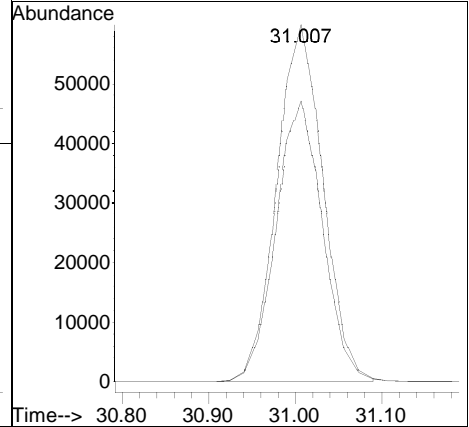
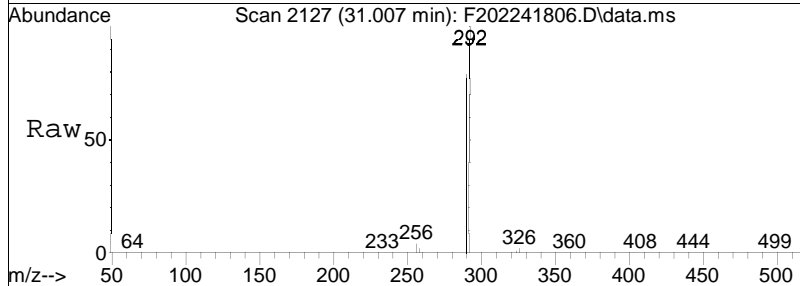
Tgt Ion: 292 Resp: 111752
 Ion Ratio Lower Upper
 292 100
 290 76.6 63.9 95.9

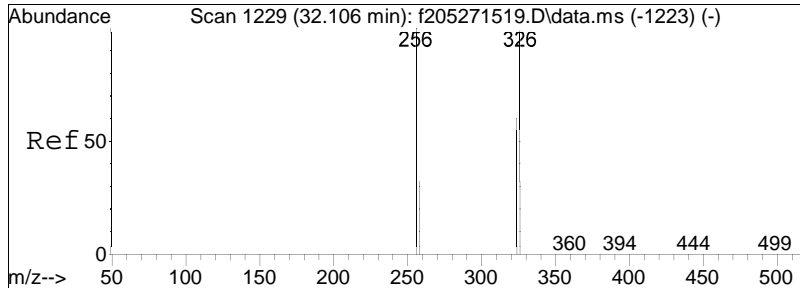




#75
 C14-BZ#67/#58
 Concen: 77.07 ng/mL
 RT: 31.007 min Scan# 2127
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

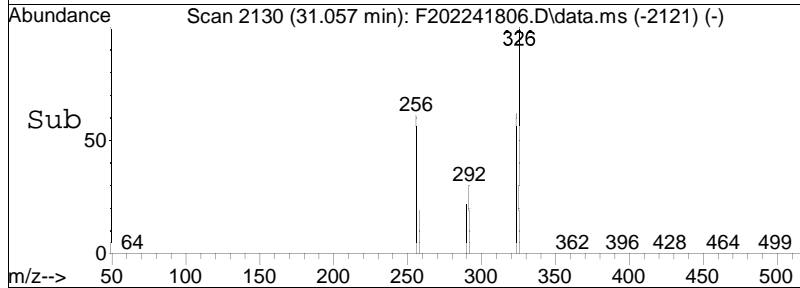
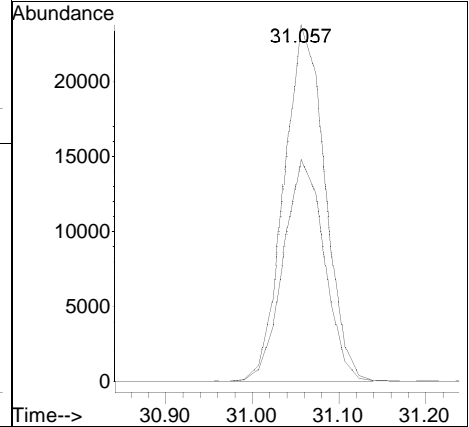
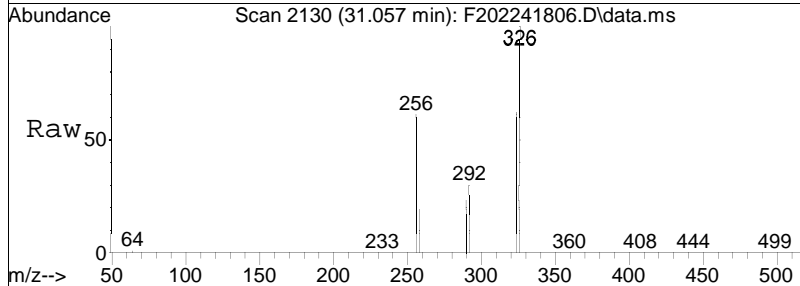
Tgt Ion: 292 Resp: 221792
 Ion Ratio Lower Upper
 292 100
 290 78.7 62.3 93.5

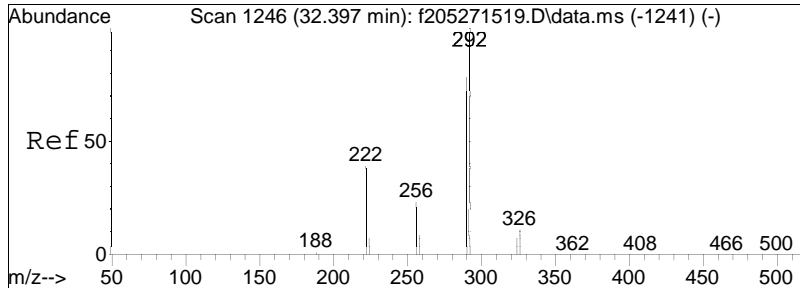




#76
 C15-BZ#102
 Concen: 36.36 ng/mL
 RT: 31.057 min Scan# 2130
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

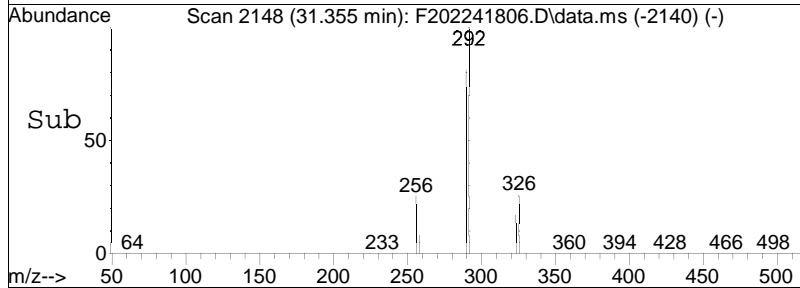
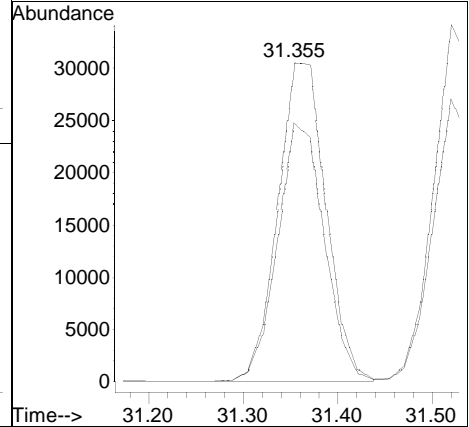
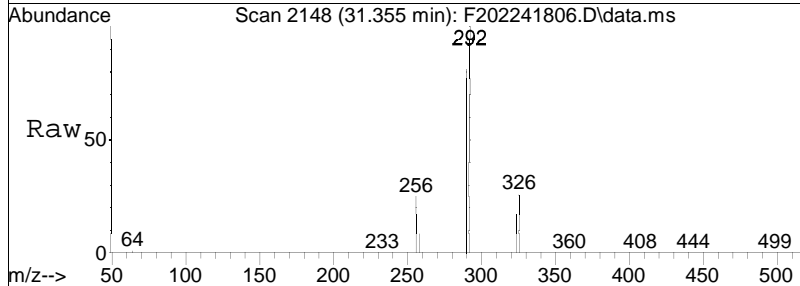
Tgt Ion	Resp	Lower	Upper
326	100		
324	62.4	49.8	74.8

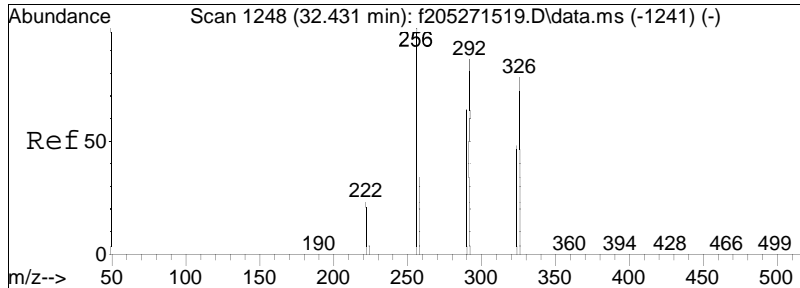




#77
 C14-BZ#61
 Concen: 38.10 ng/mL
 RT: 31.355 min Scan# 2148
 Delta R.T. -0.016 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

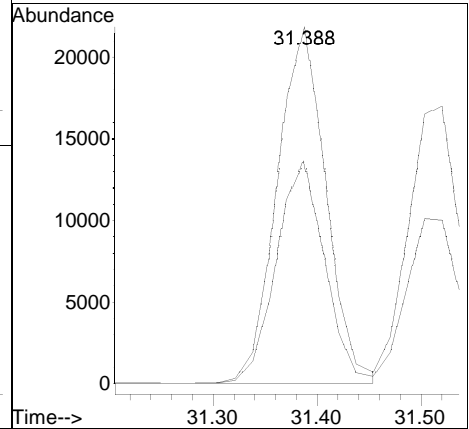
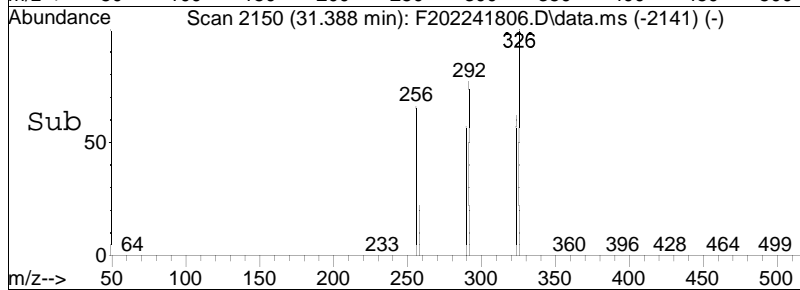
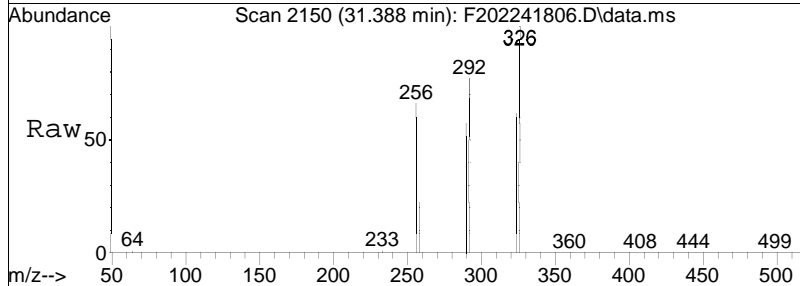
Tgt Ion: 292 Resp: 107463
 Ion Ratio Lower Upper
 292 100
 290 78.9 61.5 92.3

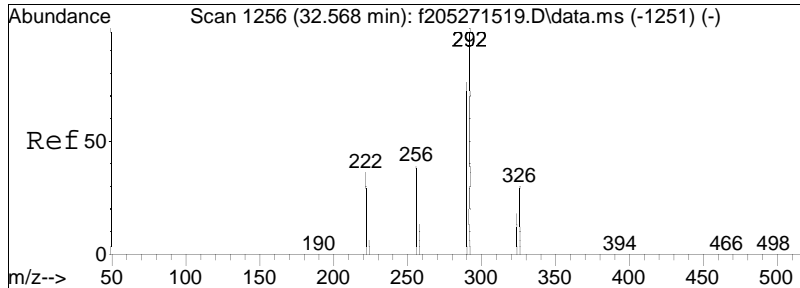




#78
 C15-BZ#98
 Concen: 37.31 ng/mL
 RT: 31.388 min Scan# 2150
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

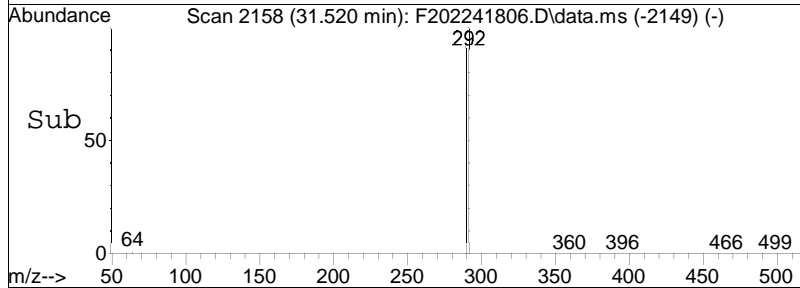
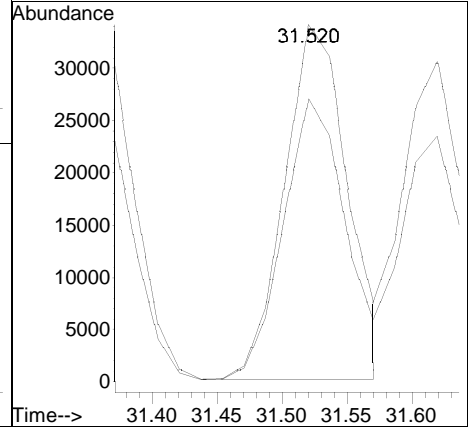
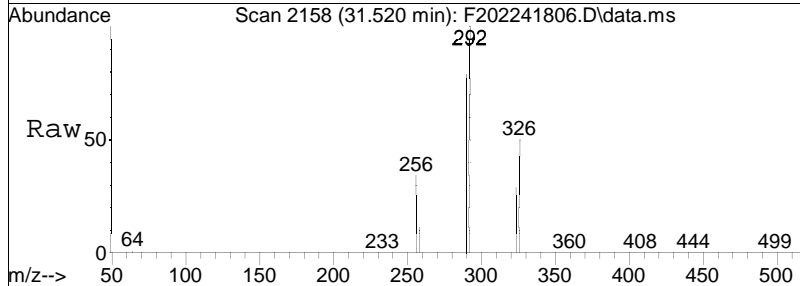
Tgt Ion:	326	Resp:	71006
Ion Ratio	Lower	Upper	
326	100		
324	61.9	50.2	75.2

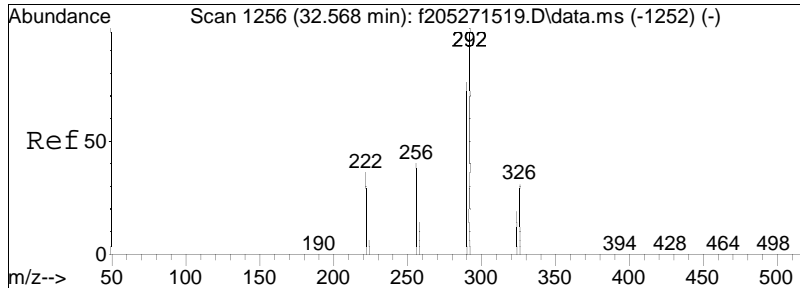




#79
 C14-BZ#76
 Concen: 37.27 ng/mL
 RT: 31.520 min Scan# 2158
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

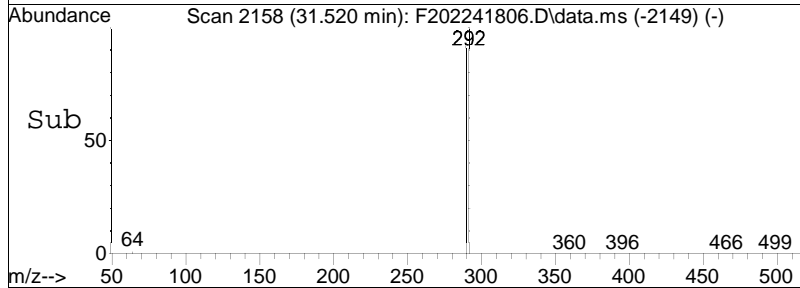
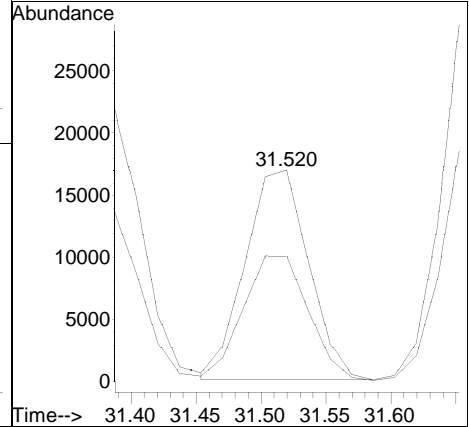
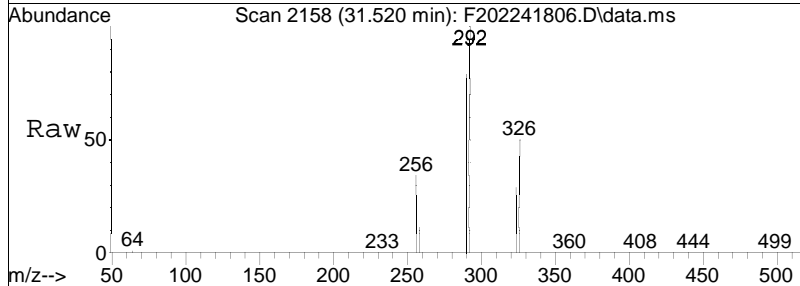
Tgt Ion: 292 Resp: 115360
 Ion Ratio Lower Upper
 292 100
 290 78.7 62.2 93.2

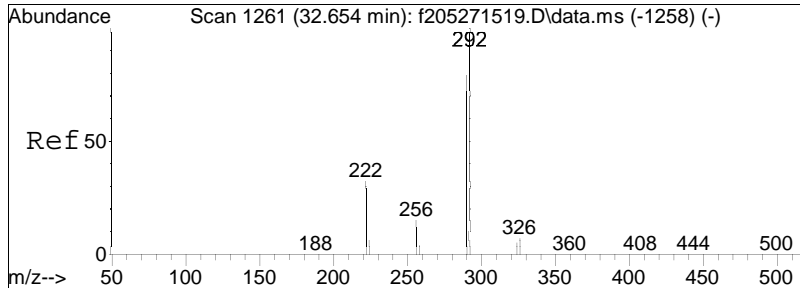




#80
 C15-BZ#93
 Concen: 36.67 ng/mL
 RT: 31.520 min Scan# 2158
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

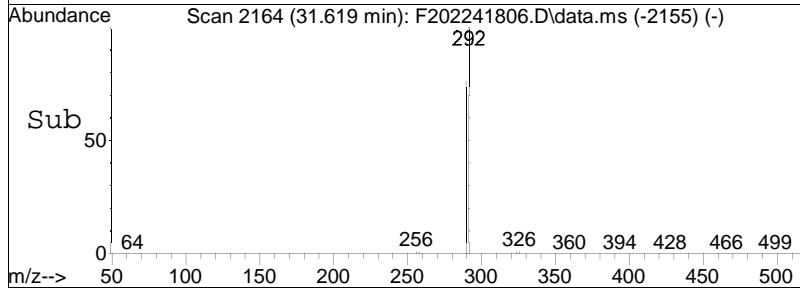
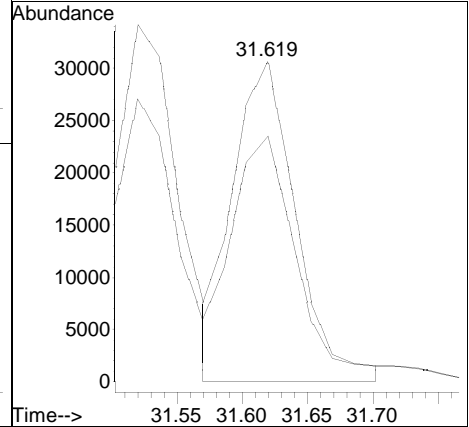
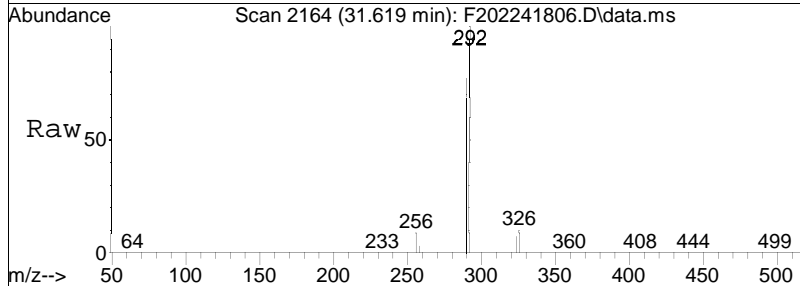
Tgt Ion: 326 Resp: 57208
 Ion Ratio Lower Upper
 326 100
 324 61.1 49.8 74.6

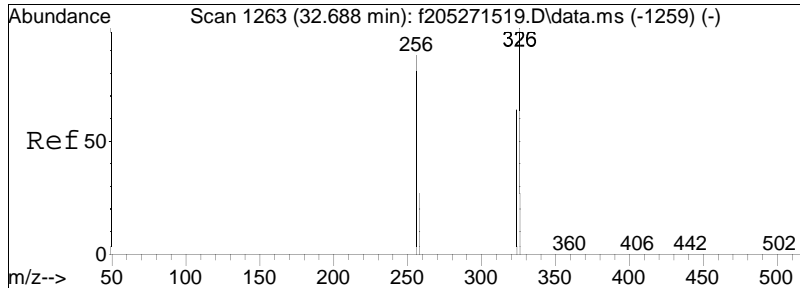




#81
 C14-BZ#63
 Concen: 37.86 ng/mL M4
 RT: 31.619 min Scan# 2164
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

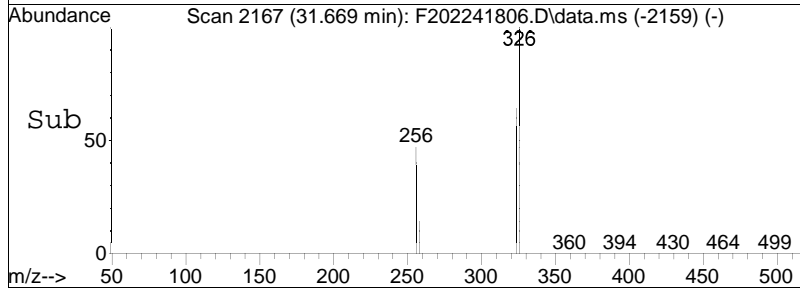
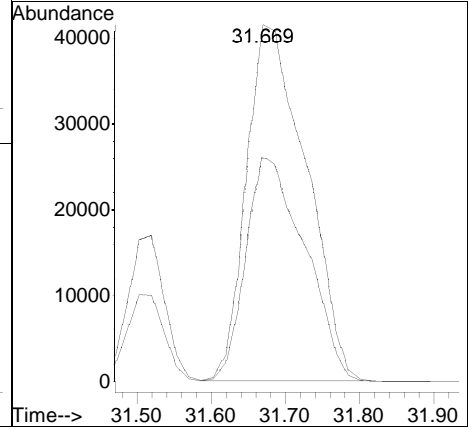
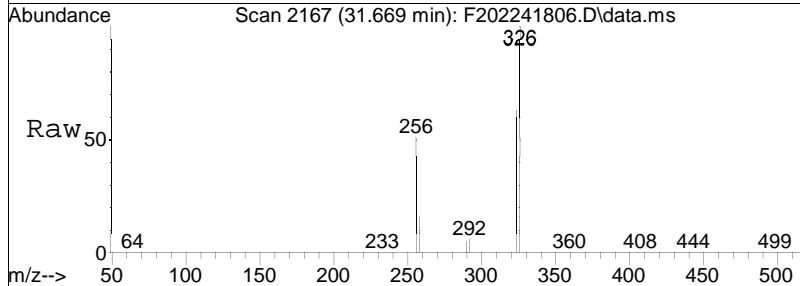
Tgt Ion: 292 Resp: 102595
 Ion Ratio Lower Upper
 292 100
 290 76.6 61.7 92.5

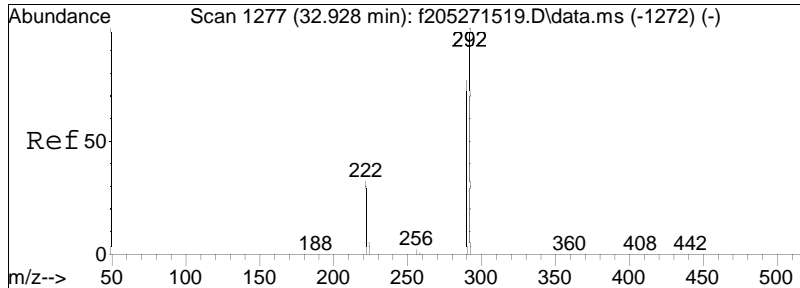




#82
 C15-BZ#121/#95/#88
 Concen: 112.67 ng/mL
 RT: 31.669 min Scan# 2167
 Delta R.T. -0.016 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

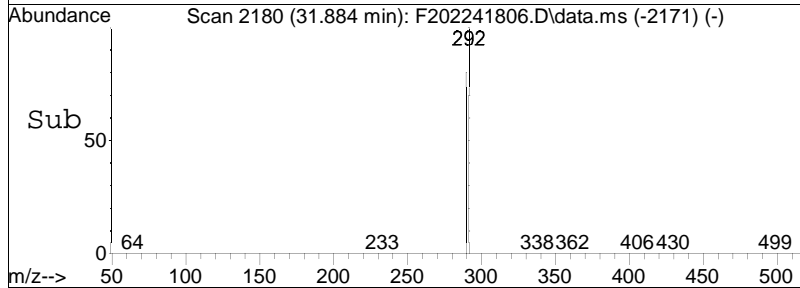
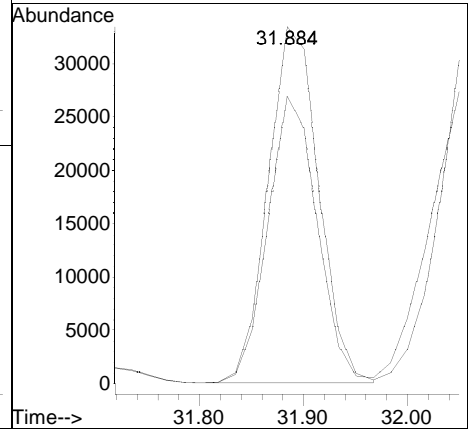
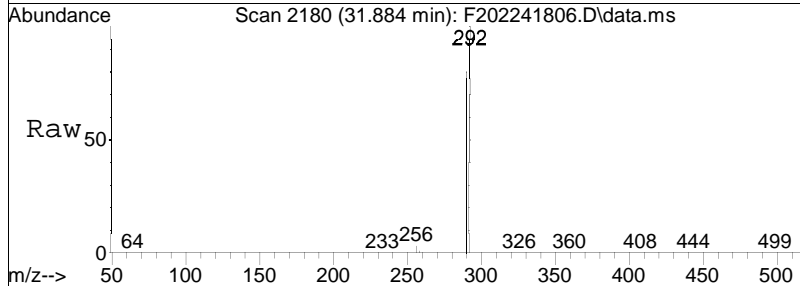
Tgt Ion	Resp	Lower	Upper
326	100		
324	62.3	49.4	74.2

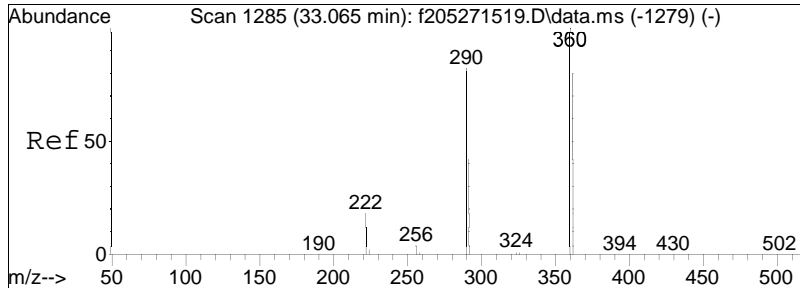




#83
 C14-BZ#74
 Concen: 38.54 ng/mL
 RT: 31.884 min Scan# 2180
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

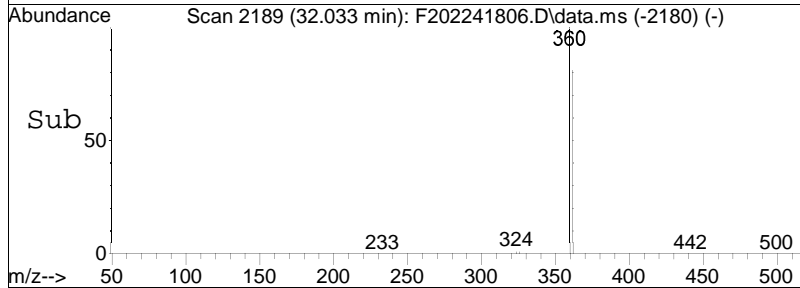
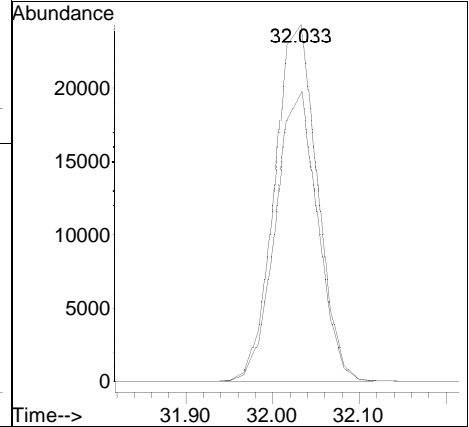
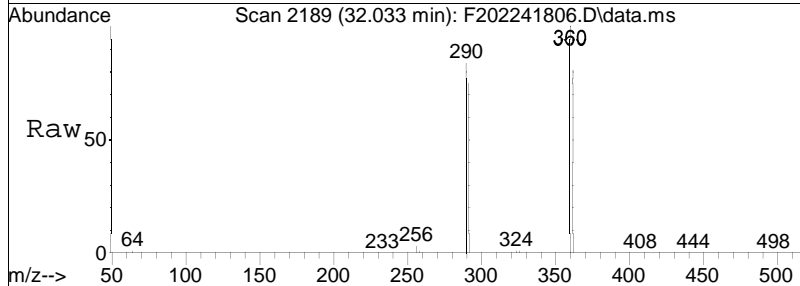
Tgt Ion:	292	Resp:	113049
Ion Ratio	Lower	Upper	
292	100		
290	80.4	63.6	95.4

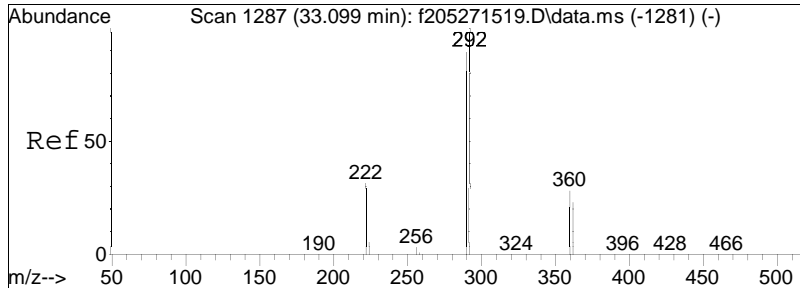




#84
 Cl6-BZ#155-RTW
 Concen: 36.69 ng/mL
 RT: 32.033 min Scan# 2189
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

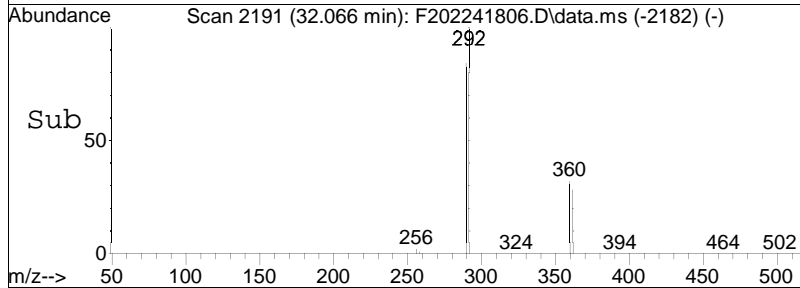
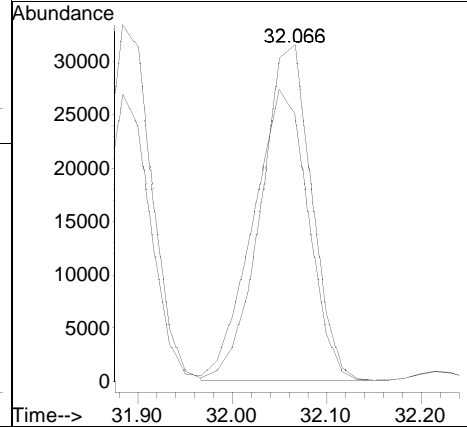
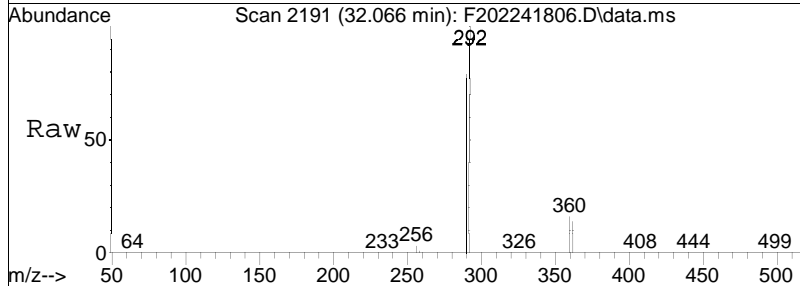
Tgt Ion: 360 Resp: 83238
 Ion Ratio Lower Upper
 360 100
 362 80.2 63.7 95.5

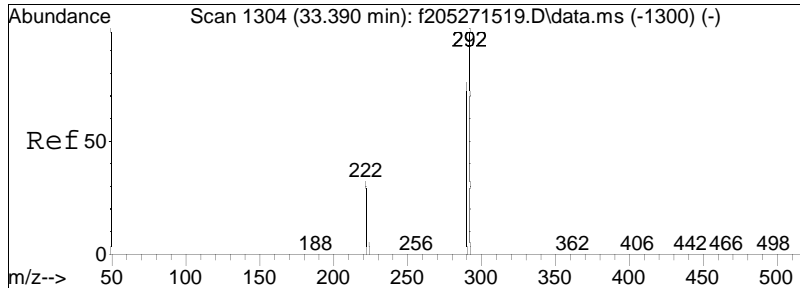




#85
 C14-BZ#70
 Concen: 34.05 ng/mL
 RT: 32.066 min Scan# 2191
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

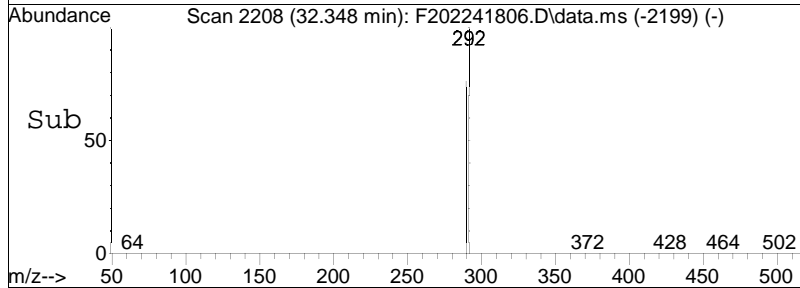
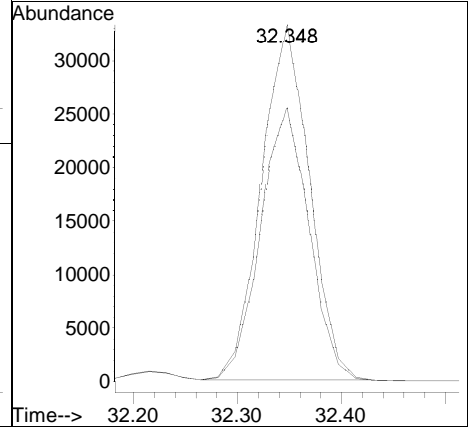
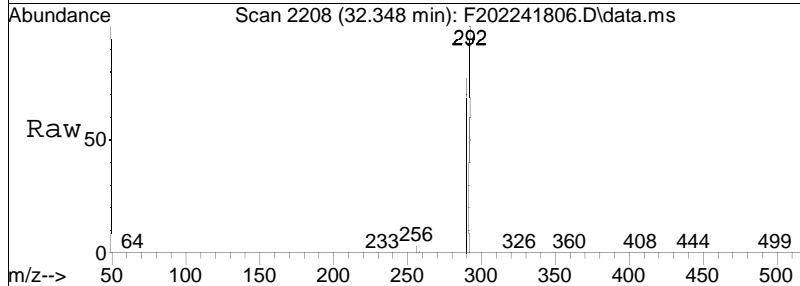
Tgt Ion: 292 Resp: 116718
 Ion Ratio Lower Upper
 292 100
 290 79.4 66.7 100.1

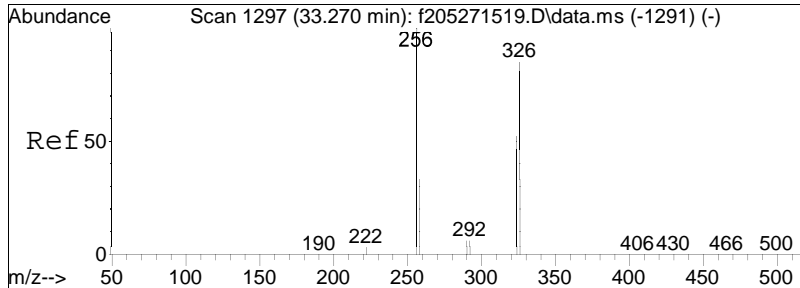




#86
 C14-BZ#66
 Concen: 38.66 ng/mL
 RT: 32.348 min Scan# 2208
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

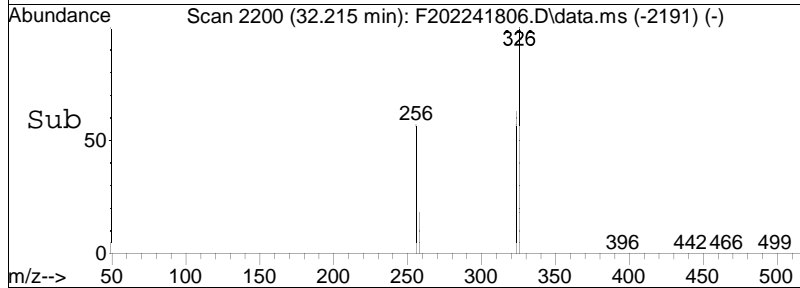
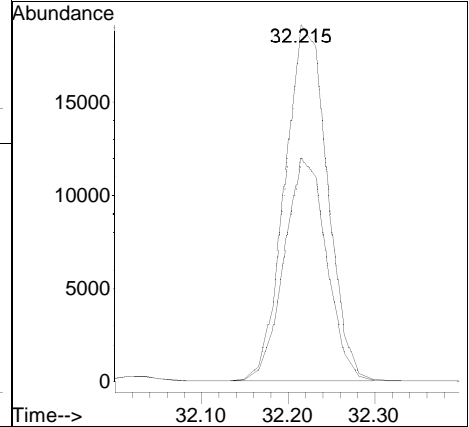
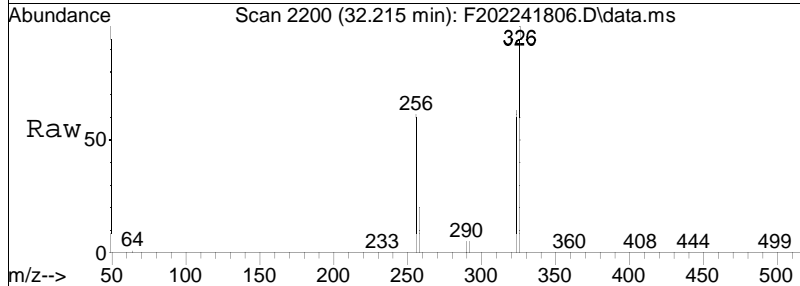
Tgt Ion: 292 Resp: 106489
 Ion Ratio Lower Upper
 292 100
 290 76.8 62.3 93.5

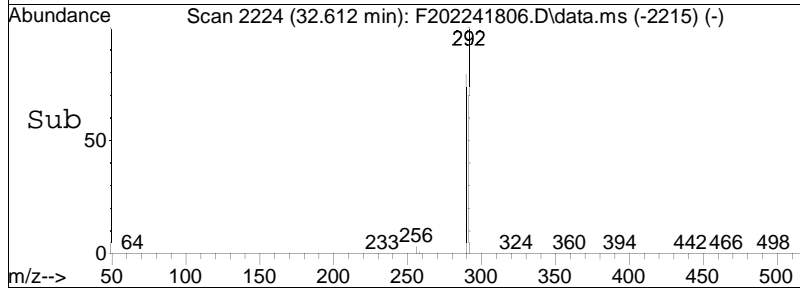
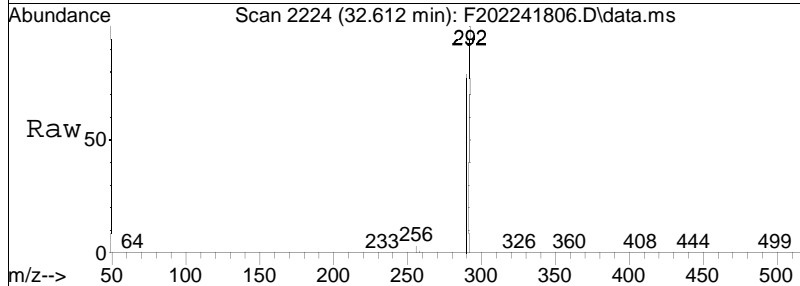
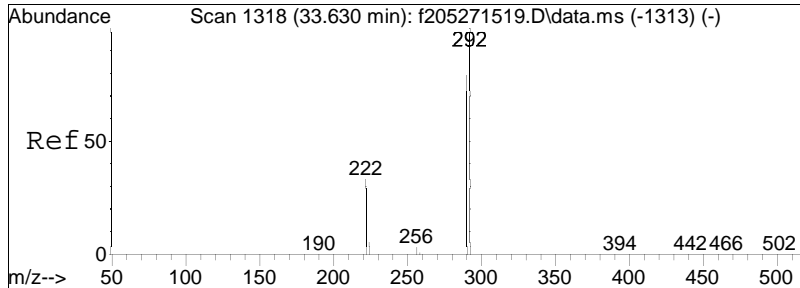




#87
 C15-BZ#91
 Concen: 36.21 ng/mL
 RT: 32.215 min Scan# 2200
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

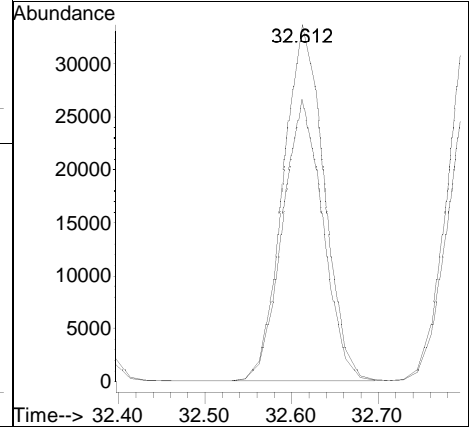
Tgt Ion:	326	Resp:	65004
Ion Ratio	Lower	Upper	
326	100		
324	62.9	50.0	75.0

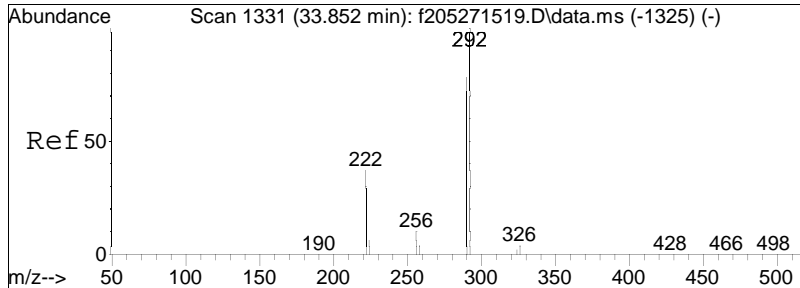




#88
 C14-BZ#80
 Concen: 39.89 ng/mL
 RT: 32.612 min Scan# 2224
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

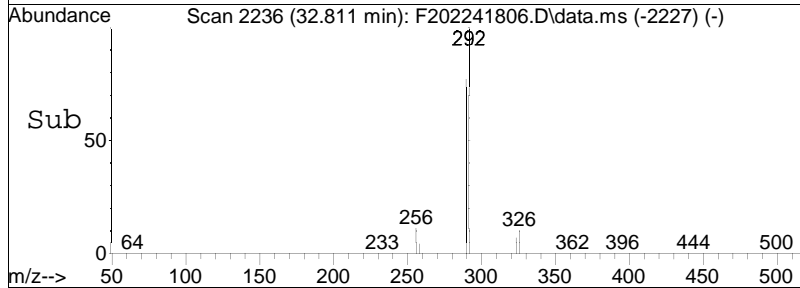
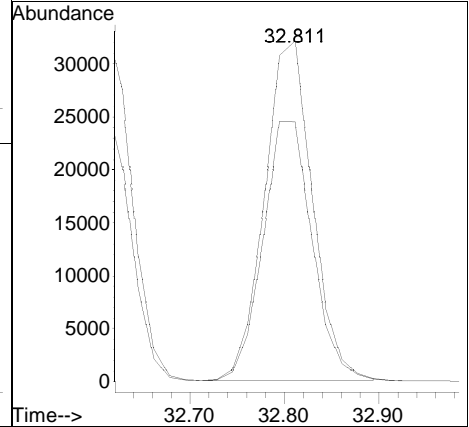
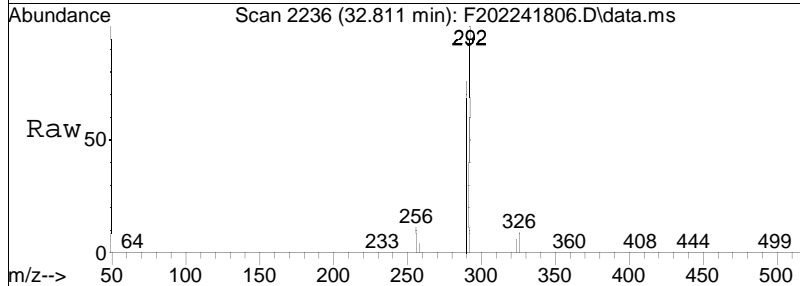
Tgt Ion: 292 Resp: 110197
 Ion Ratio Lower Upper
 292 100
 290 78.0 63.5 95.3

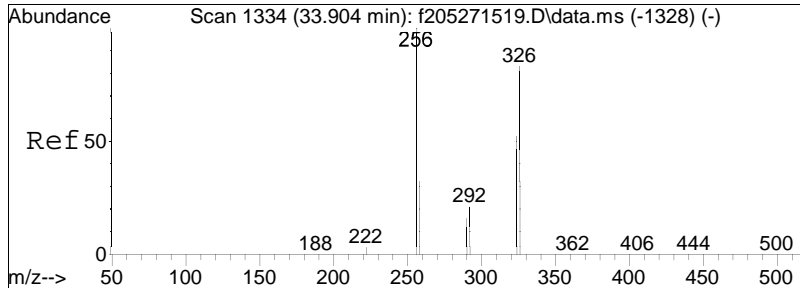




#89
 C14-BZ#55
 Concen: 39.56 ng/mL
 RT: 32.811 min Scan# 2236
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

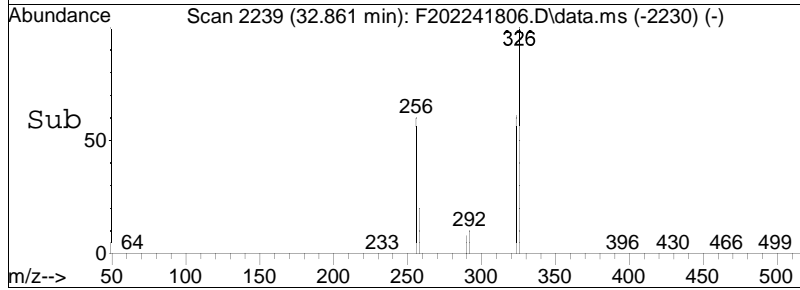
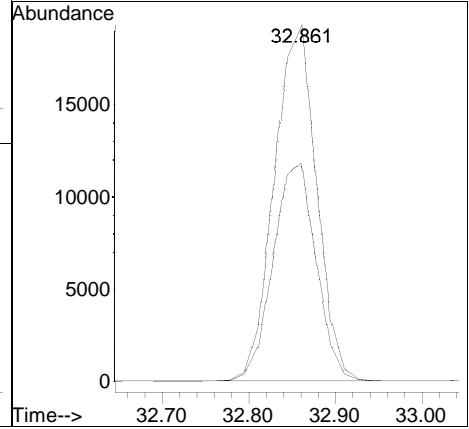
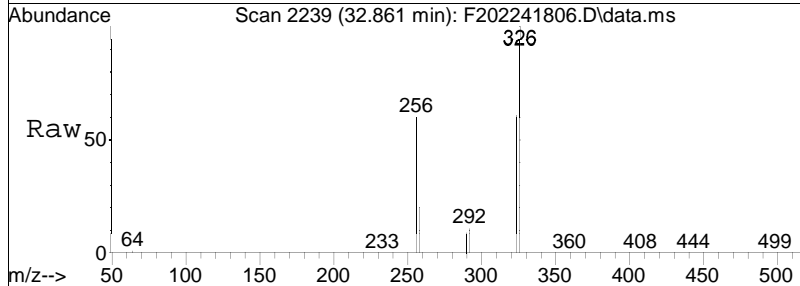
Tgt Ion: 292 Resp: 112907
 Ion Ratio Lower Upper
 292 100
 290 78.4 61.8 92.6

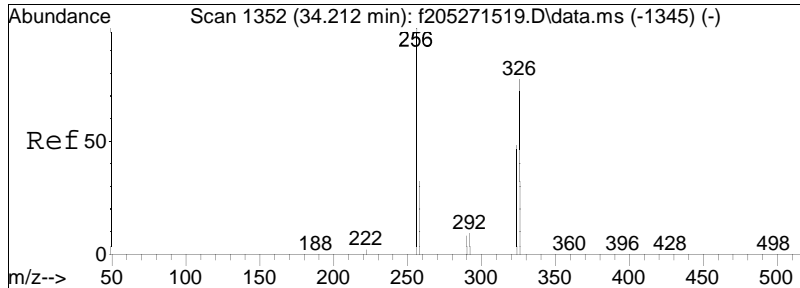




#90
 C15-BZ#92
 Concen: 37.63 ng/mL
 RT: 32.861 min Scan# 2239
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

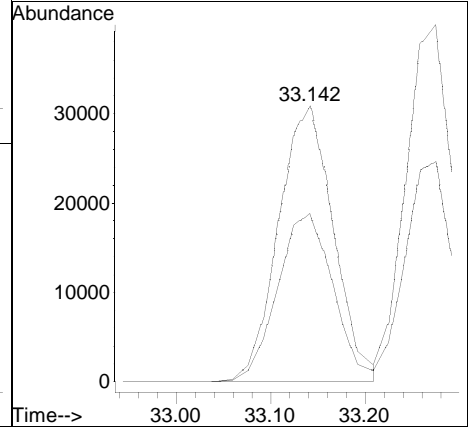
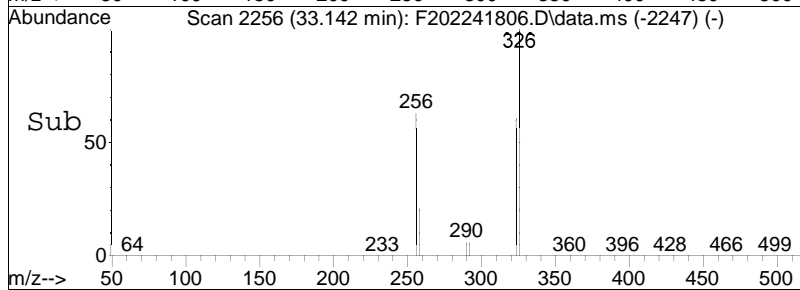
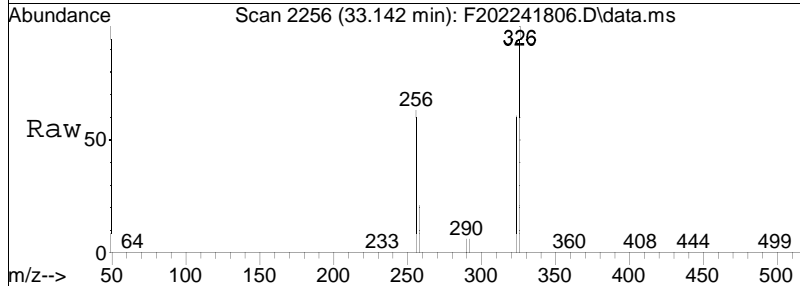
Tgt Ion: 326 Resp: 64943
 Ion Ratio Lower Upper
 326 100
 324 61.3 49.1 73.7

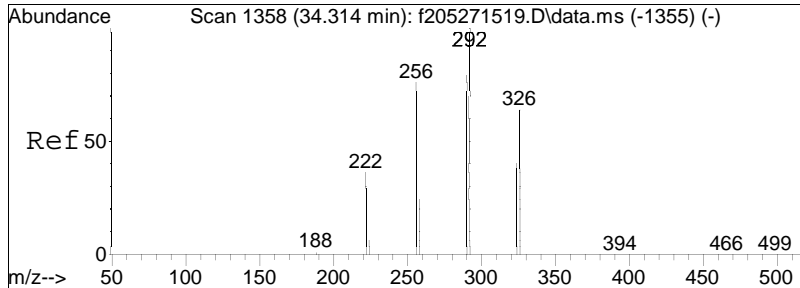




#91
 C15-BZ#89/#84
 Concen: 68.36 ng/mL
 RT: 33.142 min Scan# 2256
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

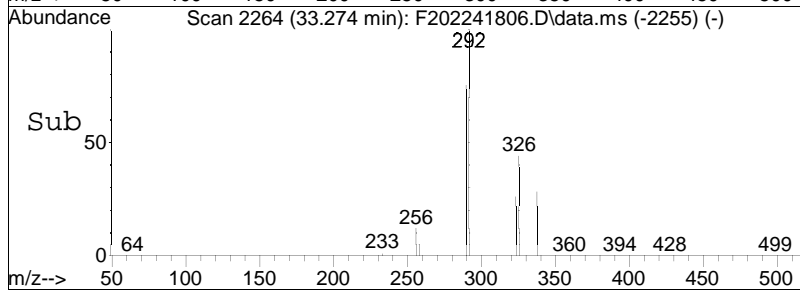
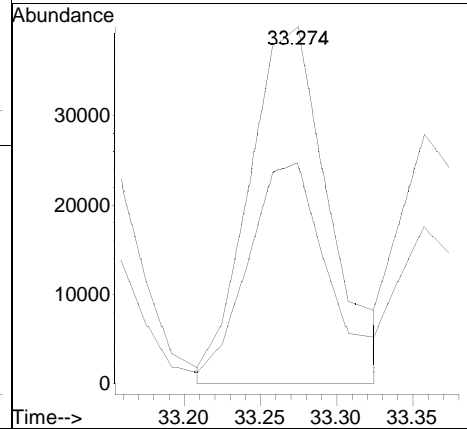
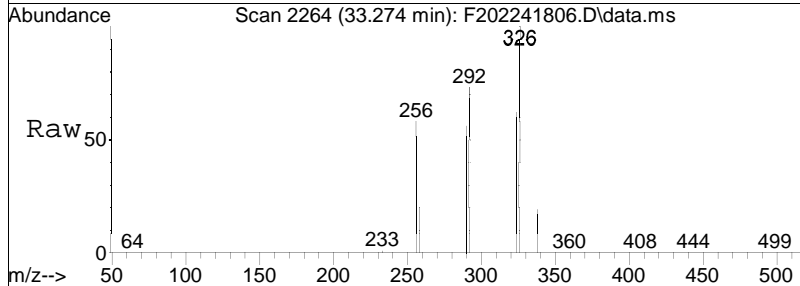
Tgt Ion	Resp	Lower	Upper
326	100		
324	60.8	47.8	71.8

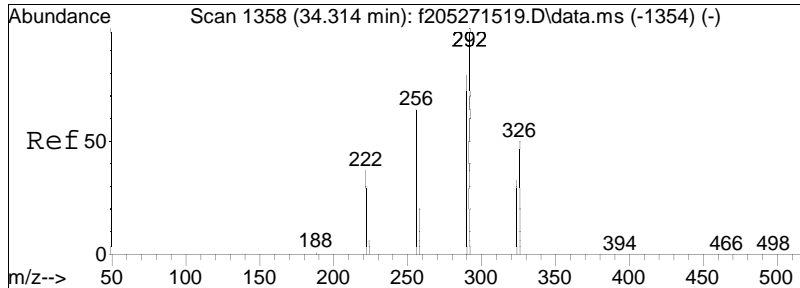




#92
 C15-BZ#101/#90
 Concen: 77.80 ng/mL M4
 RT: 33.274 min Scan# 2264
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

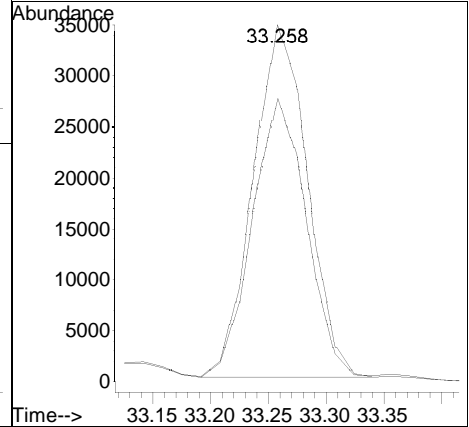
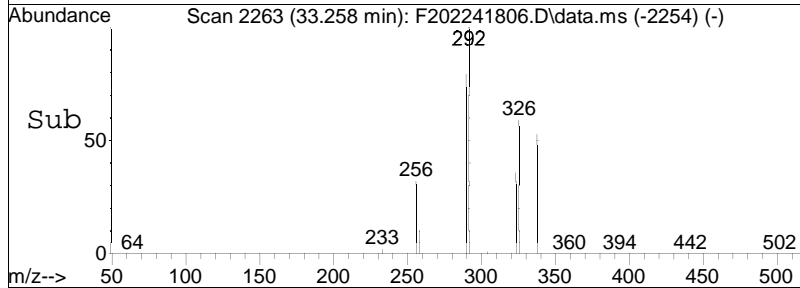
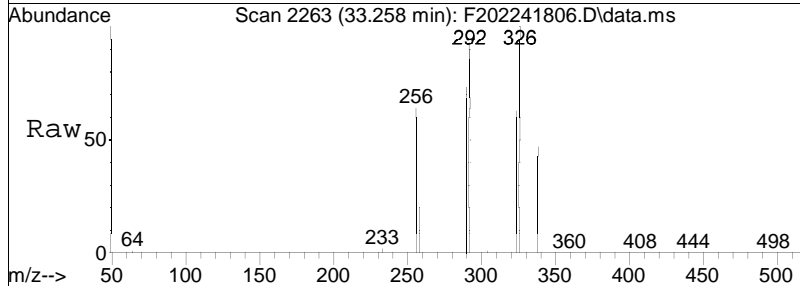
Tgt Ion: 326 Resp: 145000
 Ion Ratio Lower Upper
 326 100
 324 56.3 48.9 73.3

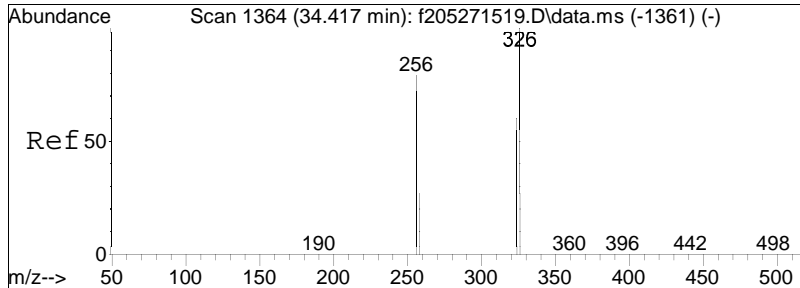




#94
 C14-BZ#56
 Concen: 38.42 ng/mL
 RT: 33.258 min Scan# 2263
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

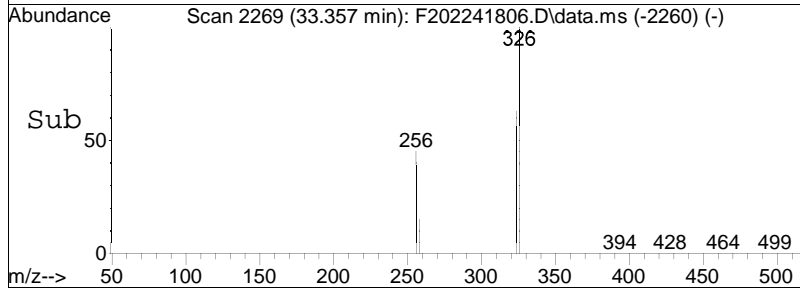
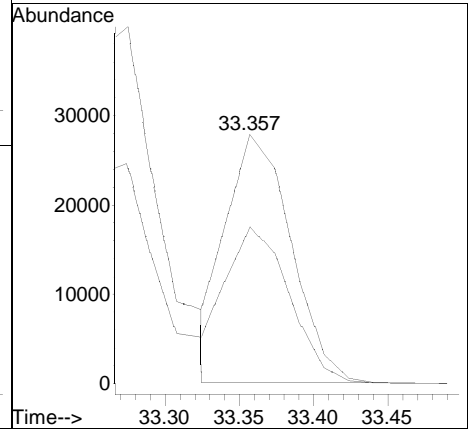
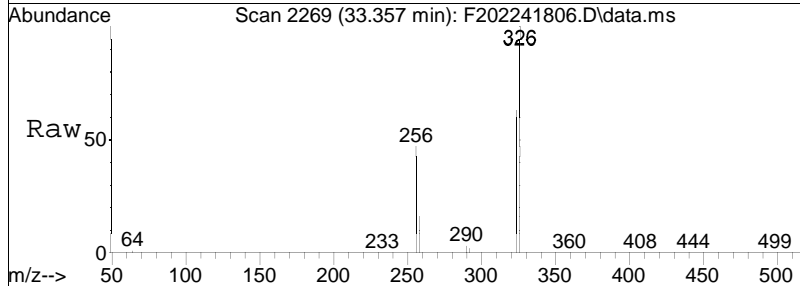
Tgt Ion: 292 Resp: 112631
 Ion Ratio Lower Upper
 292 100
 290 78.8 63.5 95.3

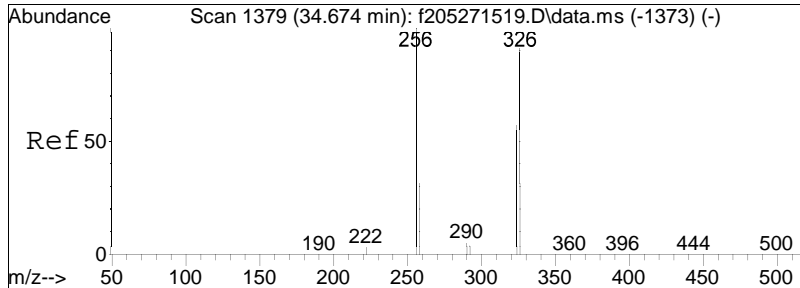




#95
 C15-BZ#113
 Concen: 37.06 ng/mL
 RT: 33.357 min Scan# 2269
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

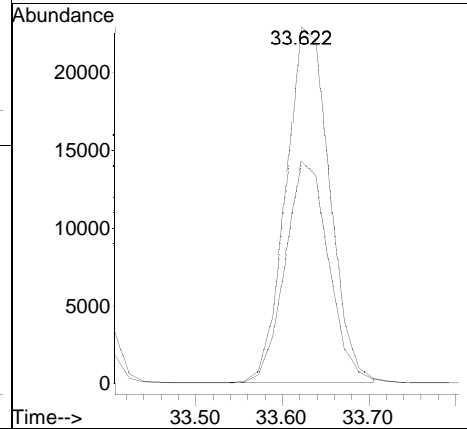
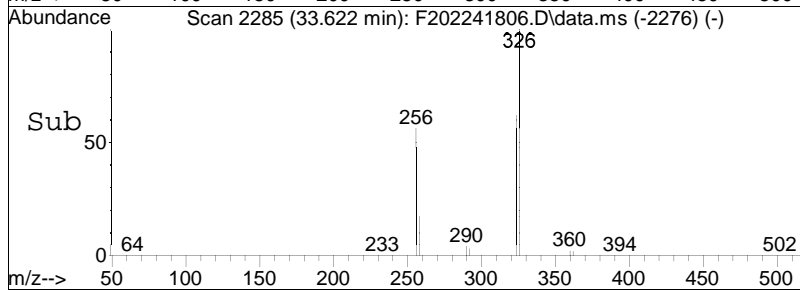
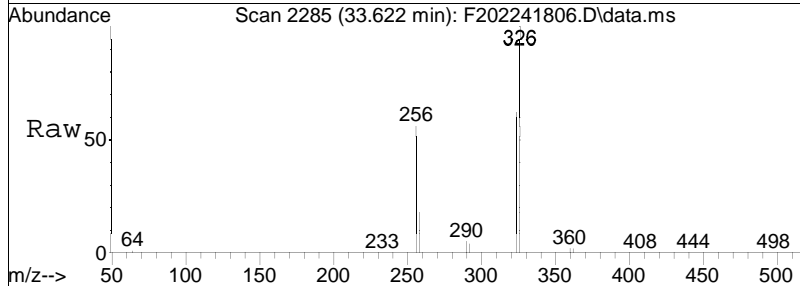
Tgt Ion: 326 Resp: 83886
 Ion Ratio Lower Upper
 326 100
 324 61.6 50.5 75.7

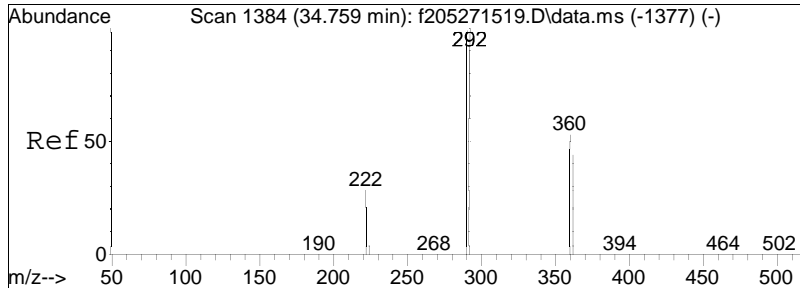




#96
 C15-BZ#99
 Concen: 38.09 ng/mL
 RT: 33.622 min Scan# 2285
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

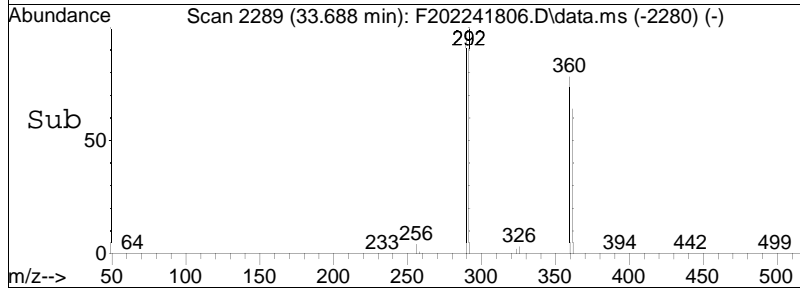
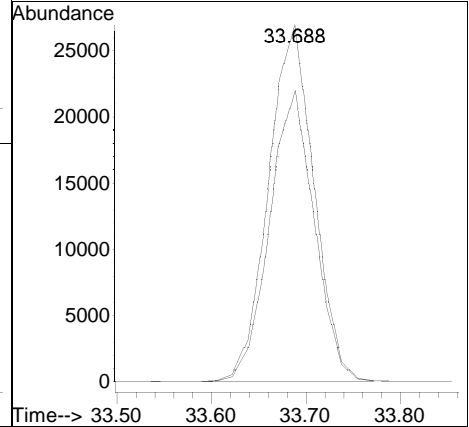
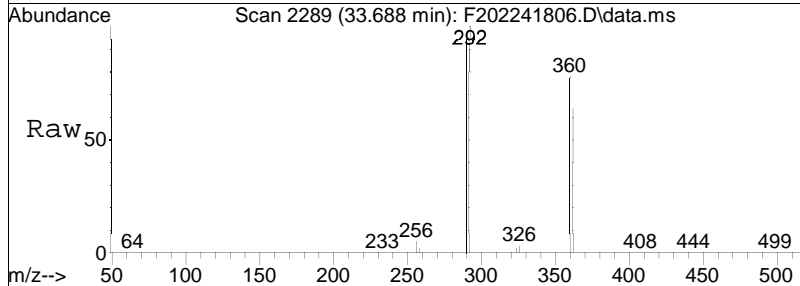
Tgt Ion: 326 Resp: 79680
 Ion Ratio Lower Upper
 326 100
 324 62.2 50.5 75.7

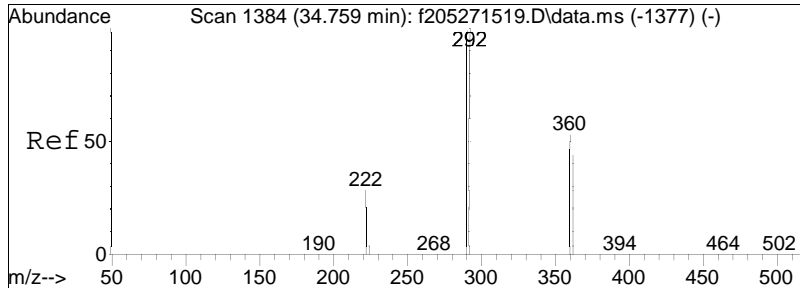




#97
 Cl6-BZ#150
 Concen: 37.32 ng/mL
 RT: 33.688 min Scan# 2289
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

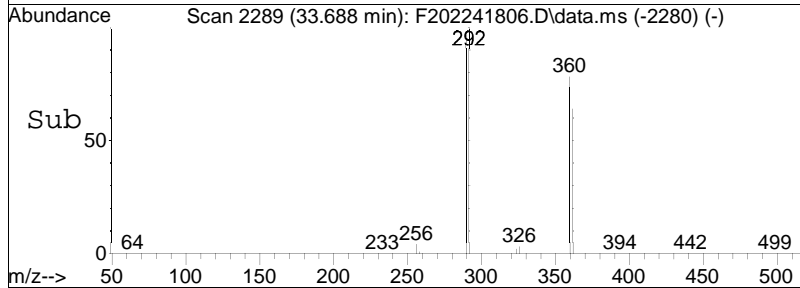
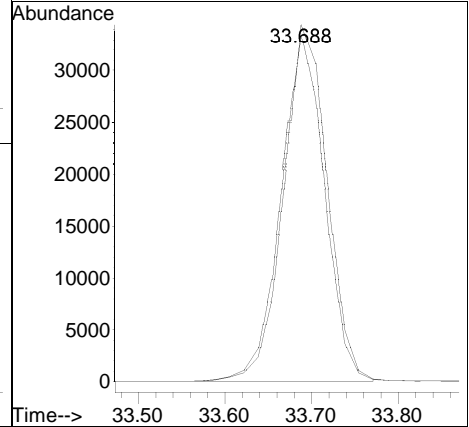
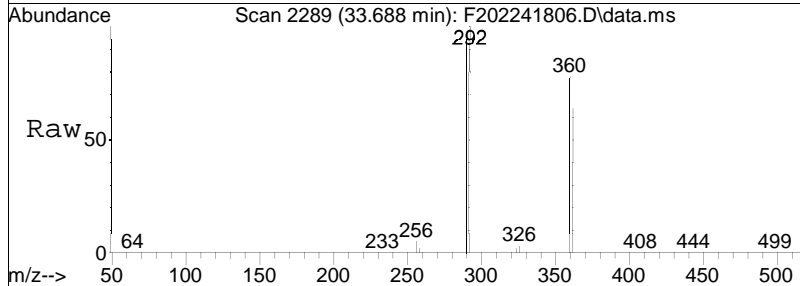
Tgt Ion: 360 Resp: 89573
 Ion Ratio Lower Upper
 360 100
 362 80.2 65.2 97.8

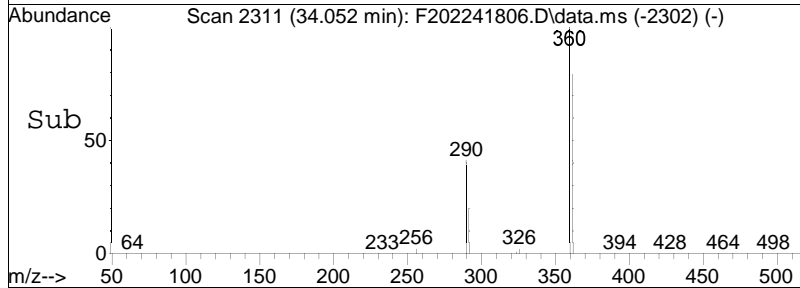
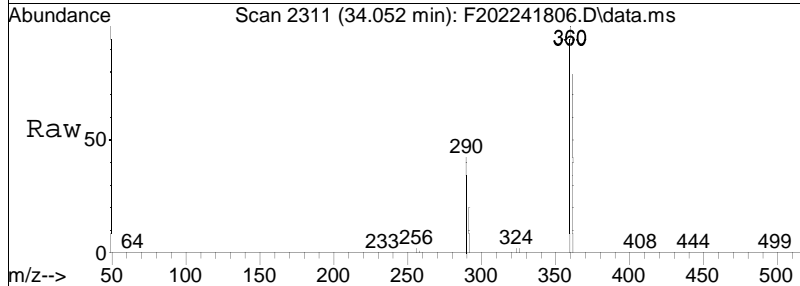
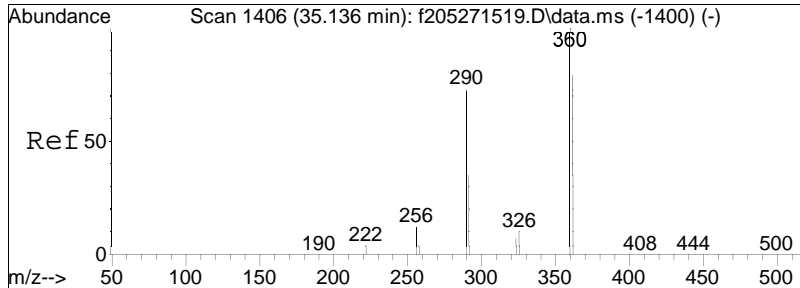




#98
 C14-BZ#60
 Concen: 36.48 ng/mL
 RT: 33.688 min Scan# 2289
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

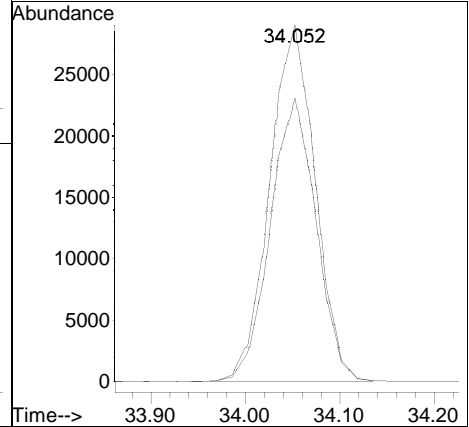
Tgt Ion: 292 Resp: 119681
 Ion Ratio Lower Upper
 292 100
 290 97.0 79.1 118.7

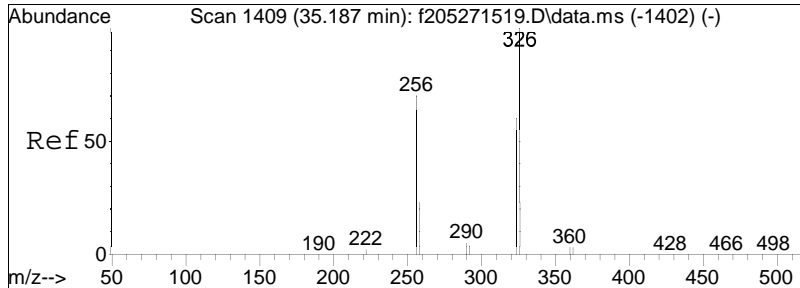




#99
 Cl6-BZ#152
 Concen: 36.54 ng/mL
 RT: 34.052 min Scan# 2311
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

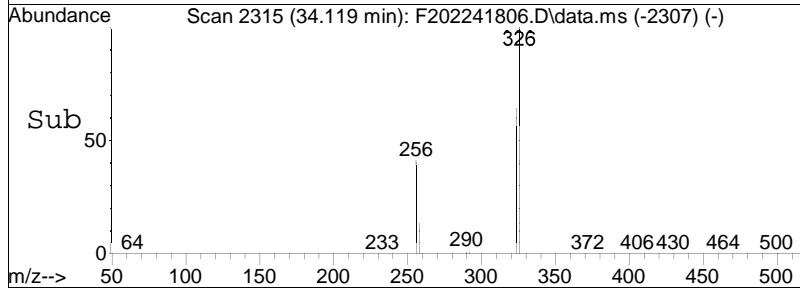
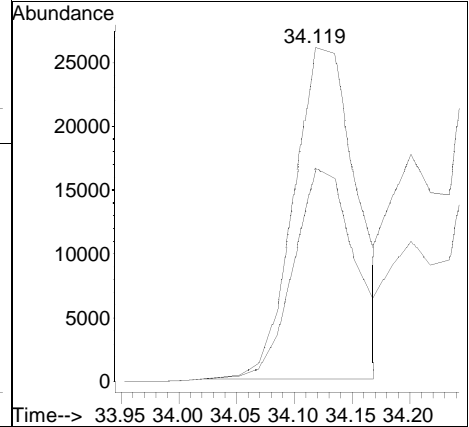
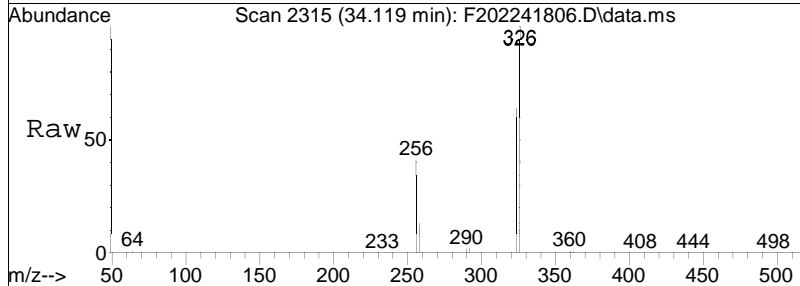
Tgt Ion	Resp	Lower	Upper
360	100		
362	79.8	64.2	96.4

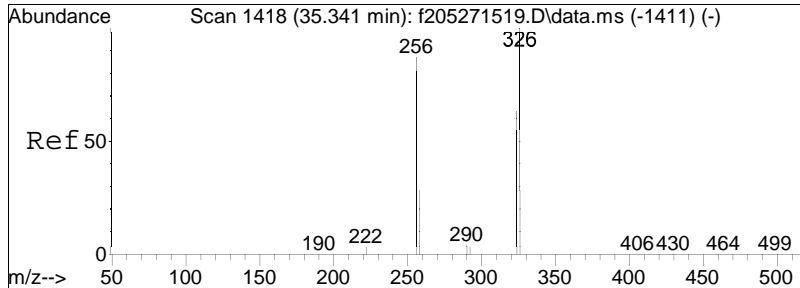




#100
 C15-BZ#119
 Concen: 37.76 ng/mL
 RT: 34.119 min Scan# 2315
 Delta R.T. -0.016 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

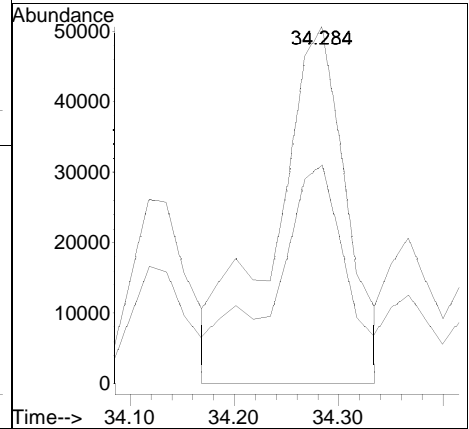
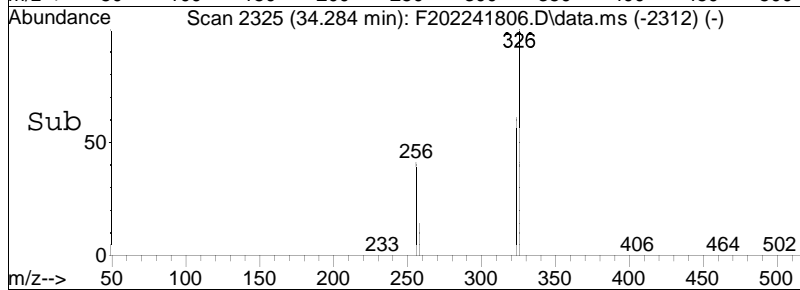
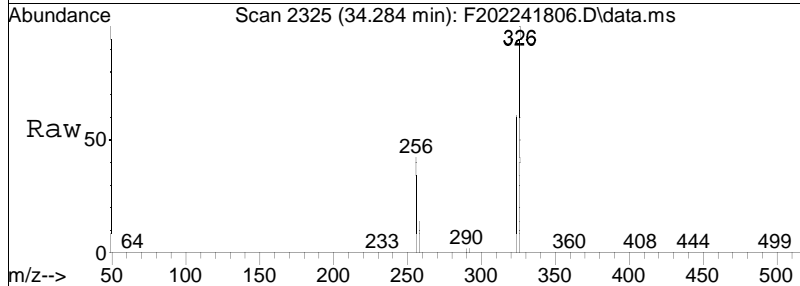
Tgt Ion: 326 Resp: 99243
 Ion Ratio Lower Upper
 326 100
 324 63.8 47.9 71.9

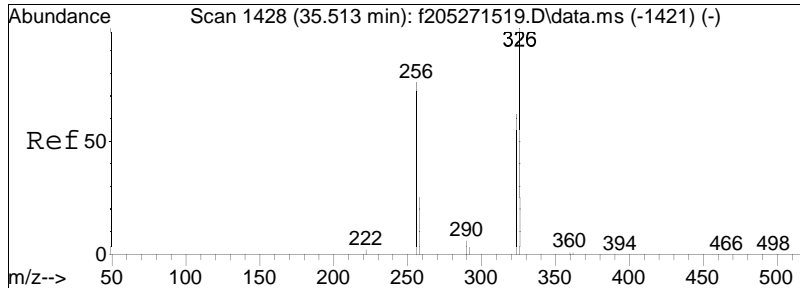




#101
 C15-BZ#83/#125/#112
 Concen: 114.44 ng/mL M1
 RT: 34.284 min Scan# 2325
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

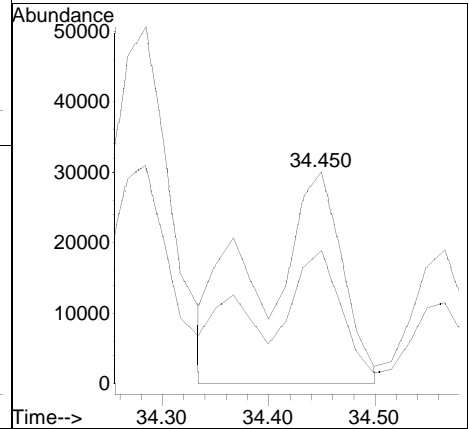
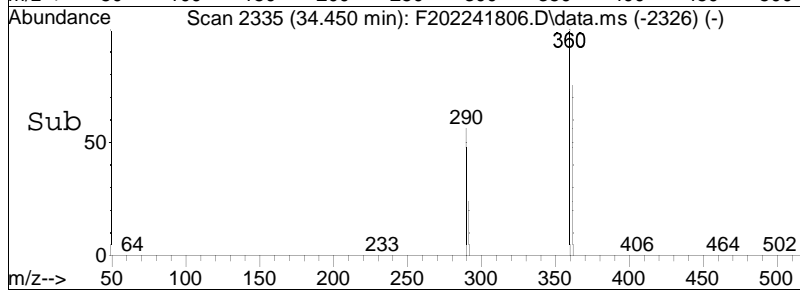
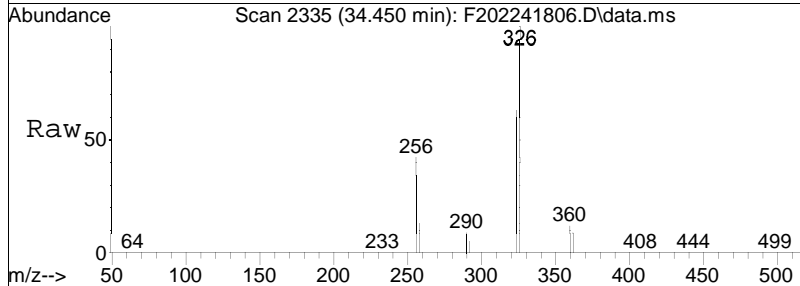
Tgt Ion: 326 Resp: 245792
 Ion Ratio Lower Upper
 326 100
 324 35.9 49.5 74.3#

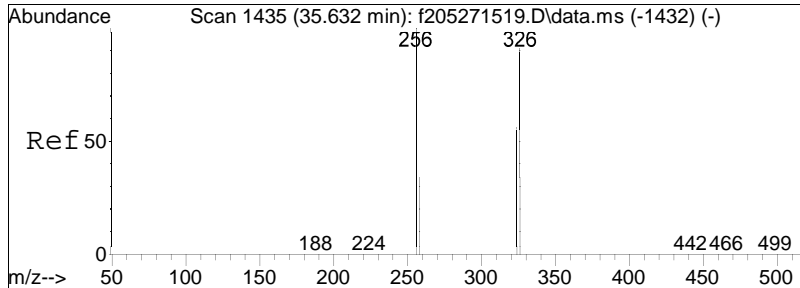




#102
 C15-BZ#86/#109
 Concen: 75.88 ng/mL M1
 RT: 34.450 min Scan# 2335
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

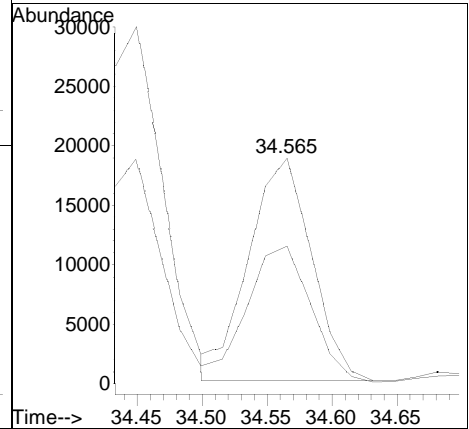
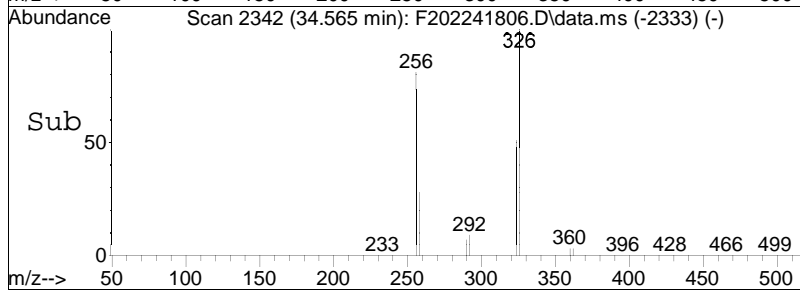
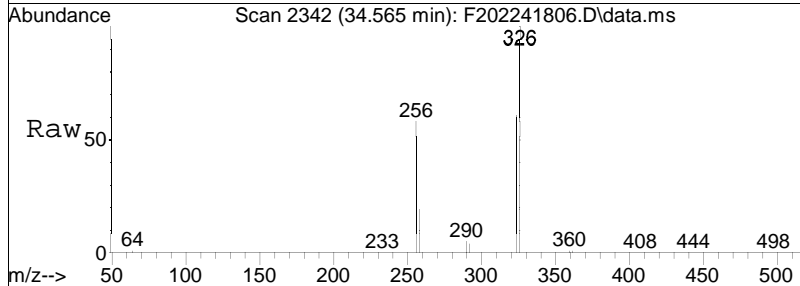
Tgt Ion: 326 Resp: 160157
 Ion Ratio Lower Upper
 326 100
 324 33.1 49.7 74.5#

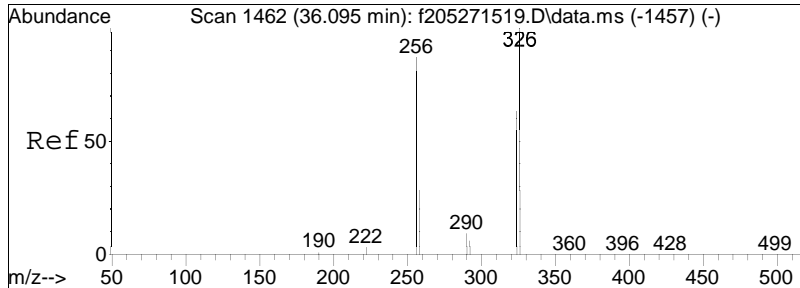




#103
 C15-BZ#97
 Concen: 38.26 ng/mL
 RT: 34.565 min Scan# 2342
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

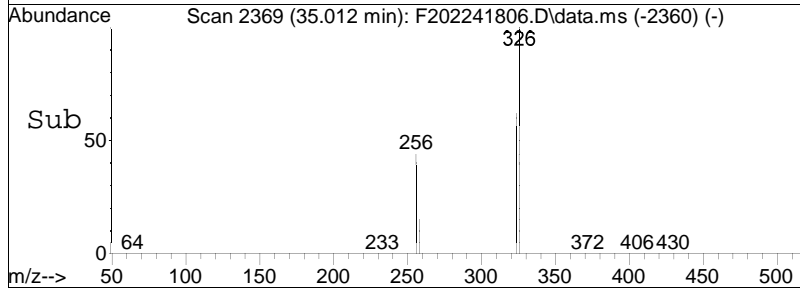
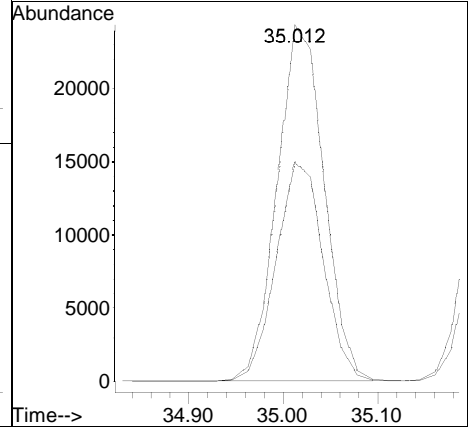
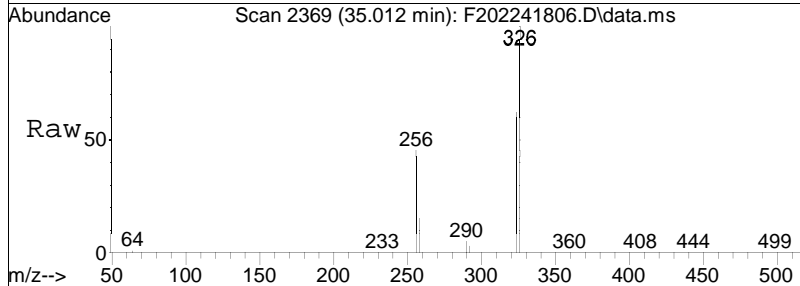
Tgt Ion: 326 Resp: 62570
 Ion Ratio Lower Upper
 326 100
 324 62.3 51.2 76.8

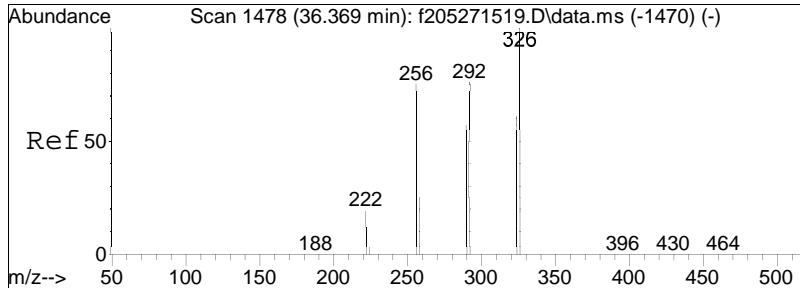




#104
 C15-BZ#116
 Concen: 38.23 ng/mL
 RT: 35.012 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

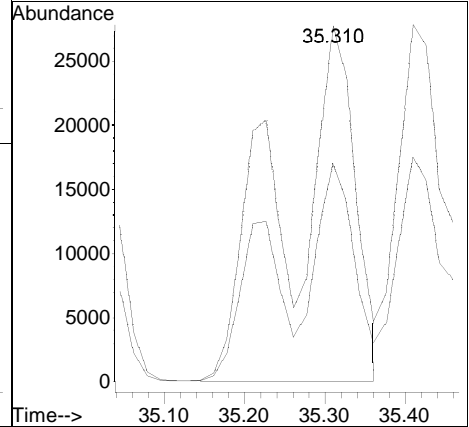
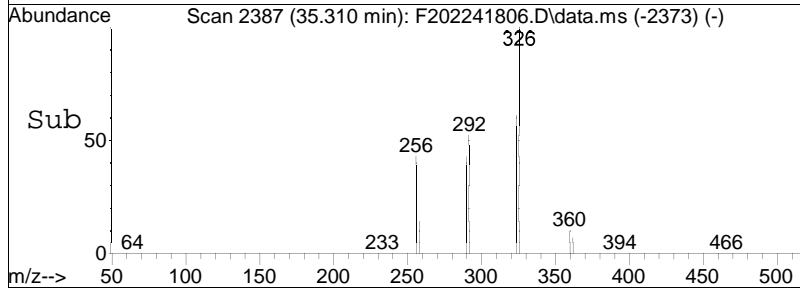
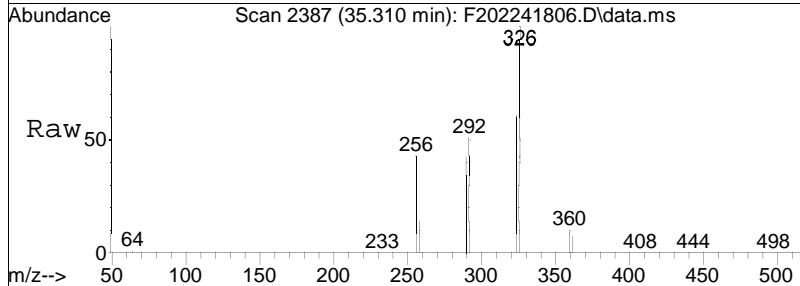
Tgt Ion: 326 Resp: 83443
 Ion Ratio Lower Upper
 326 100
 324 61.9 49.0 73.6

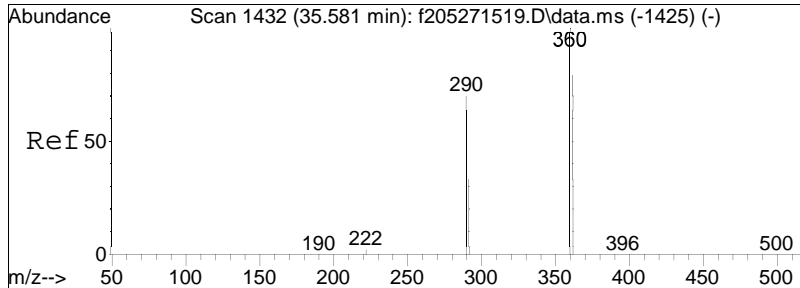




#105
 C15-BZ#87/#111
 Concen: 76.18 ng/mL M1
 RT: 35.310 min Scan# 2387
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

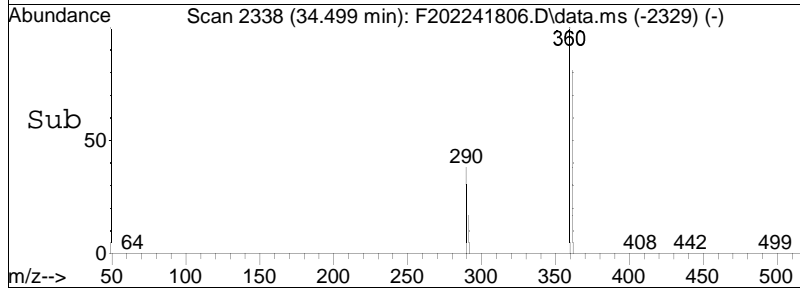
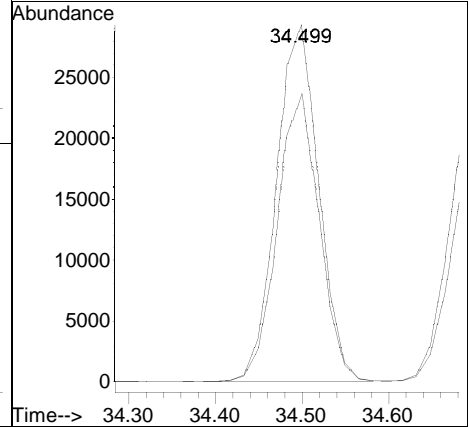
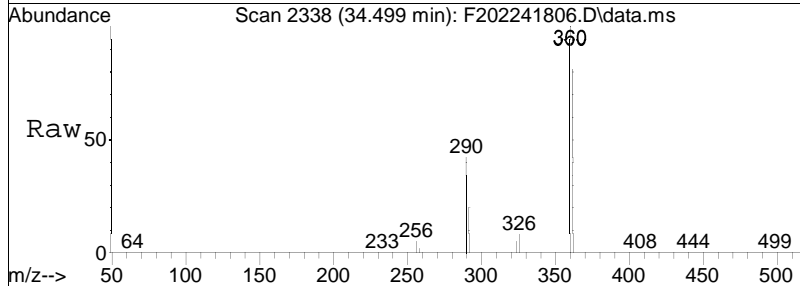
Tgt Ion: 326 Resp: 165165
 Ion Ratio Lower Upper
 326 100
 324 22.8 50.6 75.8#

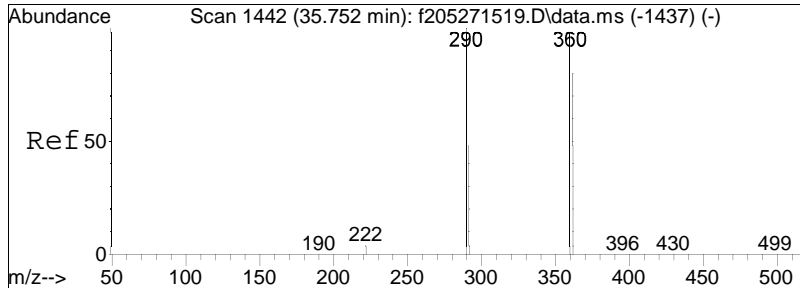




#108
 Cl6-BZ#145
 Concen: 37.02 ng/mL
 RT: 34.499 min Scan# 2338
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

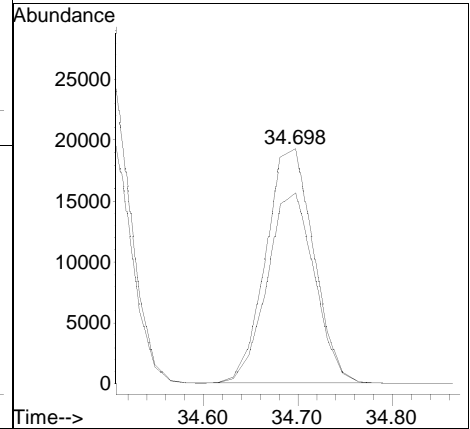
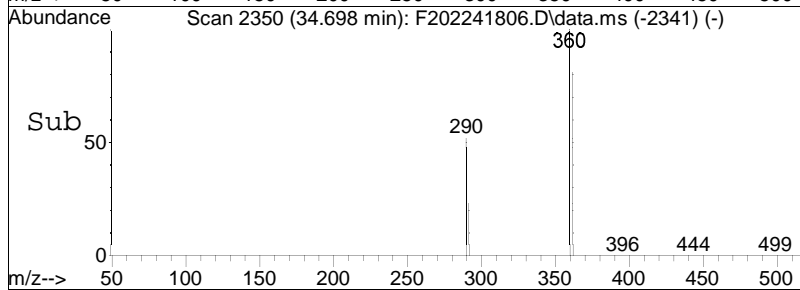
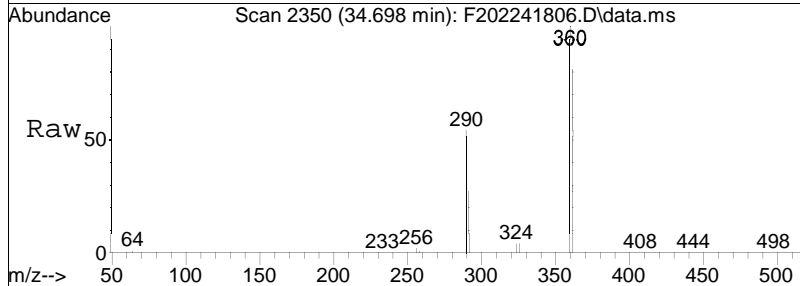
Tgt Ion: 360 Resp: 99118
 Ion Ratio Lower Upper
 360 100
 362 79.8 64.9 97.3

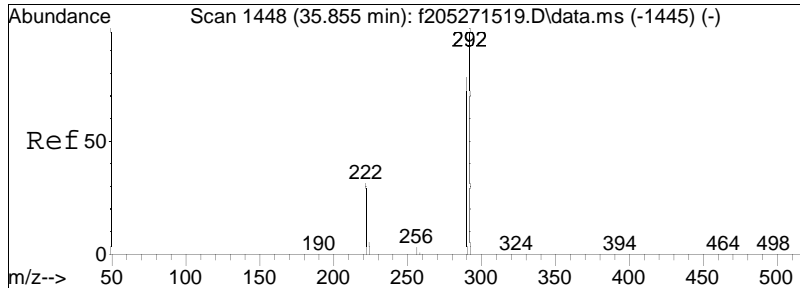




#109
 Cl6-BZ#148
 Concen: 38.04 ng/mL
 RT: 34.698 min Scan# 2350
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

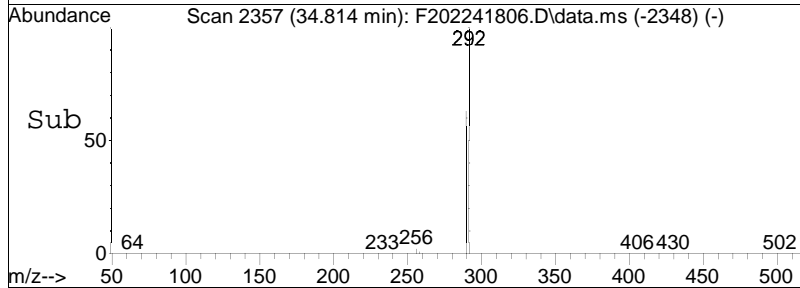
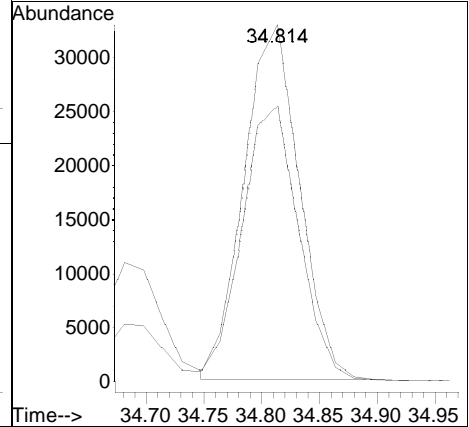
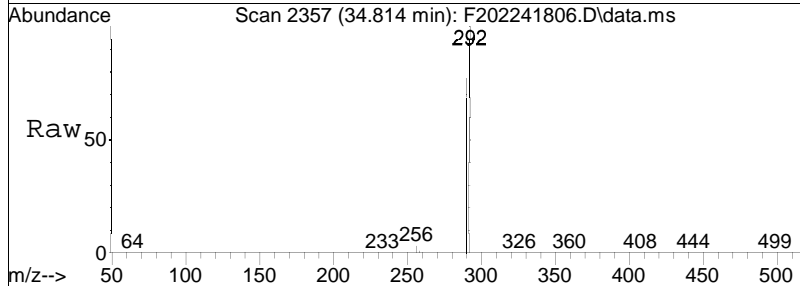
Tgt Ion: 360 Resp: 67566
 Ion Ratio Lower Upper
 360 100
 362 80.6 63.3 94.9

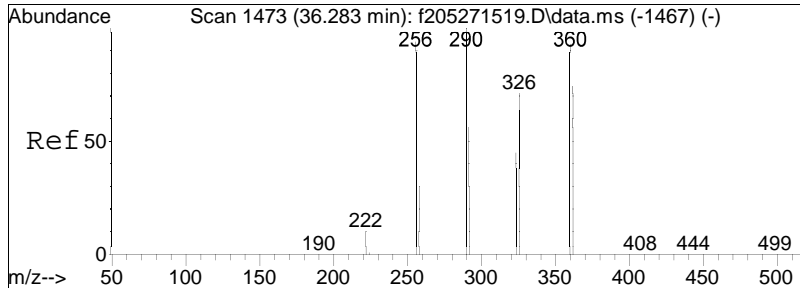




#110
 Cl4-BZ#79
 Concen: 40.55 ng/mL
 RT: 34.814 min Scan# 2357
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

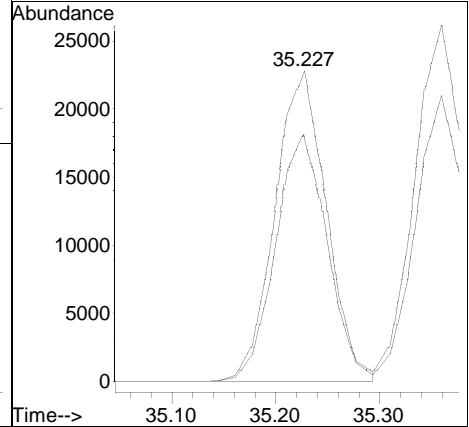
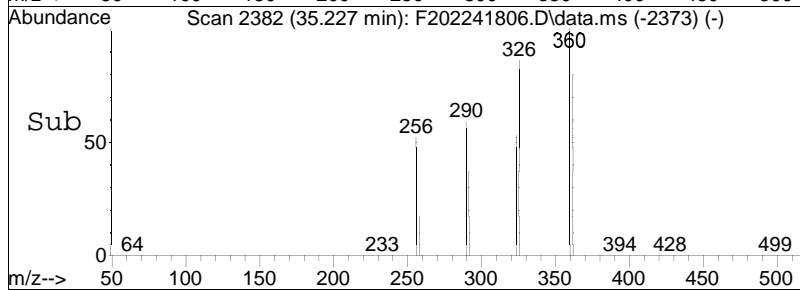
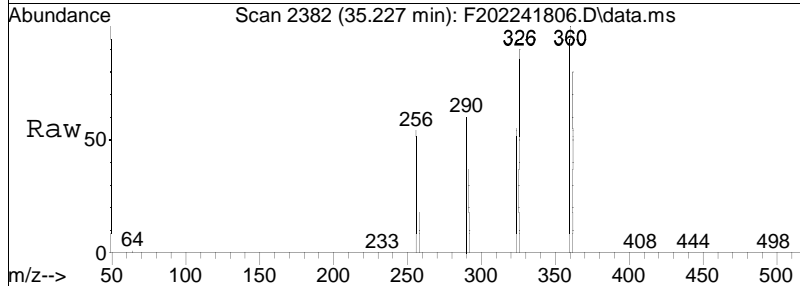
Tgt Ion: 292 Resp: 109630
 Ion Ratio Lower Upper
 292 100
 290 78.1 62.6 93.8

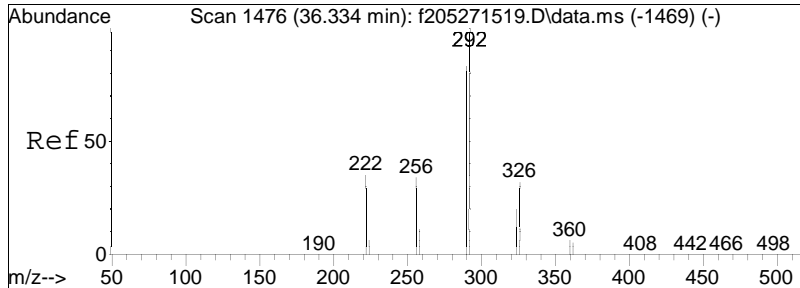




#111
 Cl6-BZ#154-Cal
 Concen: 38.75 ng/mL
 RT: 35.227 min Scan# 2382
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

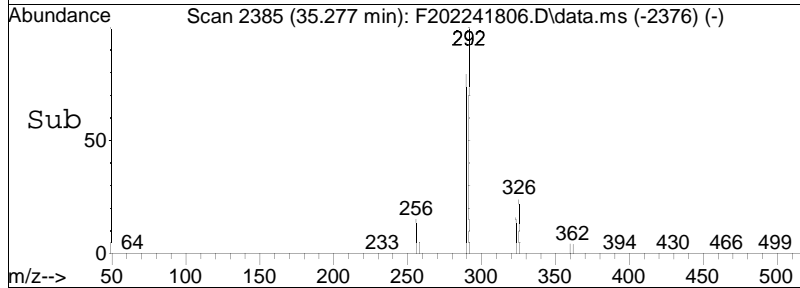
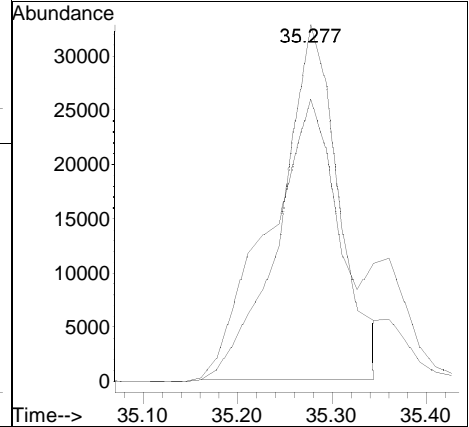
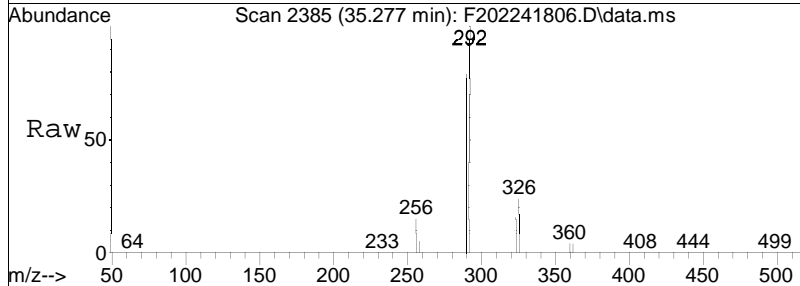
Tgt Ion: 360 Resp: 78169
 Ion Ratio Lower Upper
 360 100
 362 79.9 64.2 96.4

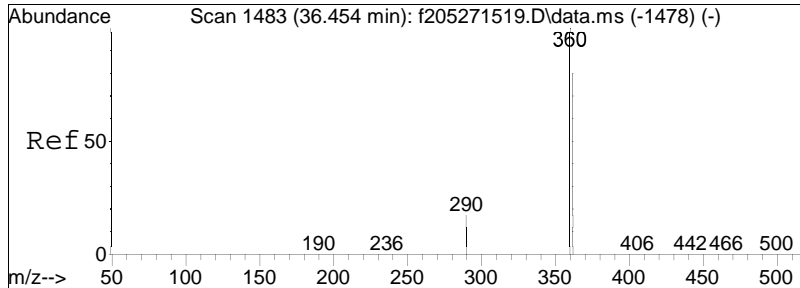




#114
 Cl4-BZ#78
 Concen: 39.49 ng/mL
 RT: 35.277 min Scan# 2385
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

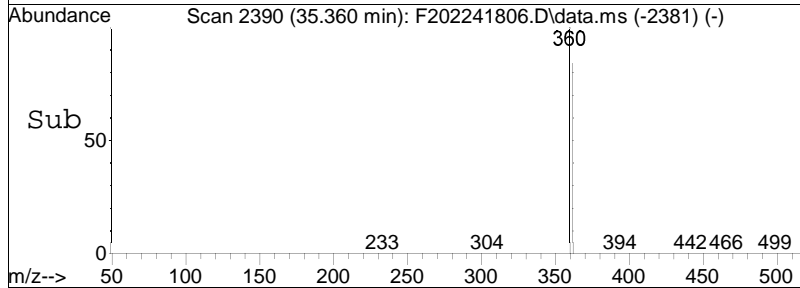
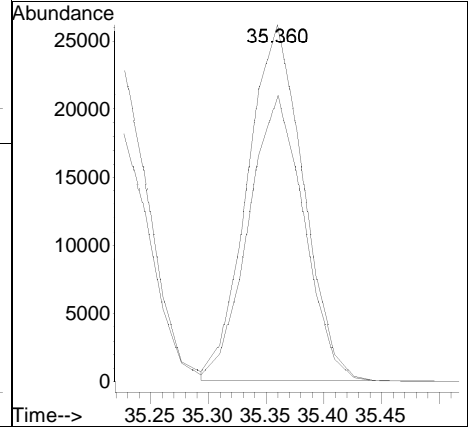
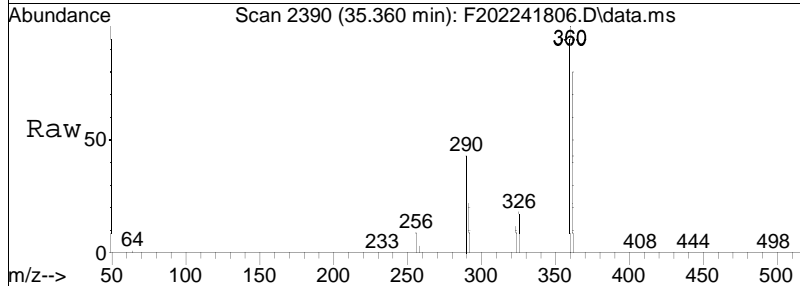
Tgt Ion: 292 Resp: 138382
 Ion Ratio Lower Upper
 292 100
 290 95.3 65.0 97.6

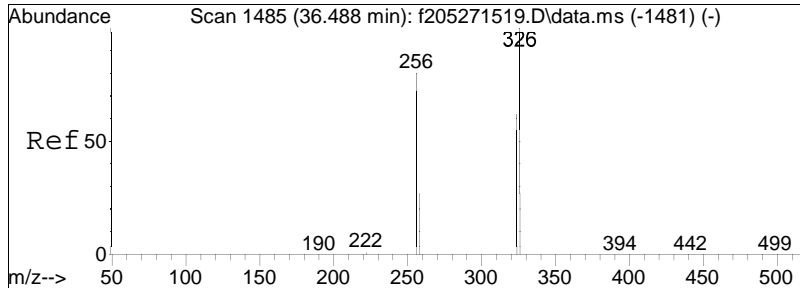




#115
 Cl6-BZ#136
 Concen: 36.55 ng/mL
 RT: 35.360 min Scan# 2390
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

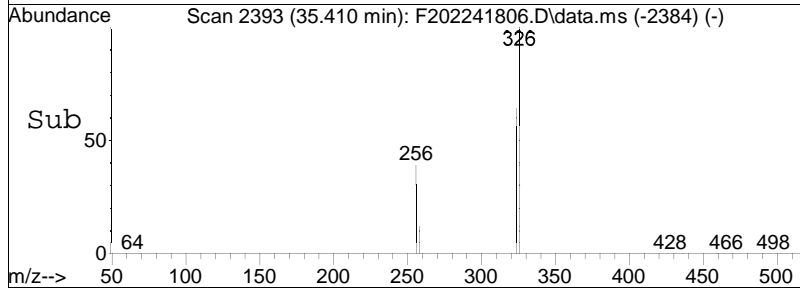
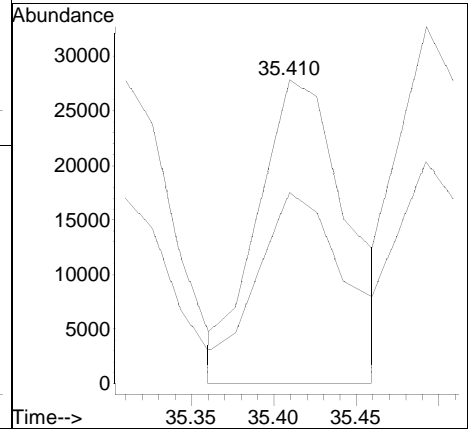
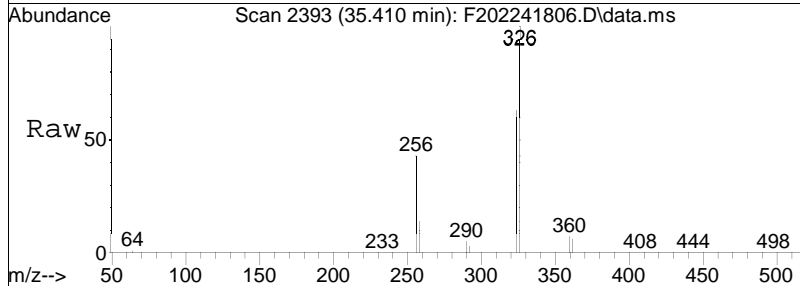
Tgt Ion	Resp	Lower	Upper
360	100		
362	79.6	64.9	97.3

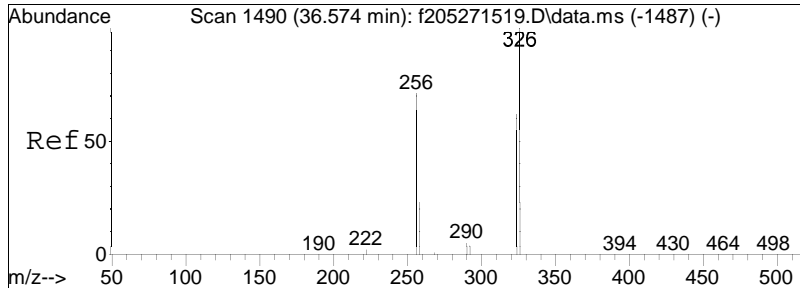




#116
 C15-BZ#117
 Concen: 38.15 ng/mL M4
 RT: 35.410 min Scan# 2393
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

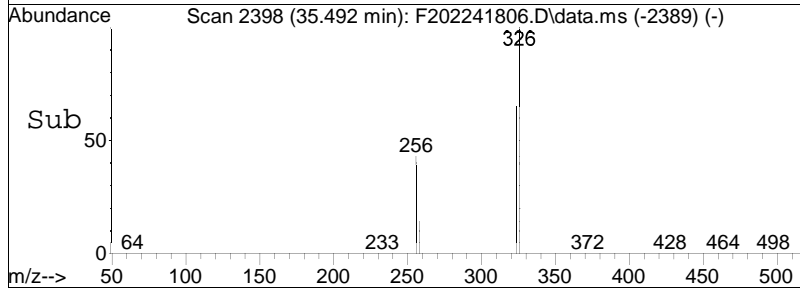
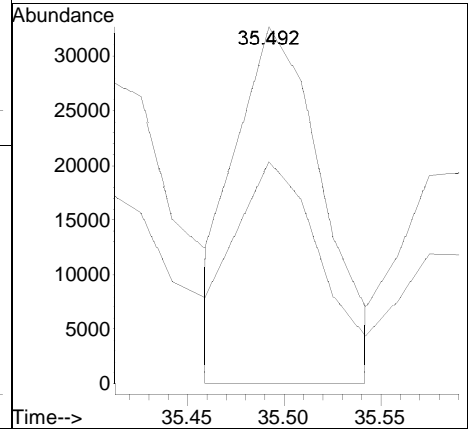
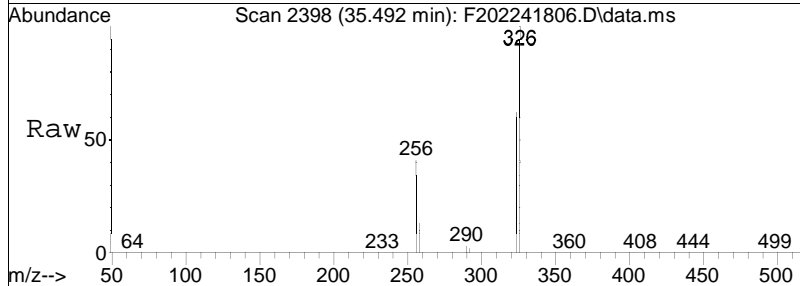
Tgt Ion:	326	Resp:	104528
Ion Ratio	Lower	Upper	
326	100		
324	45.5	49.1	73.7#

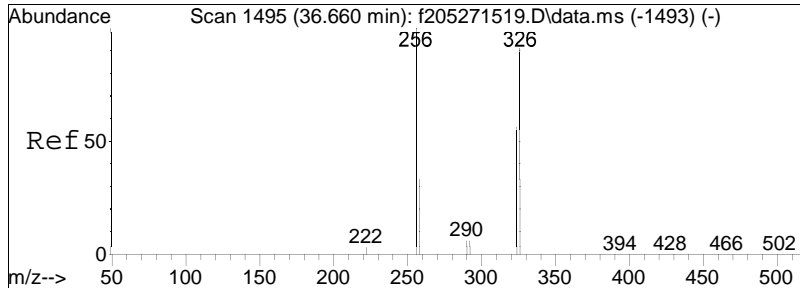




#117
 C15-BZ#115
 Concen: 39.83 ng/mL M4
 RT: 35.492 min Scan# 2398
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

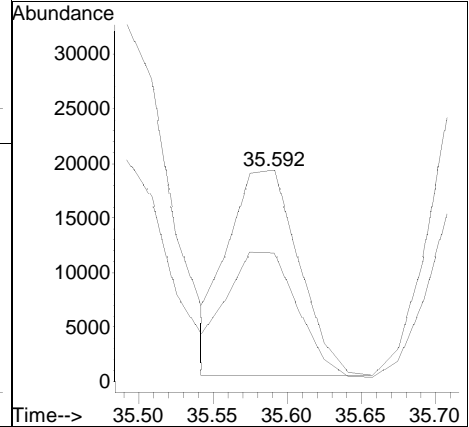
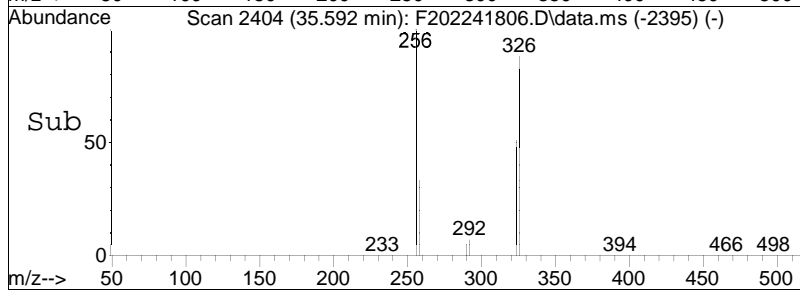
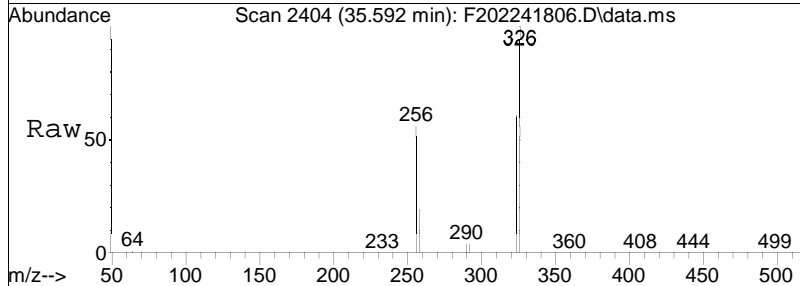
Tgt Ion: 326 Resp: 101732
 Ion Ratio Lower Upper
 326 100
 324 40.9 48.7 73.1#

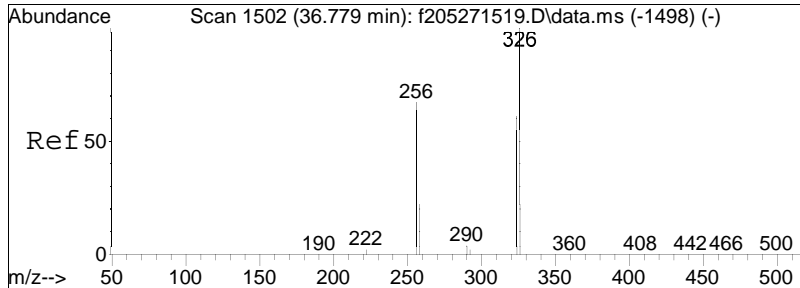




#118
 C15-BZ#85
 Concen: 36.92 ng/mL
 RT: 35.592 min Scan# 2404
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

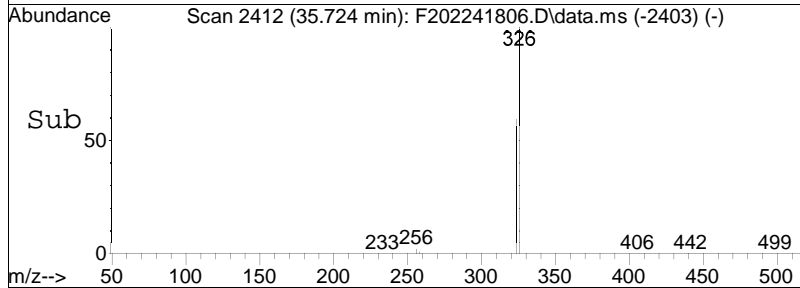
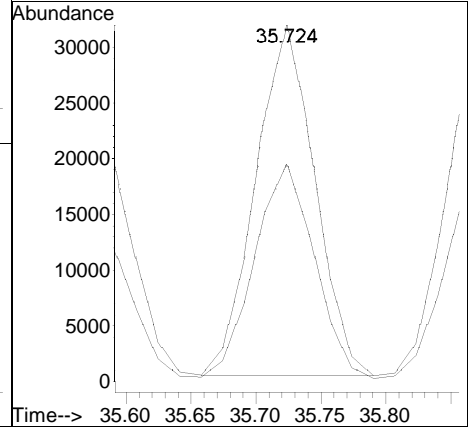
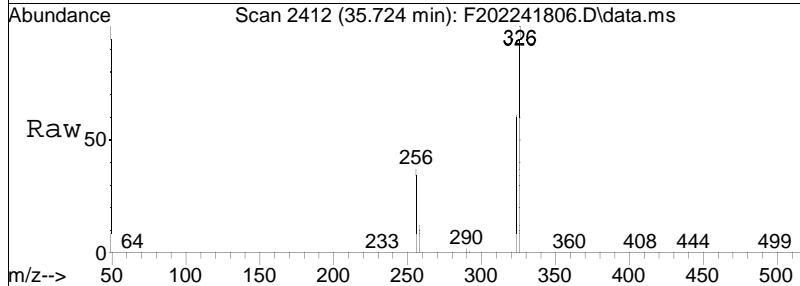
Tgt Ion: 326 Resp: 61311
 Ion Ratio Lower Upper
 326 100
 324 60.8 49.6 74.4

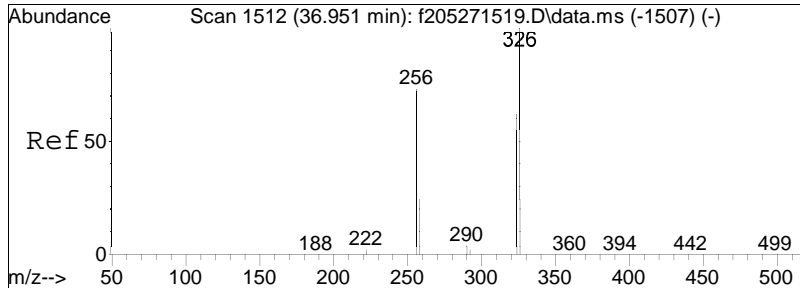




#119
 C15-BZ#120
 Concen: 39.46 ng/mL
 RT: 35.724 min Scan# 2412
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

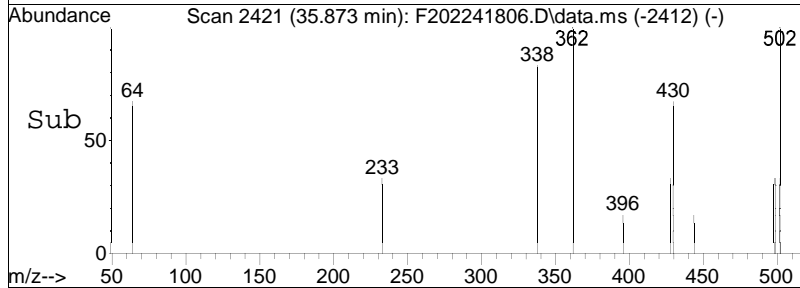
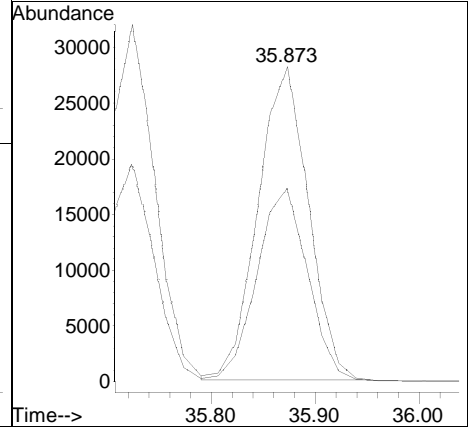
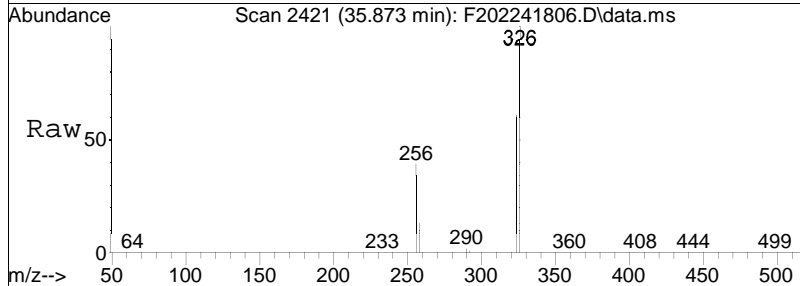
Tgt Ion: 326 Resp: 99612
 Ion Ratio Lower Upper
 326 100
 324 61.8 49.7 74.5

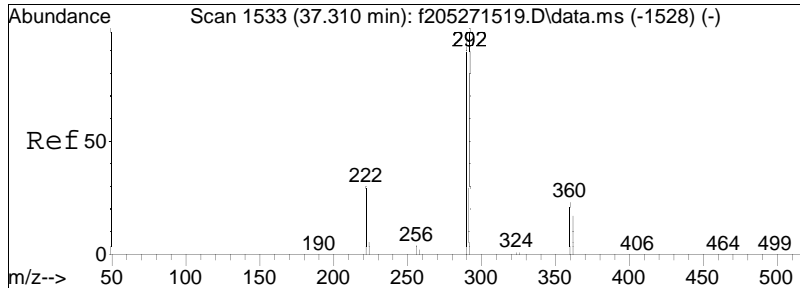




#120
 C15-BZ#110
 Concen: 38.46 ng/mL
 RT: 35.873 min Scan# 2421
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

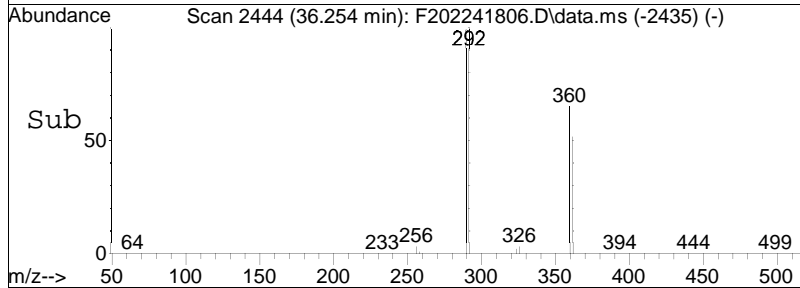
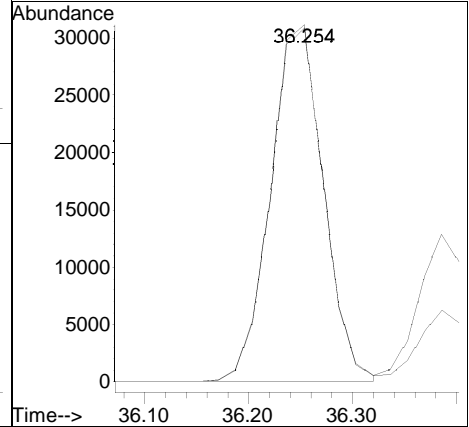
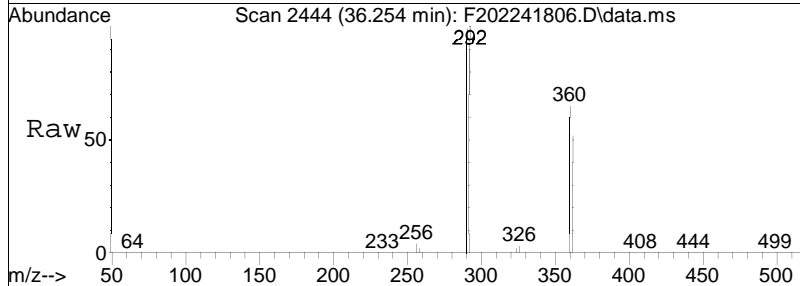
Tgt Ion: 326 Resp: 94676
 Ion Ratio Lower Upper
 326 100
 324 61.5 49.4 74.2

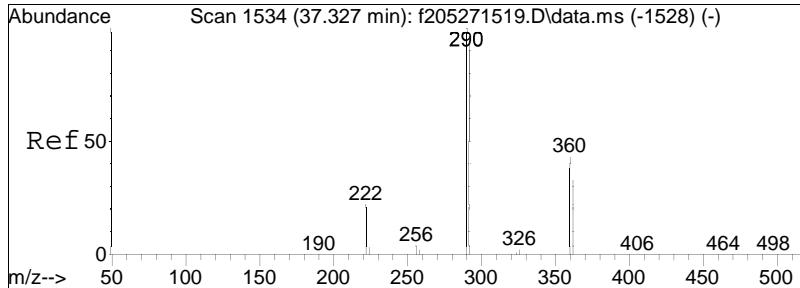




#121
 Cl4-BZ#81
 Concen: 41.11 ng/mL
 RT: 36.254 min Scan# 2444
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

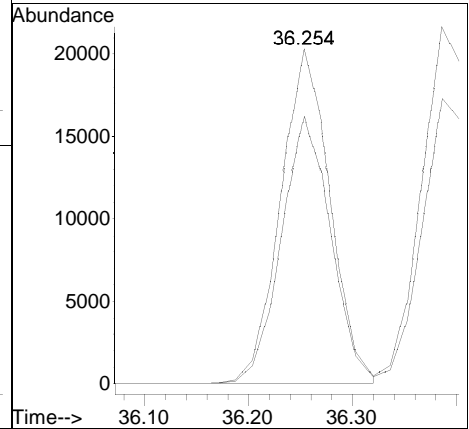
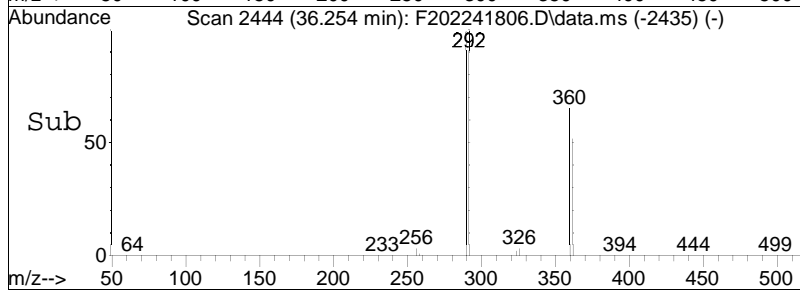
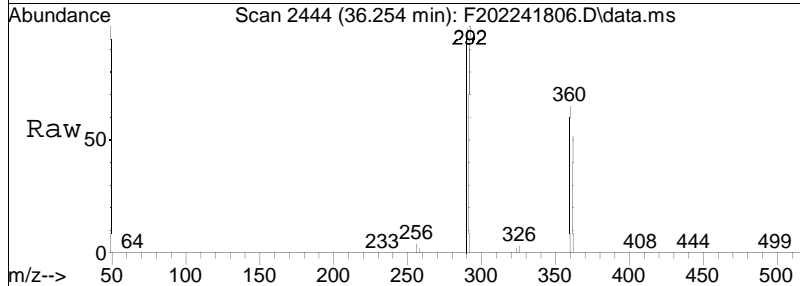
Tgt Ion: 292 Resp: 109159
 Ion Ratio Lower Upper
 292 100
 290 99.2 78.3 117.5

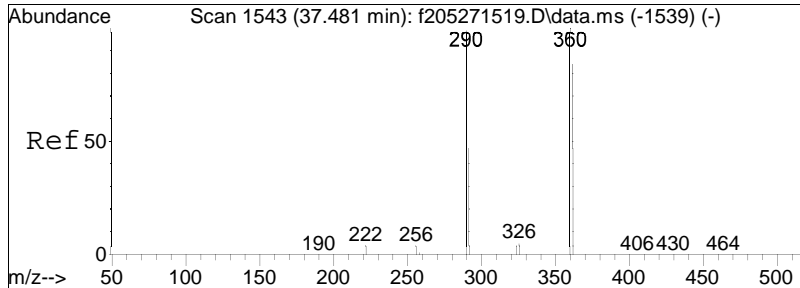




#123
 Cl6-BZ#151
 Concen: 36.98 ng/mL
 RT: 36.254 min Scan# 2444
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

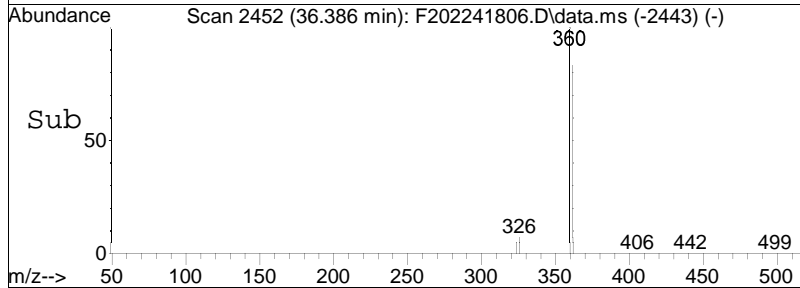
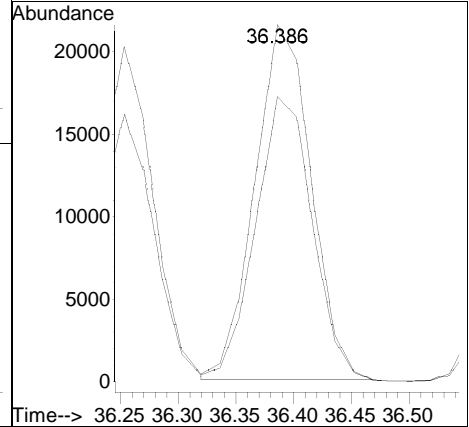
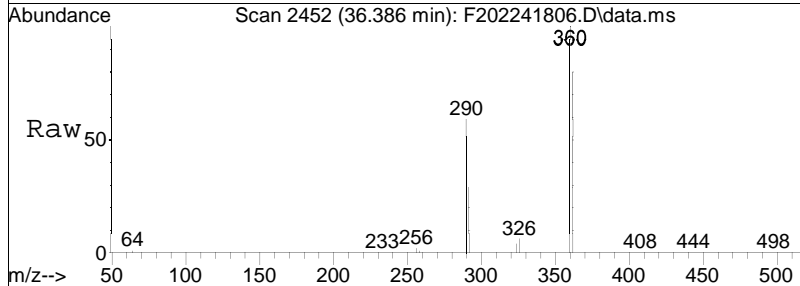
Tgt Ion: 360 Resp: 66679
 Ion Ratio Lower Upper
 360 100
 362 80.0 62.7 94.1

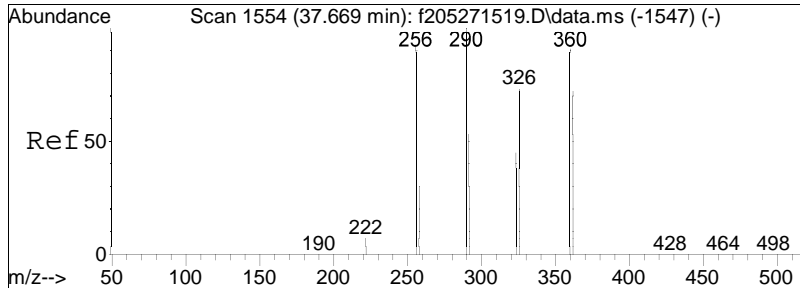




#124
 Cl6-BZ#135
 Concen: 38.12 ng/mL
 RT: 36.386 min Scan# 2452
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

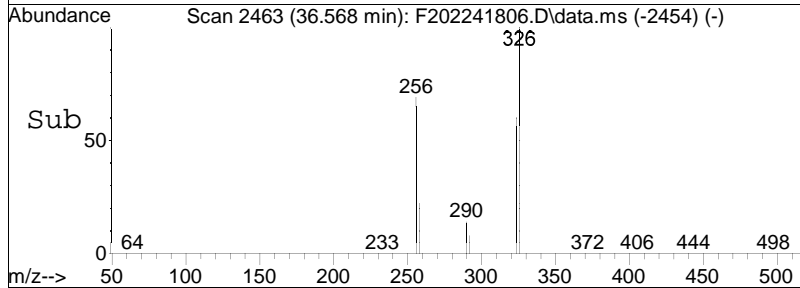
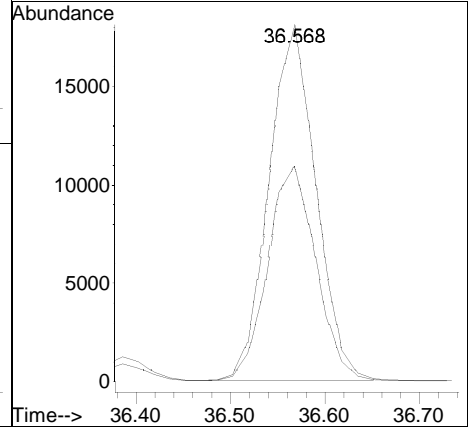
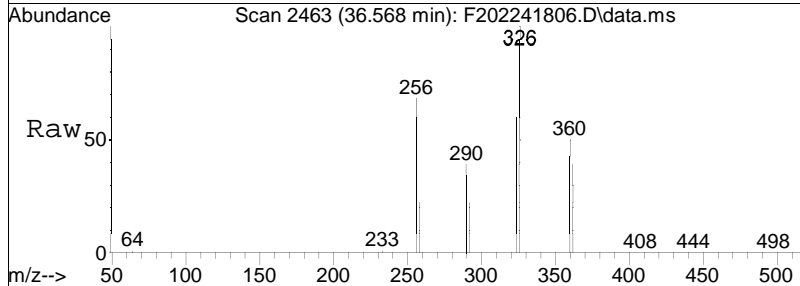
Tgt Ion: 360 Resp: 72860
 Ion Ratio Lower Upper
 360 100
 362 80.3 64.3 96.5

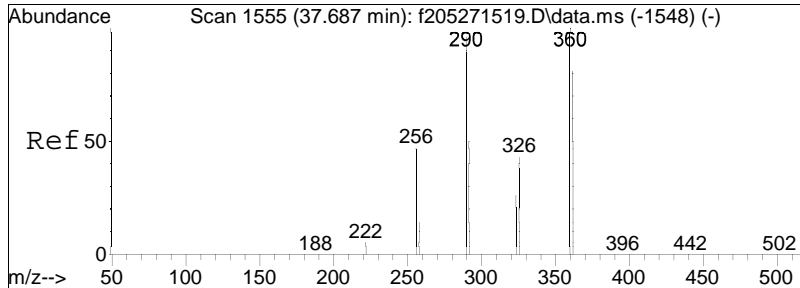




#125
 C15-BZ#82
 Concen: 35.12 ng/mL
 RT: 36.568 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

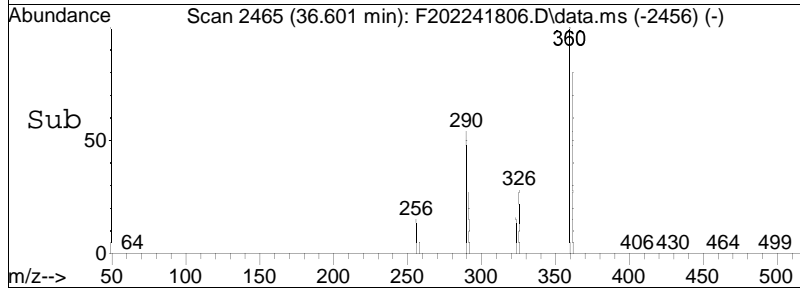
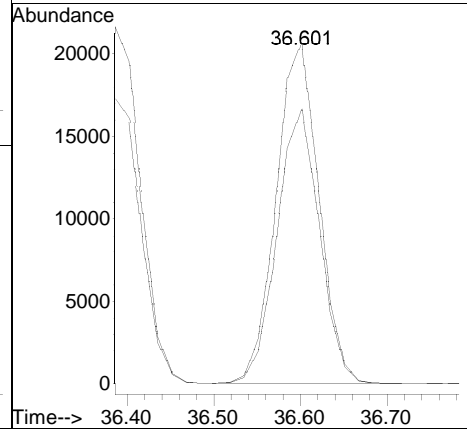
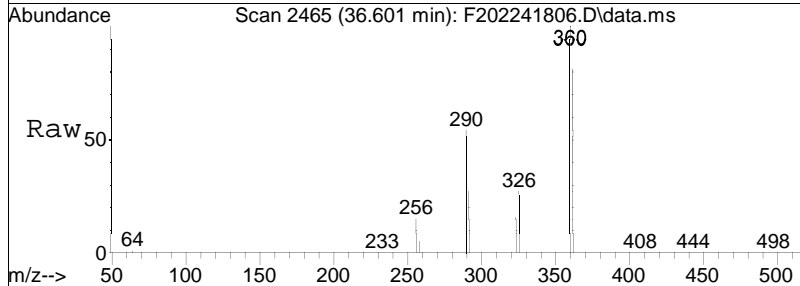
Tgt Ion: 326 Resp: 61998
 Ion Ratio Lower Upper
 326 100
 324 62.0 48.7 73.1

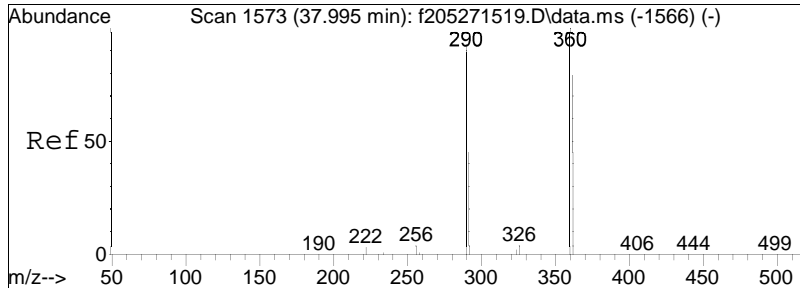




#126
 Cl6-BZ#144
 Concen: 36.10 ng/mL
 RT: 36.601 min Scan# 2465
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

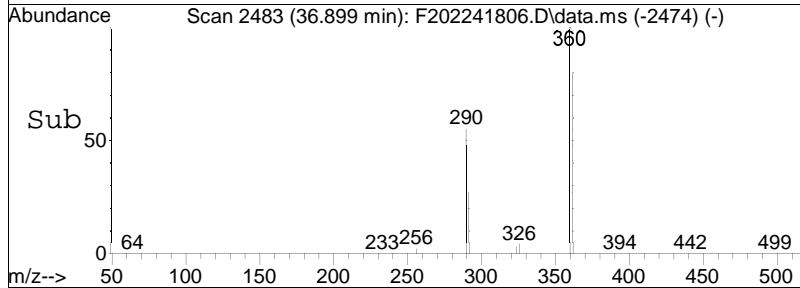
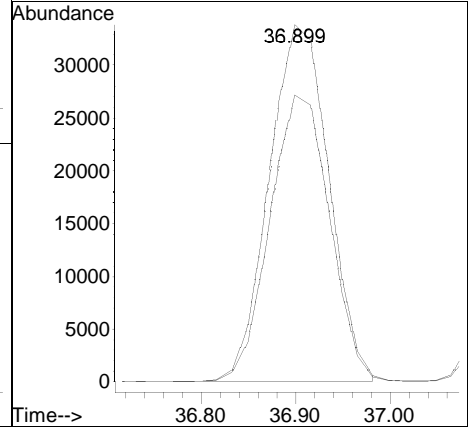
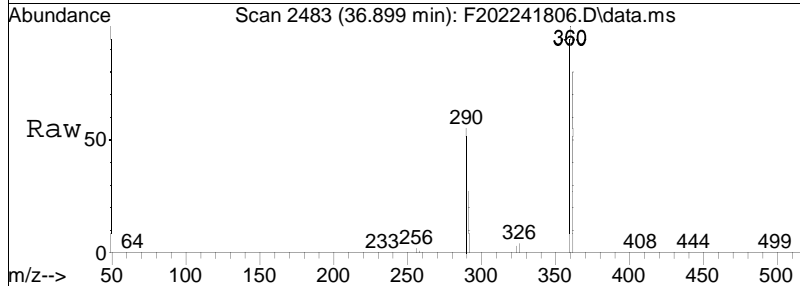
Tgt Ion: 360 Resp: 70183
 Ion Ratio Lower Upper
 360 100
 362 80.1 64.8 97.2

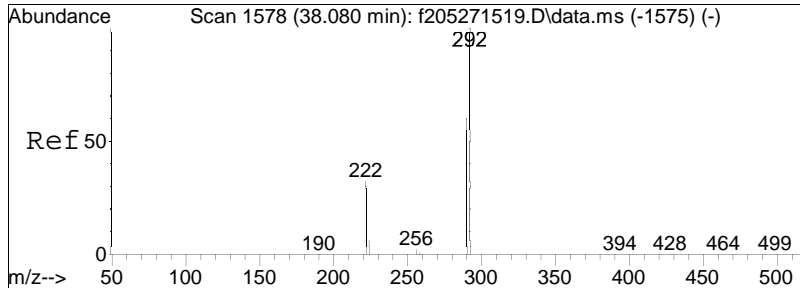




#127
 Cl6-BZ#147/#149
 Concen: 74.02 ng/mL
 RT: 36.899 min Scan# 2483
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

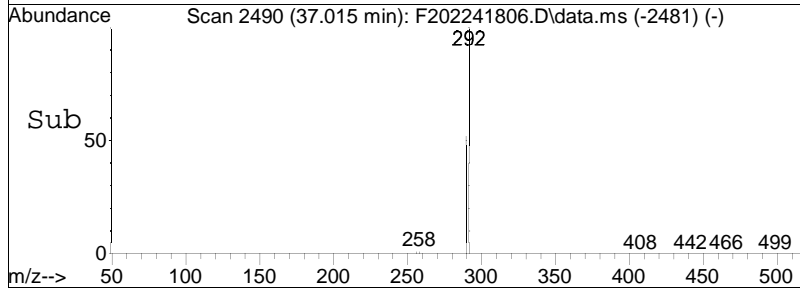
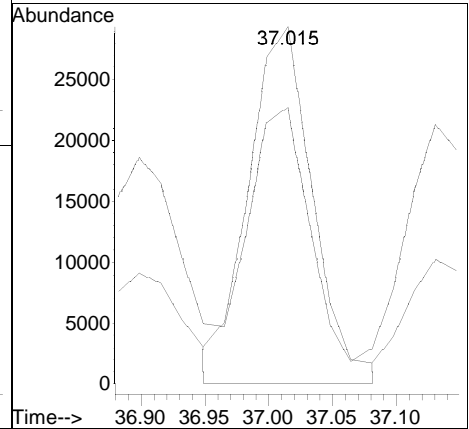
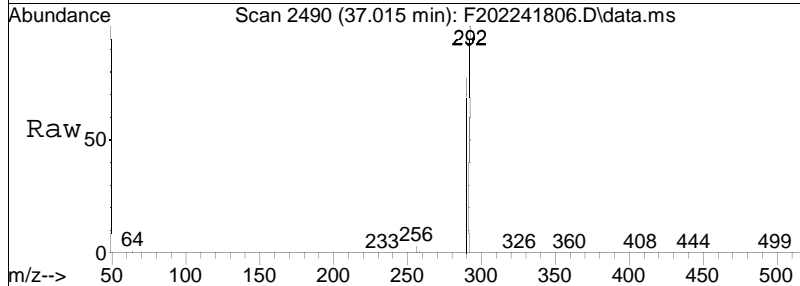
Tgt Ion: 360 Resp: 147933
 Ion Ratio Lower Upper
 360 100
 362 80.1 62.6 94.0

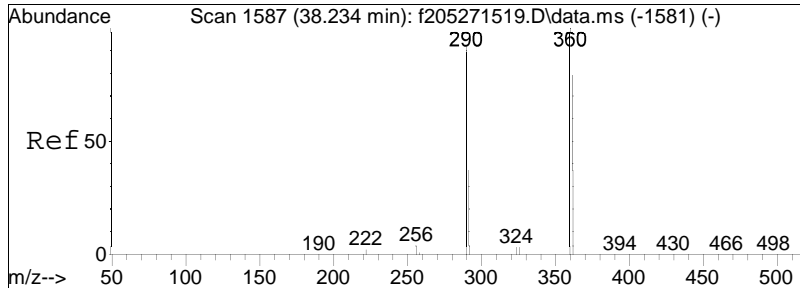




#128
 Cl4-BZ#77-RTW
 Concen: 39.16 ng/mL M4
 RT: 37.015 min Scan# 2490
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

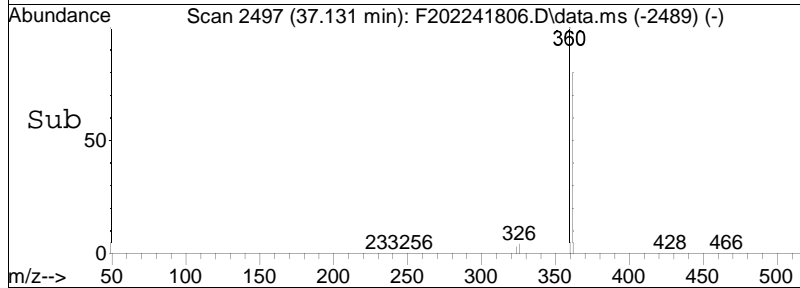
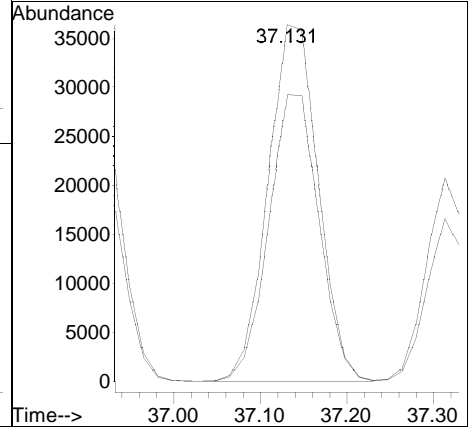
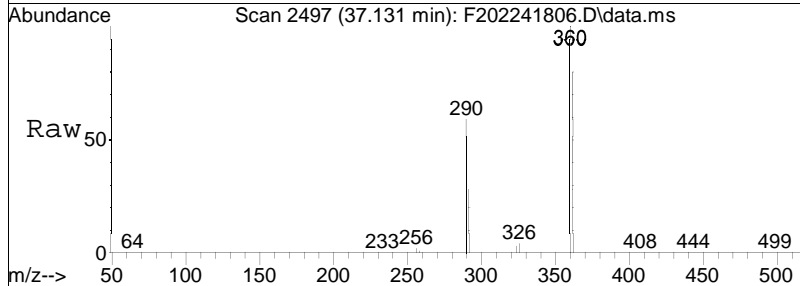
Tgt Ion: 292 Resp: 102337
 Ion Ratio Lower Upper
 292 100
 290 77.4 62.0 93.0

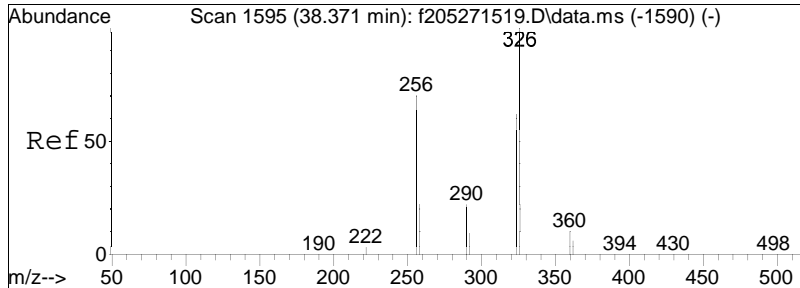




#129
 Cl6-BZ#143/#139
 Concen: 71.75 ng/mL
 RT: 37.131 min Scan# 2497
 Delta R.T. -0.016 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

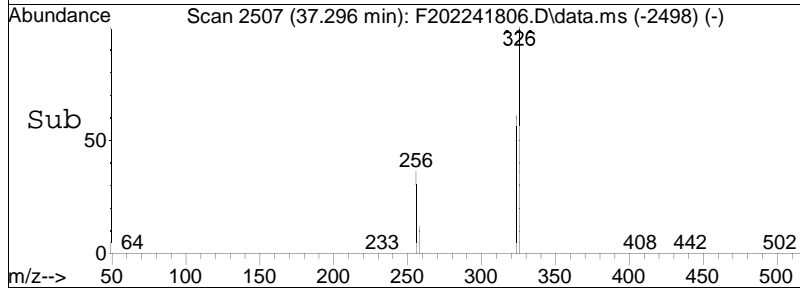
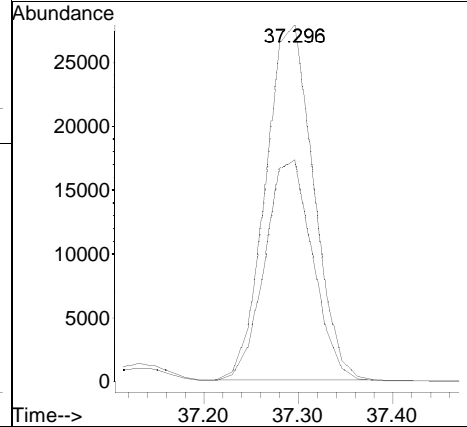
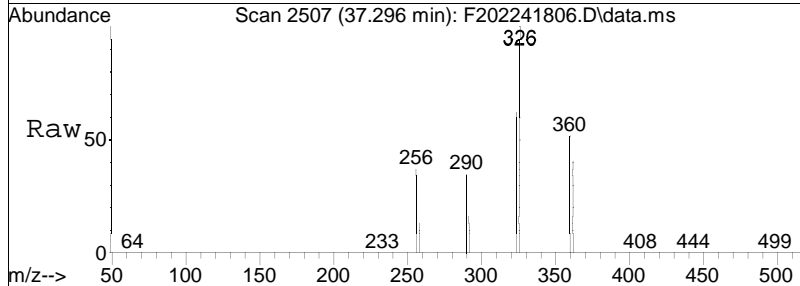
Tgt Ion: 360 Resp: 145979
 Ion Ratio Lower Upper
 360 100
 362 80.4 64.7 97.1

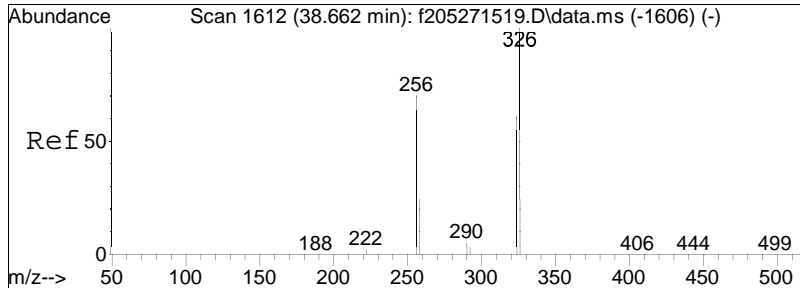




#130
 C15-BZ#124
 Concen: 37.39 ng/mL
 RT: 37.296 min Scan# 2507
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

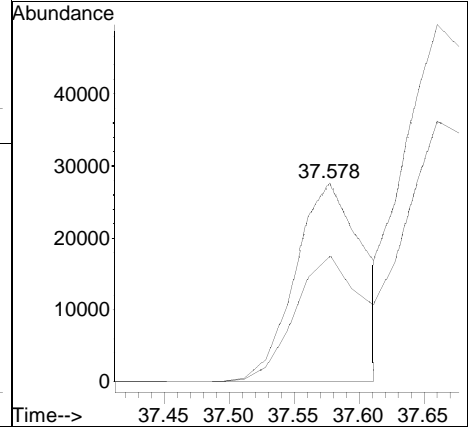
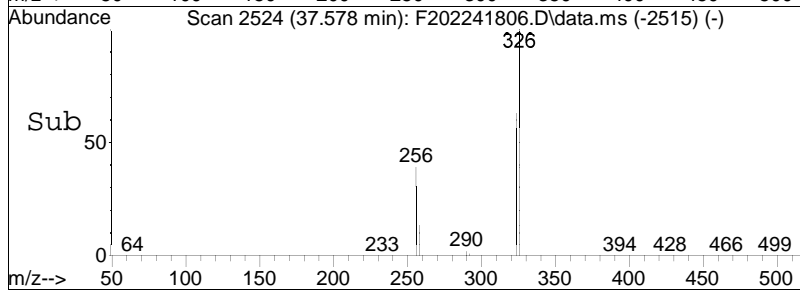
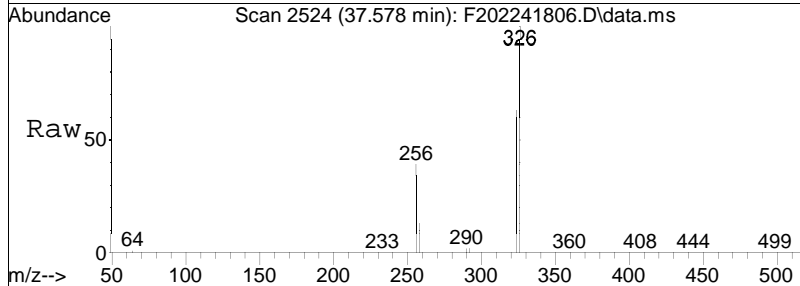
Tgt Ion: 326 Resp: 97659
 Ion Ratio Lower Upper
 326 100
 324 62.2 49.2 73.8

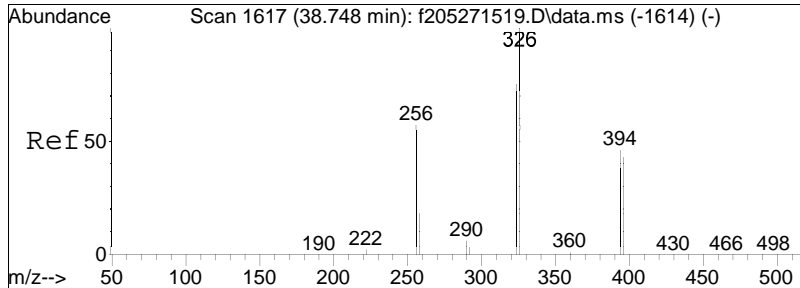




#131
 C15-BZ#108
 Concen: 38.81 ng/mL
 RT: 37.578 min Scan# 2524
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

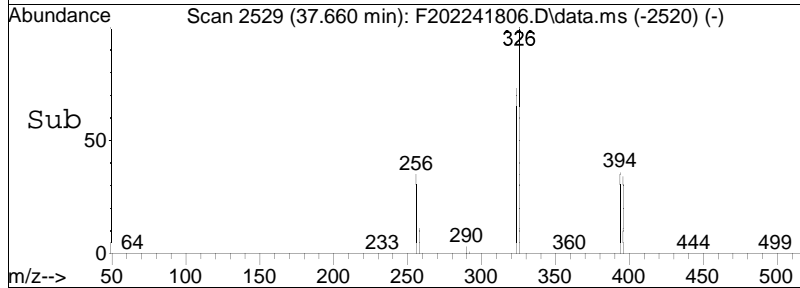
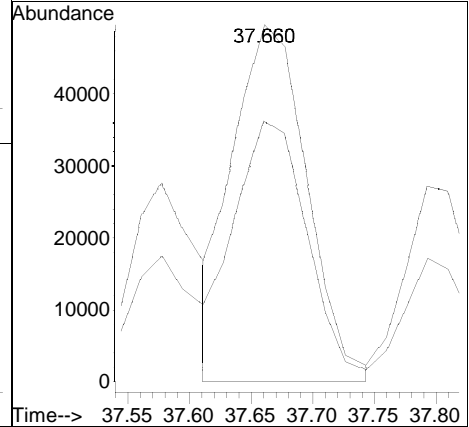
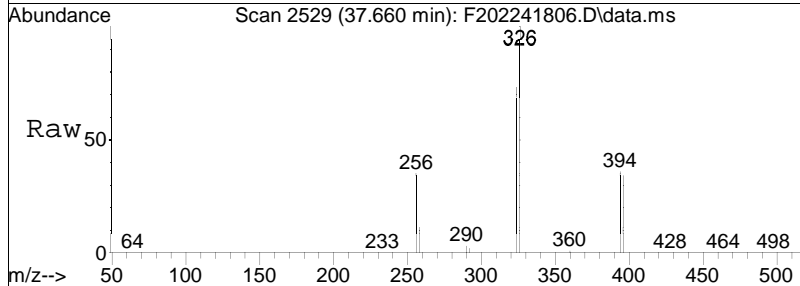
Tgt Ion: 326 Resp: 101854
 Ion Ratio Lower Upper
 326 100
 324 63.2 50.0 75.0

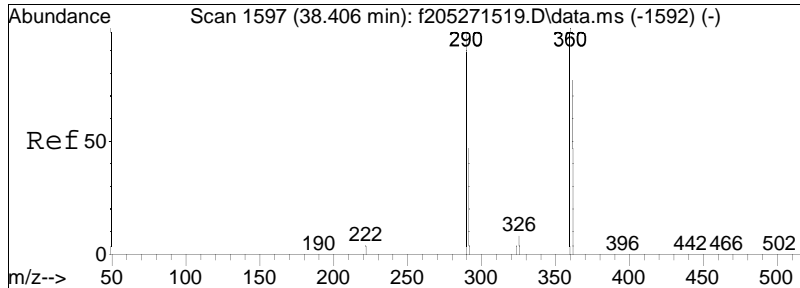




#132
 C15-BZ#107/#123
 Concen: 74.56 ng/mL M4
 RT: 37.660 min Scan# 2529
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

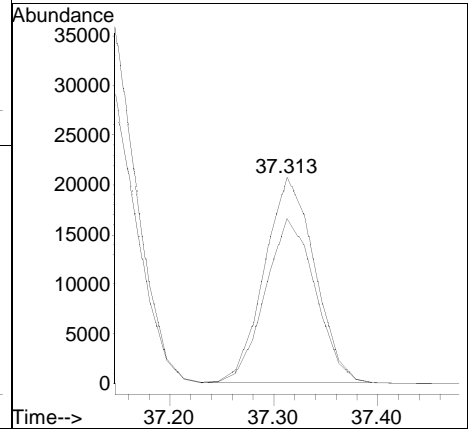
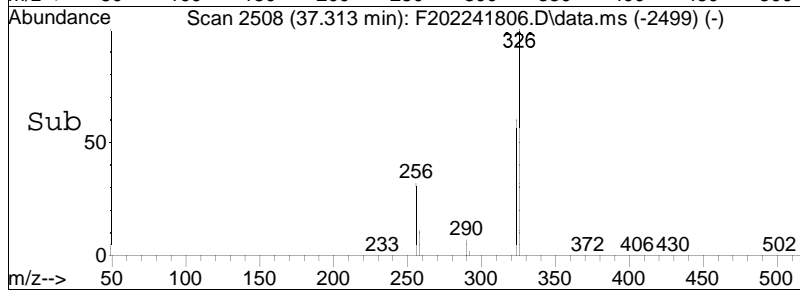
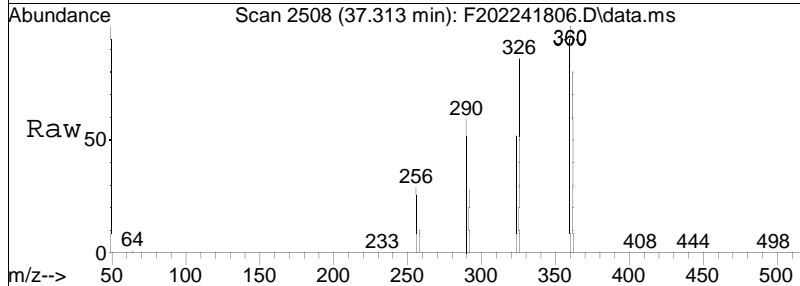
Tgt Ion: 326 Resp: 207685
 Ion Ratio Lower Upper
 326 100
 324 65.8 57.6 86.4

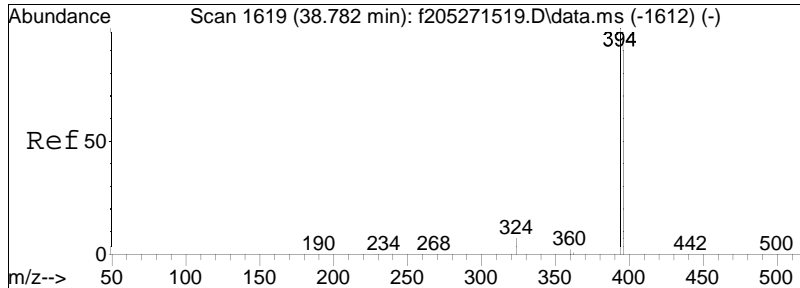




#133
 Cl6-BZ#140
 Concen: 35.87 ng/mL
 RT: 37.313 min Scan# 2508
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

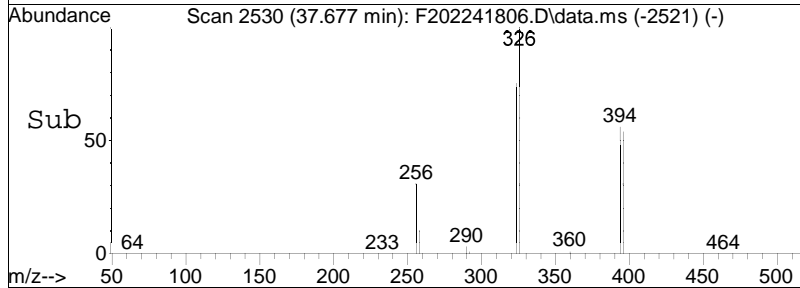
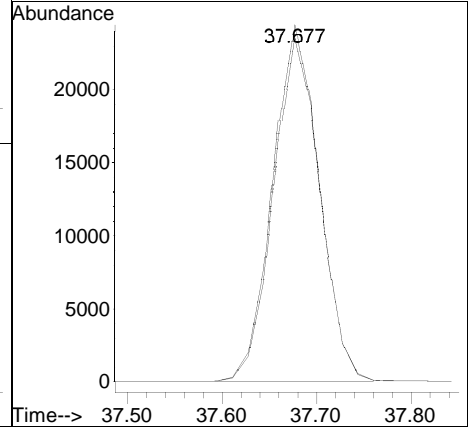
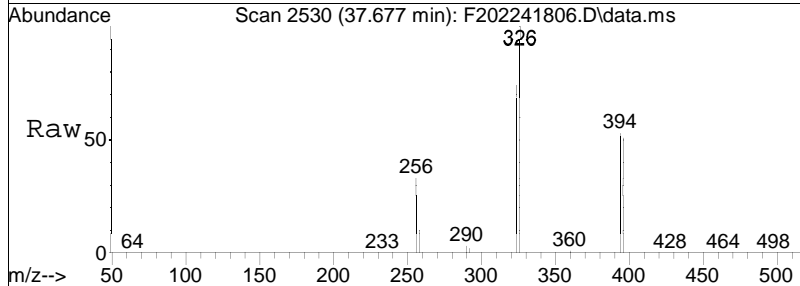
Tgt Ion: 360 Resp: 69198
 Ion Ratio Lower Upper
 360 100
 362 80.2 64.8 97.2

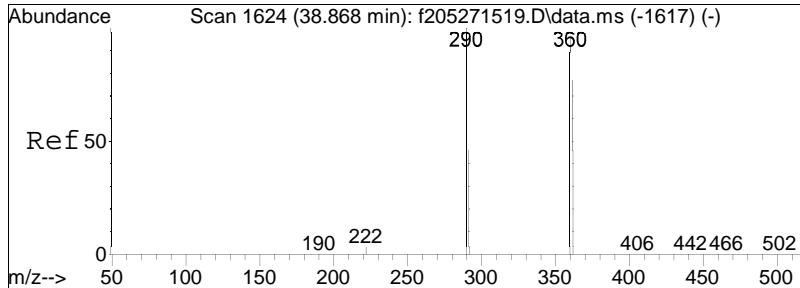




#134
 Cl7-BZ#188-Cal/RTW
 Concen: 35.09 ng/mL
 RT: 37.677 min Scan# 2530
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

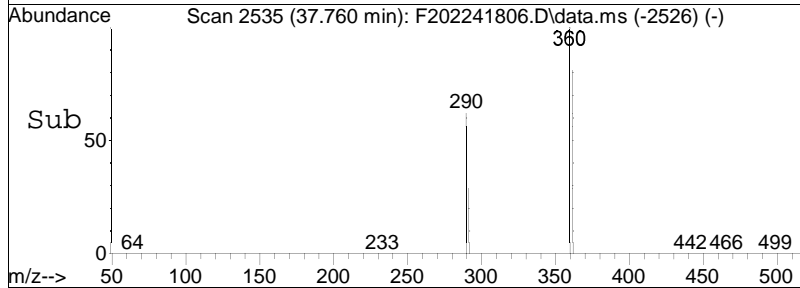
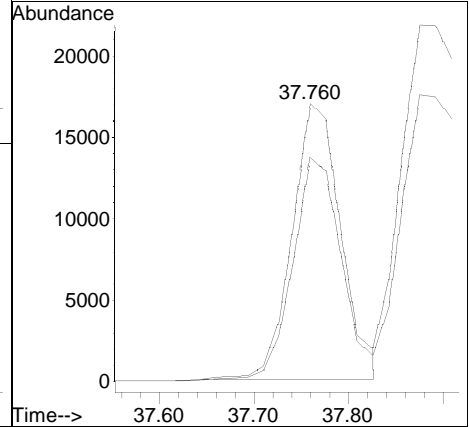
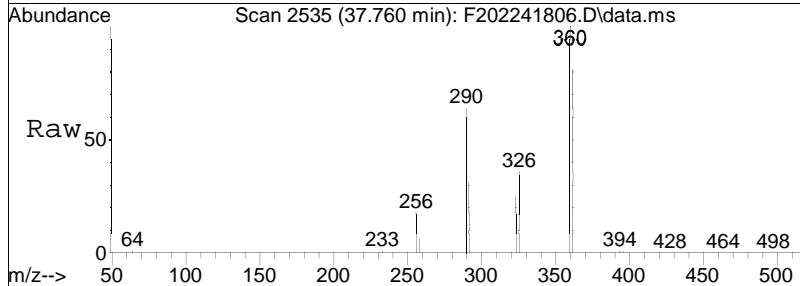
Tgt Ion: 394 Resp: 83031
 Ion Ratio Lower Upper
 394 100
 396 96.1 76.3 114.5

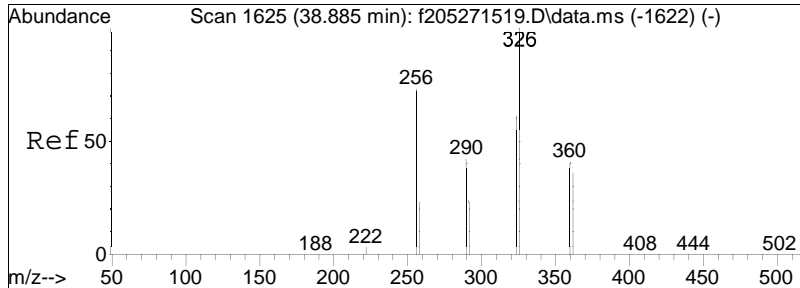




#137
 Cl6-BZ#134
 Concen: 36.53 ng/mL
 RT: 37.760 min Scan# 2535
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

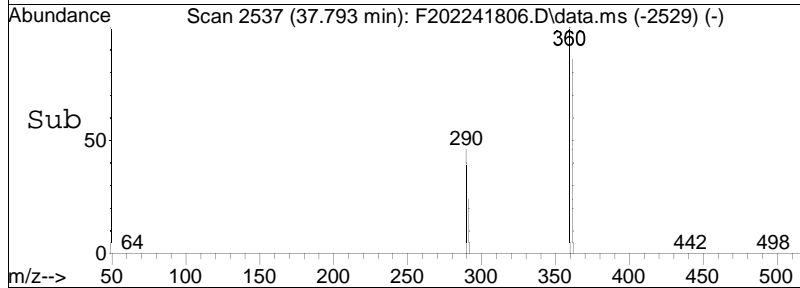
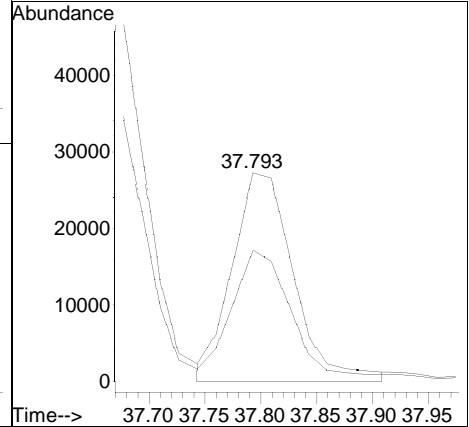
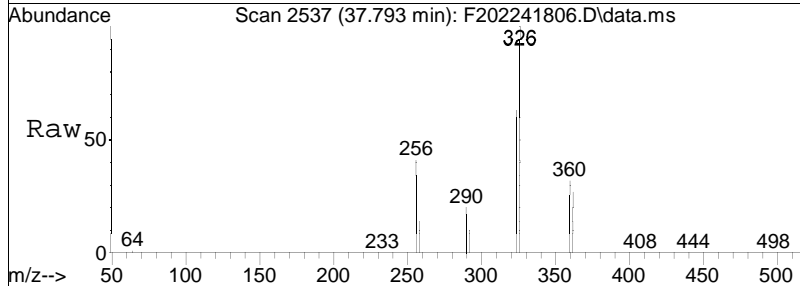
Tgt Ion:	360	Resp:	60735
Ion Ratio	Lower	Upper	
360	100		
362	80.5	61.2	91.8

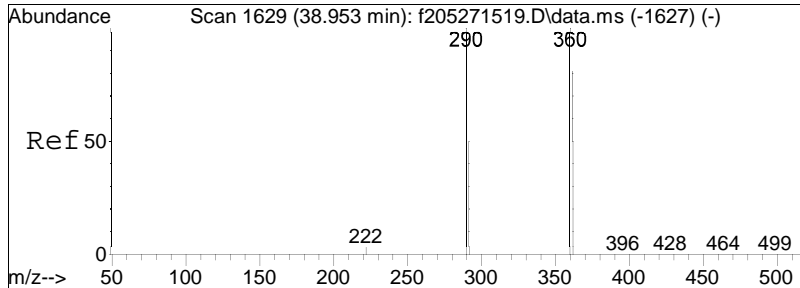




#138
 C15-BZ#106
 Concen: 37.40 ng/mL M4
 RT: 37.793 min Scan# 2537
 Delta R.T. -0.016 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

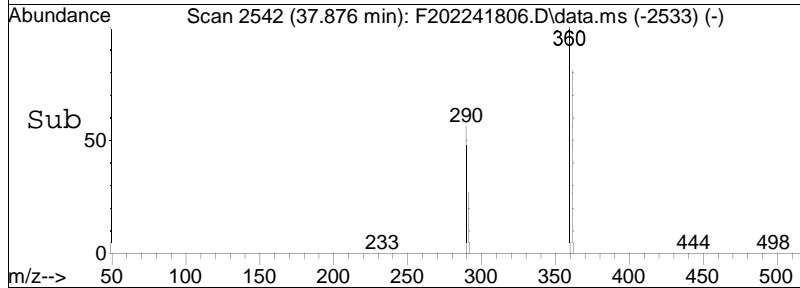
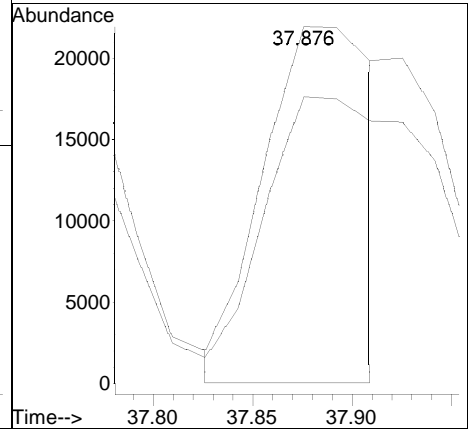
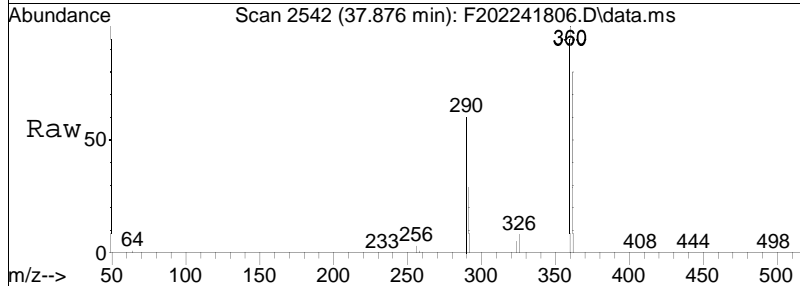
Tgt Ion: 326 Resp: 103746
 Ion Ratio Lower Upper
 326 100
 324 53.3 49.8 74.8

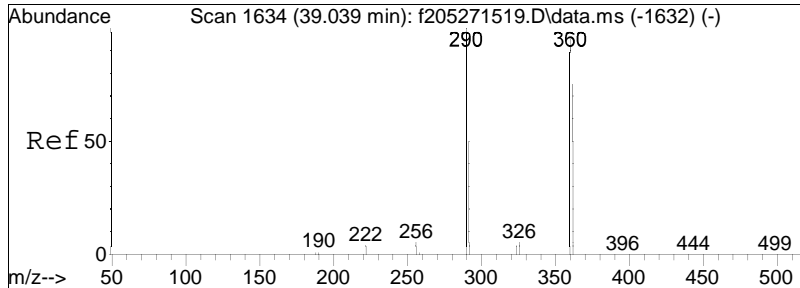




#139
 Cl6-BZ#133
 Concen: 39.11 ng/mL M3
 RT: 37.876 min Scan# 2542
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

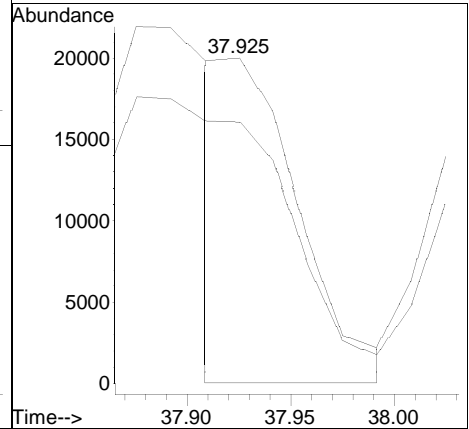
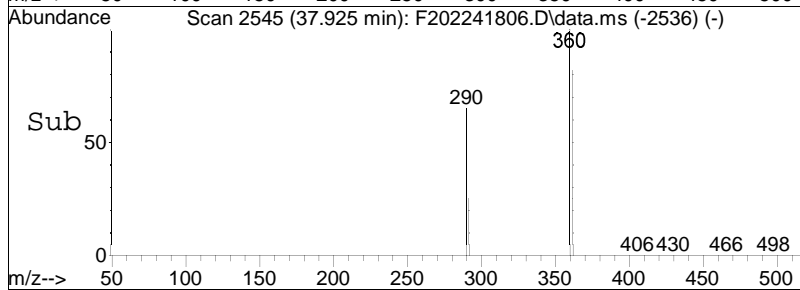
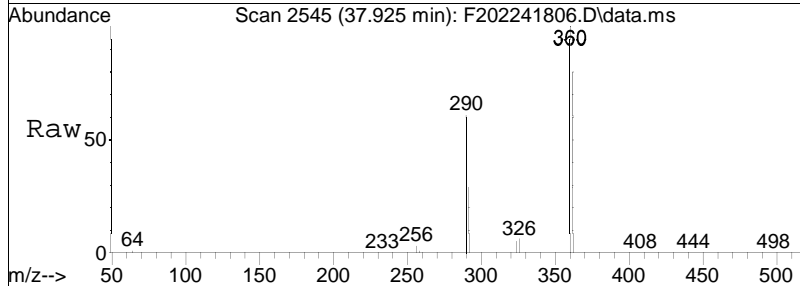
Tgt Ion: 360 Resp: 84016
 Ion Ratio Lower Upper
 360 100
 362 108.7 62.5 93.7#

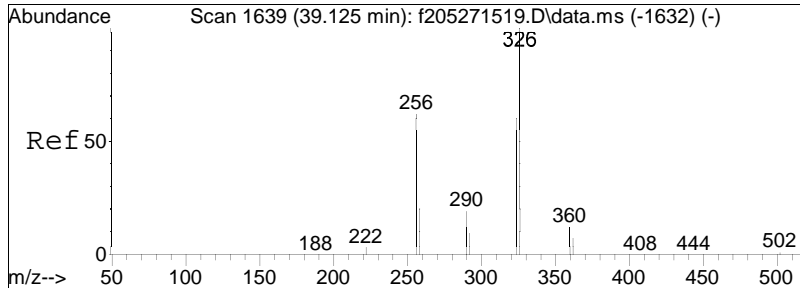




#140
 Cl6-BZ#142
 Concen: 32.06 ng/mL M3
 RT: 37.925 min Scan# 2545
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

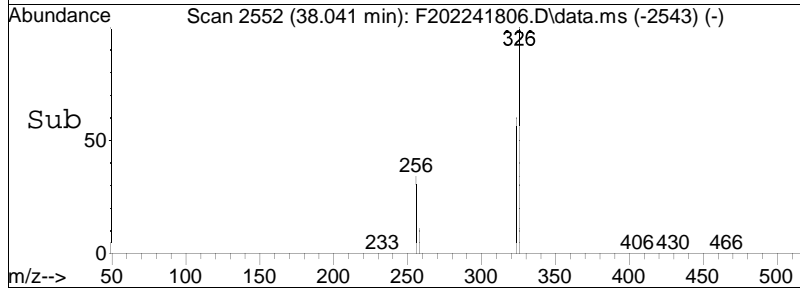
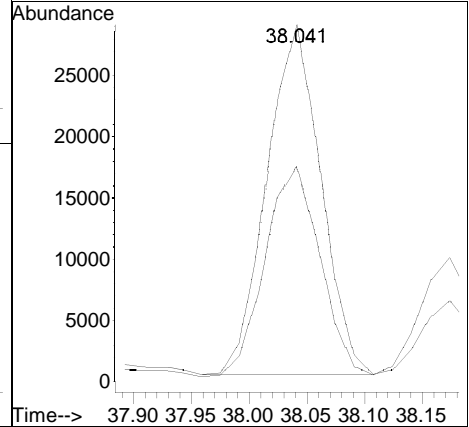
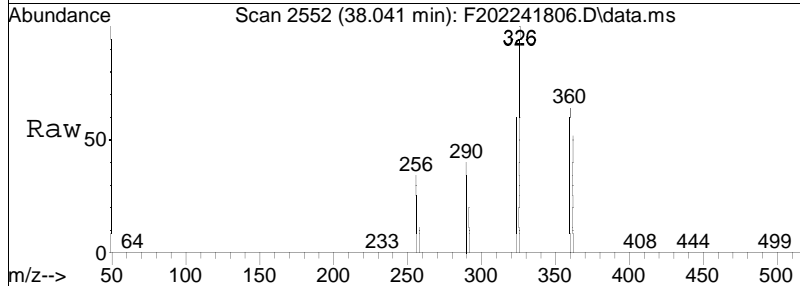
Tgt Ion: 360 Resp: 49950
 Ion Ratio Lower Upper
 360 100
 362 185.3 63.2 94.8#

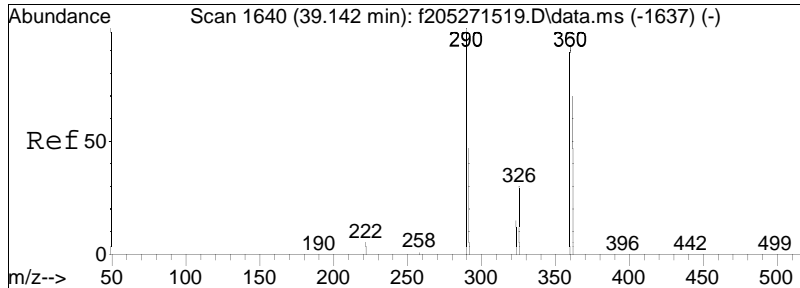




#141
 C15-BZ#118
 Concen: 37.06 ng/mL
 RT: 38.041 min Scan# 2552
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

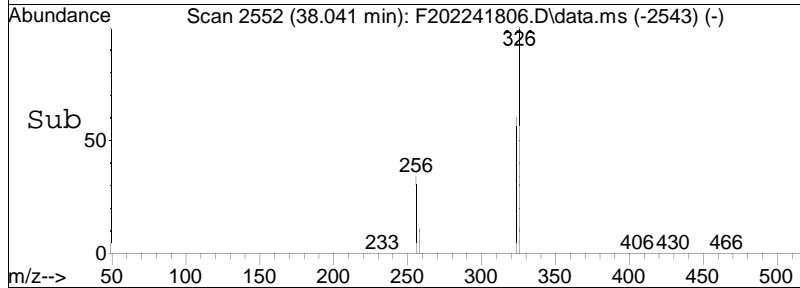
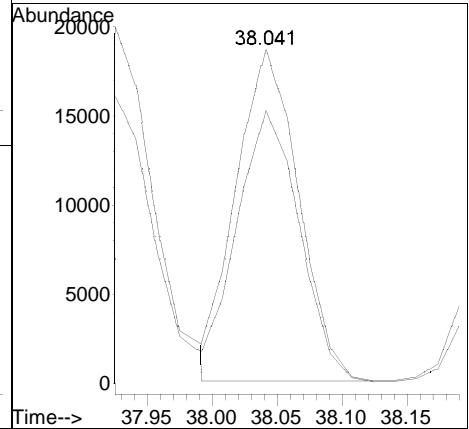
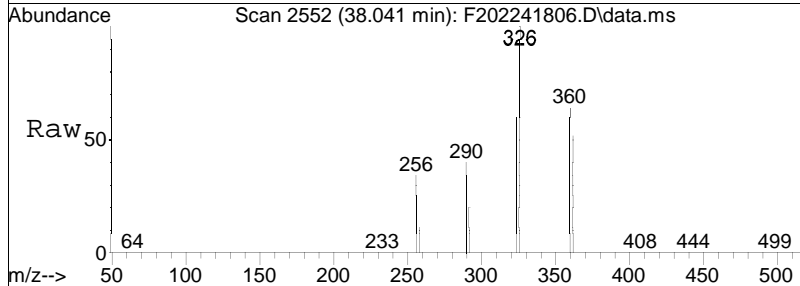
Tgt Ion: 326 Resp: 92480
 Ion Ratio Lower Upper
 326 100
 324 61.6 51.4 77.0

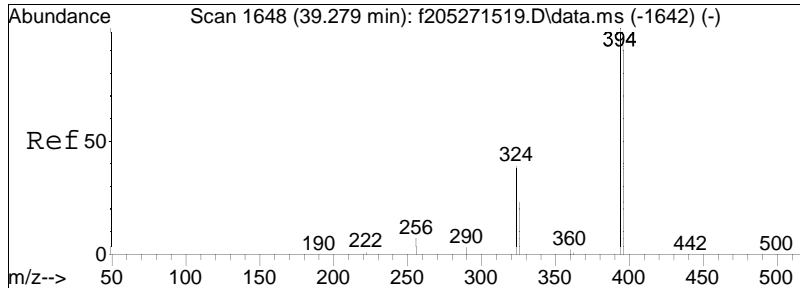




#142
 Cl6-BZ#131
 Concen: 37.64 ng/mL
 RT: 38.041 min Scan# 2552
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

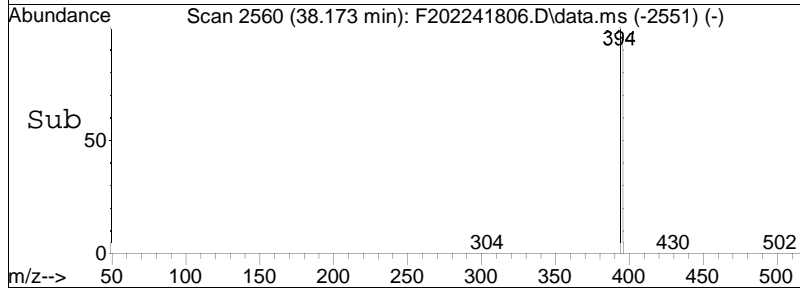
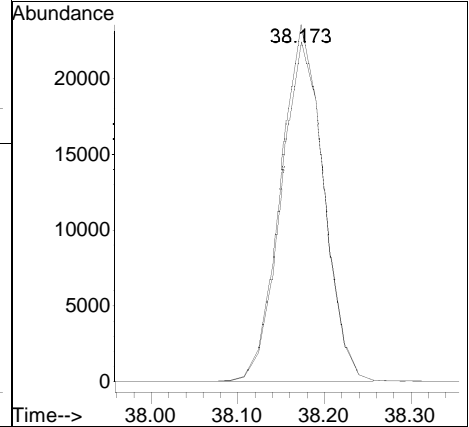
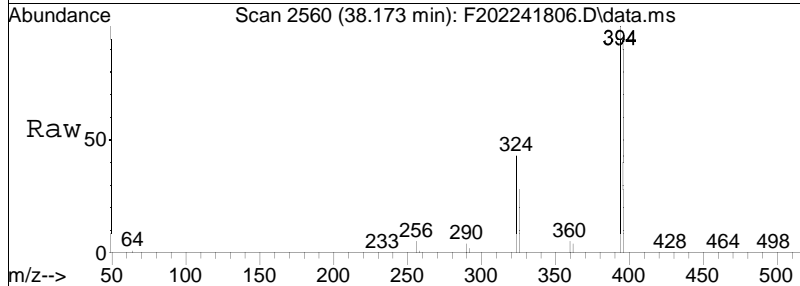
Tgt Ion: 360 Resp: 61798
 Ion Ratio Lower Upper
 360 100
 362 81.9 64.2 96.4

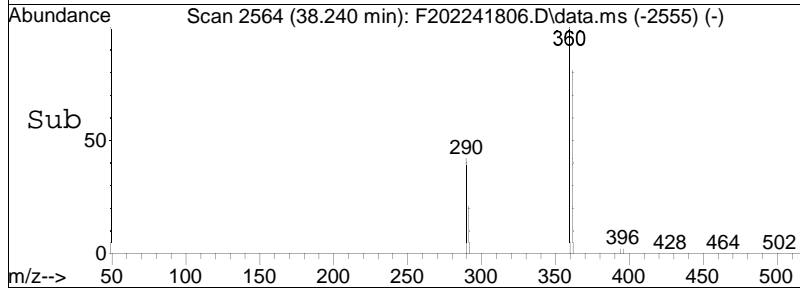
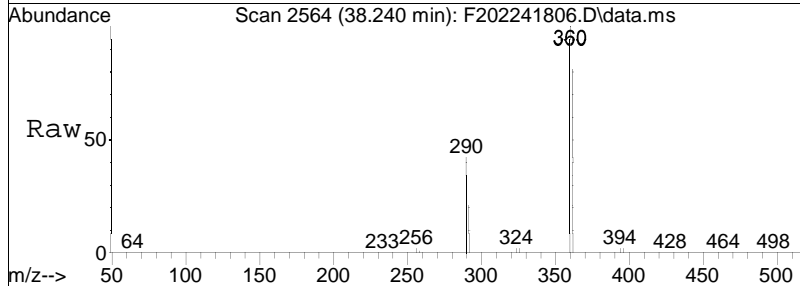
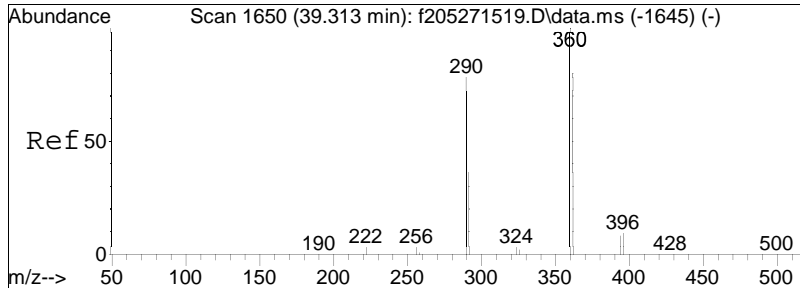




#143
 C17-BZ#184
 Concen: 34.86 ng/mL
 RT: 38.173 min Scan# 2560
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

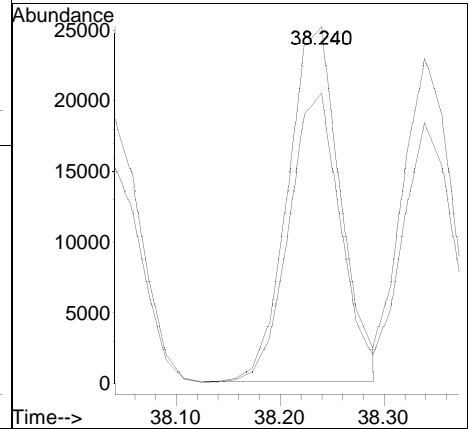
Tgt Ion: 394 Resp: 80115
 Ion Ratio Lower Upper
 394 100
 396 96.3 75.3 112.9

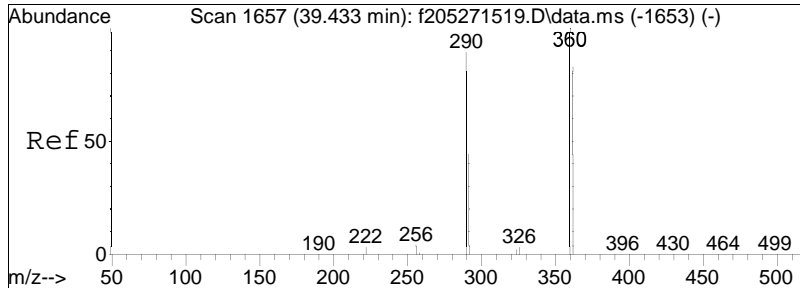




#144
 Cl6-BZ#165
 Concen: 37.18 ng/mL
 RT: 38.240 min Scan# 2564
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

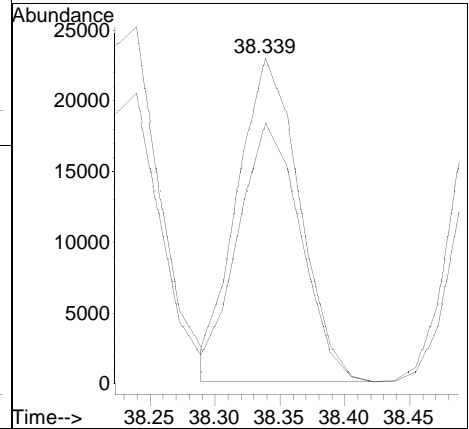
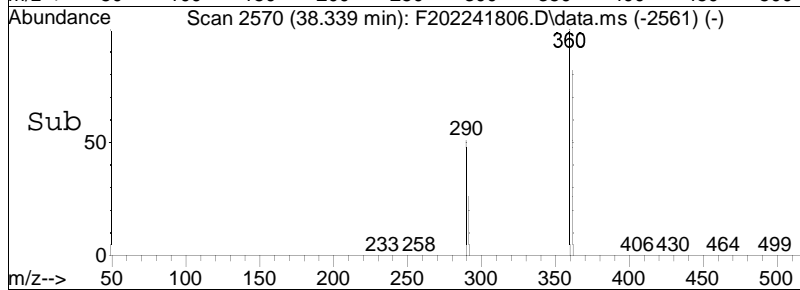
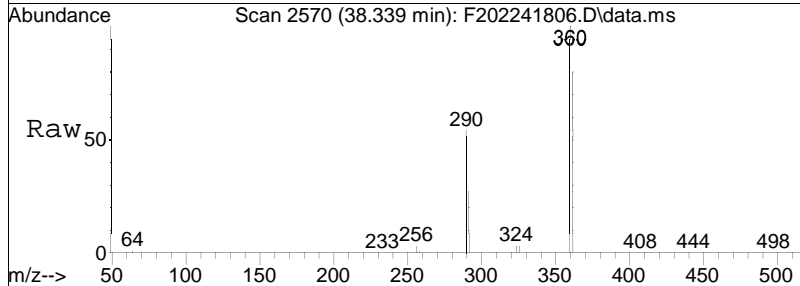
Tgt Ion: 360 Resp: 88182
 Ion Ratio Lower Upper
 360 100
 362 80.8 65.8 98.8

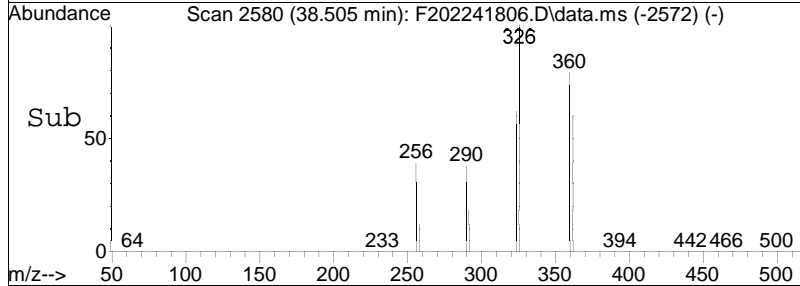
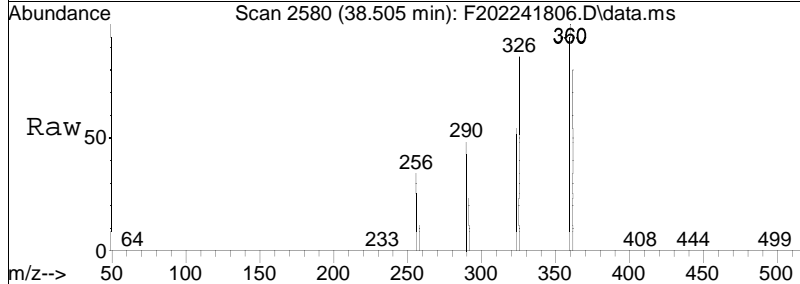
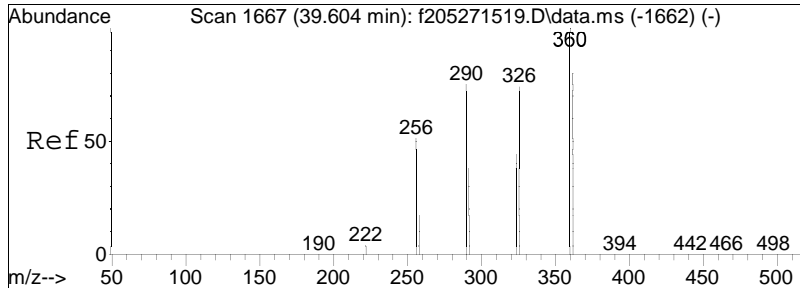




#145
 Cl6-BZ#146
 Concen: 37.62 ng/mL
 RT: 38.339 min Scan# 2570
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

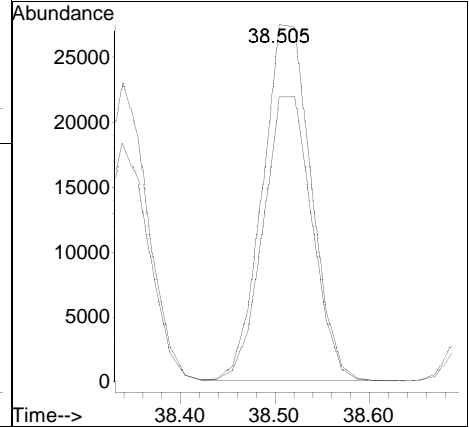
Tgt Ion: 360 Resp: 75928
 Ion Ratio Lower Upper
 360 100
 362 80.5 63.4 95.0

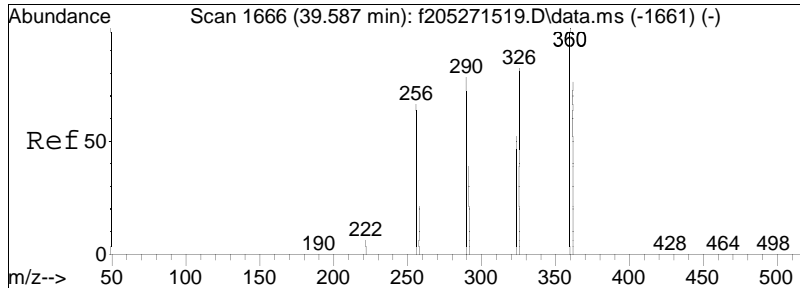




#146
 Cl6-BZ#161
 Concen: 36.96 ng/mL
 RT: 38.505 min Scan# 2580
 Delta R.T. -0.016 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

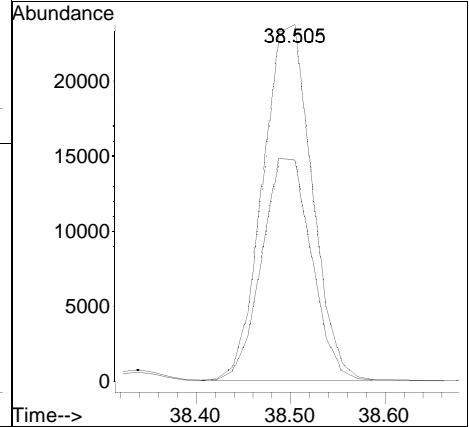
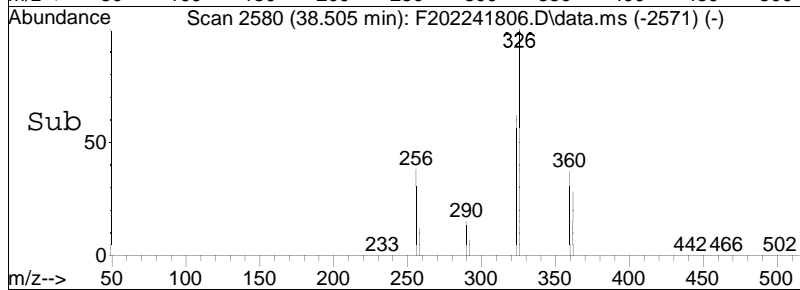
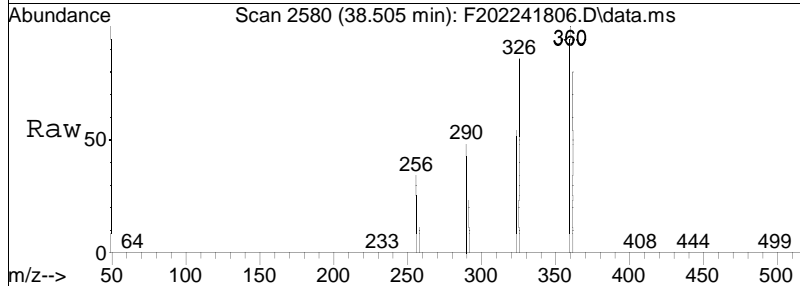
Tgt Ion:	360	Resp:	98174
Ion Ratio	Lower	Upper	
360	100		
362	80.0	64.0	96.0

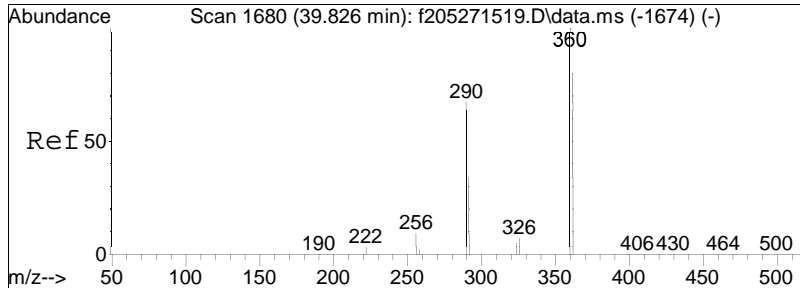




#147
 C15-BZ#122
 Concen: 37.31 ng/mL
 RT: 38.505 min Scan# 2580
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

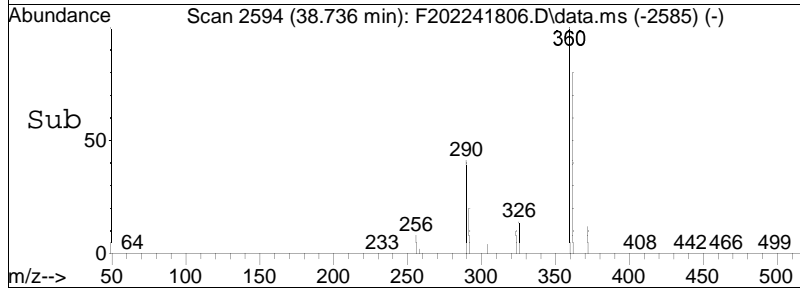
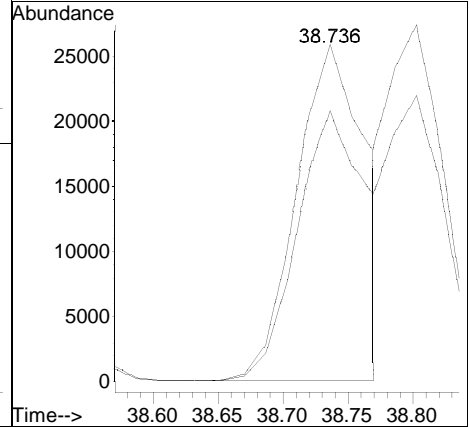
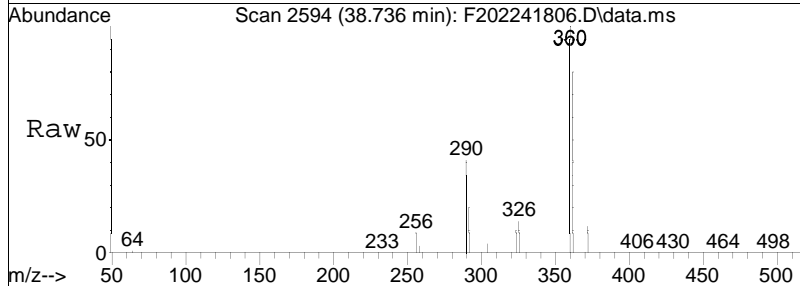
Tgt Ion: 326 Resp: 85126
 Ion Ratio Lower Upper
 326 100
 324 63.4 50.1 75.1

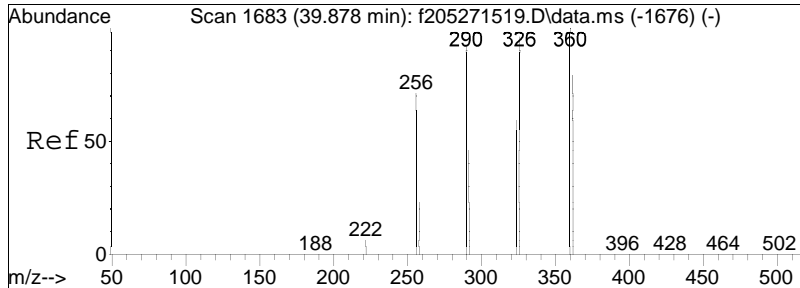




#148
 Cl6-BZ#168
 Concen: 38.65 ng/mL
 RT: 38.736 min Scan# 2594
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

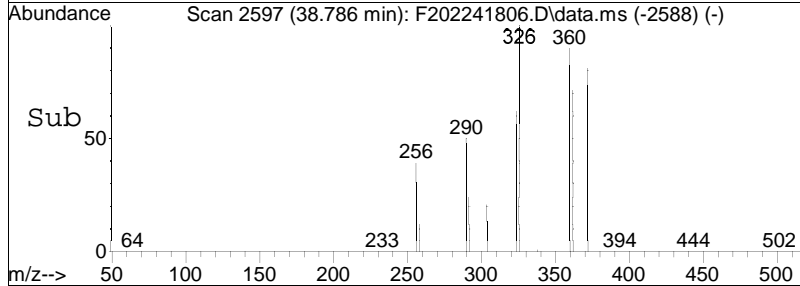
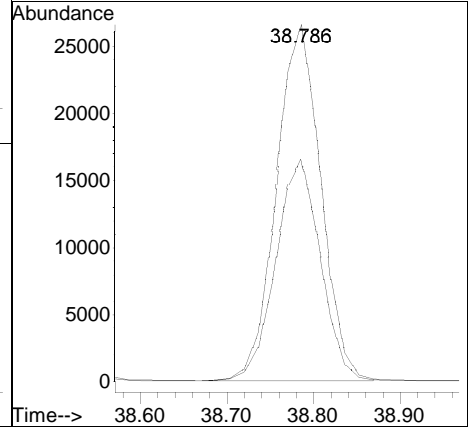
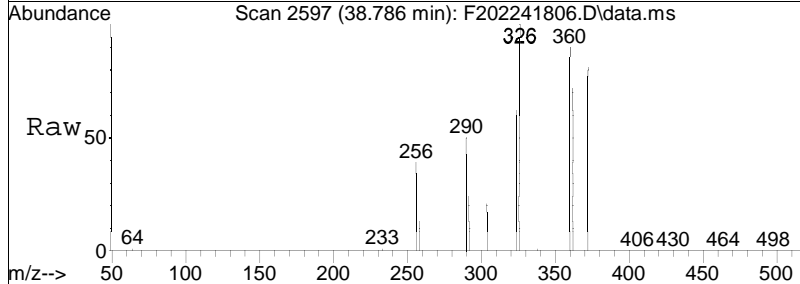
Tgt Ion:	360	Resp:	96529
Ion Ratio	Lower	Upper	
360	100		
362	79.6	64.2	96.4

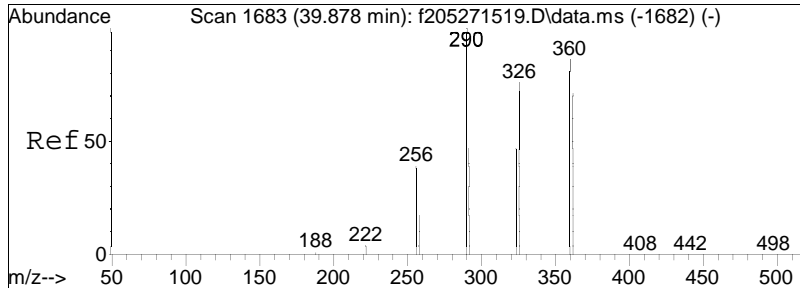




#149
 C15-BZ#114
 Concen: 36.30 ng/mL
 RT: 38.786 min Scan# 2597
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

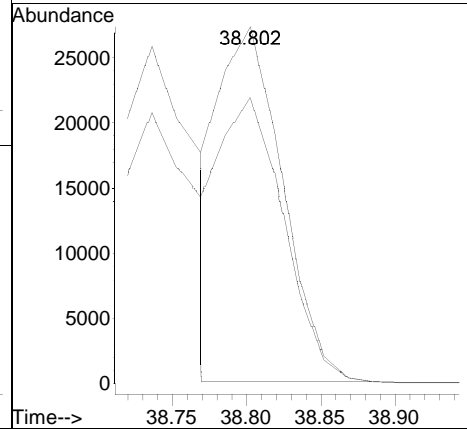
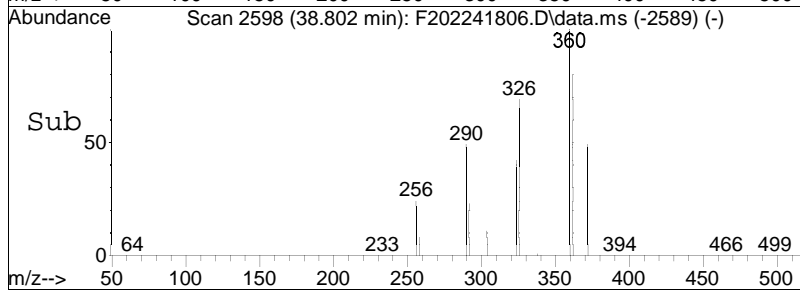
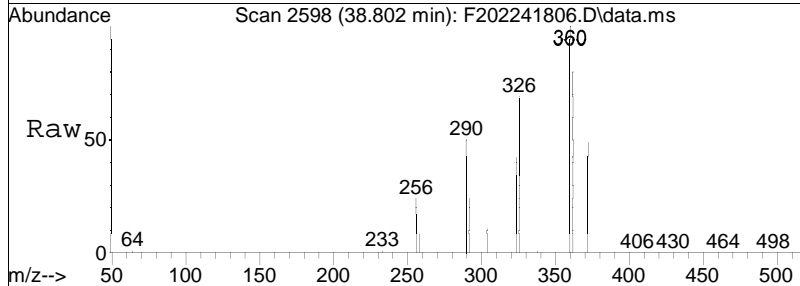
Tgt Ion: 326 Resp: 94356
 Ion Ratio Lower Upper
 326 100
 324 62.4 50.4 75.6

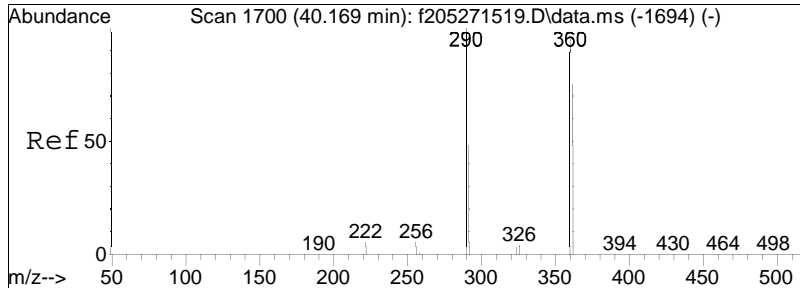




#150
 Cl6-BZ#153
 Concen: 34.63 ng/mL
 RT: 38.802 min Scan# 2598
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

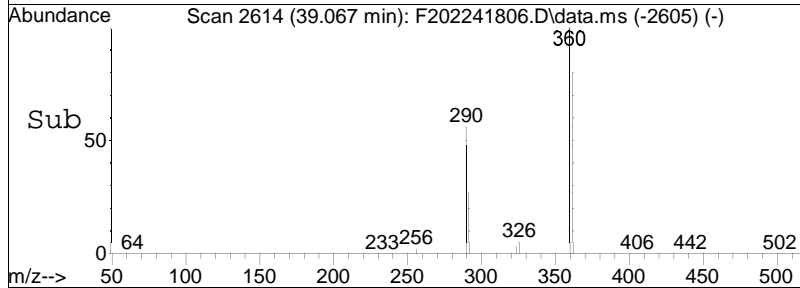
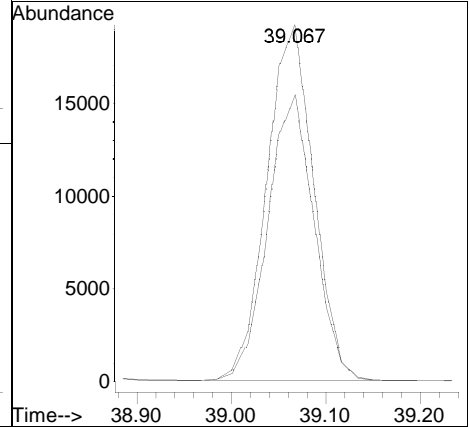
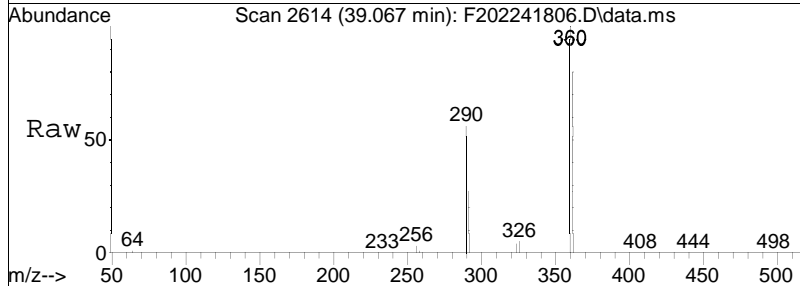
Tgt Ion: 360 Resp: 79663
 Ion Ratio Lower Upper
 360 100
 362 81.3 63.0 94.6

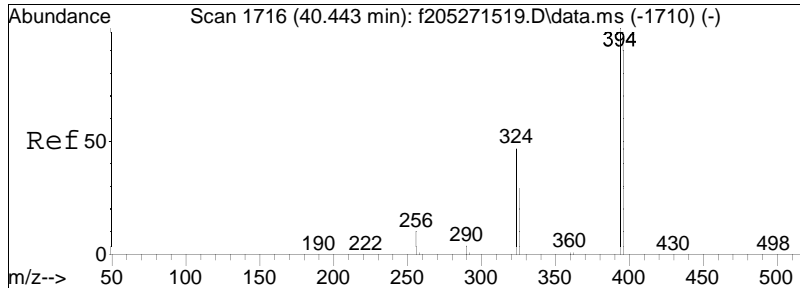




#152
 Cl6-BZ#132
 Concen: 35.48 ng/mL
 RT: 39.067 min Scan# 2614
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

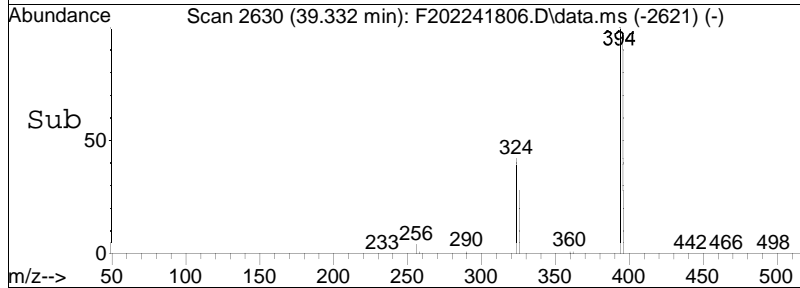
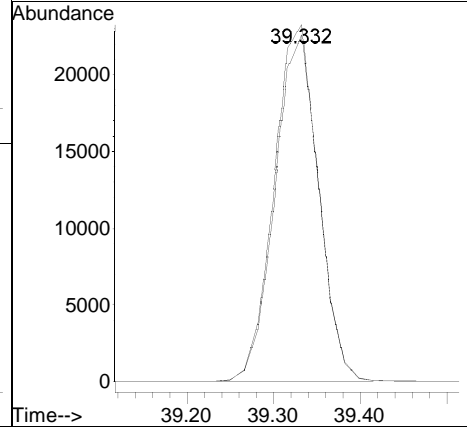
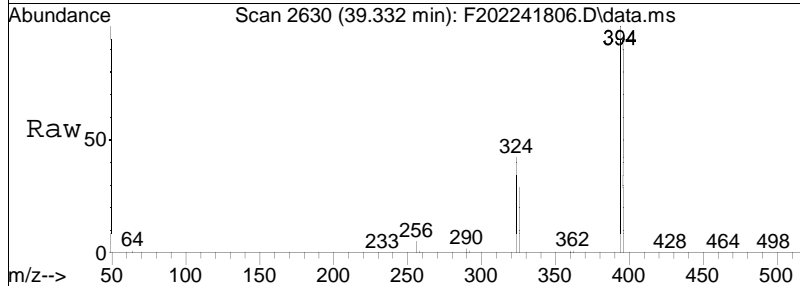
Tgt Ion: 360 Resp: 65897
 Ion Ratio Lower Upper
 360 100
 362 79.5 65.2 97.8

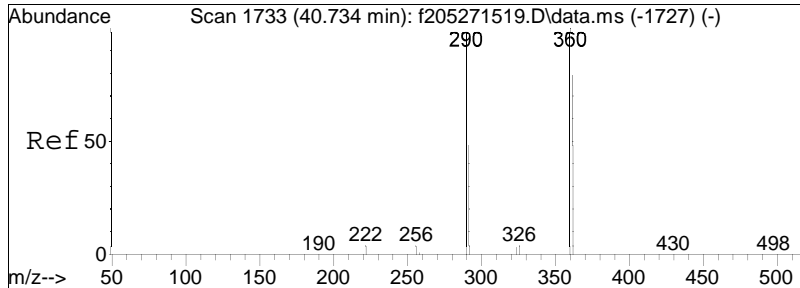




#153
 C17-BZ#179
 Concen: 36.29 ng/mL
 RT: 39.332 min Scan# 2630
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

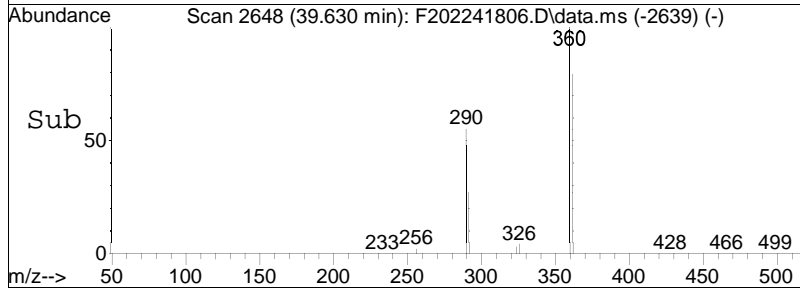
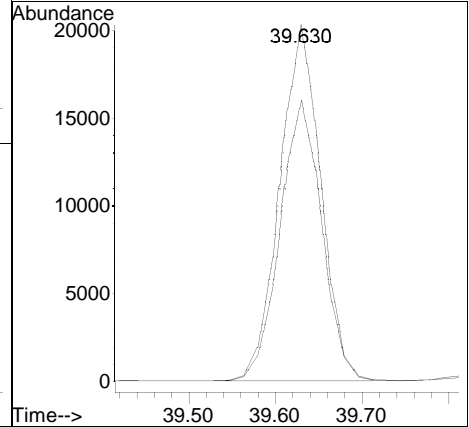
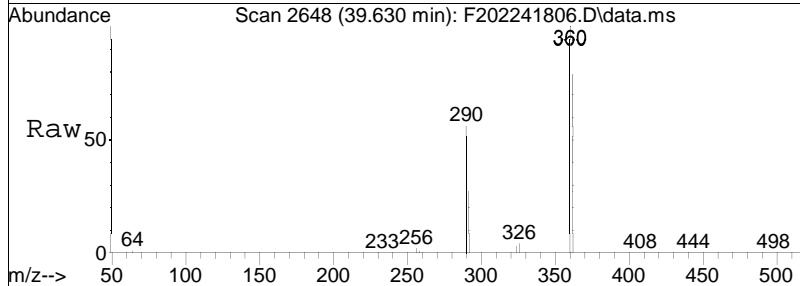
Tgt Ion	Resp	Lower	Upper
394	100		
396	96.4	76.2	114.4

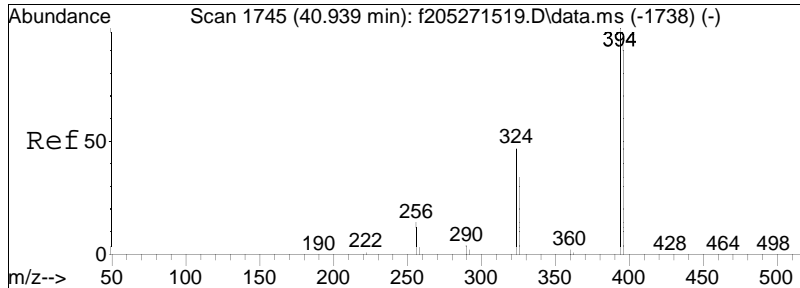




#154
 Cl6-BZ#141
 Concen: 39.84 ng/mL
 RT: 39.630 min Scan# 2648
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

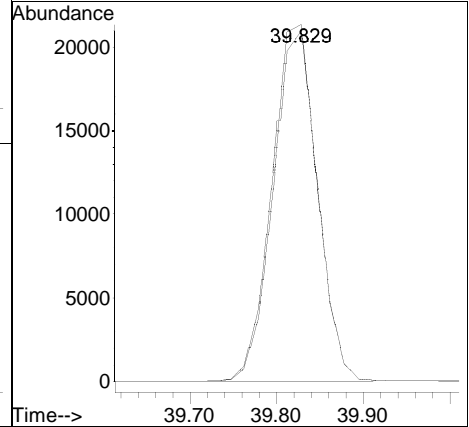
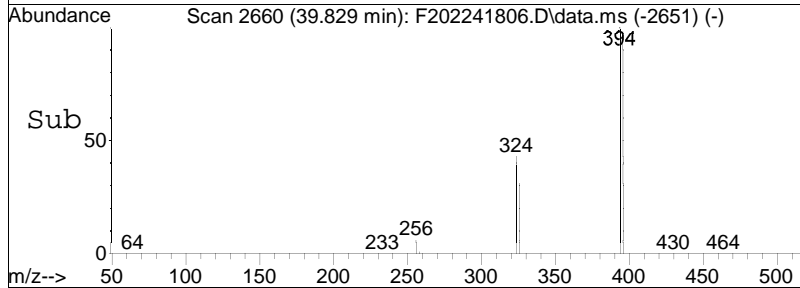
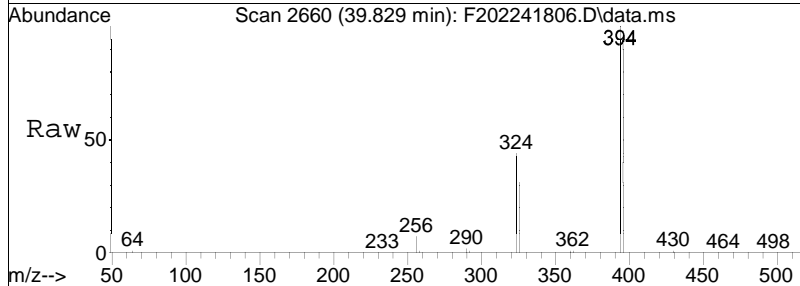
Tgt Ion: 360 Resp: 66339
 Ion Ratio Lower Upper
 360 100
 362 79.9 64.1 96.1

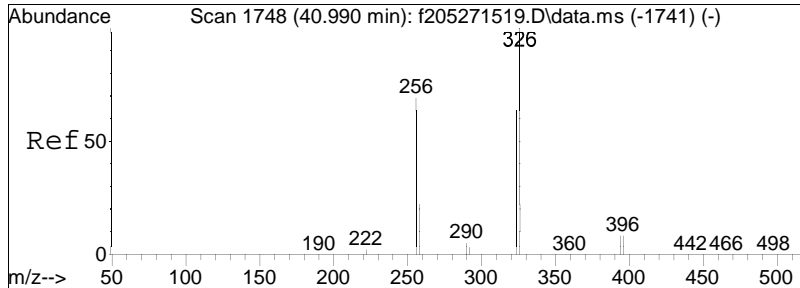




#155
 C17-BZ#176
 Concen: 36.15 ng/mL
 RT: 39.829 min Scan# 2660
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

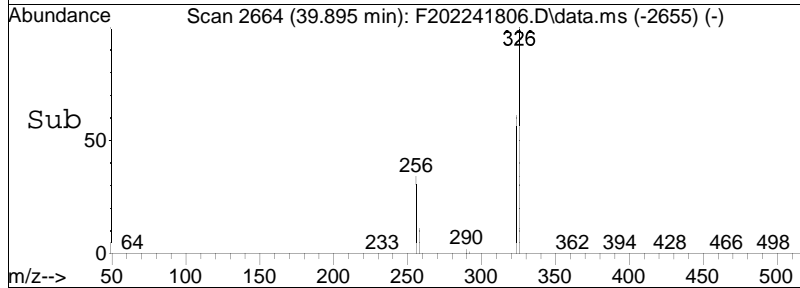
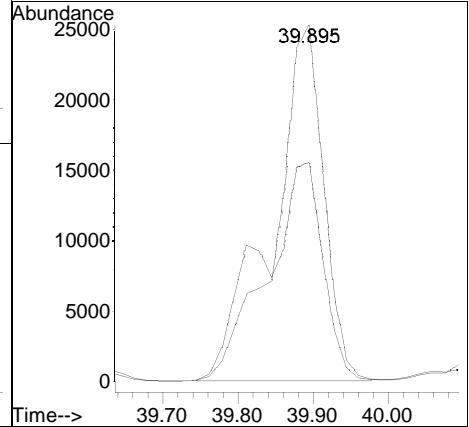
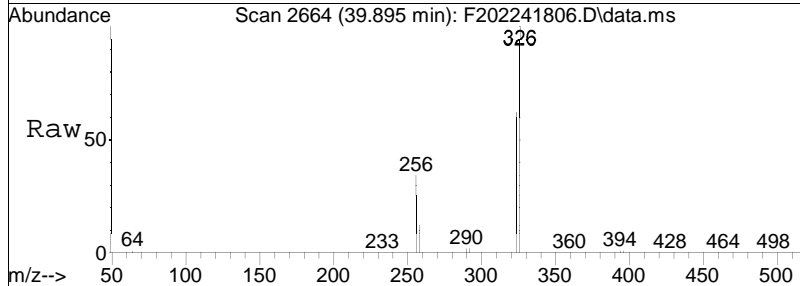
Tgt Ion: 394 Resp: 77304
 Ion Ratio Lower Upper
 394 100
 396 96.0 77.4 116.0

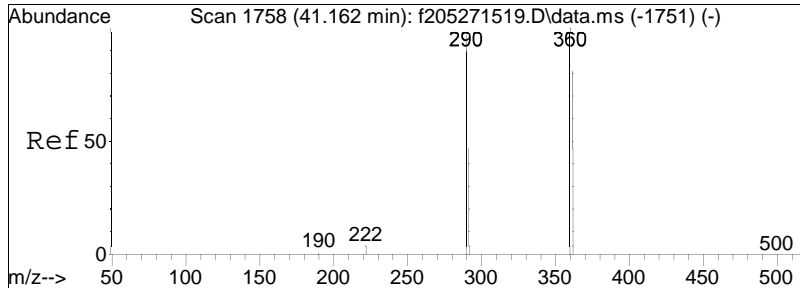




#156
 C15-BZ#105
 Concen: 38.06 ng/mL M4
 RT: 39.895 min Scan# 2664
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

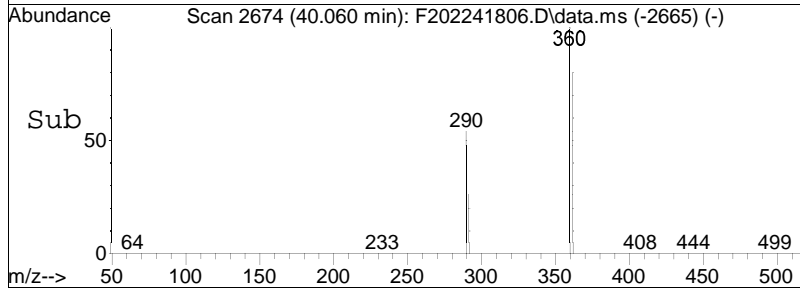
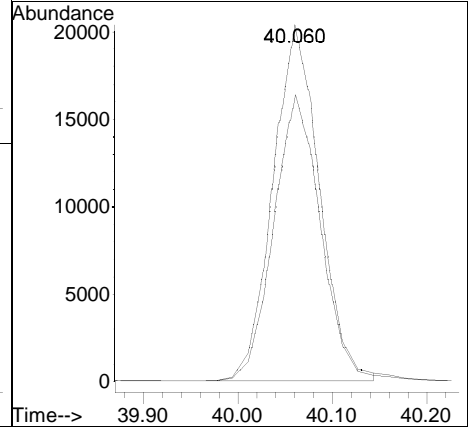
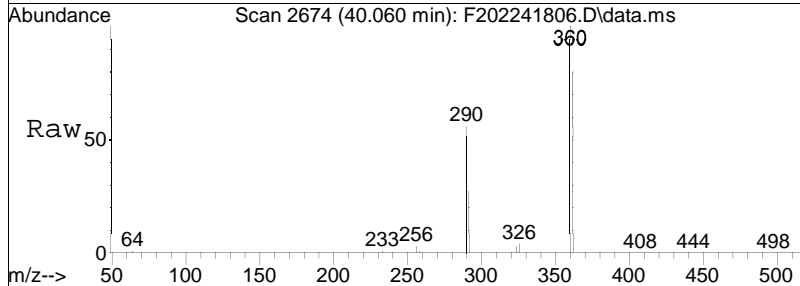
Tgt Ion: 326 Resp: 110489
 Ion Ratio Lower Upper
 326 100
 324 76.7 49.0 73.4#

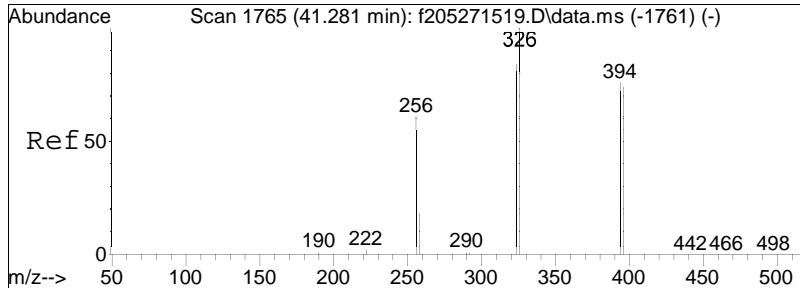




#157
 Cl6-BZ#137
 Concen: 37.96 ng/mL
 RT: 40.060 min Scan# 2674
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

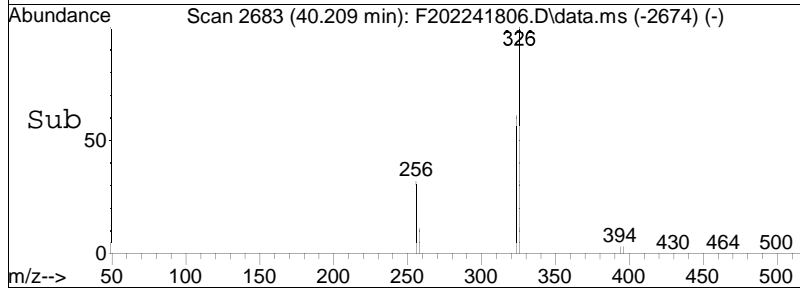
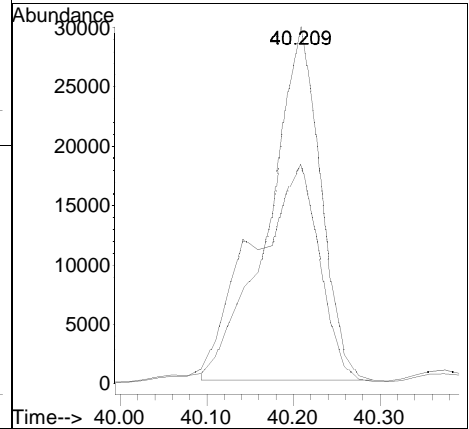
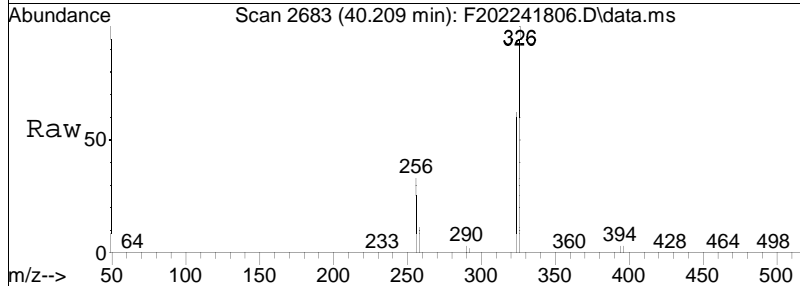
Tgt Ion:	360	Resp:	69266
Ion Ratio	Lower	Upper	
360	100		
362	80.5	65.7	98.5

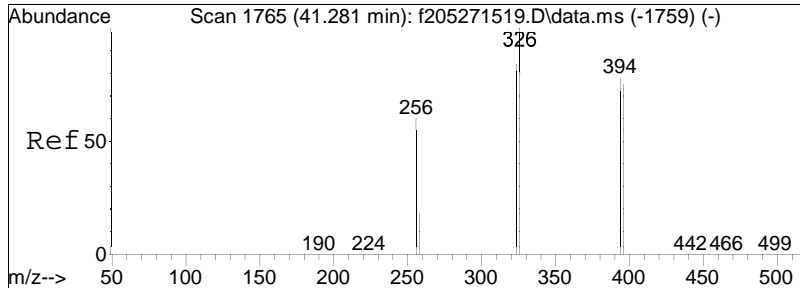




#158
 C15-BZ#127
 Concen: 37.94 ng/mL
 RT: 40.209 min Scan# 2683
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

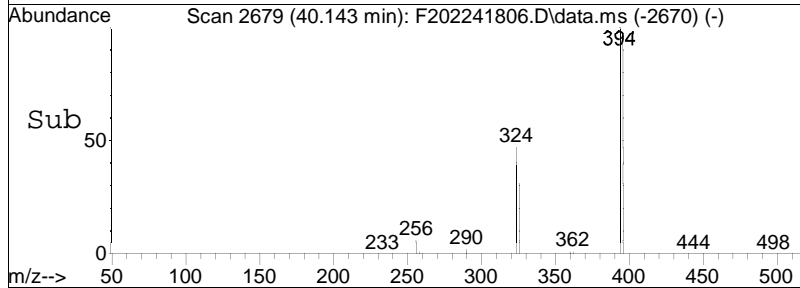
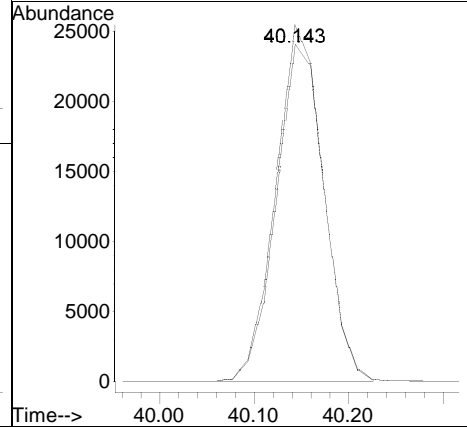
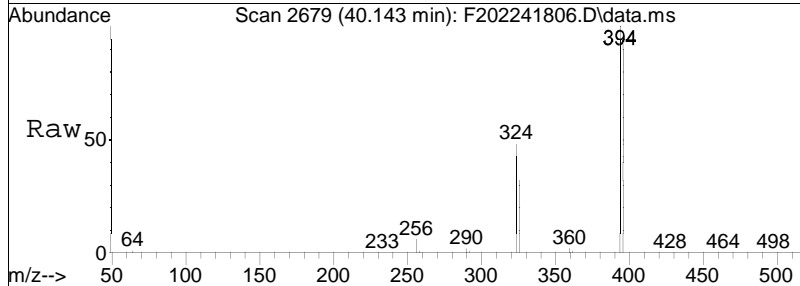
Tgt Ion: 326 Resp: 122830
 Ion Ratio Lower Upper
 326 100
 324 80.2 49.2 73.8#

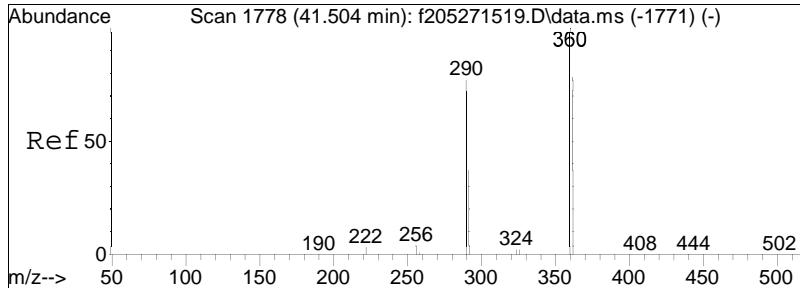




#159
 C17-BZ#186
 Concen: 35.77 ng/mL
 RT: 40.143 min Scan# 2679
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

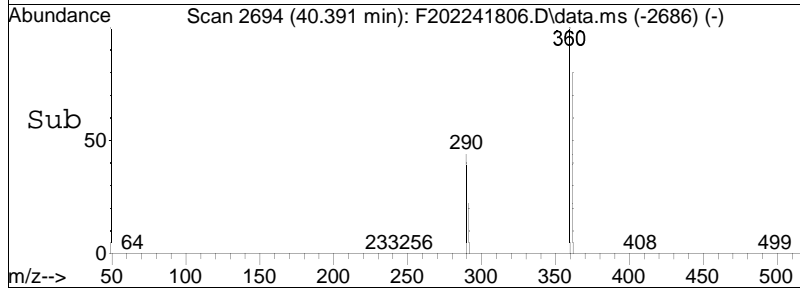
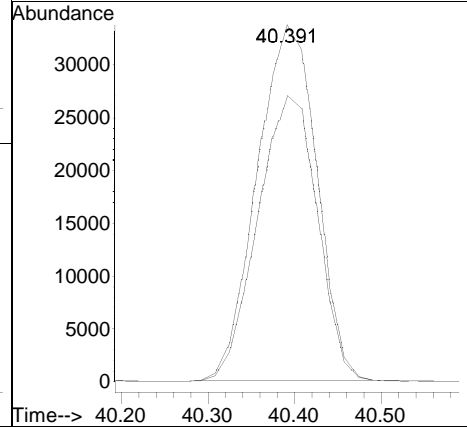
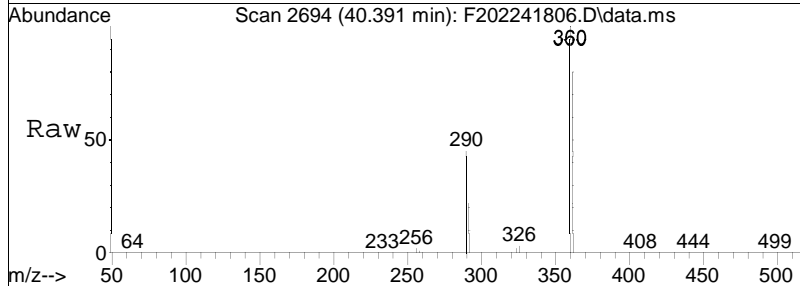
Tgt Ion: 394 Resp: 88477
 Ion Ratio Lower Upper
 394 100
 396 95.9 76.7 115.1

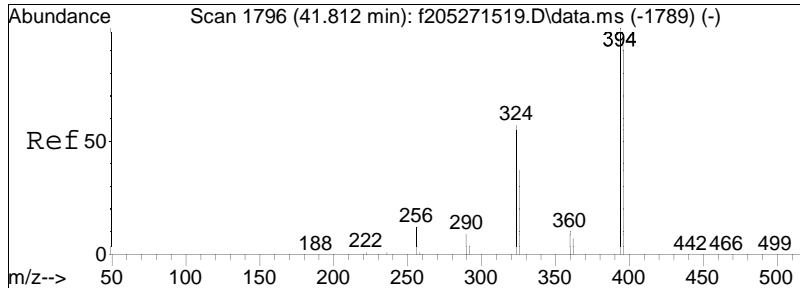




#160
 Cl6-BZ#130/#164
 Concen: 76.30 ng/mL
 RT: 40.391 min Scan# 2694
 Delta R.T. -0.016 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

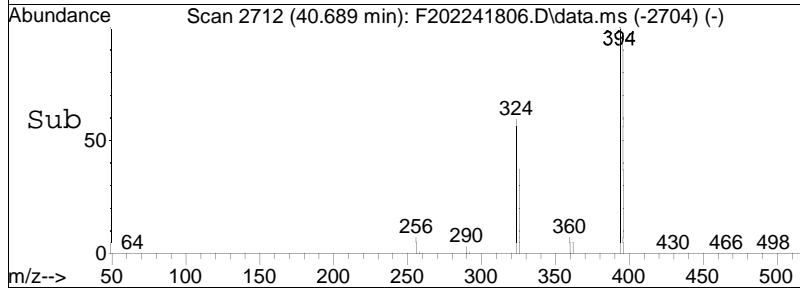
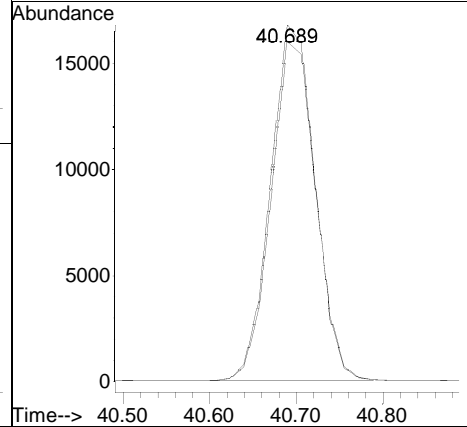
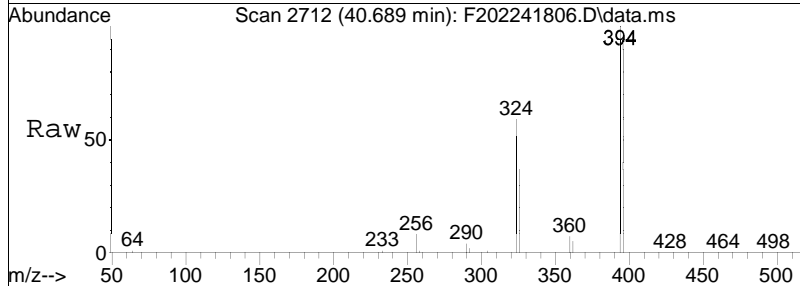
Tgt Ion: 360 Resp: 160372
 Ion Ratio Lower Upper
 360 100
 362 80.1 65.6 98.4

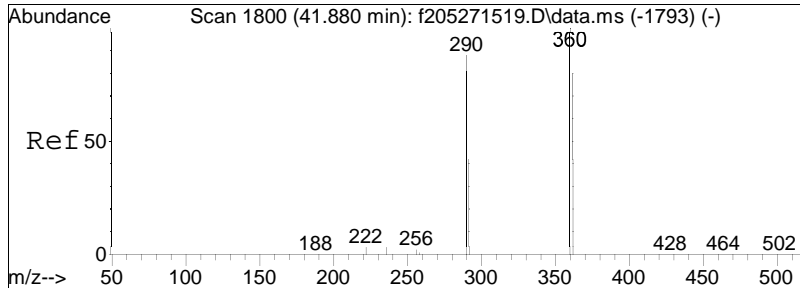




#161
 C17-BZ#178
 Concen: 37.87 ng/mL
 RT: 40.689 min Scan# 2712
 Delta R.T. -0.016 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

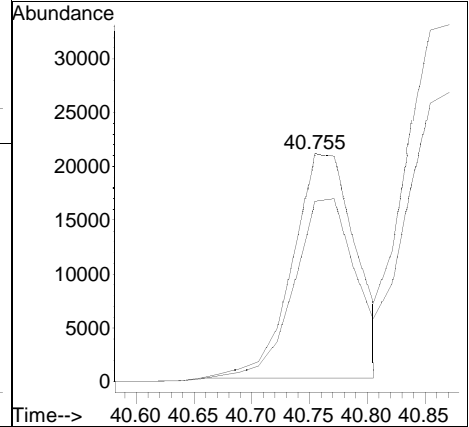
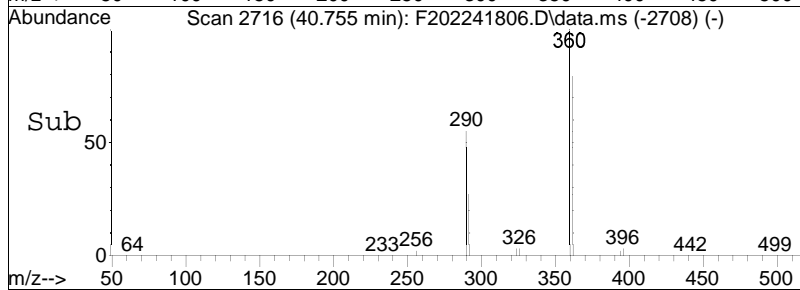
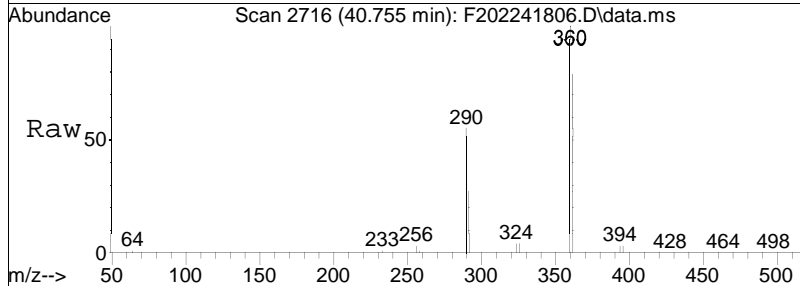
Tgt Ion: 394 Resp: 59739
 Ion Ratio Lower Upper
 394 100
 396 95.5 78.0 117.0

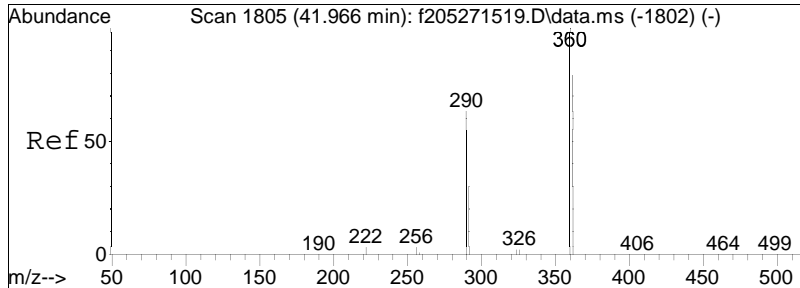




#162
 Cl6-BZ#138
 Concen: 36.45 ng/mL
 RT: 40.755 min Scan# 2716
 Delta R.T. -0.016 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

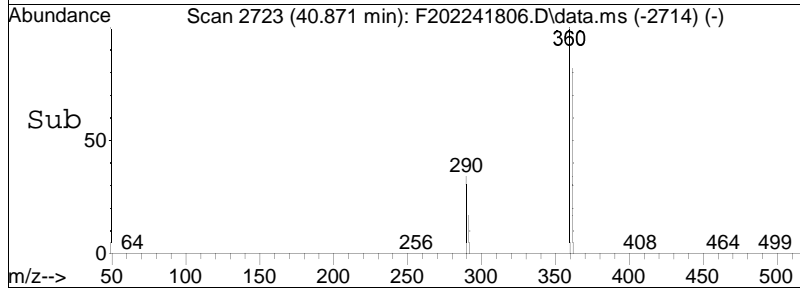
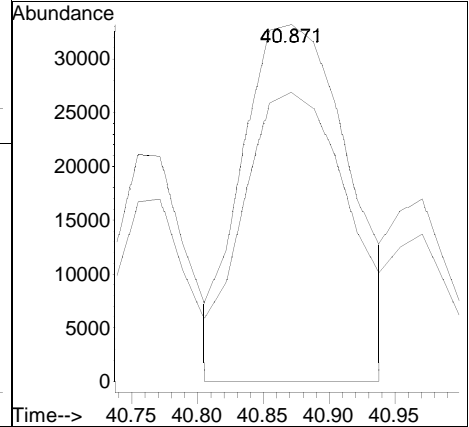
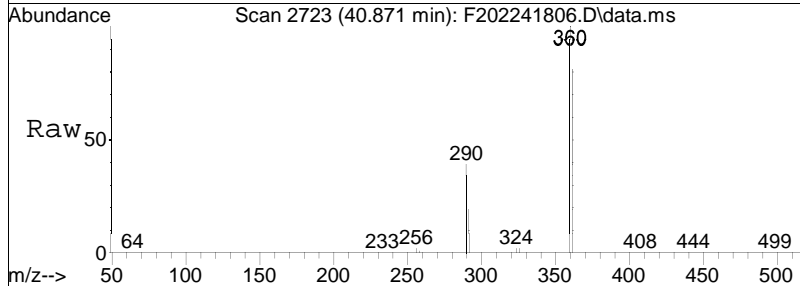
Tgt Ion: 360 Resp: 80255
 Ion Ratio Lower Upper
 360 100
 362 79.2 65.3 97.9

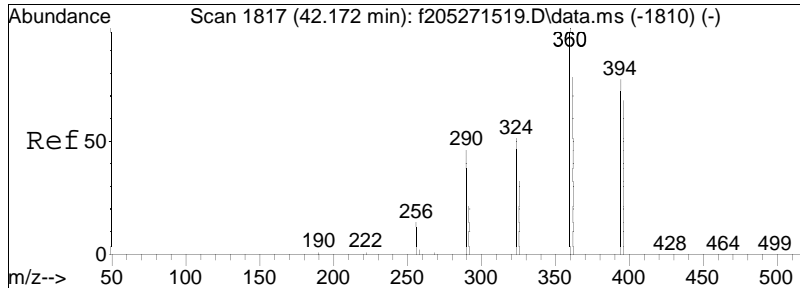




#163
 Cl6-BZ#163/#160
 Concen: 77.34 ng/mL M4
 RT: 40.871 min Scan# 2723
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

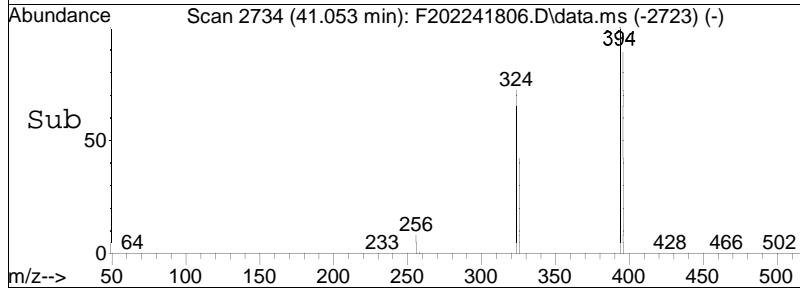
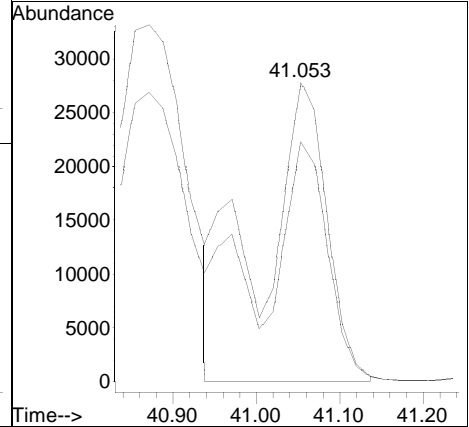
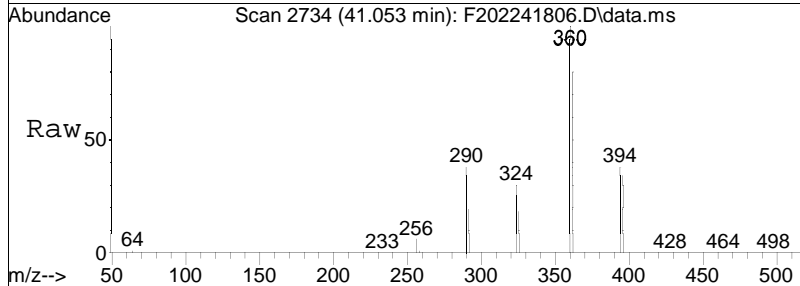
Tgt Ion: 360 Resp: 187163
 Ion Ratio Lower Upper
 360 100
 362 55.1 64.6 96.8#

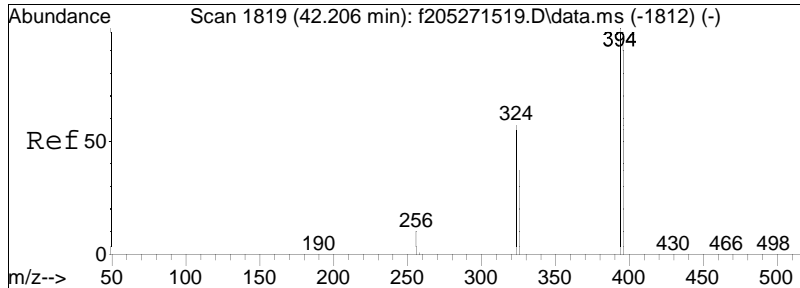




#164
 Cl6-BZ#129/#158
 Concen: 70.48 ng/mL M4
 RT: 41.053 min Scan# 2734
 Delta R.T. -0.016 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

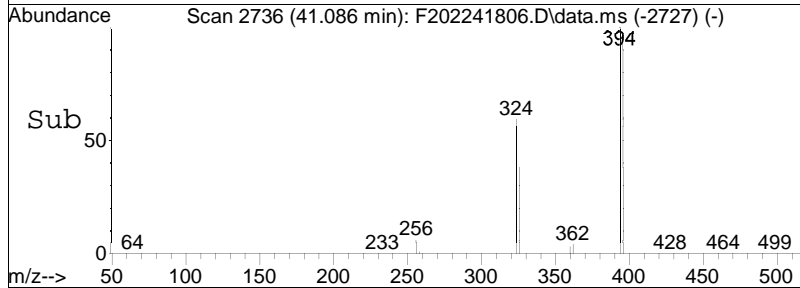
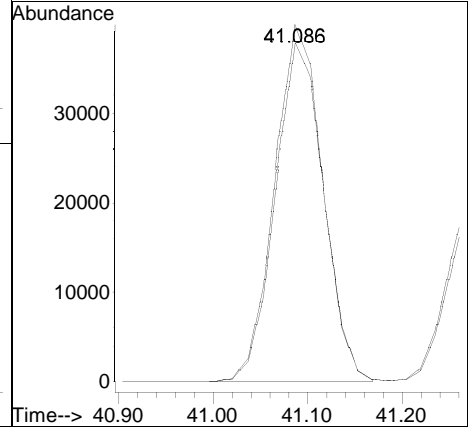
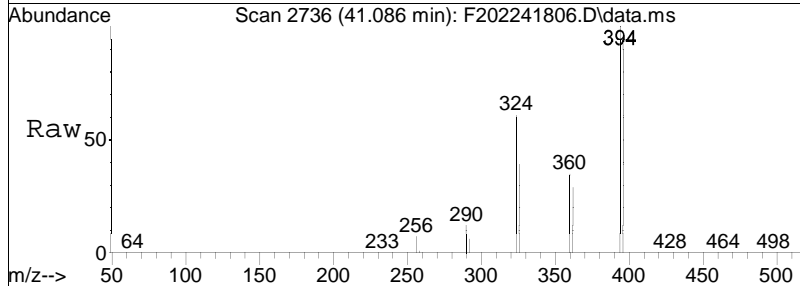
Tgt Ion:	360	Resp:	150742
Ion Ratio	100	Lower	Upper
362	53.1	64.0	96.0#

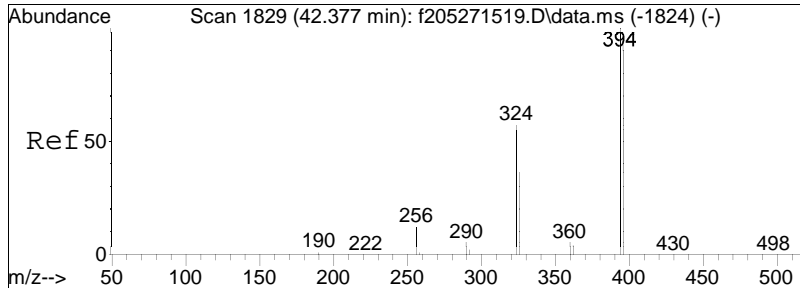




#165
 C17-BZ#182/#175
 Concen: 73.20 ng/mL
 RT: 41.086 min Scan# 2736
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

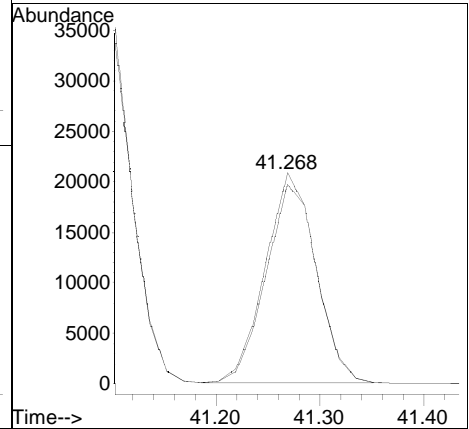
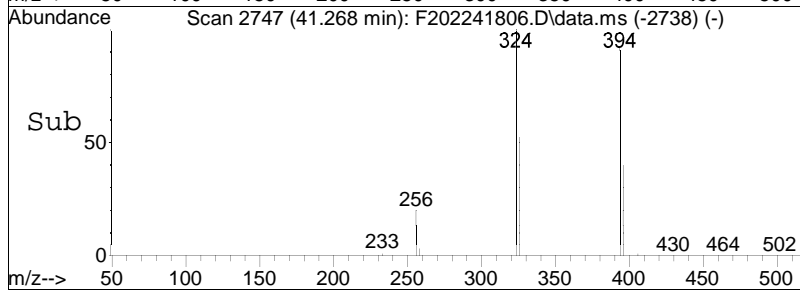
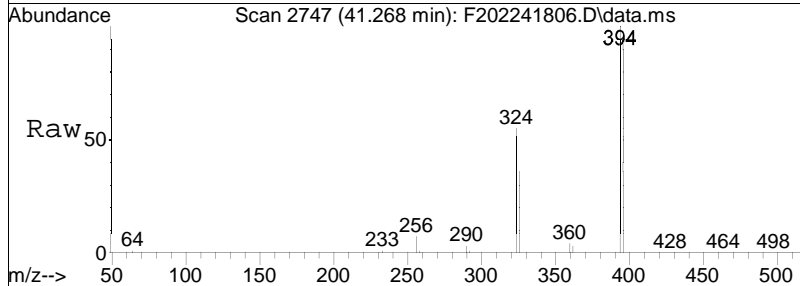
Tgt Ion: 394 Resp: 140835
 Ion Ratio Lower Upper
 394 100
 396 95.2 76.9 115.3

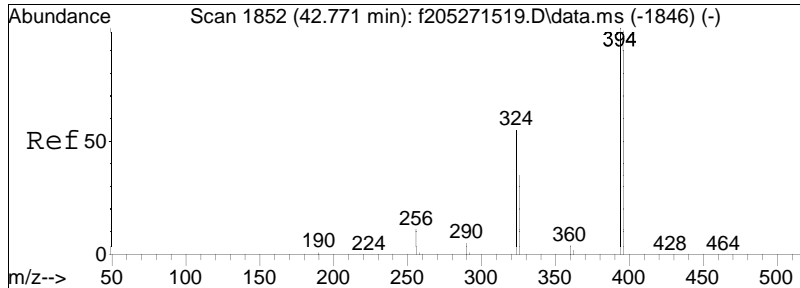




#166
 C17-BZ#187
 Concen: 36.77 ng/mL
 RT: 41.268 min Scan# 2747
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

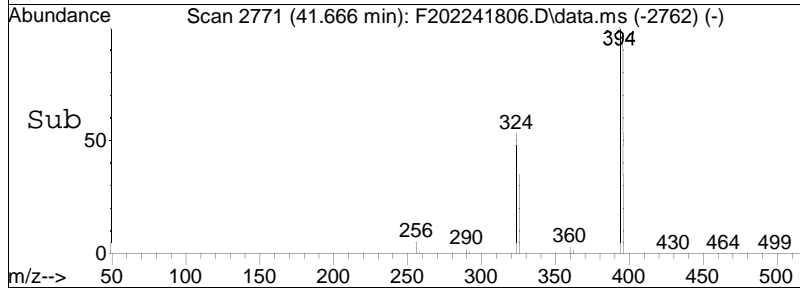
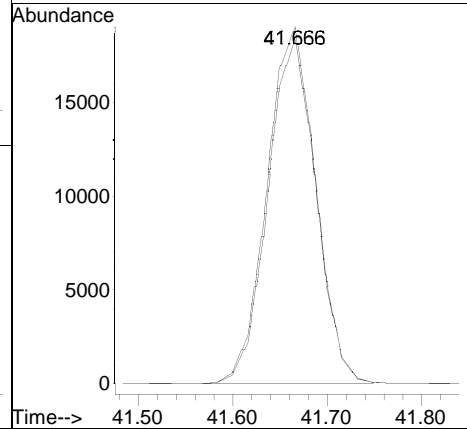
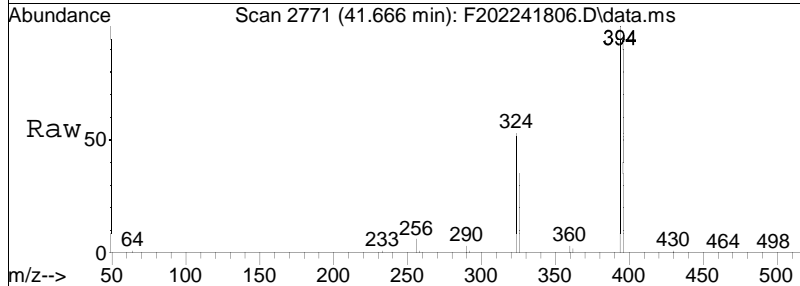
Tgt Ion: 394 Resp: 69719
 Ion Ratio Lower Upper
 394 100
 396 95.6 73.7 110.5

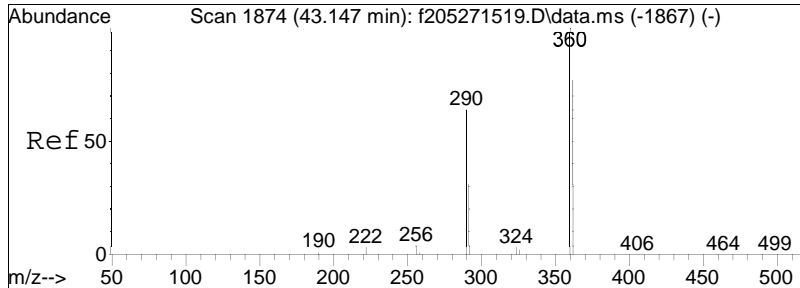




#167
 Cl7-BZ#183
 Concen: 41.48 ng/mL
 RT: 41.666 min Scan# 2771
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

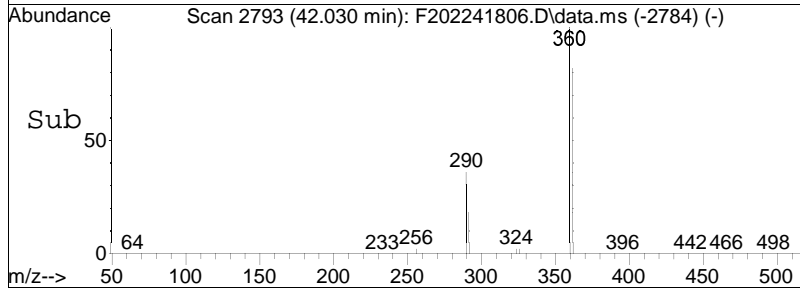
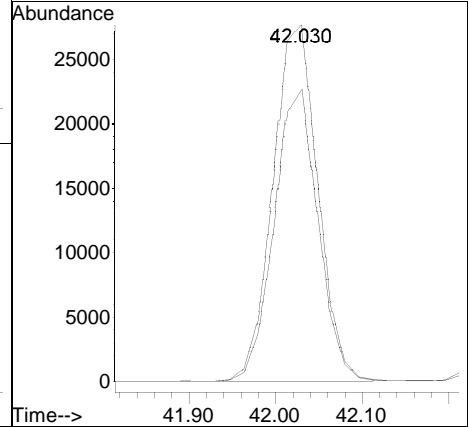
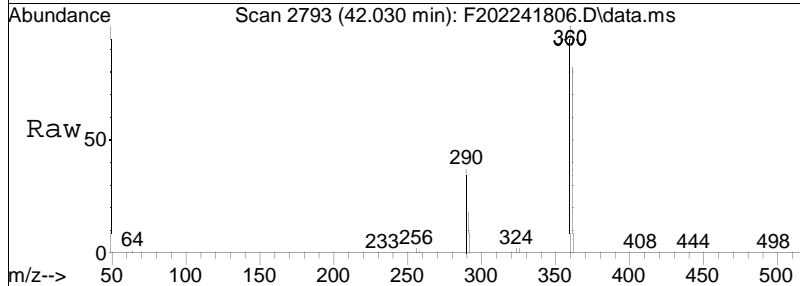
Tgt Ion: 394 Resp: 67459
 Ion Ratio Lower Upper
 394 100
 396 95.0 76.2 114.2

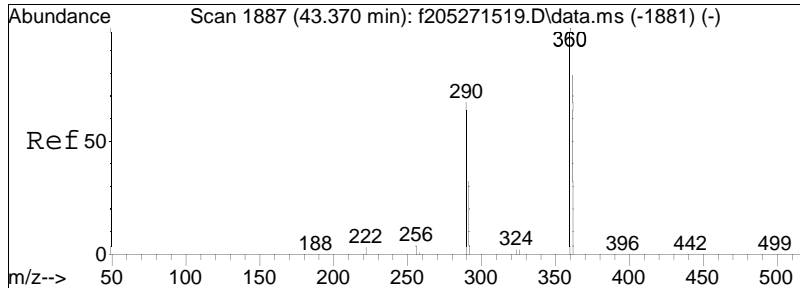




#168
 Cl6-BZ#166
 Concen: 38.72 ng/mL
 RT: 42.030 min Scan# 2793
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

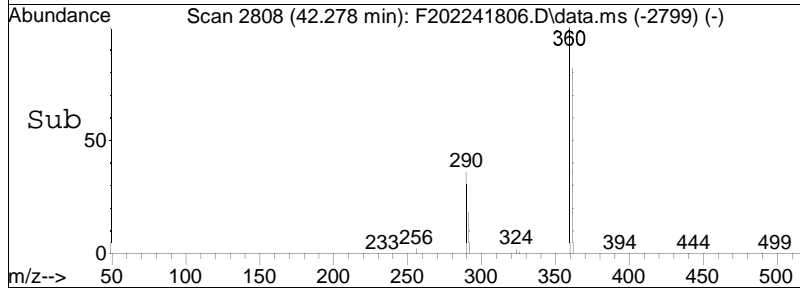
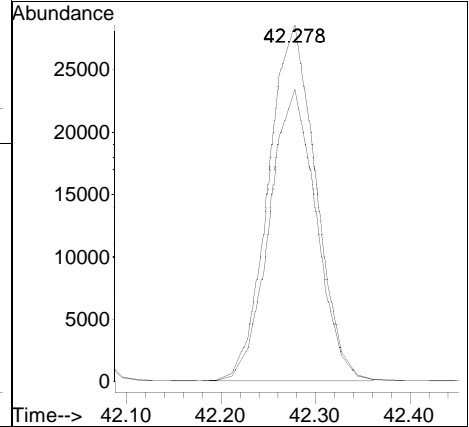
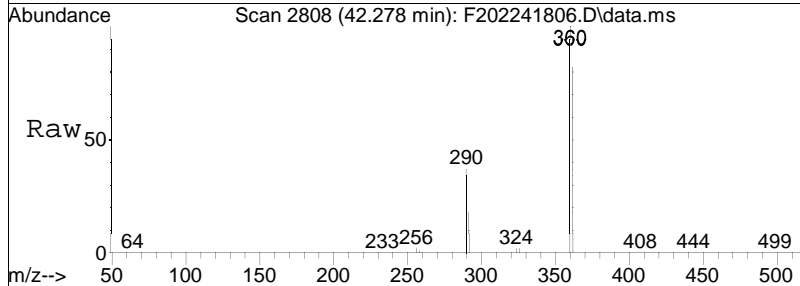
Tgt Ion:	360	Resp:	99123
Ion Ratio	Lower	Upper	
360	100		
362	80.1	65.8	98.6

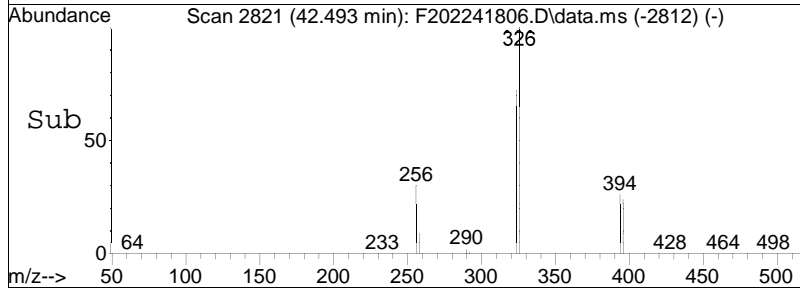
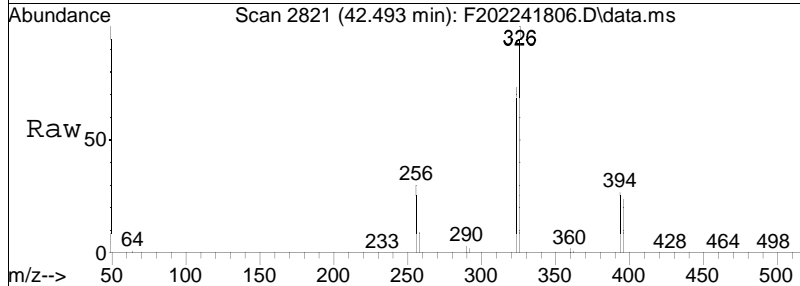
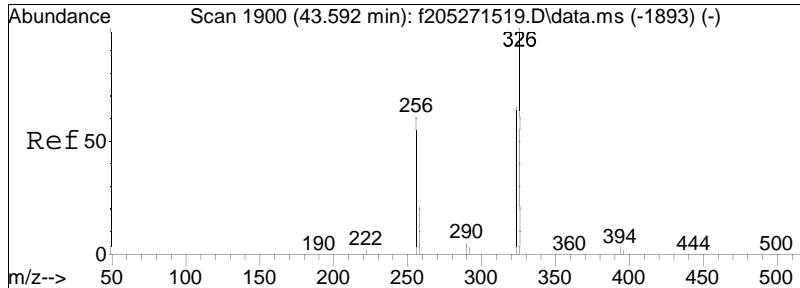




#169
 Cl6-BZ#159
 Concen: 40.15 ng/mL
 RT: 42.278 min Scan# 2808
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

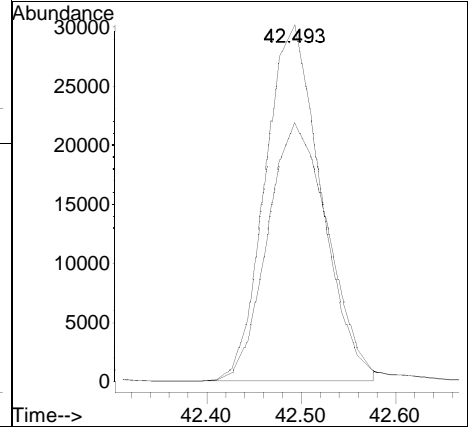
Tgt Ion	Resp	Lower	Upper
360	100		
362	80.9	65.0	97.6

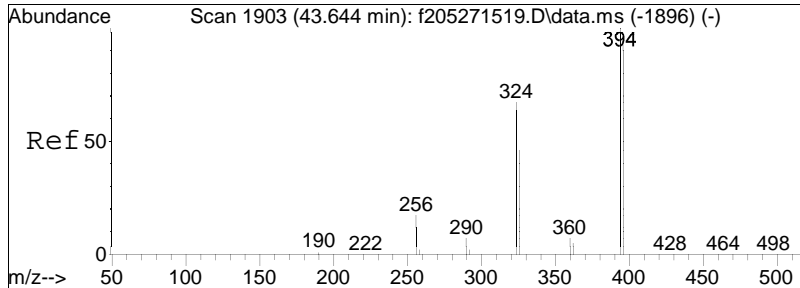




#170
 C15-BZ#126-RTW
 Concen: 39.61 ng/mL
 RT: 42.493 min Scan# 2821
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

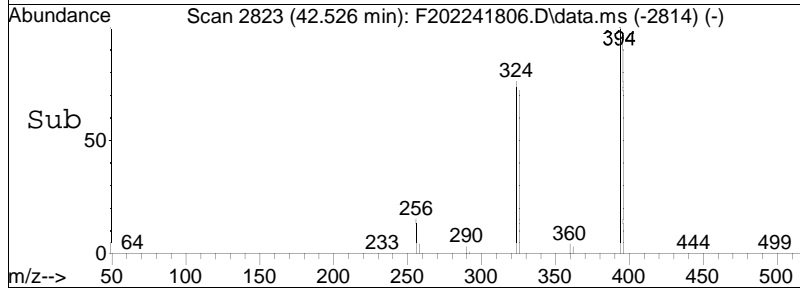
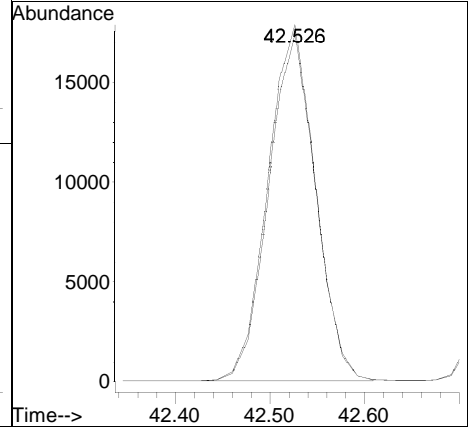
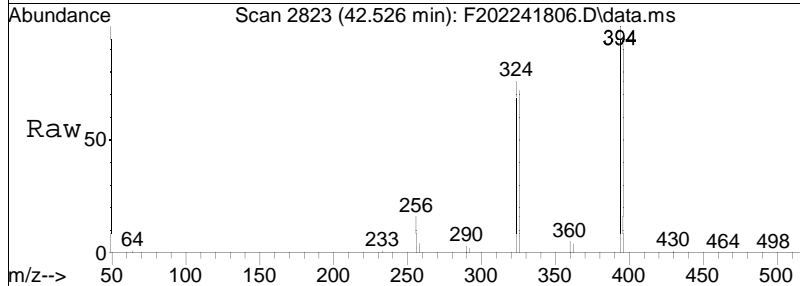
Tgt Ion: 326 Resp: 122645
 Ion Ratio Lower Upper
 326 100
 324 79.4 56.5 84.7

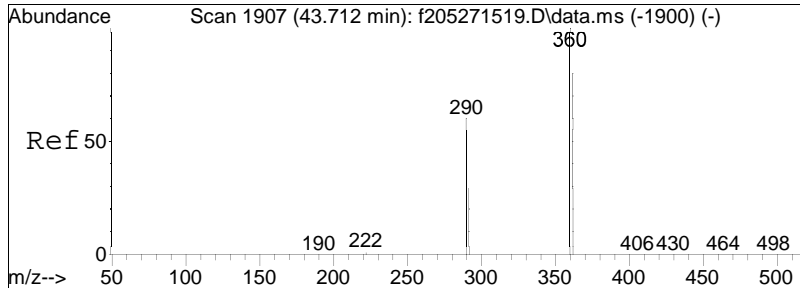




#171
 Cl7-BZ#185
 Concen: 37.73 ng/mL
 RT: 42.526 min Scan# 2823
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

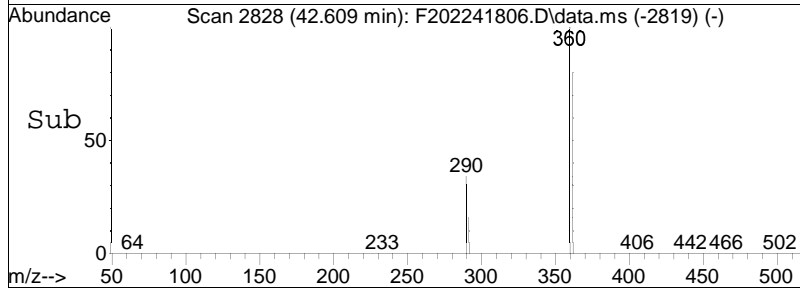
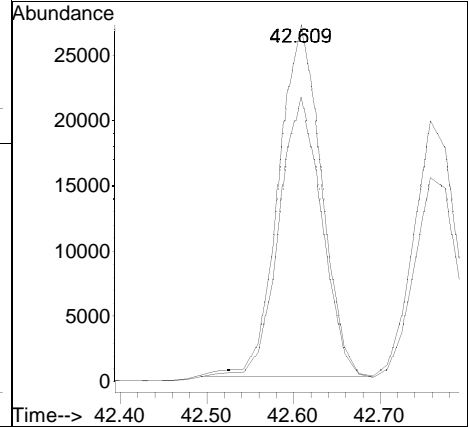
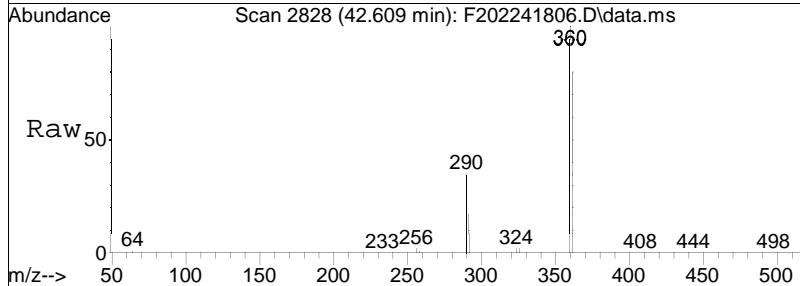
Tgt Ion: 394 Resp: 61956
 Ion Ratio Lower Upper
 394 100
 396 96.4 75.9 113.9

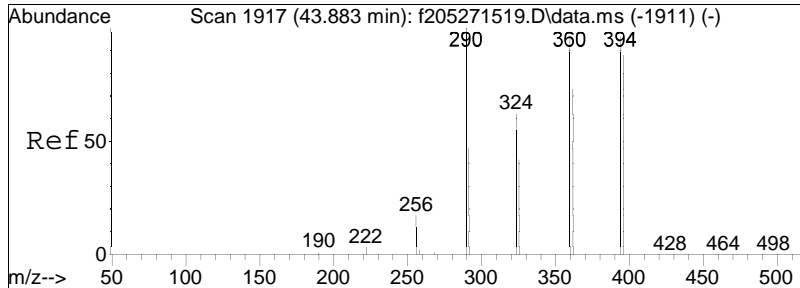




#172
 Cl6-BZ#162
 Concen: 38.74 ng/mL
 RT: 42.609 min Scan# 2828
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

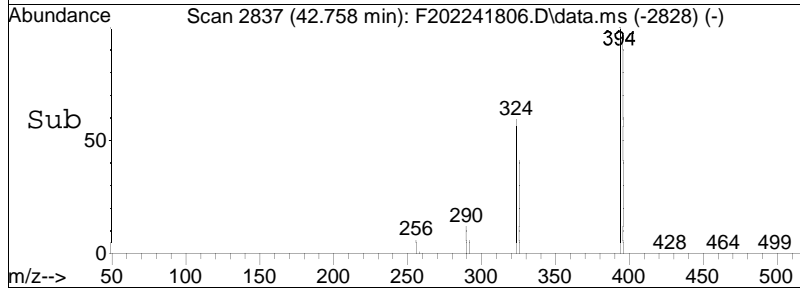
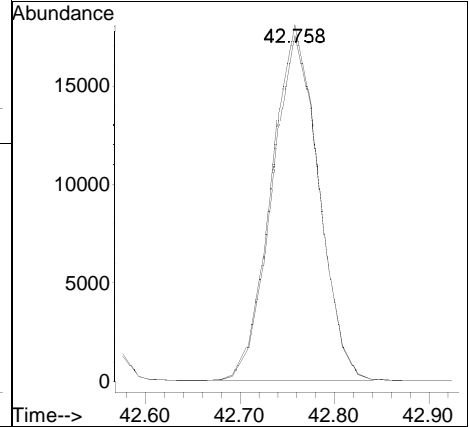
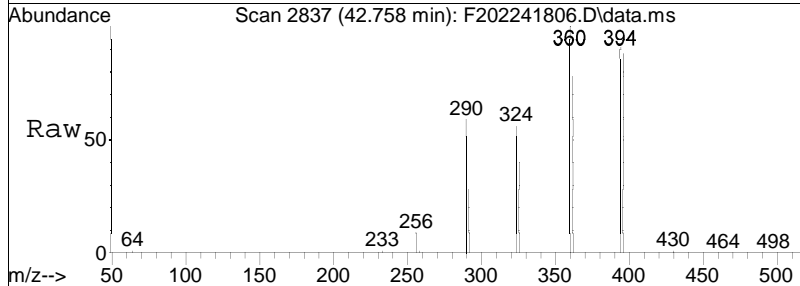
Tgt Ion	Resp	Lower	Upper
360	100		
362	80.1	62.8	94.2

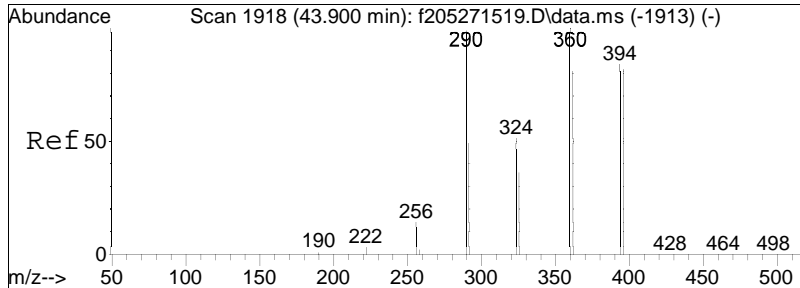




#173
 Cl7-BZ#174
 Concen: 36.57 ng/mL
 RT: 42.758 min Scan# 2837
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

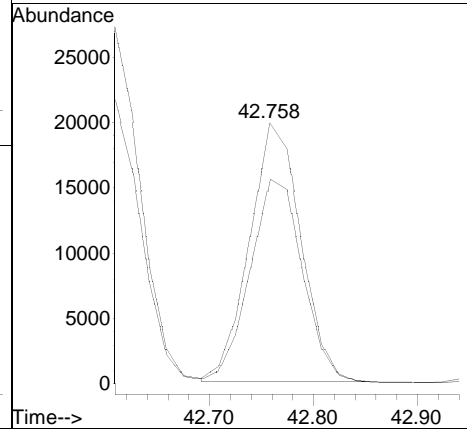
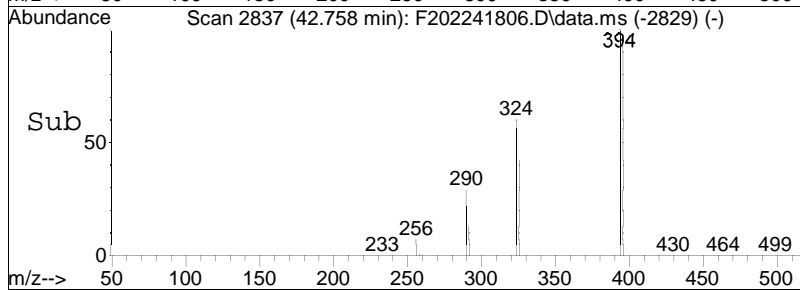
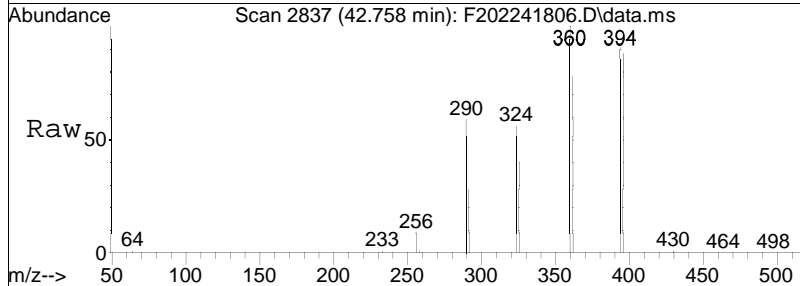
Tgt Ion: 394 Resp: 62330
 Ion Ratio Lower Upper
 394 100
 396 96.8 77.1 115.7

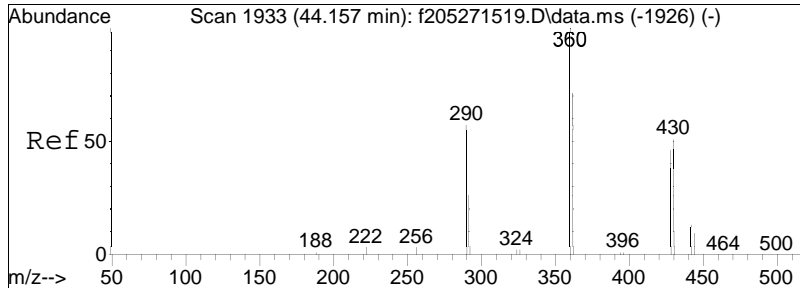




#174
 Cl6-BZ#128
 Concen: 36.34 ng/mL
 RT: 42.758 min Scan# 2837
 Delta R.T. -0.016 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

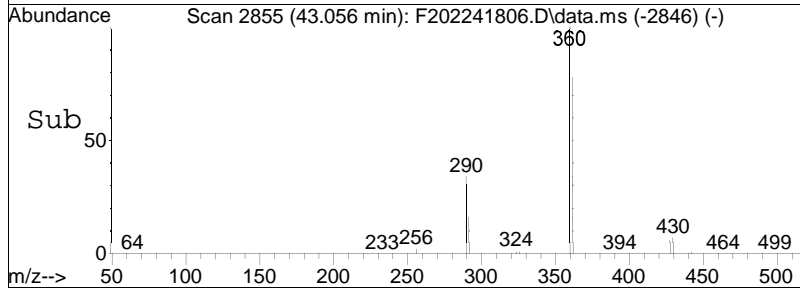
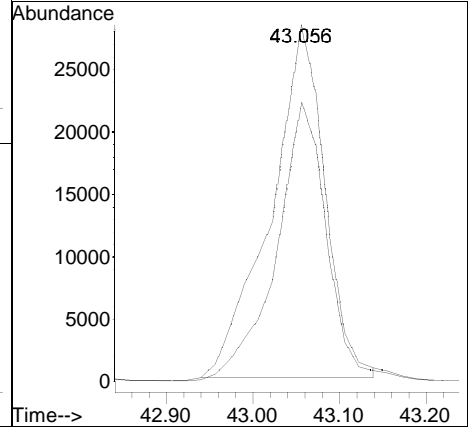
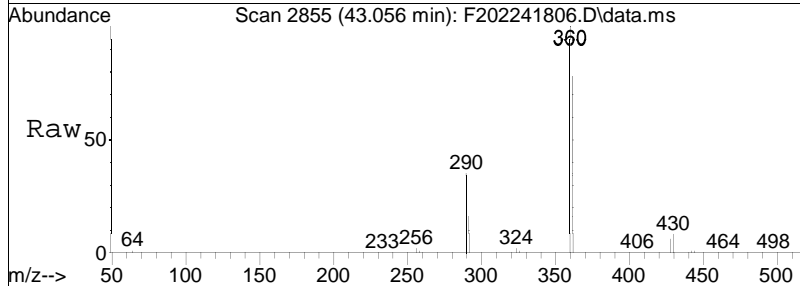
Tgt Ion: 360 Resp: 68344
 Ion Ratio Lower Upper
 360 100
 362 80.2 64.4 96.6

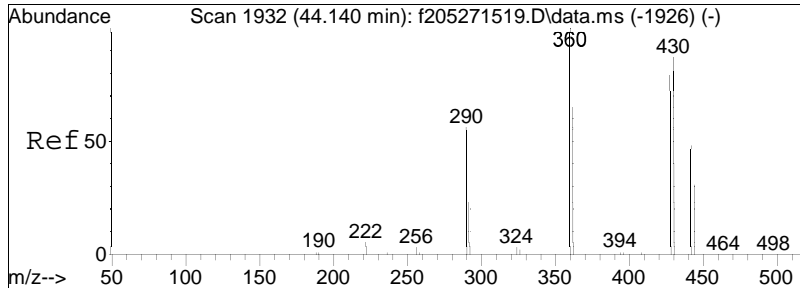




#175
 Cl6-BZ#167
 Concen: 38.87 ng/mL
 RT: 43.056 min Scan# 2855
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

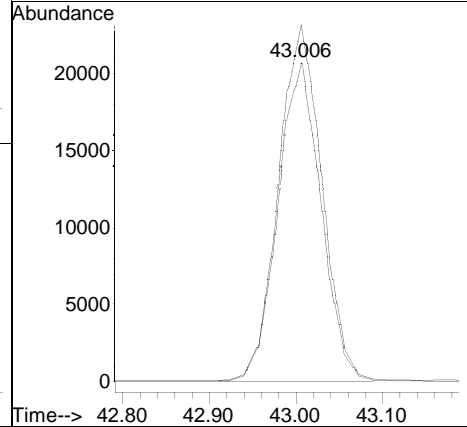
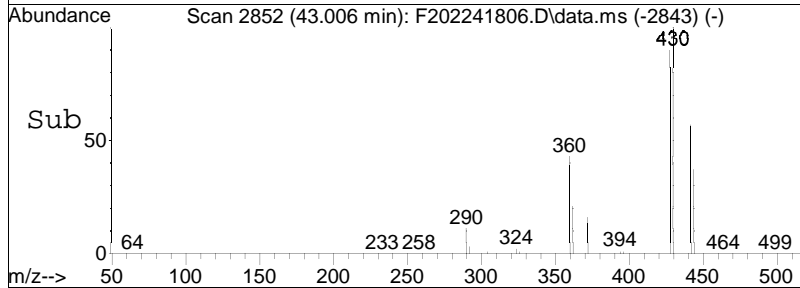
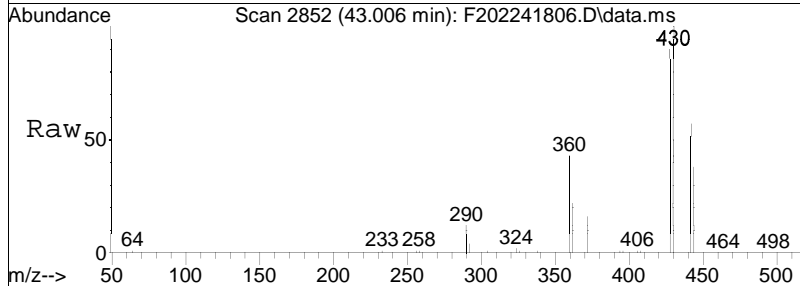
Tgt Ion: 360 Resp: 122335
 Ion Ratio Lower Upper
 360 100
 362 71.9 63.0 94.4

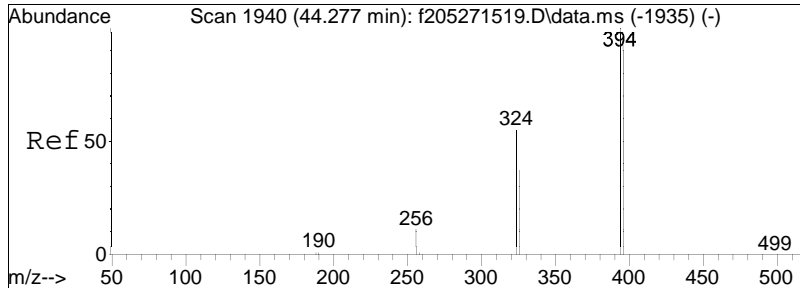




#176
 Cl8-BZ#202-RTW
 Concen: 37.52 ng/mL
 RT: 43.006 min Scan# 2852
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

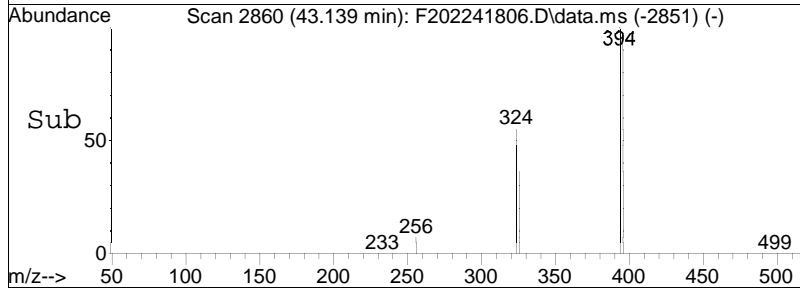
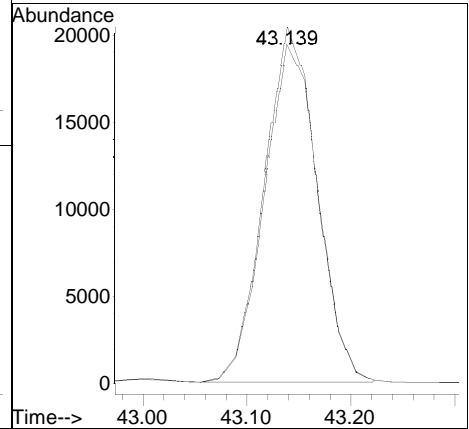
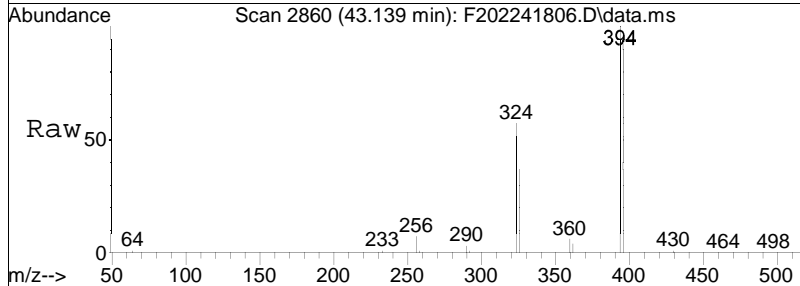
Tgt Ion: 428 Resp: 71002
 Ion Ratio Lower Upper
 428 100
 430 112.4 89.4 134.2

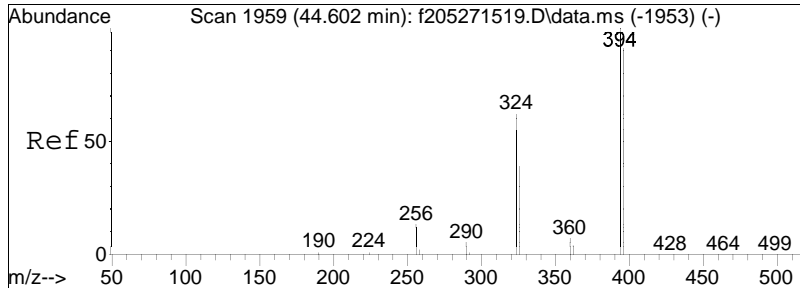




#178
 Cl7-BZ#181
 Concen: 38.55 ng/mL
 RT: 43.139 min Scan# 2860
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

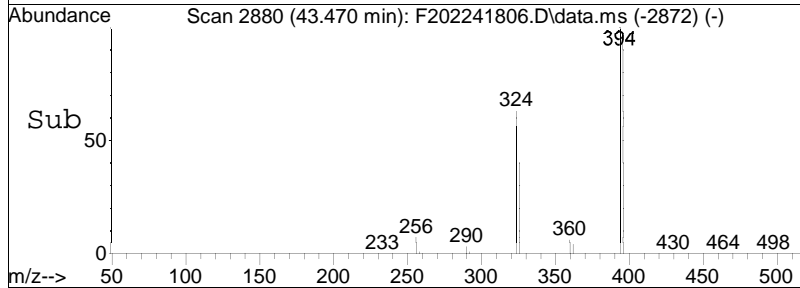
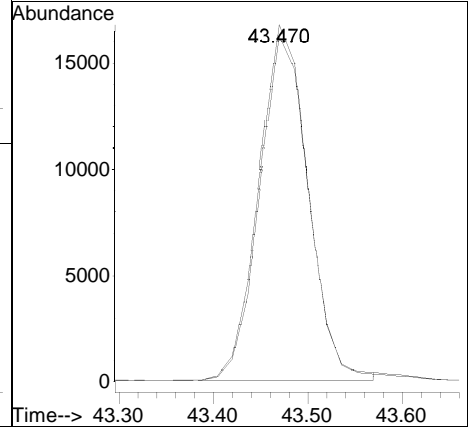
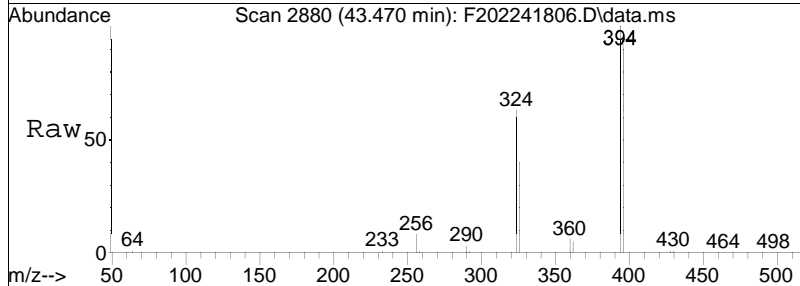
Tgt Ion: 394 Resp: 71575
 Ion Ratio Lower Upper
 394 100
 396 96.9 75.3 112.9

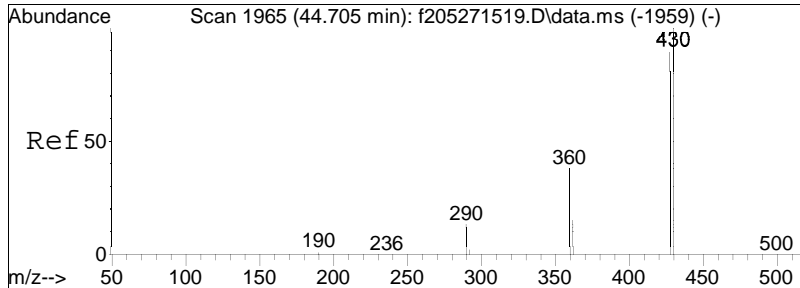




#179
 Cl7-BZ#177
 Concen: 38.25 ng/mL
 RT: 43.470 min Scan# 2880
 Delta R.T. -0.016 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

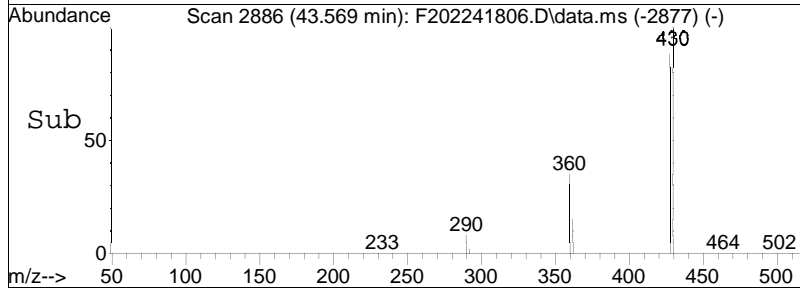
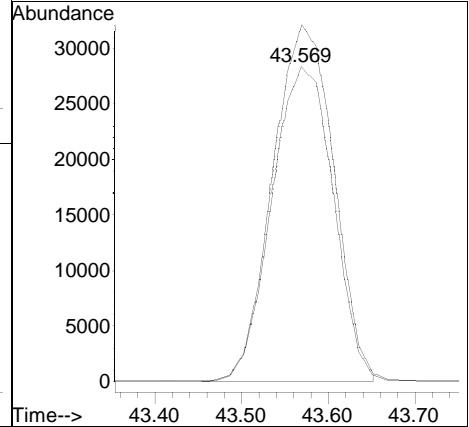
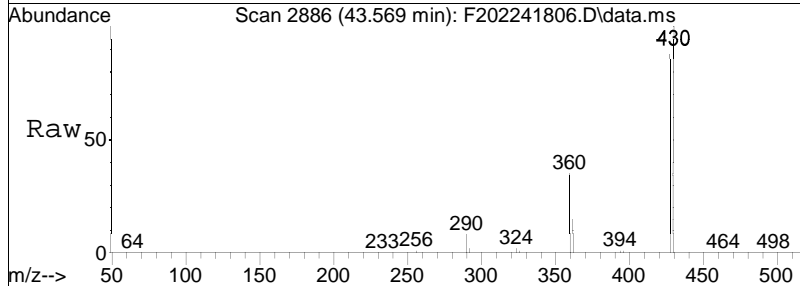
Tgt Ion: 394 Resp: 60620
 Ion Ratio Lower Upper
 394 100
 396 96.1 77.8 116.6

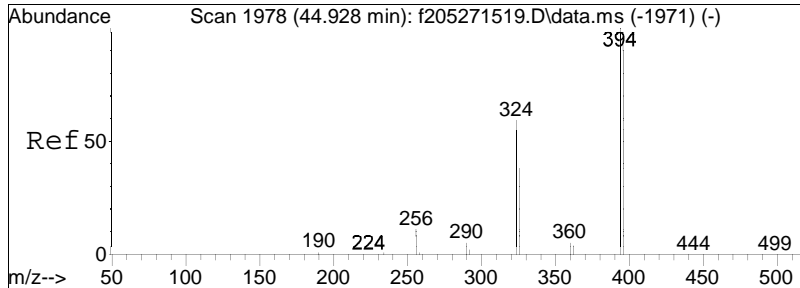




#180
 C18-BZ#204/#200-Cal
 Concen: 73.22 ng/mL
 RT: 43.569 min Scan# 2886
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

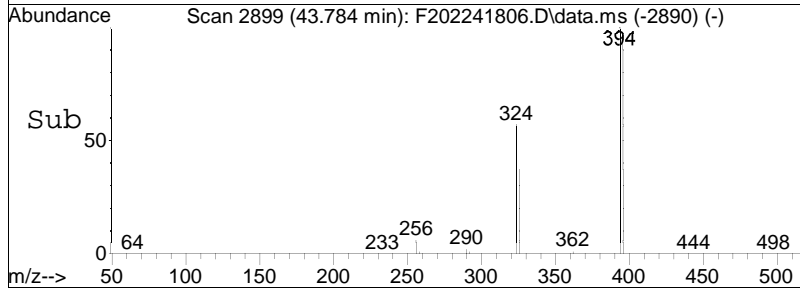
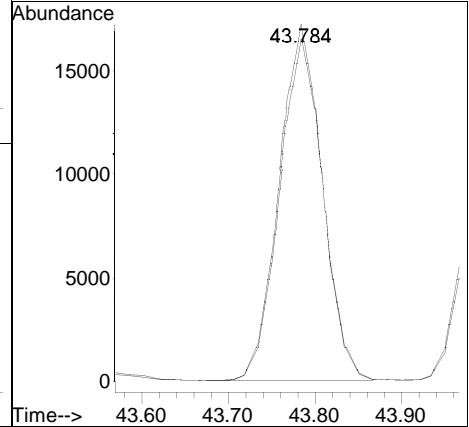
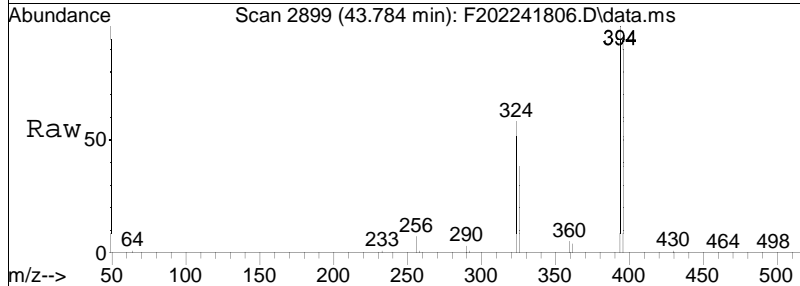
Tgt Ion	Resp	Lower	Upper
428	100		
430	112.3	89.8	134.6

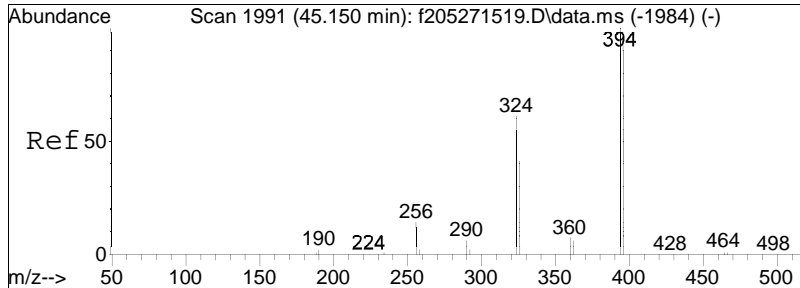




#183
 Cl7-BZ#171
 Concen: 41.36 ng/mL
 RT: 43.784 min Scan# 2899
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

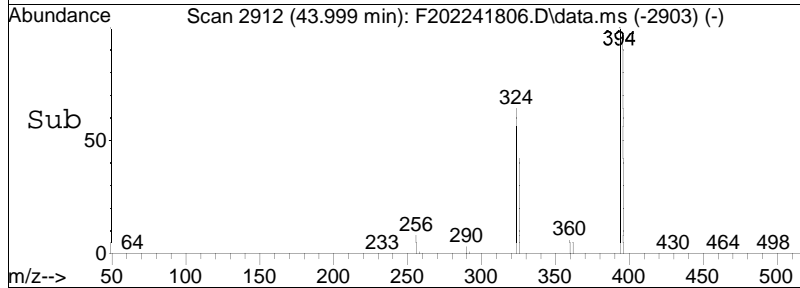
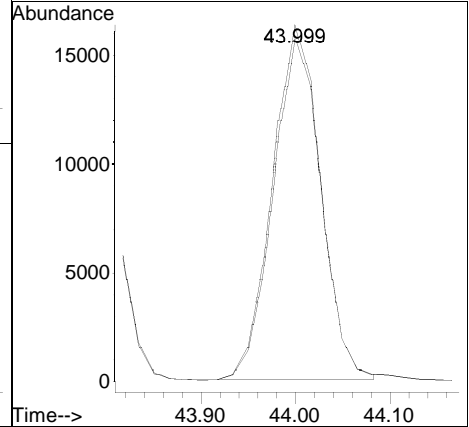
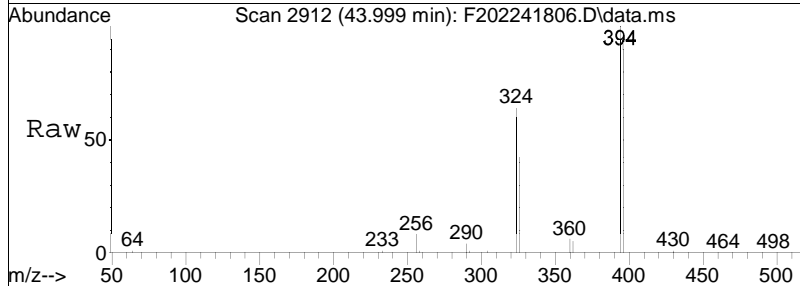
Tgt Ion: 394 Resp: 59341
 Ion Ratio Lower Upper
 394 100
 396 96.7 75.4 113.0

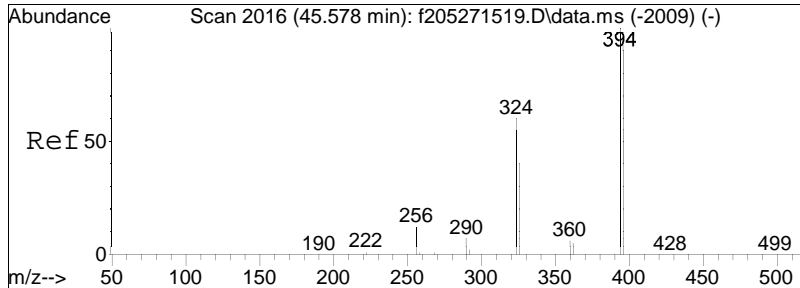




#184
 Cl7-BZ#173
 Concen: 38.03 ng/mL
 RT: 43.999 min Scan# 2912
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

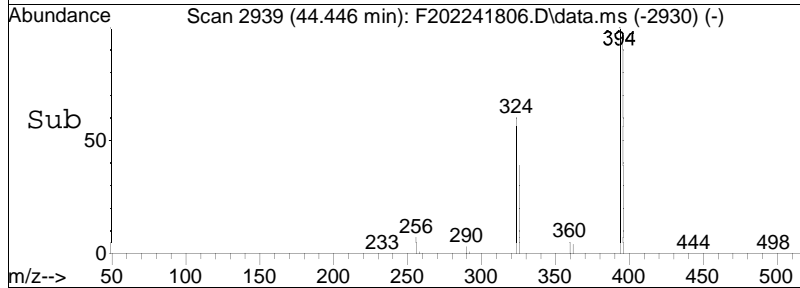
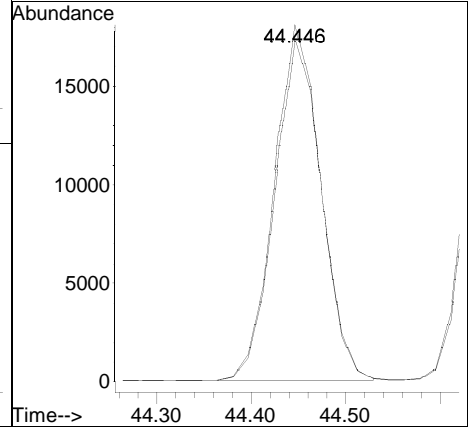
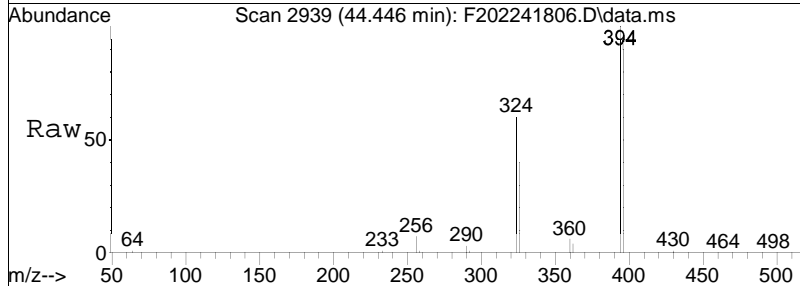
Tgt Ion: 394 Resp: 57938
 Ion Ratio Lower Upper
 394 100
 396 95.7 76.3 114.5

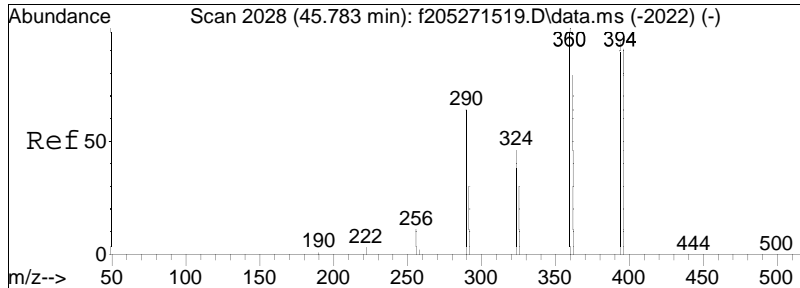




#185
 Cl7-BZ#172
 Concen: 37.93 ng/mL
 RT: 44.446 min Scan# 2939
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

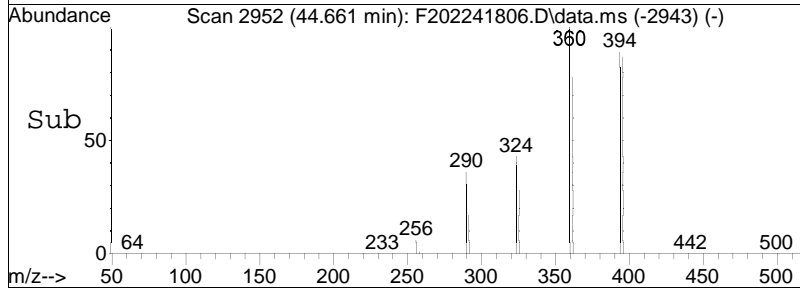
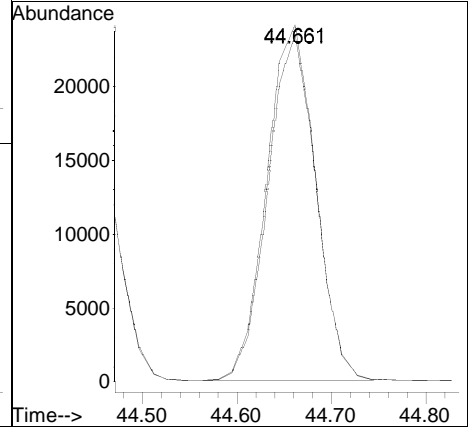
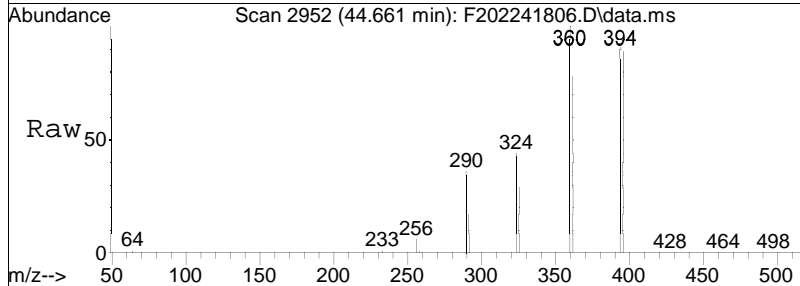
Tgt Ion: 394 Resp: 61508
 Ion Ratio Lower Upper
 394 100
 396 96.5 75.4 113.2

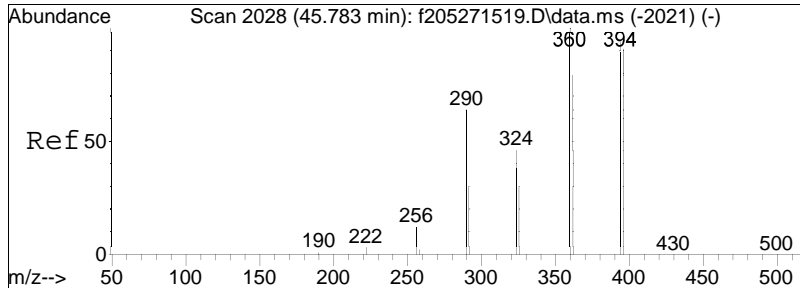




#186
 C17-BZ#192
 Concen: 38.90 ng/mL
 RT: 44.661 min Scan# 2952
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

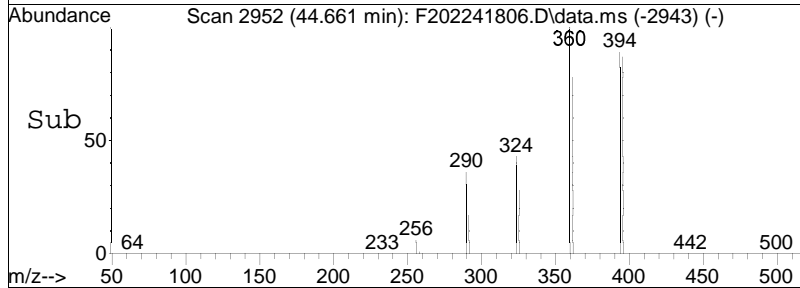
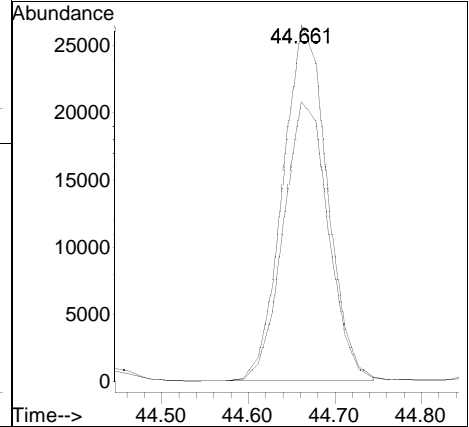
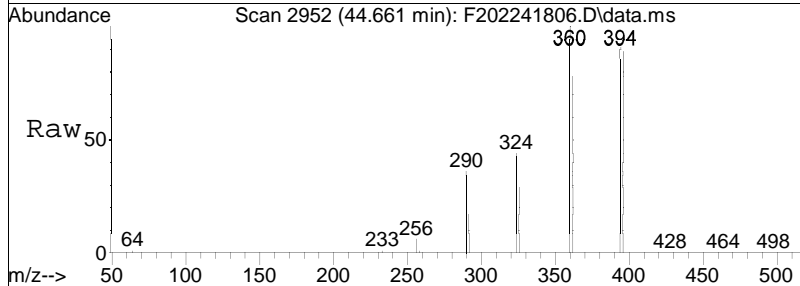
Tgt Ion: 394 Resp: 86510
 Ion Ratio Lower Upper
 394 100
 396 95.5 76.9 115.3

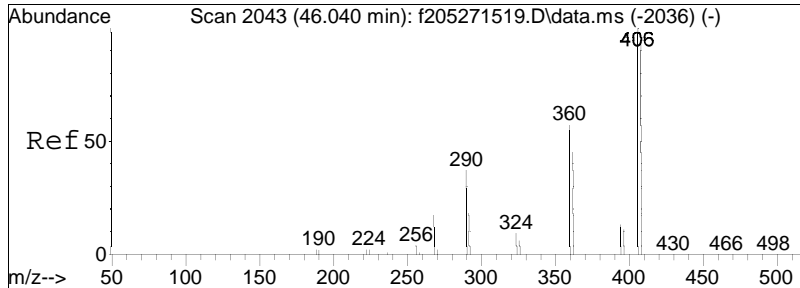




#187
 Cl6-BZ#156
 Concen: 38.59 ng/mL
 RT: 44.661 min Scan# 2952
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

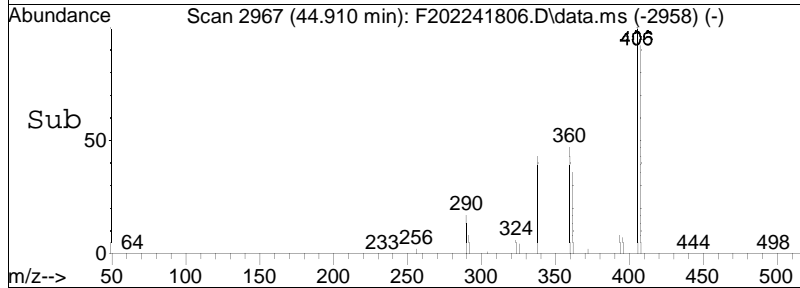
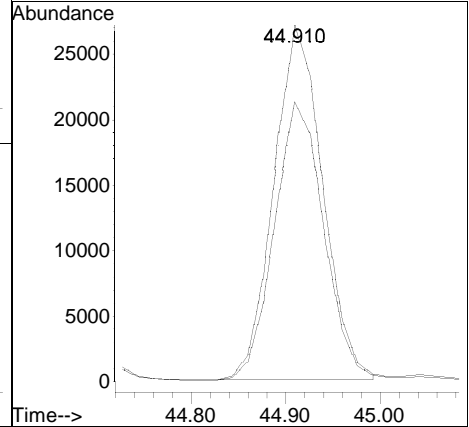
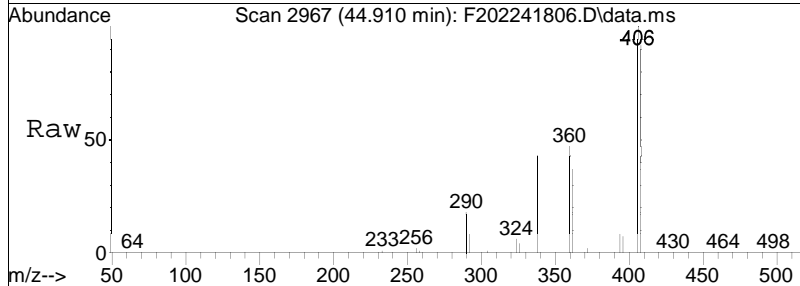
Tgt Ion: 360 Resp: 94299
 Ion Ratio Lower Upper
 360 100
 362 79.6 63.4 95.2

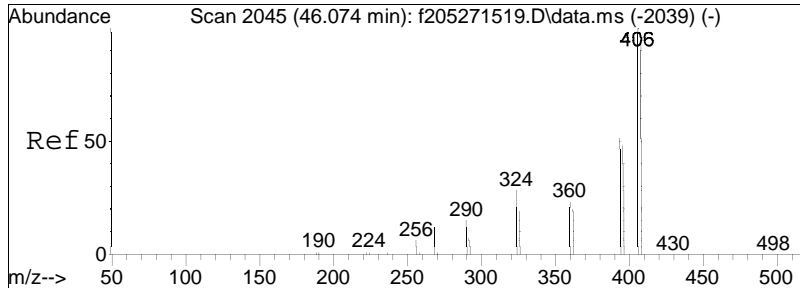




#188
 Cl6-BZ#157
 Concen: 38.37 ng/mL
 RT: 44.910 min Scan# 2967
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

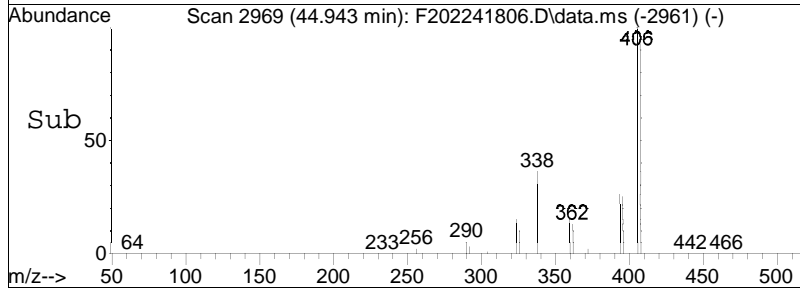
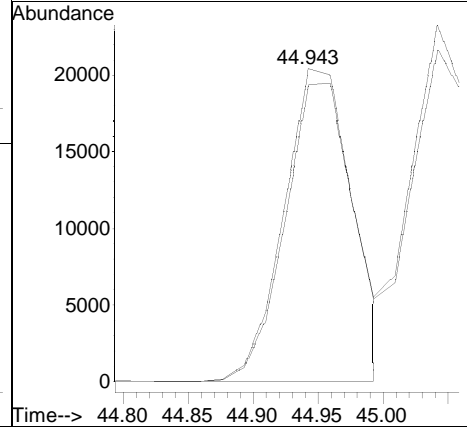
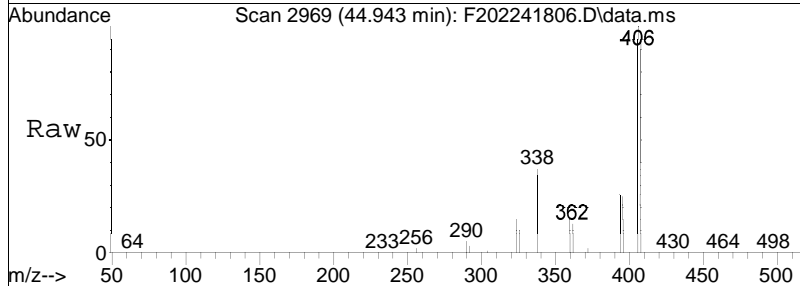
Tgt Ion	Resp	Lower	Upper
360	100		
362	79.4	62.6	93.8

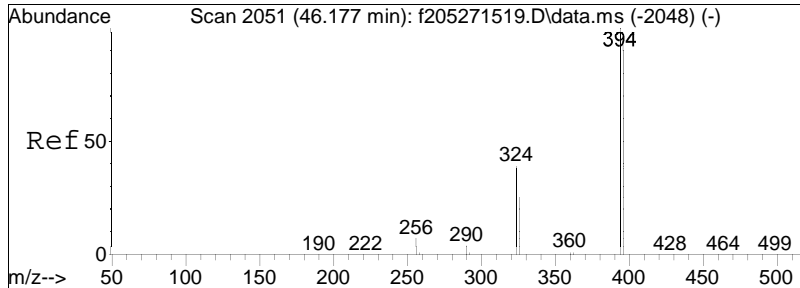




#189
 Cl7-BZ#180
 Concen: 34.81 ng/mL
 RT: 44.943 min Scan# 2969
 Delta R.T. -0.016 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

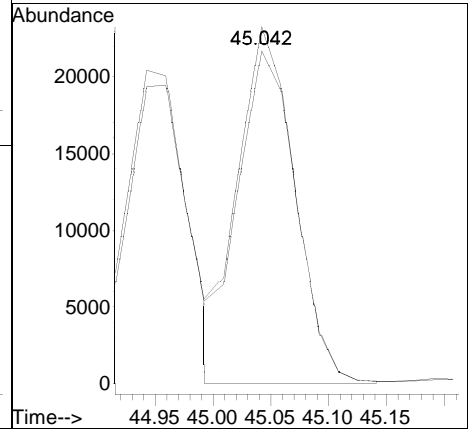
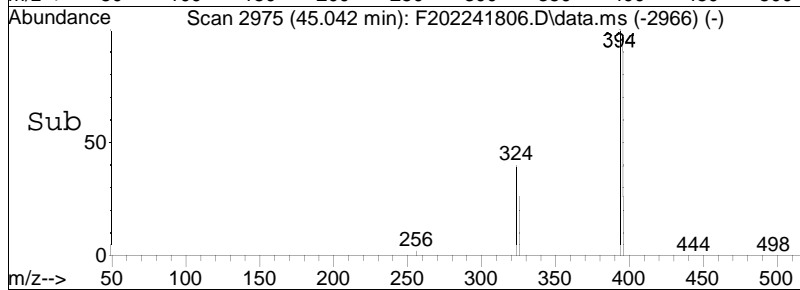
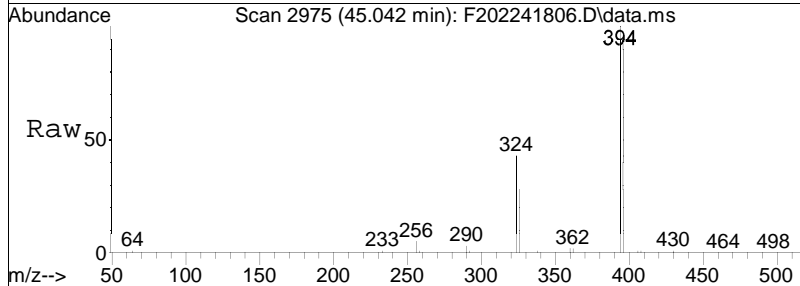
Tgt Ion: 394 Resp: 74802
 Ion Ratio Lower Upper
 394 100
 396 95.3 74.2 111.2

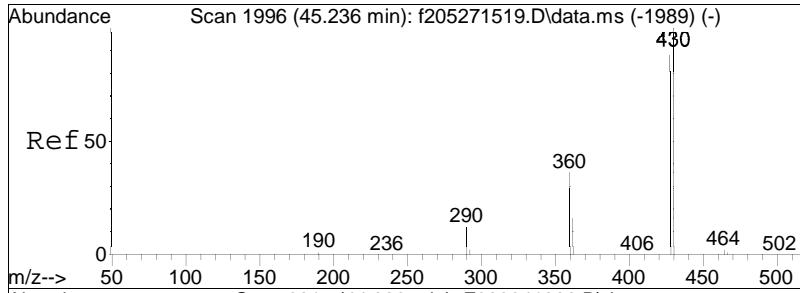




#190
 C17-BZ#193
 Concen: 32.34 ng/mL M4
 RT: 45.042 min Scan# 2975
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

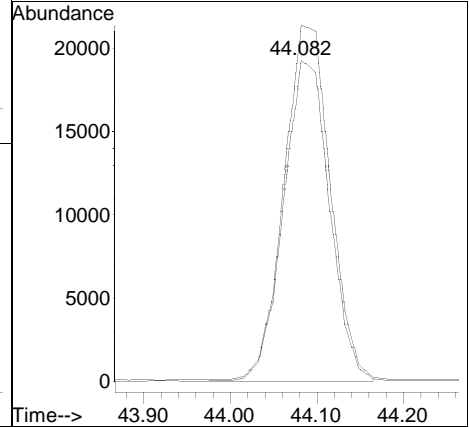
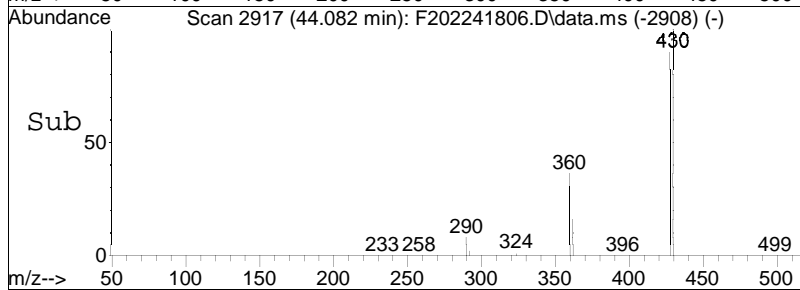
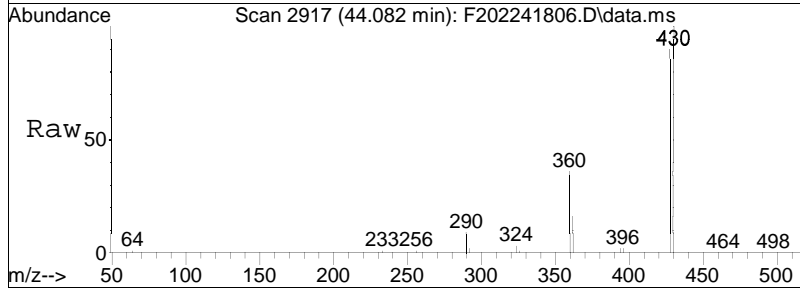
Tgt Ion: 394 Resp: 79385
 Ion Ratio Lower Upper
 394 100
 396 93.5 76.3 114.5

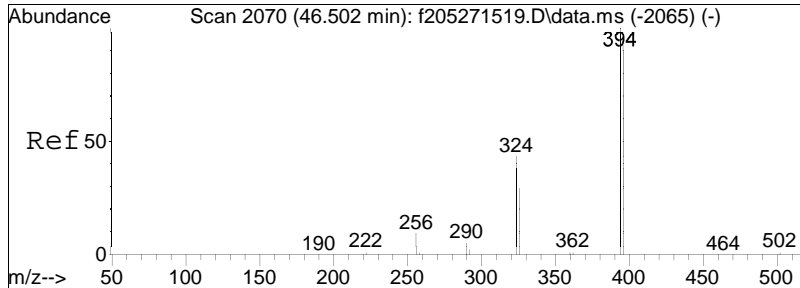




#191
 Cl8-BZ#197
 Concen: 37.05 ng/mL
 RT: 44.082 min Scan# 2917
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

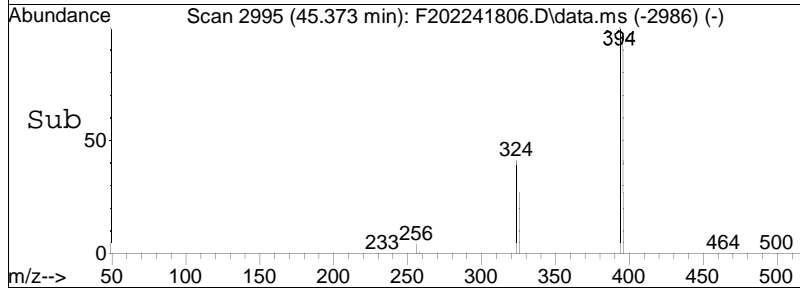
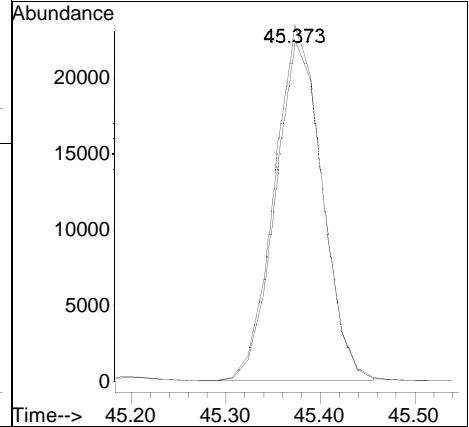
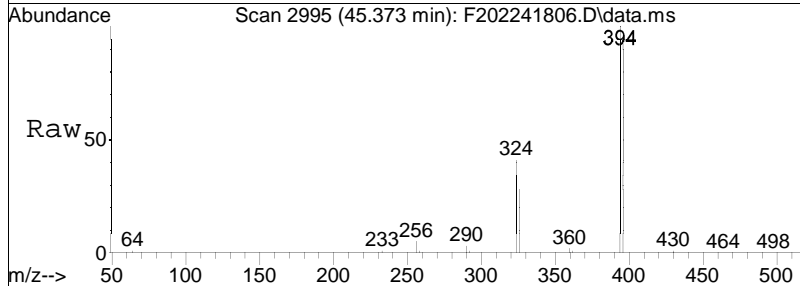
Tgt Ion	Resp	Lower	Upper
428	70400		
428	100		
430	111.8	88.4	132.6

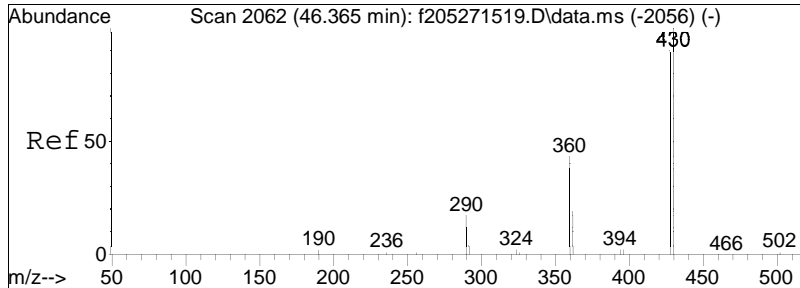




#192
 C17-BZ#191
 Concen: 39.70 ng/mL
 RT: 45.373 min Scan# 2995
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

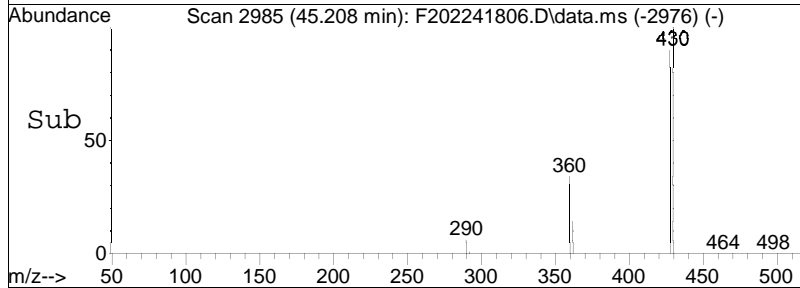
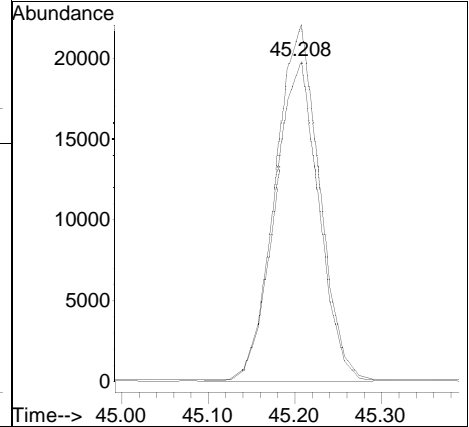
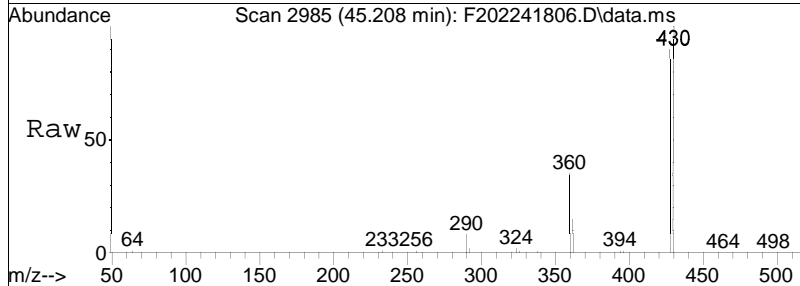
Tgt Ion	Resp	Lower	Upper
394	100		
396	96.0	74.6	111.8

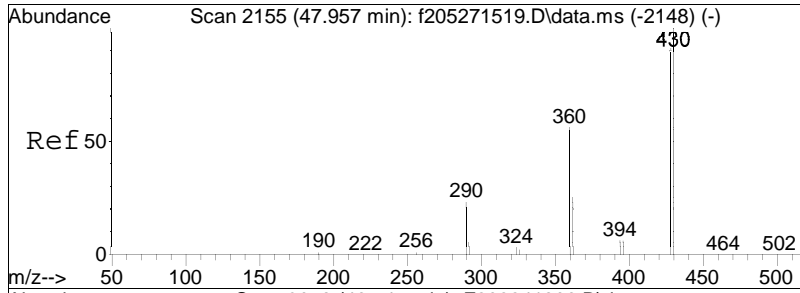




#193
 Cl8-BZ#199
 Concen: 37.58 ng/mL
 RT: 45.208 min Scan# 2985
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

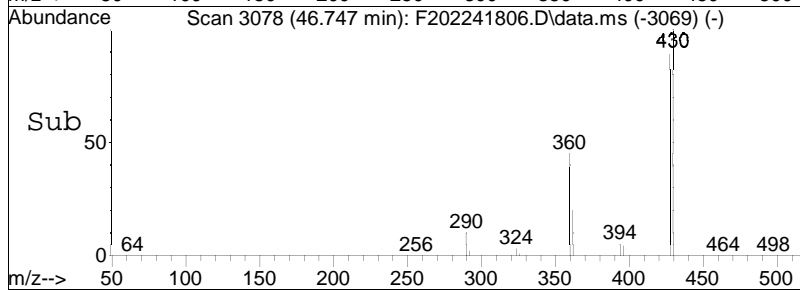
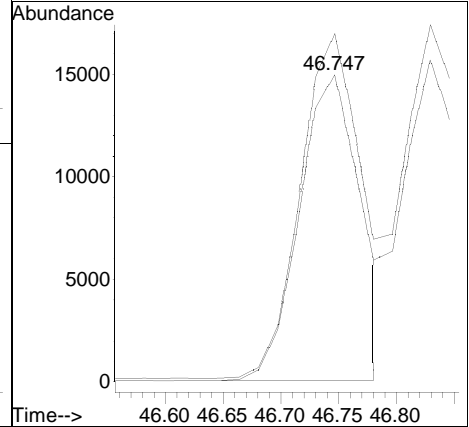
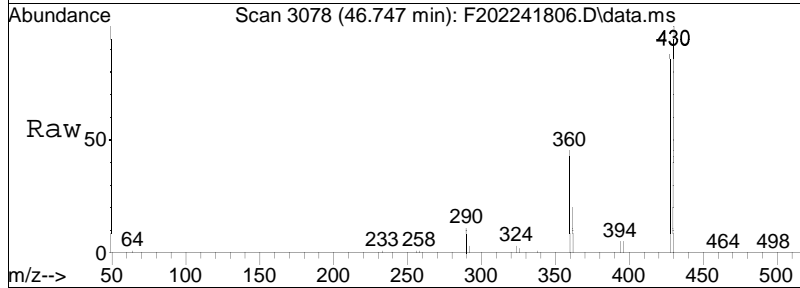
Tgt Ion: 428 Resp: 69047
 Ion Ratio Lower Upper
 428 100
 430 111.5 90.5 135.7

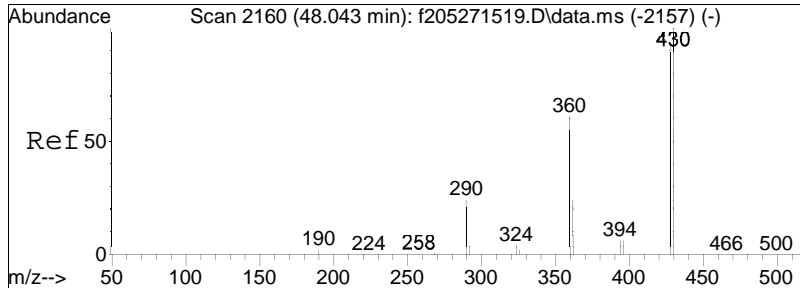




#194
 Cl8-BZ#198
 Concen: 39.47 ng/mL
 RT: 46.747 min Scan# 3078
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

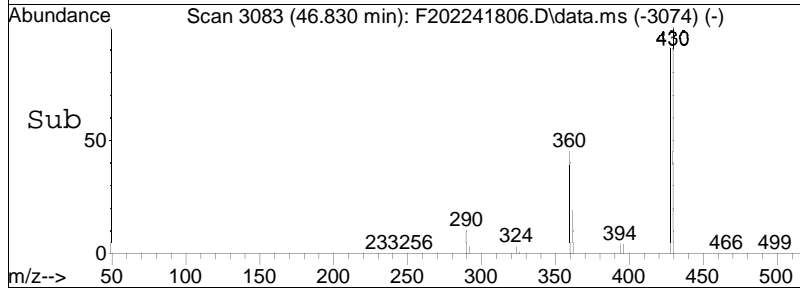
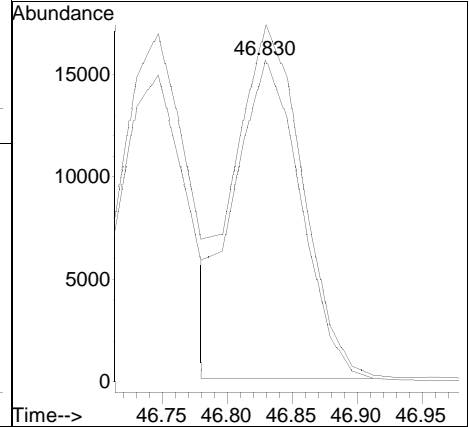
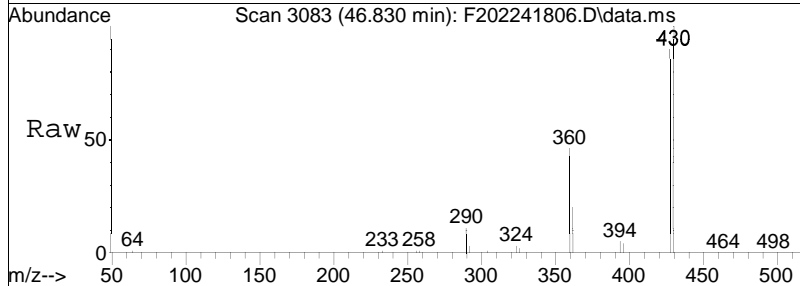
Tgt Ion	Resp	Lower	Upper
428	100		
430	112.0	90.0	135.0

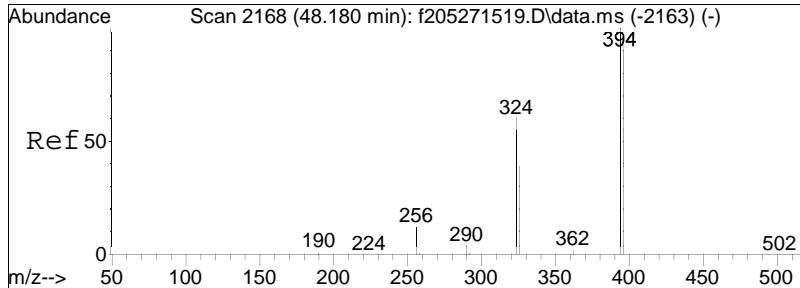




#195
 Cl8-BZ#201
 Concen: 39.75 ng/mL
 RT: 46.830 min Scan# 3083
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

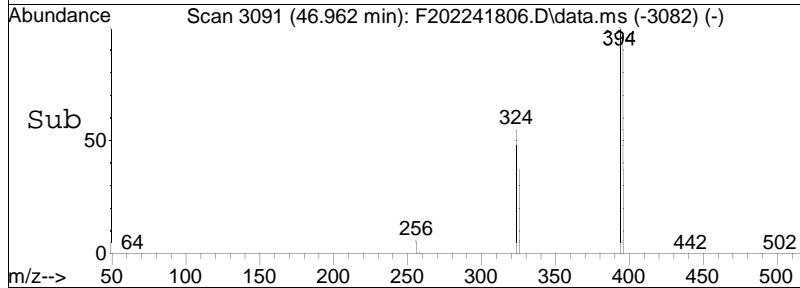
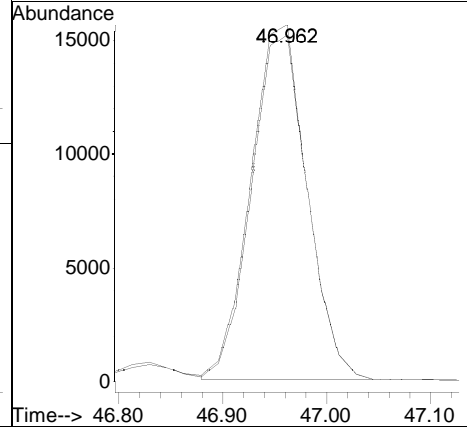
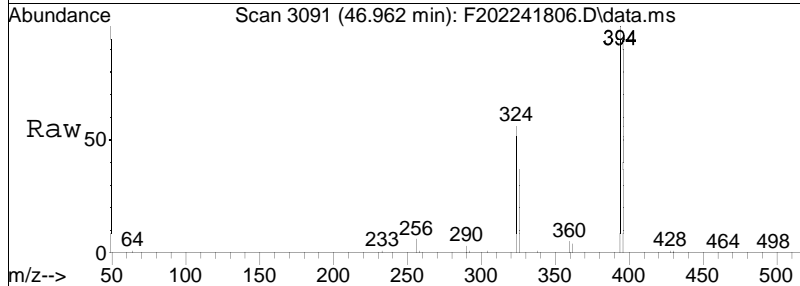
Tgt Ion: 428 Resp: 54548
 Ion Ratio Lower Upper
 428 100
 430 112.1 91.3 136.9

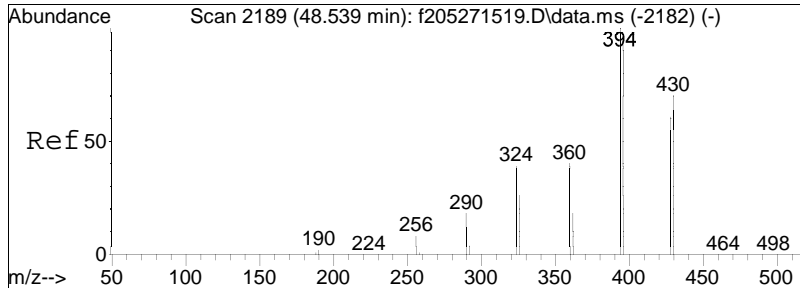




#196
 C17-BZ#170
 Concen: 42.93 ng/mL
 RT: 46.962 min Scan# 3091
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

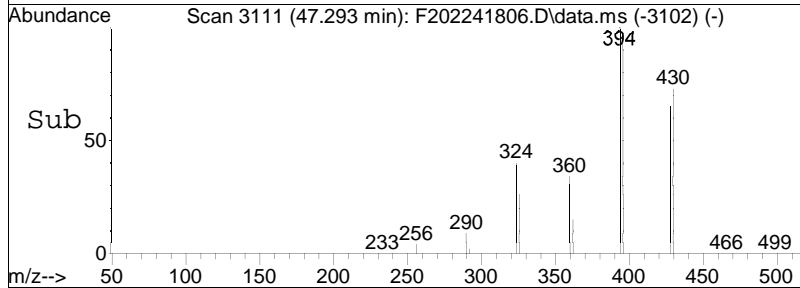
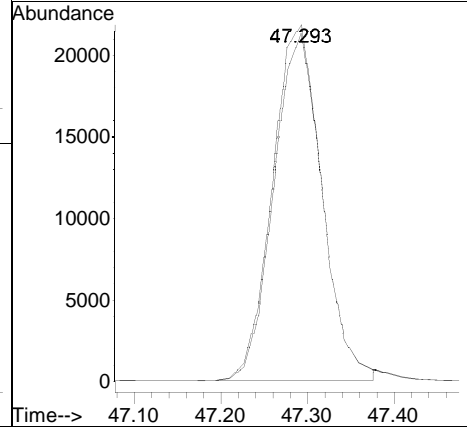
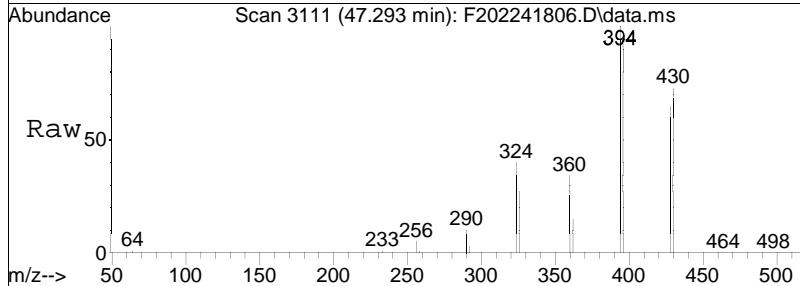
Tgt Ion: 394 Resp: 58063
 Ion Ratio Lower Upper
 394 100
 396 96.6 80.2 120.4

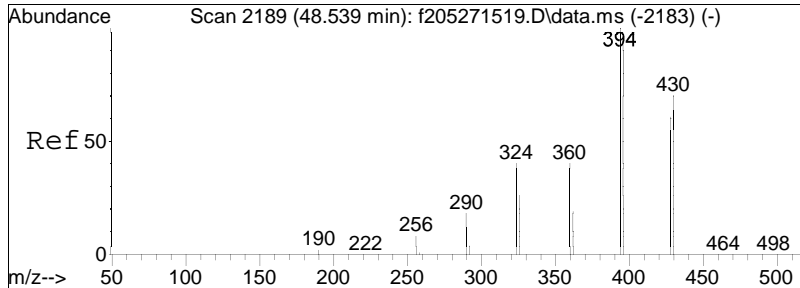




#197
 C17-BZ#190
 Concen: 38.78 ng/mL
 RT: 47.293 min Scan# 3111
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

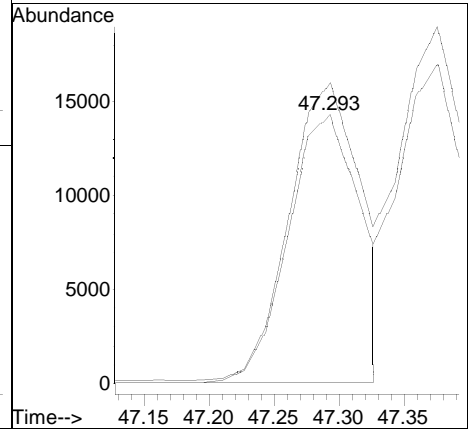
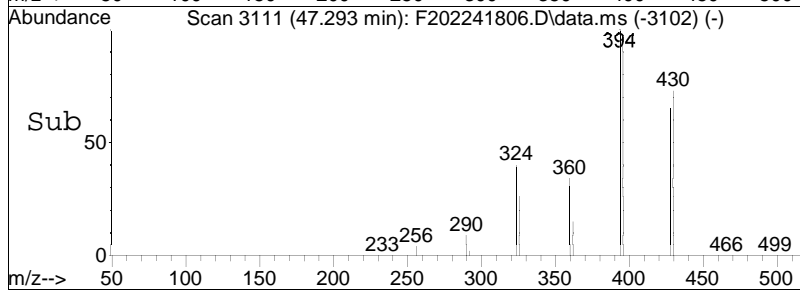
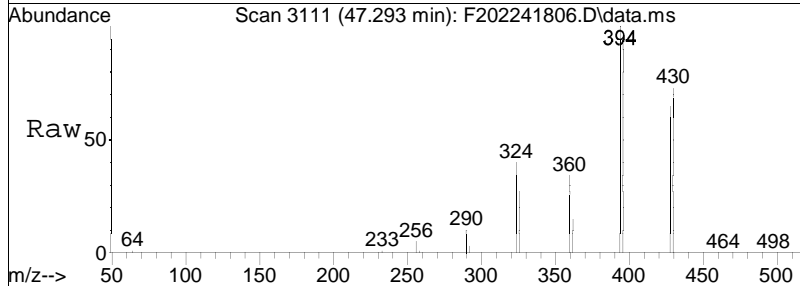
Tgt Ion: 394 Resp: 86051
 Ion Ratio Lower Upper
 394 100
 396 95.8 78.9 118.3

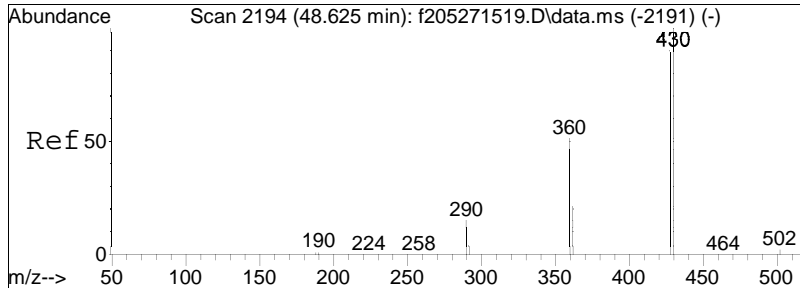




#198
 Cl8-BZ#196
 Concen: 38.76 ng/mL
 RT: 47.293 min Scan# 3111
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

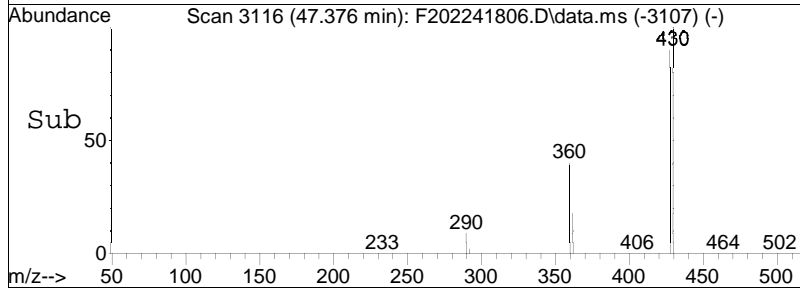
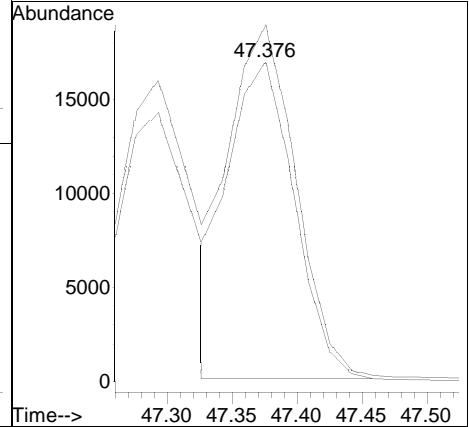
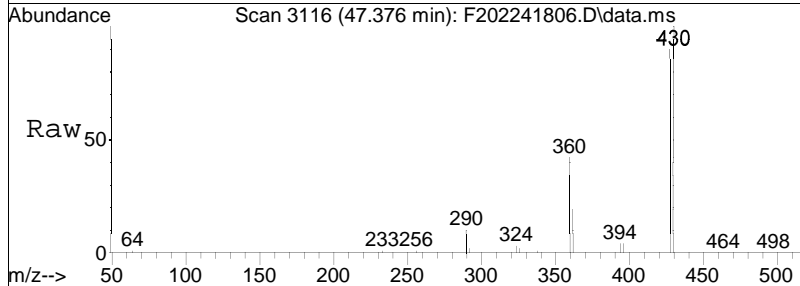
Tgt Ion: 428 Resp: 56111
 Ion Ratio Lower Upper
 428 100
 430 109.9 90.2 135.2

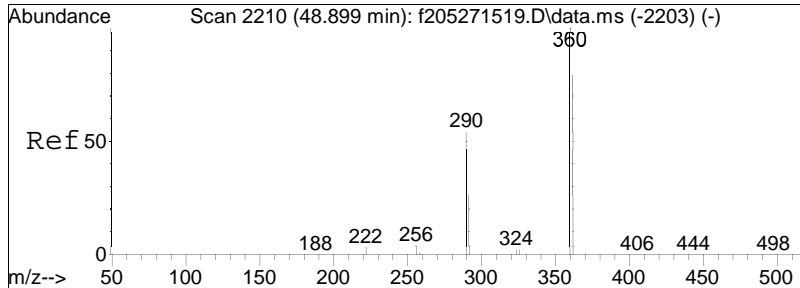




#199
 Cl8-BZ#203
 Concen: 39.71 ng/mL
 RT: 47.376 min Scan# 3116
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

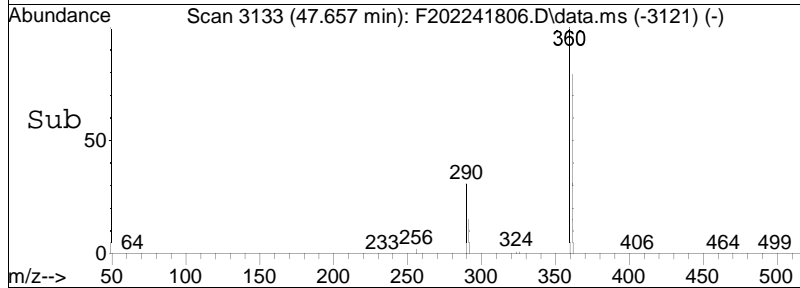
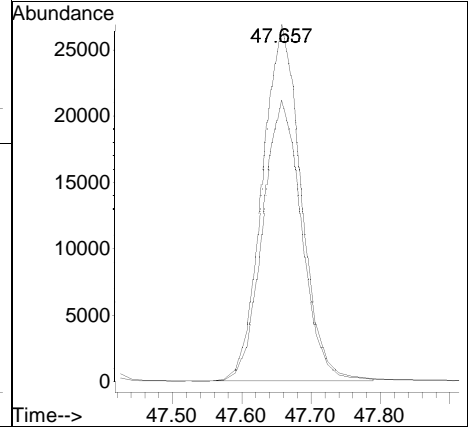
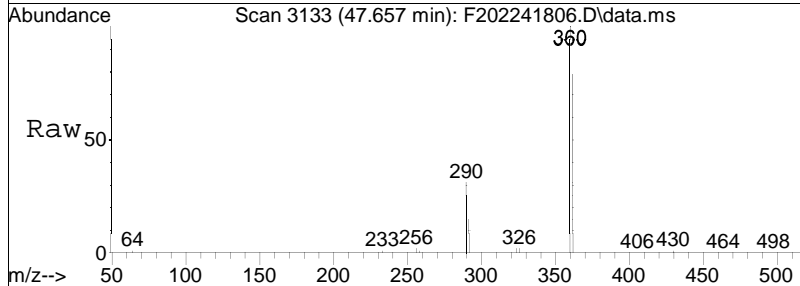
Tgt Ion: 428 Resp: 59894
 Ion Ratio Lower Upper
 428 100
 430 111.2 90.0 135.0

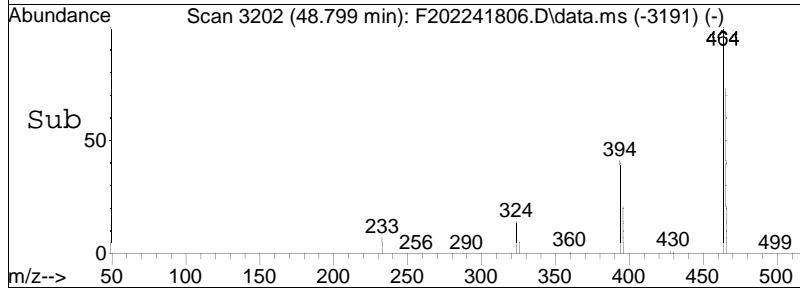
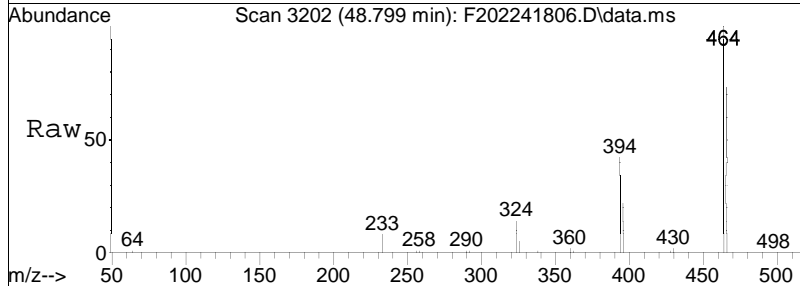
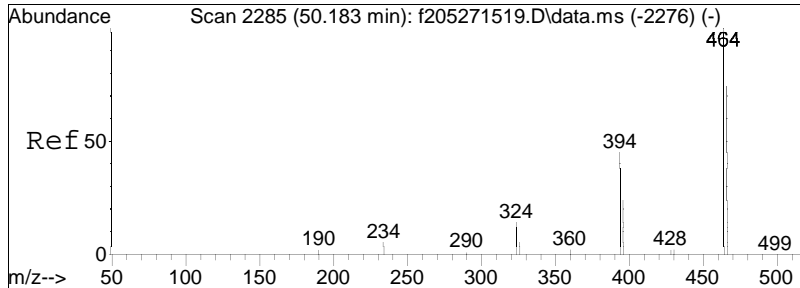




#200
 Cl6-BZ#169-RTW
 Concen: 42.13 ng/mL
 RT: 47.657 min Scan# 3133
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

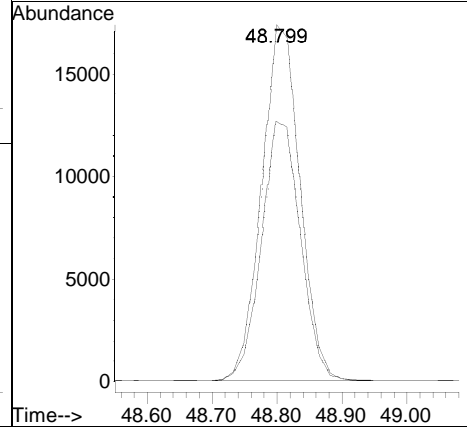
Tgt Ion	Resp	Lower	Upper
360	103529		
362	79.5	65.0	97.4

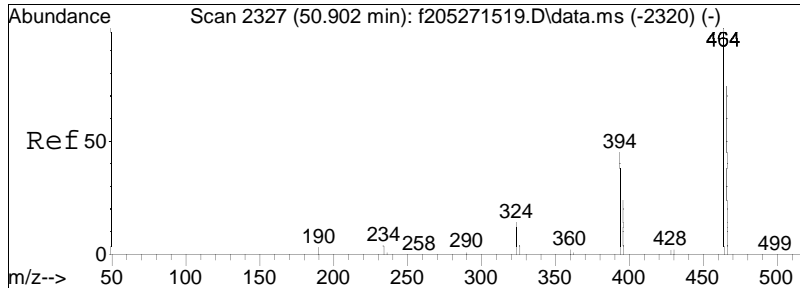




#201
 C19-BZ#208-RTW
 Concen: 38.56 ng/mL
 RT: 48.799 min Scan# 3202
 Delta R.T. -0.016 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

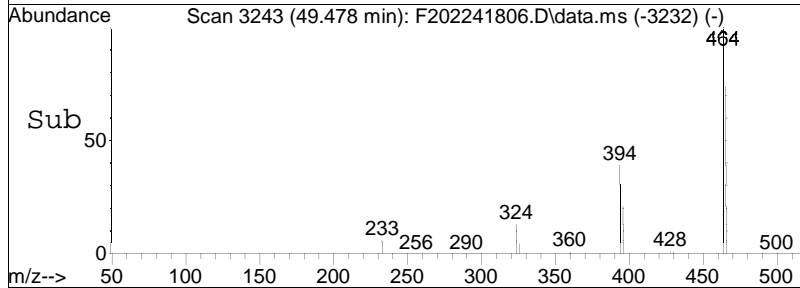
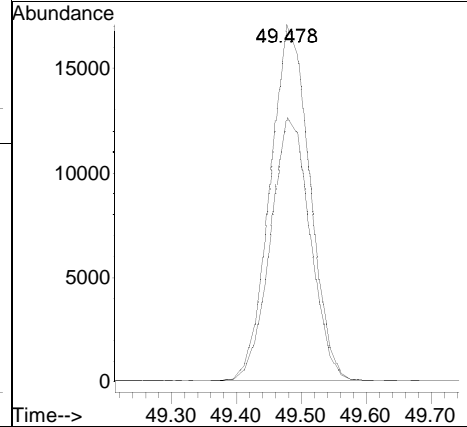
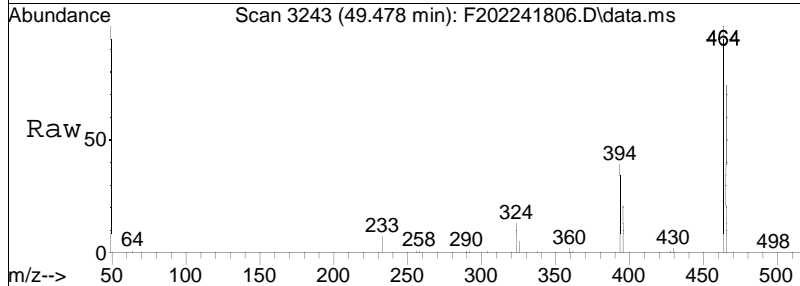
Tgt Ion: 464 Resp: 70838
 Ion Ratio Lower Upper
 464 100
 466 73.8 60.3 90.5

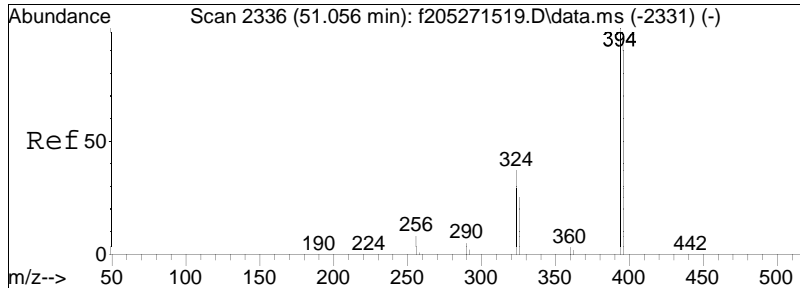




#202
 C19-BZ#207
 Concen: 38.40 ng/mL
 RT: 49.478 min Scan# 3243
 Delta R.T. -0.016 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

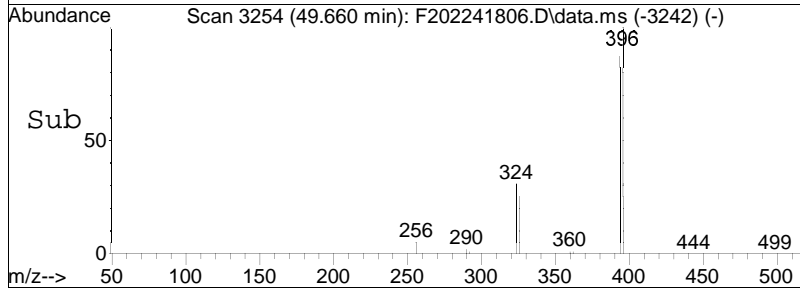
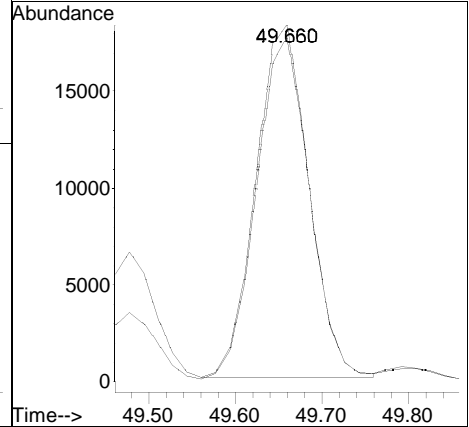
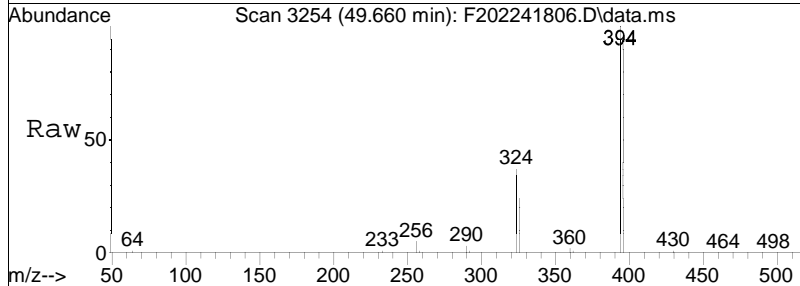
Tgt Ion: 464 Resp: 72198
 Ion Ratio Lower Upper
 464 100
 466 74.2 61.9 92.9

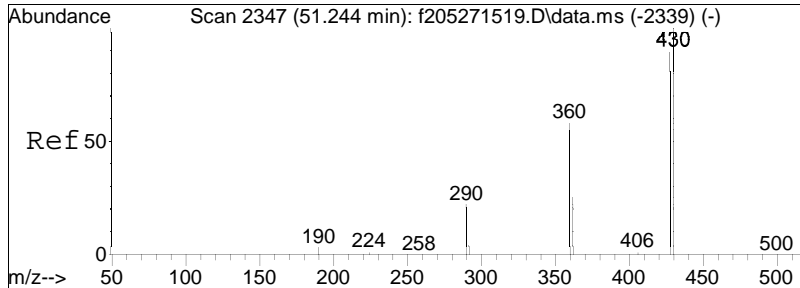




#203
 C17-BZ#189-RTW
 Concen: 41.65 ng/mL
 RT: 49.660 min Scan# 3254
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

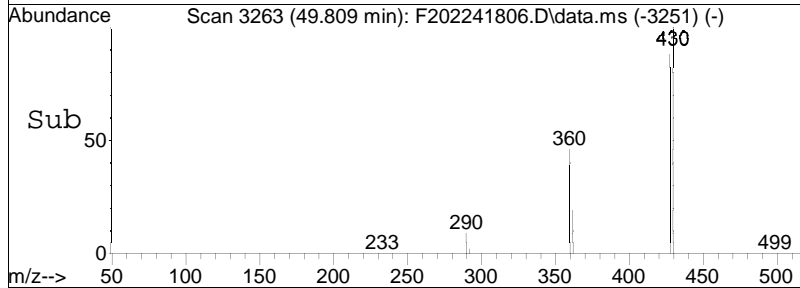
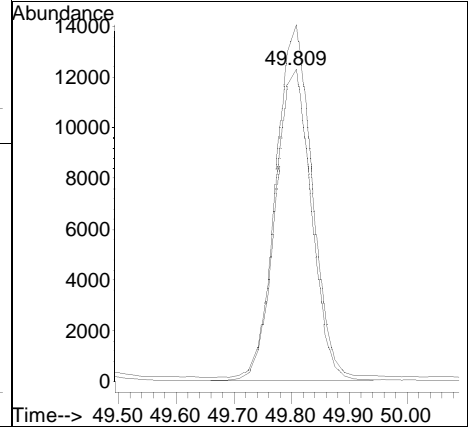
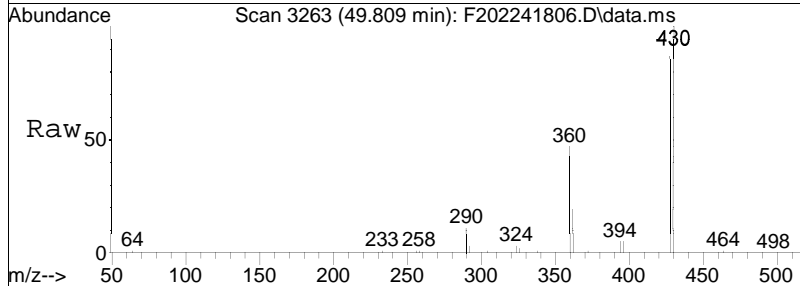
Tgt Ion: 394 Resp: 76803
 Ion Ratio Lower Upper
 394 100
 396 97.3 76.4 114.6

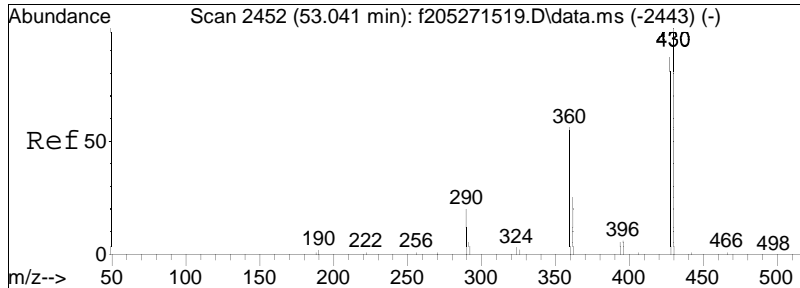




#204
 Cl8-BZ#195
 Concen: 39.42 ng/mL
 RT: 49.809 min Scan# 3263
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

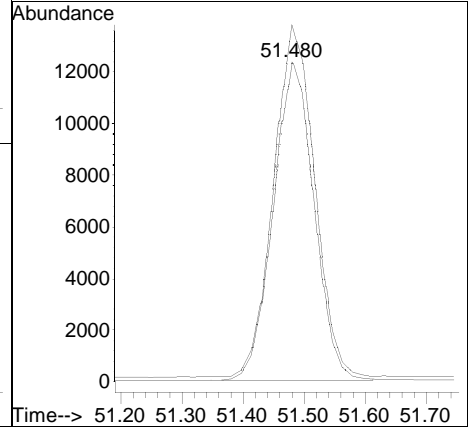
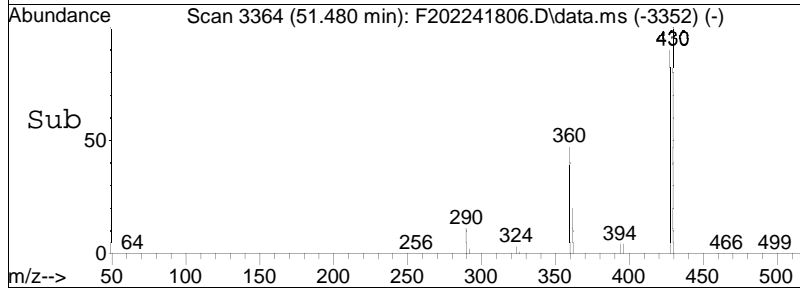
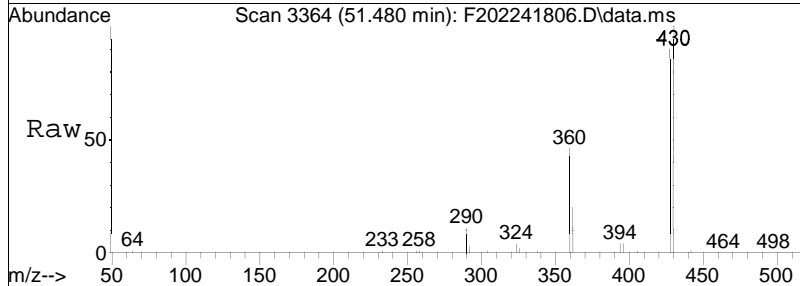
Tgt Ion: 428 Resp: 52914
 Ion Ratio Lower Upper
 428 100
 430 113.2 93.8 140.8

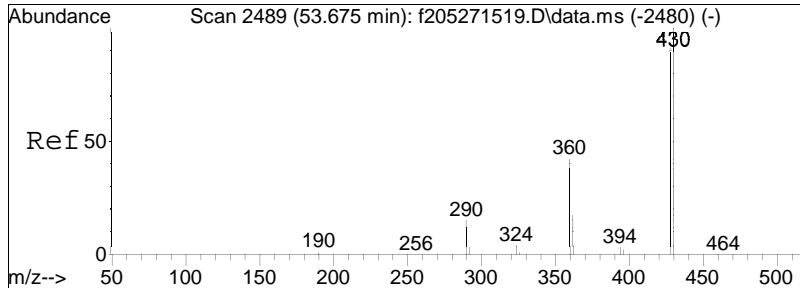




#205
 Cl8-BZ#194
 Concen: 41.05 ng/mL
 RT: 51.480 min Scan# 3364
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

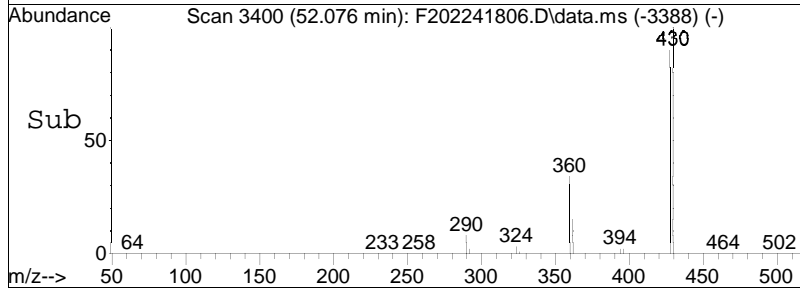
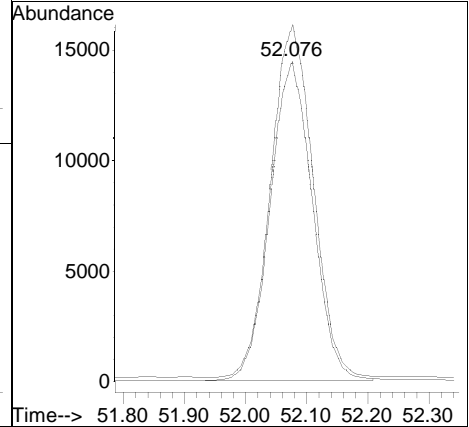
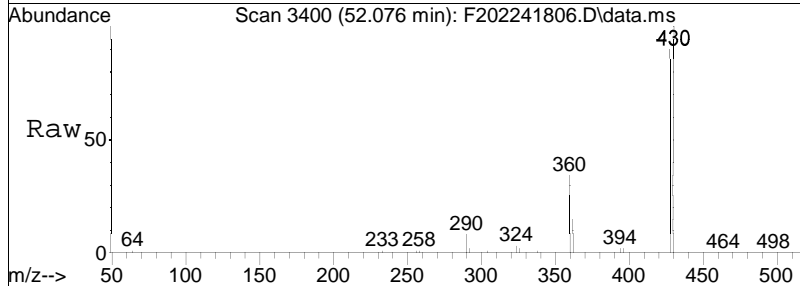
Tgt Ion	Resp	Lower	Upper
428	56726		
430	111.1	92.2	138.2

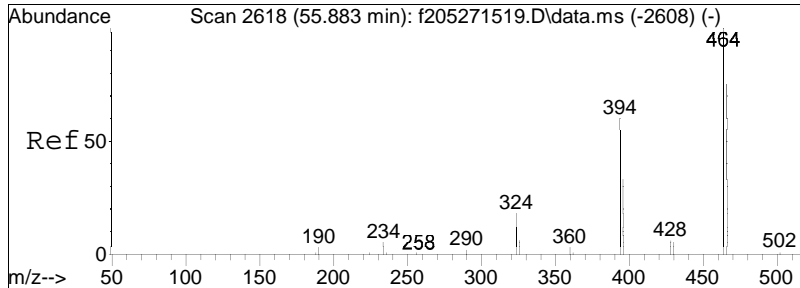




#206
 C18-BZ#205-RTW
 Concen: 42.89 ng/mL
 RT: 52.076 min Scan# 3400
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

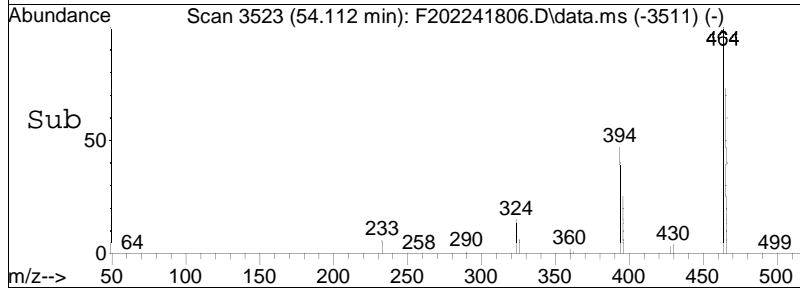
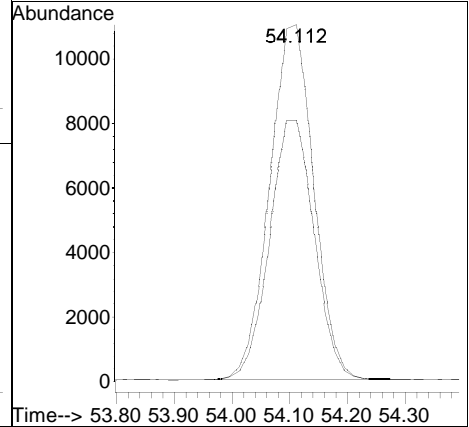
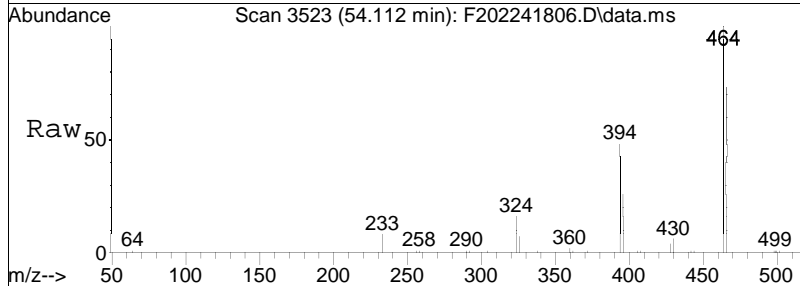
Tgt Ion	Resp	Lower	Upper
428	100		
430	111.5	91.3	136.9

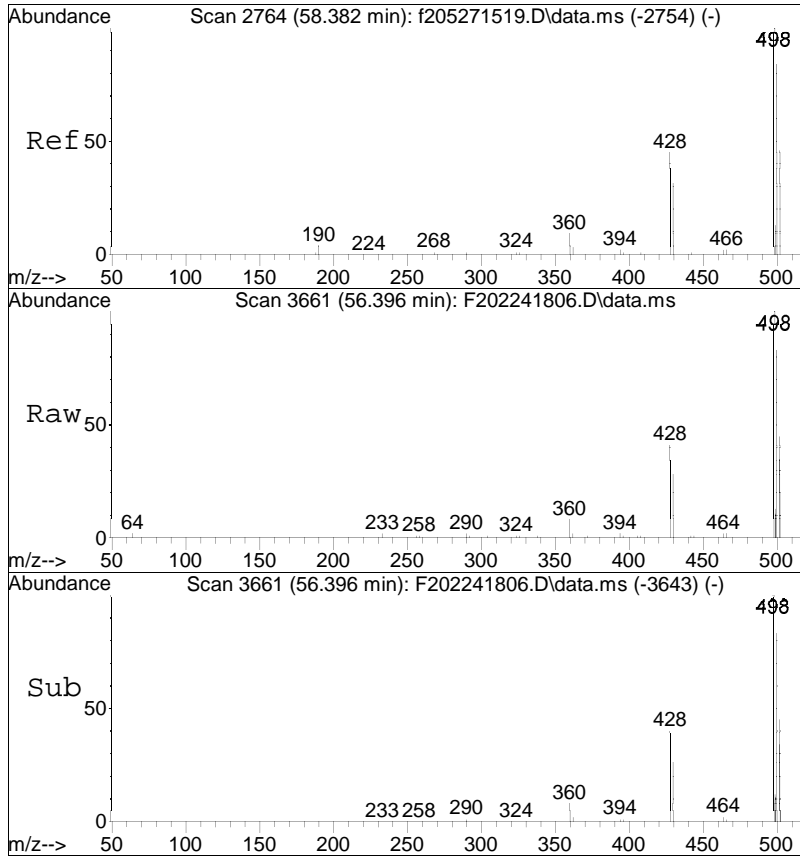




#207
 C19-BZ#206-Cal/RTW
 Concen: 41.40 ng/mL
 RT: 54.112 min Scan# 3523
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

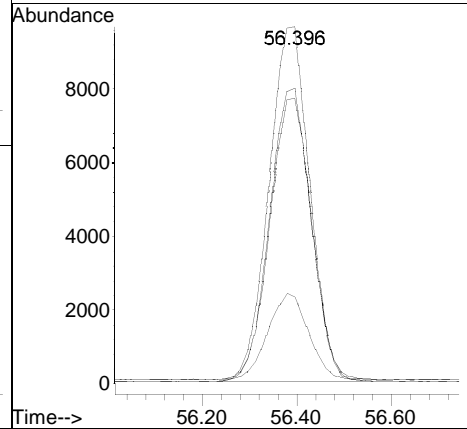
Tgt Ion: 464 Resp: 58301
 Ion Ratio Lower Upper
 464 100
 466 74.1 60.2 90.2





#210
 Cl10-BZ#209-Cal/RTW
 Concen: 39.35 ng/mL
 RT: 56.396 min Scan# 3661
 Delta R.T. 0.000 min
 Lab File: F202241806.D
 Acq: 24 Feb 2018 3:10 pm

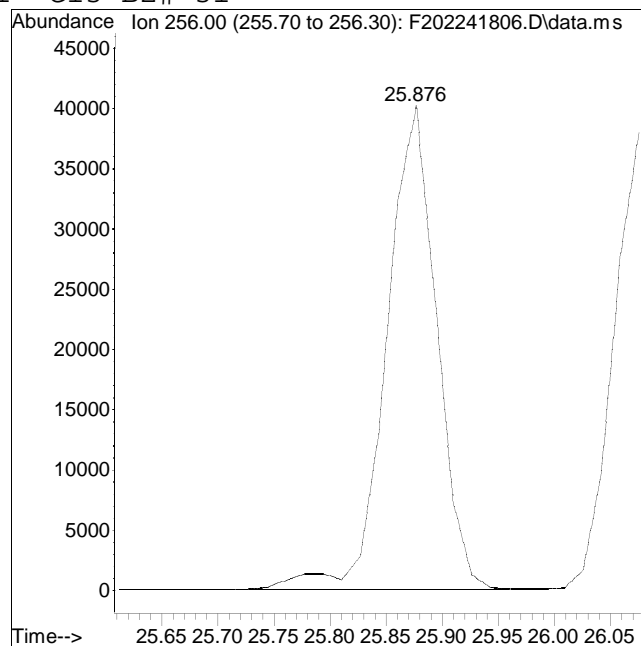
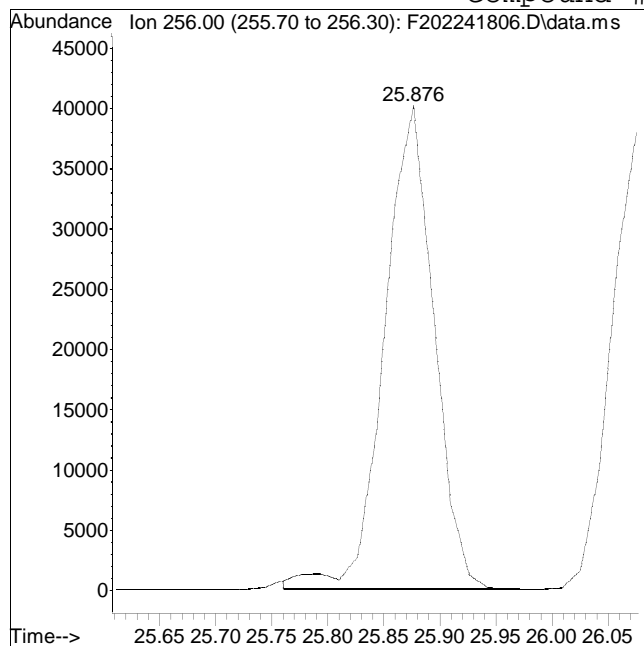
Tgt Ion	Resp	Lower	Upper
498	100		
500	83.5	66.9	100.3
499	24.2	10.8	16.2#
502	80.7	38.5	57.7#



Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241806.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 3:10 pm Instrument : BNA2
Sample : I202241805 Quant Date : 2/25/2018 10:50 am

Compound #41: Cl3-BZ#-31



Original Peak Response = 123171

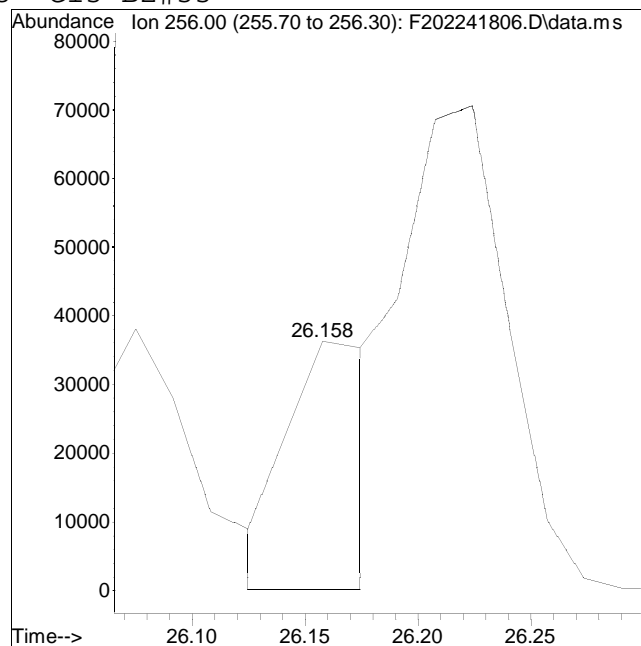
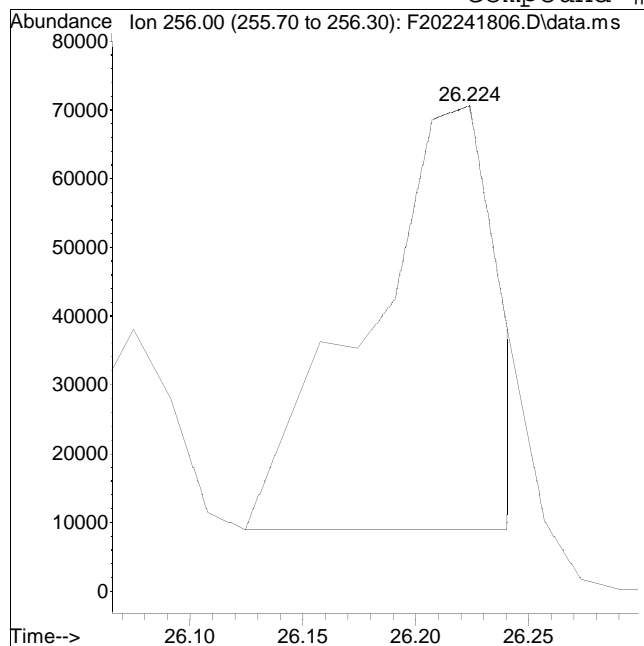
Manual Peak Response = 125085 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241806.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 3:10 pm Instrument : BNA2
Sample : I202241805 Quant Date : 2/25/2018 10:50 am

Compound #43: Cl3-BZ#33



Original Peak Response = 249115

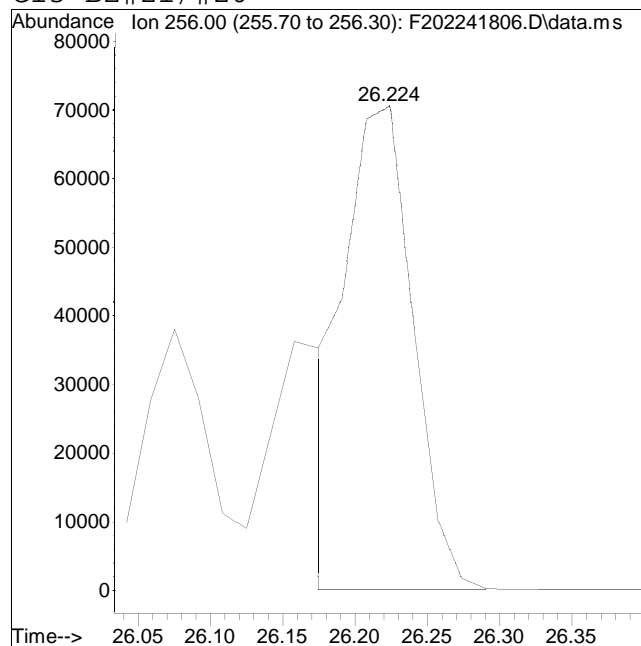
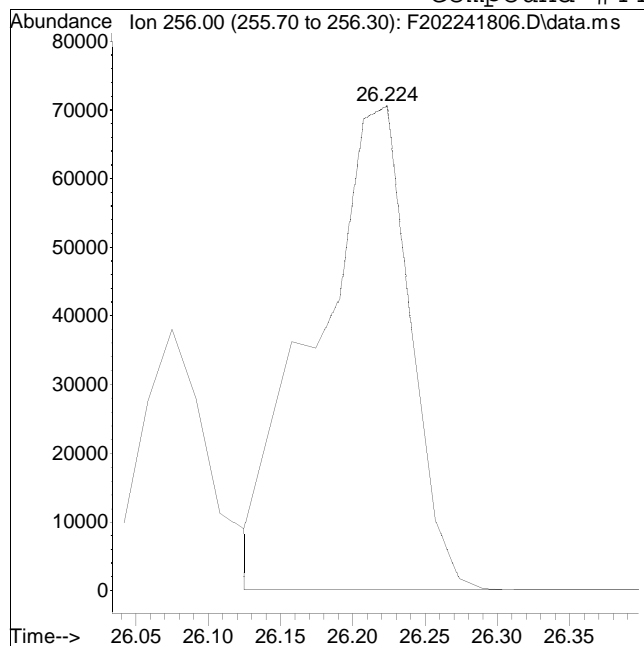
Manual Peak Response = 93216 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241806.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 3:10 pm Instrument : BNA2
Sample : I202241805 Quant Date : 2/25/2018 10:50 am

Compound #44: C13-BZ#21/#20



Original Peak Response = 321911

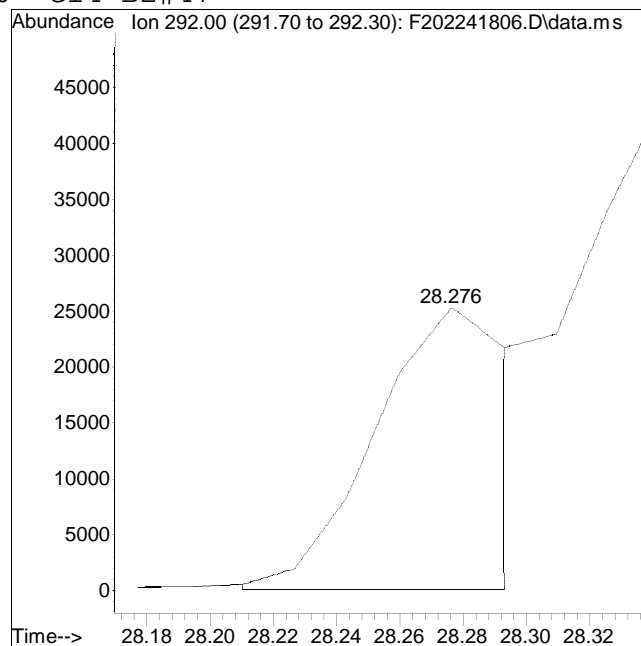
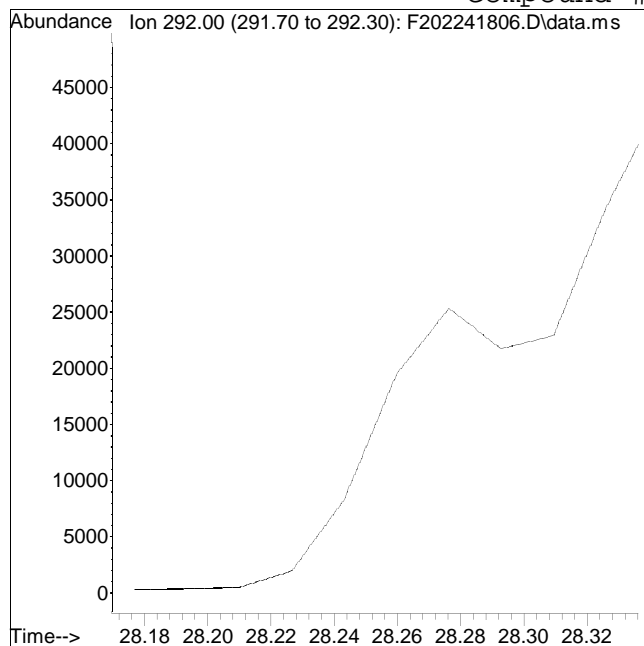
Manual Peak Response = 230055 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241806.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 3:10 pm Instrument : BNA2
Sample : I202241805 Quant Date : 2/25/2018 10:50 am

Compound #56: Cl4-BZ#47



Original Peak Response = 0

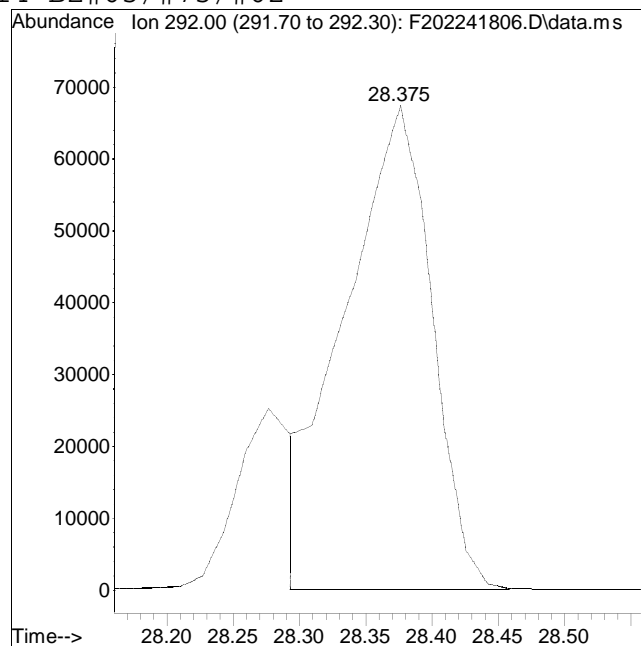
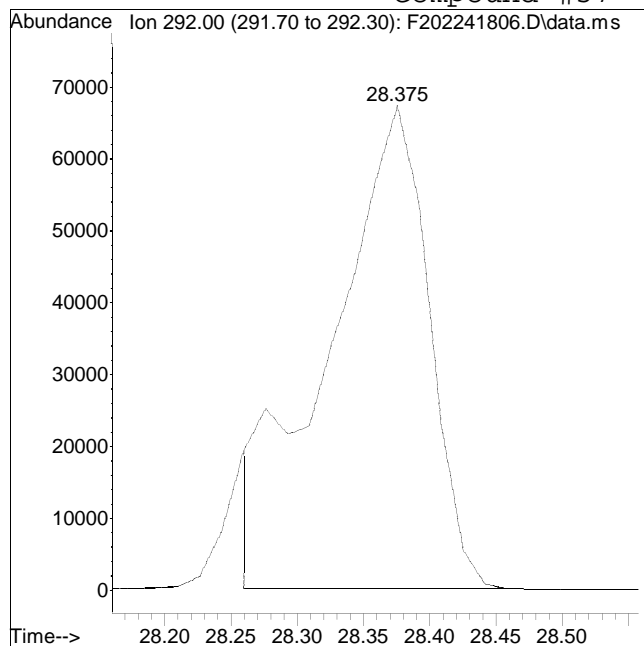
Manual Peak Response = 76048 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241806.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 3:10 pm Instrument : BNA2
Sample : I202241805 Quant Date : 2/25/2018 10:50 am

Compound #57: C14-BZ#65/#75/#62



Original Peak Response = 349940

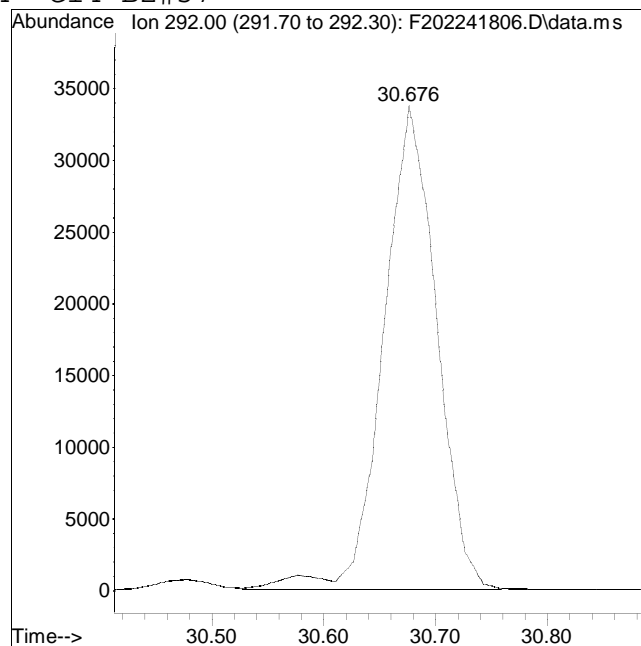
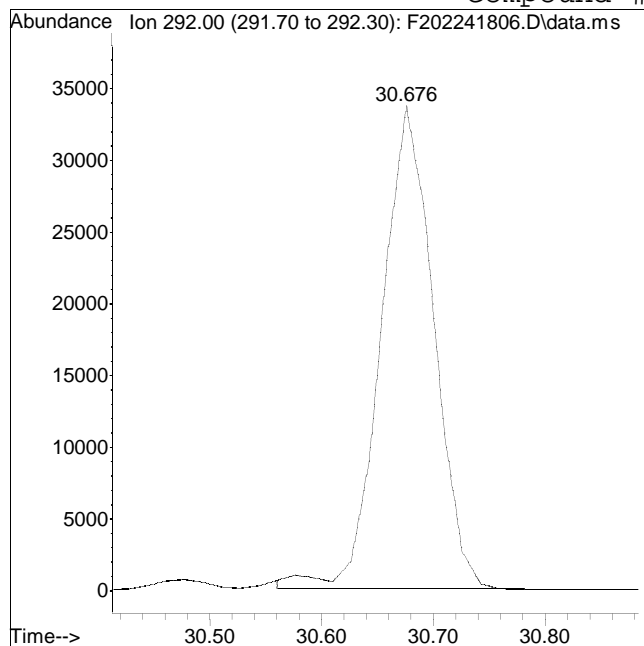
Manual Peak Response = 305405 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241806.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 3:10 pm Instrument : BNA2
Sample : I202241805 Quant Date : 2/25/2018 10:50 am

Compound #74: Cl4-BZ#57



Original Peak Response = 109992

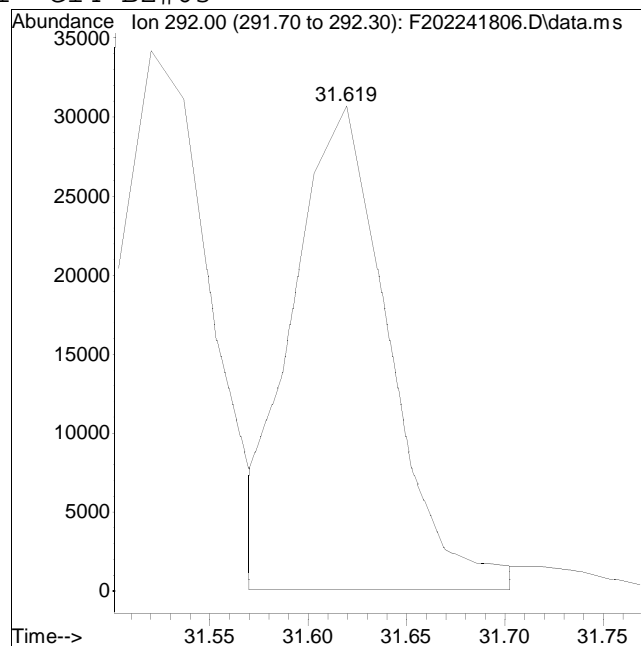
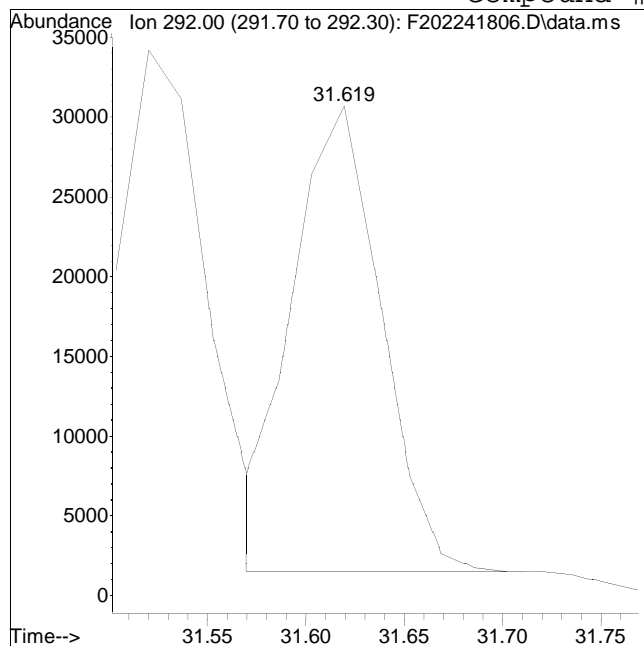
Manual Peak Response = 111752 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241806.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 3:10 pm Instrument : BNA2
Sample : I202241805 Quant Date : 2/25/2018 10:50 am

Compound #81: Cl4-BZ#63



Original Peak Response = 90852

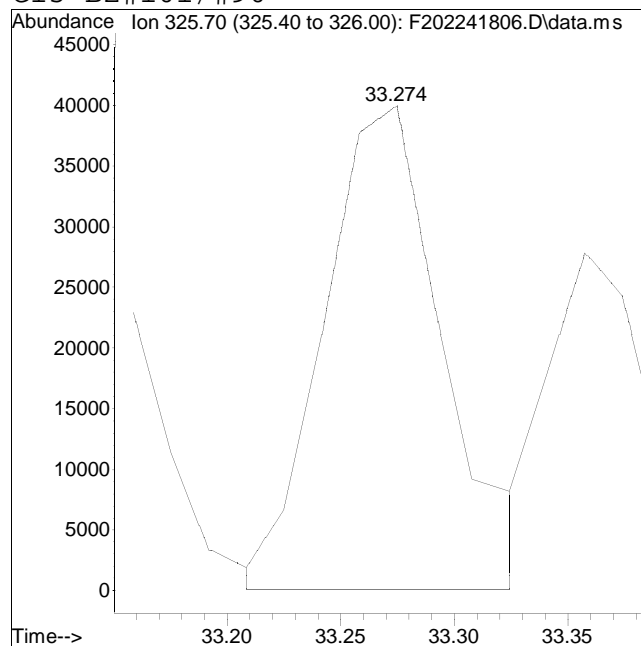
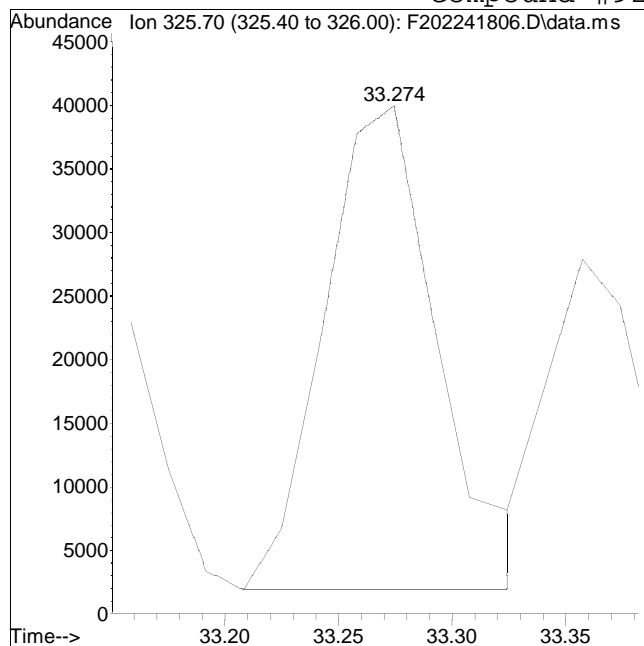
Manual Peak Response = 102595 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241806.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 3:10 pm Instrument : BNA2
Sample : I202241805 Quant Date : 2/25/2018 10:50 am

Compound #92: C15-BZ#101/#90



Original Peak Response = 132182

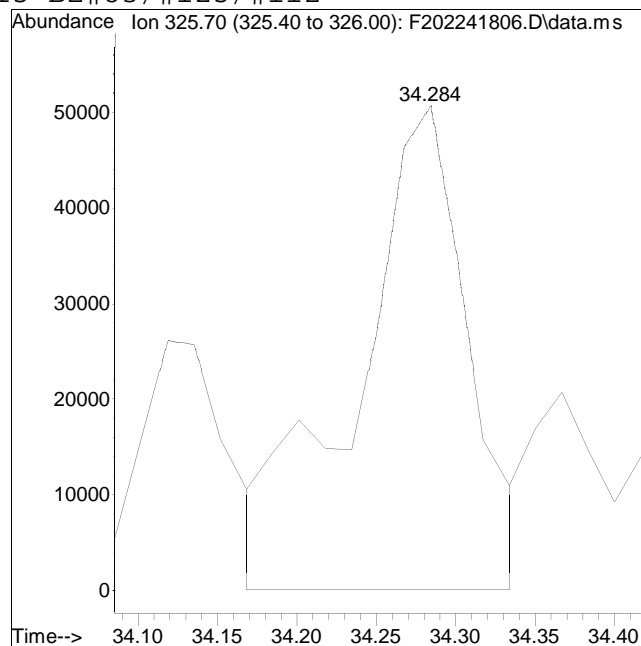
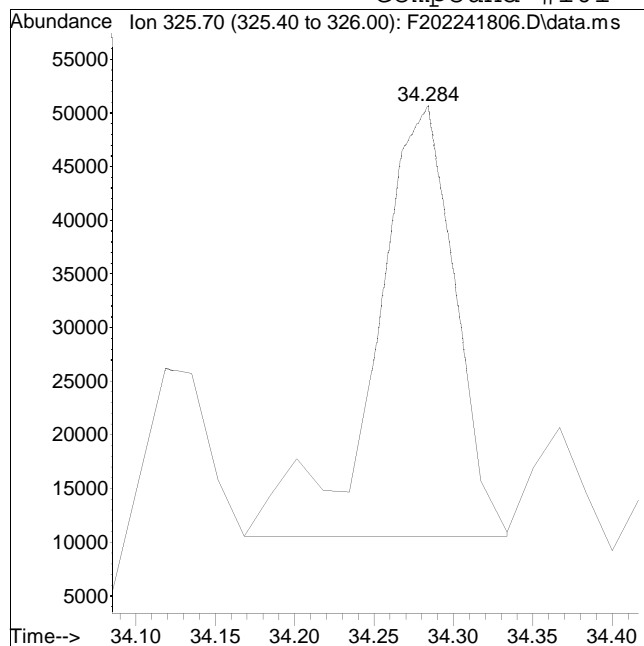
Manual Peak Response = 145000 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241806.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 3:10 pm Instrument : BNA2
Sample : I202241805 Quant Date : 2/25/2018 10:50 am

Compound #101: C15-BZ#83/#125/#112



Original Peak Response = 141507

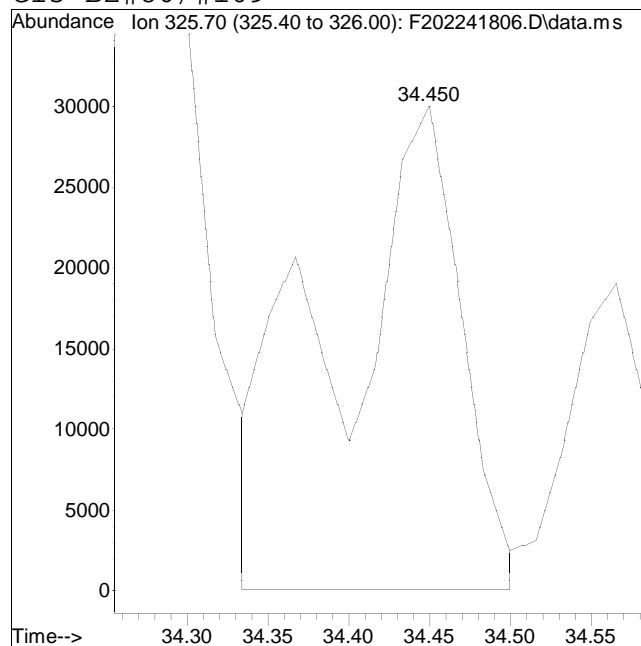
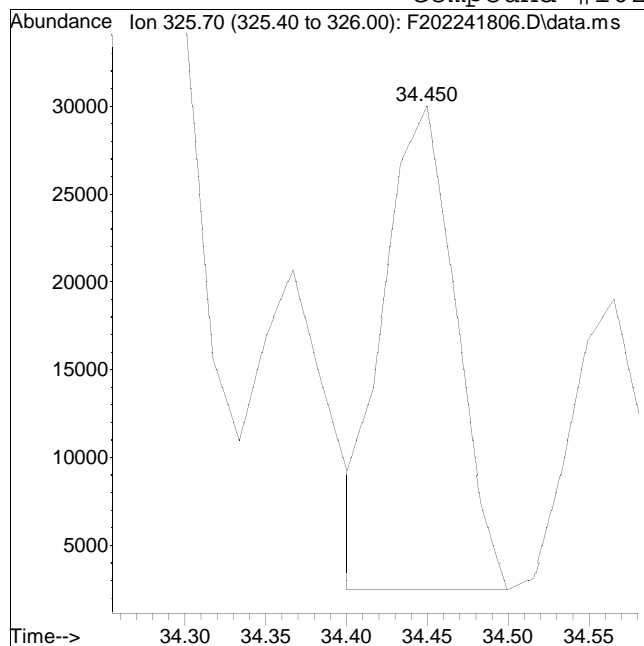
Manual Peak Response = 245792 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241806.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 3:10 pm Instrument : BNA2
Sample : I202241805 Quant Date : 2/25/2018 10:50 am

Compound #102: C15-BZ#86/#109



Original Peak Response = 84937

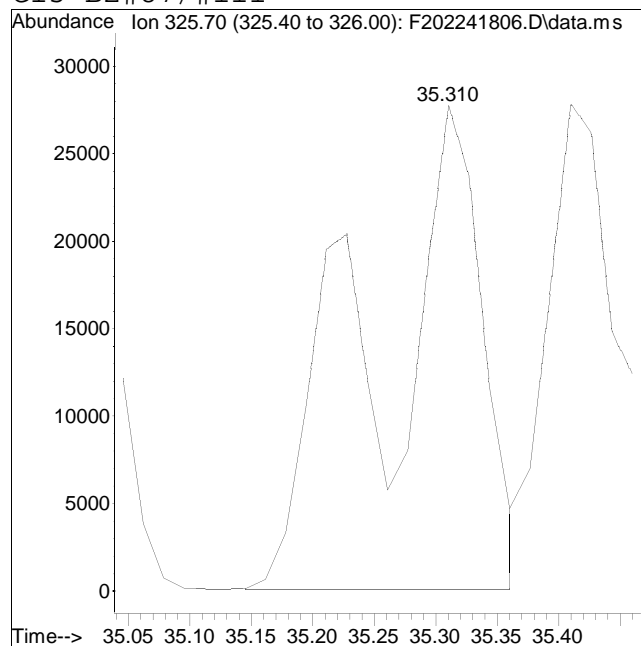
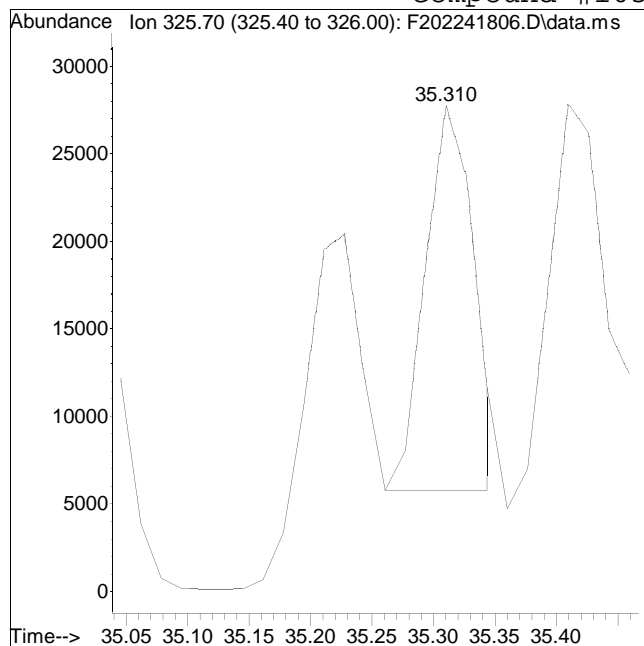
Manual Peak Response = 160157 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241806.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 3:10 pm Instrument : BNA2
Sample : I202241805 Quant Date : 2/25/2018 10:50 am

Compound #105: C15-BZ#87/#111



Original Peak Response = 60729

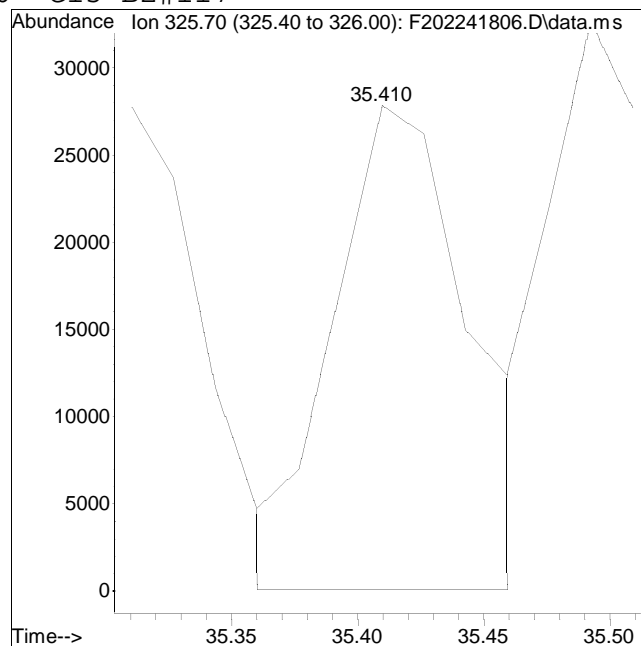
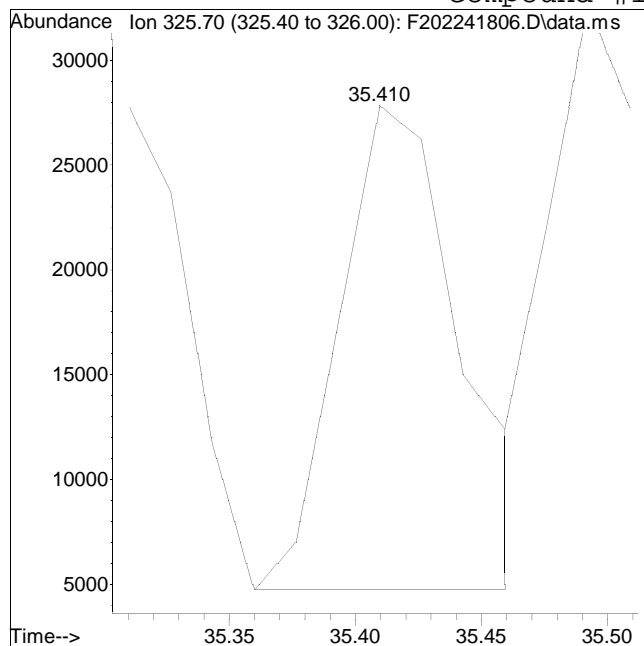
Manual Peak Response = 165165 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241806.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 3:10 pm Instrument : BNA2
Sample : I202241805 Quant Date : 2/25/2018 10:50 am

Compound #116: C15-BZ#117



Original Peak Response = 76764

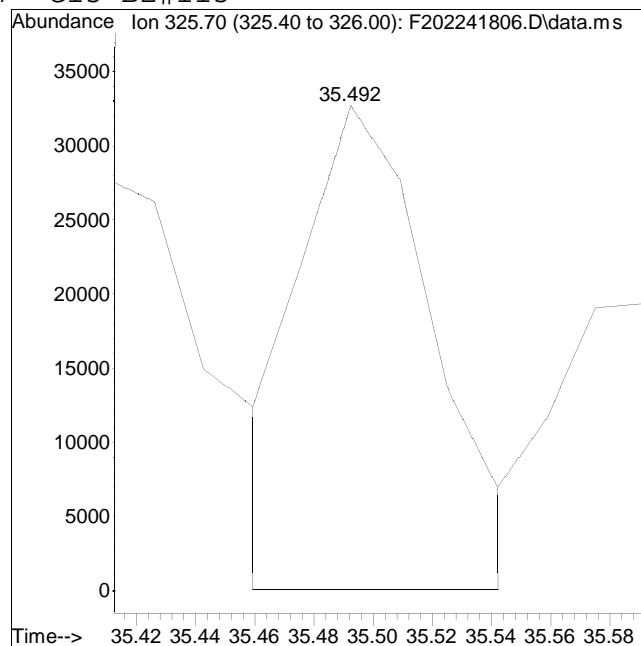
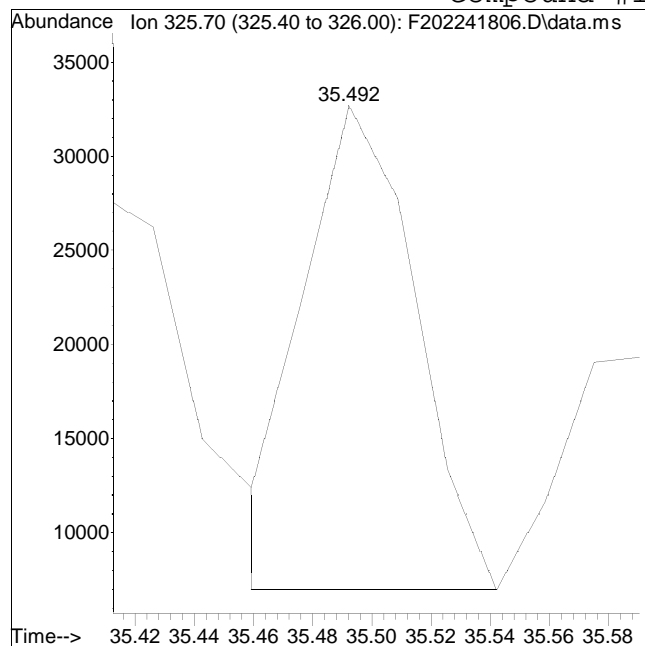
Manual Peak Response = 104528 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241806.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 3:10 pm Instrument : BNA2
Sample : I202241805 Quant Date : 2/25/2018 10:50 am

Compound #117: C15-BZ#115



Original Peak Response = 67468

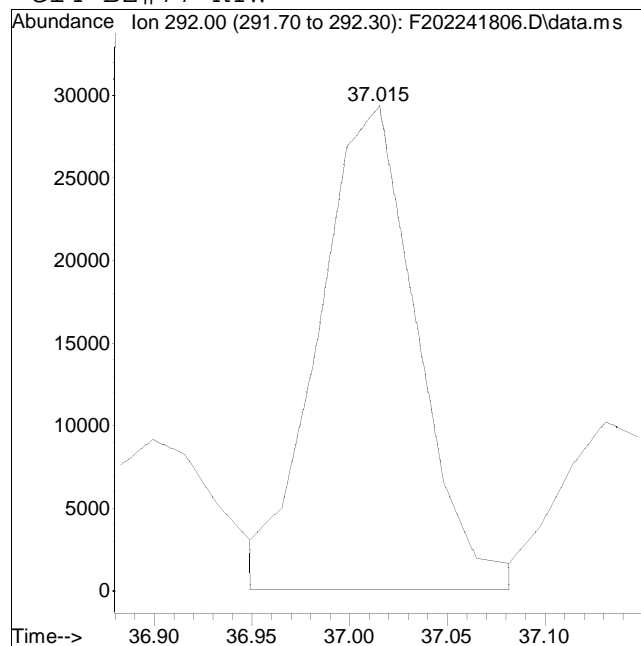
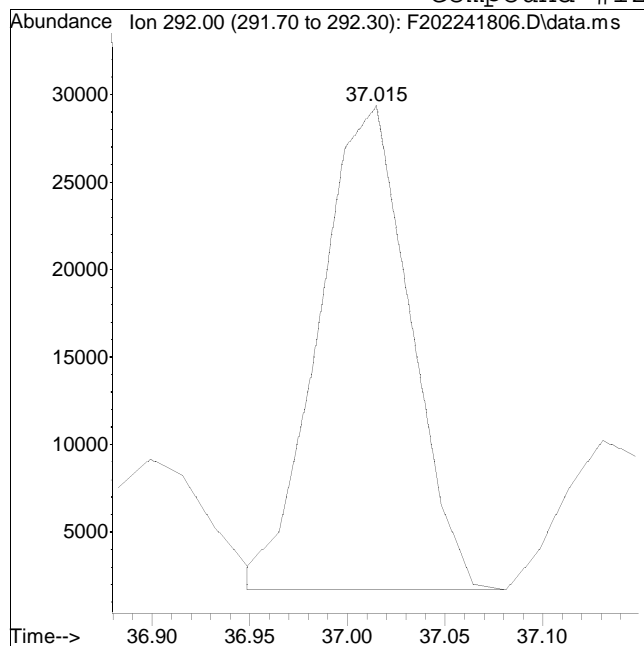
Manual Peak Response = 101732 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241806.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 3:10 pm Instrument : BNA2
Sample : I202241805 Quant Date : 2/25/2018 10:50 am

Compound #128: C14-BZ#77-RTW



Original Peak Response = 89372

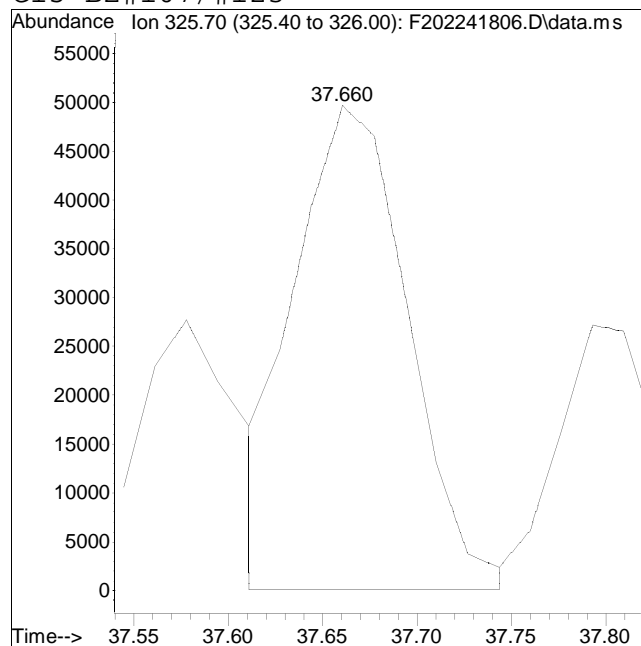
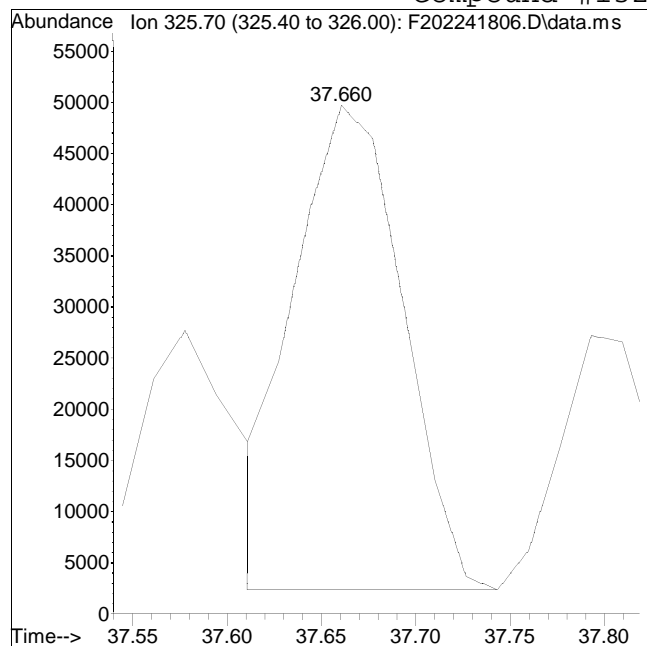
Manual Peak Response = 102337 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241806.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 3:10 pm Instrument : BNA2
Sample : I202241805 Quant Date : 2/25/2018 10:50 am

Compound #132: C15-BZ#107/#123



Original Peak Response = 189414

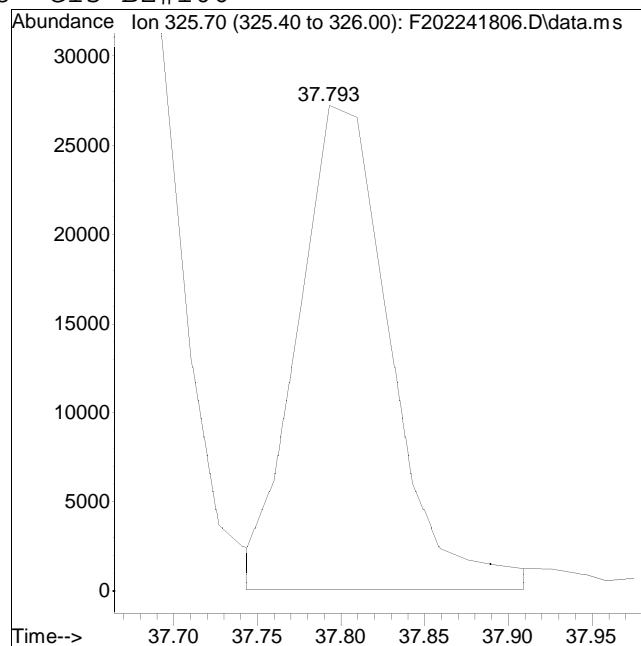
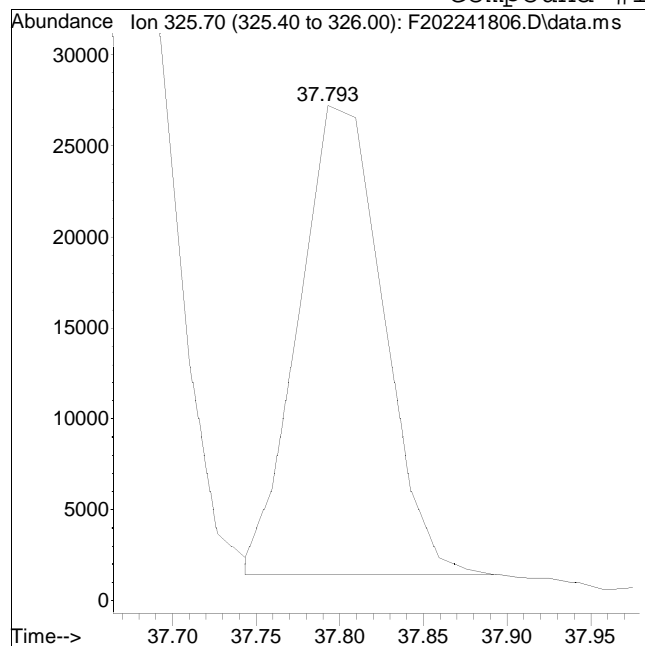
Manual Peak Response = 207685 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241806.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 3:10 pm Instrument : BNA2
Sample : I202241805 Quant Date : 2/25/2018 10:50 am

Compound #138: C15-BZ#106



Original Peak Response = 90244

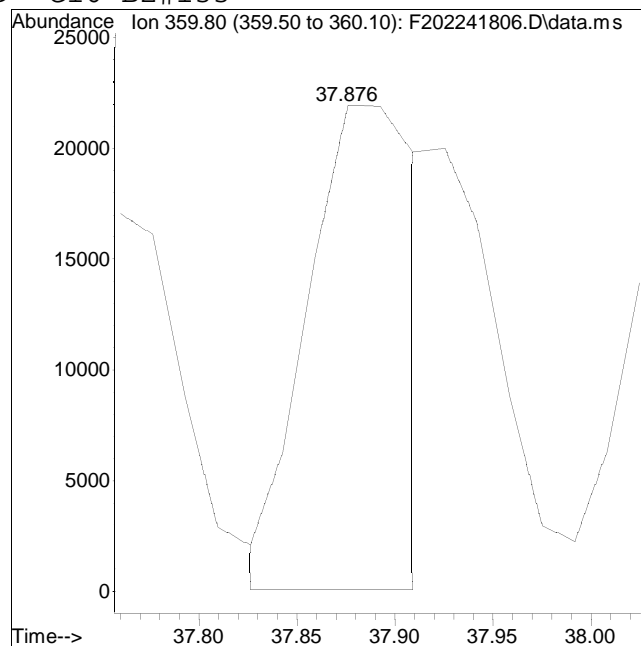
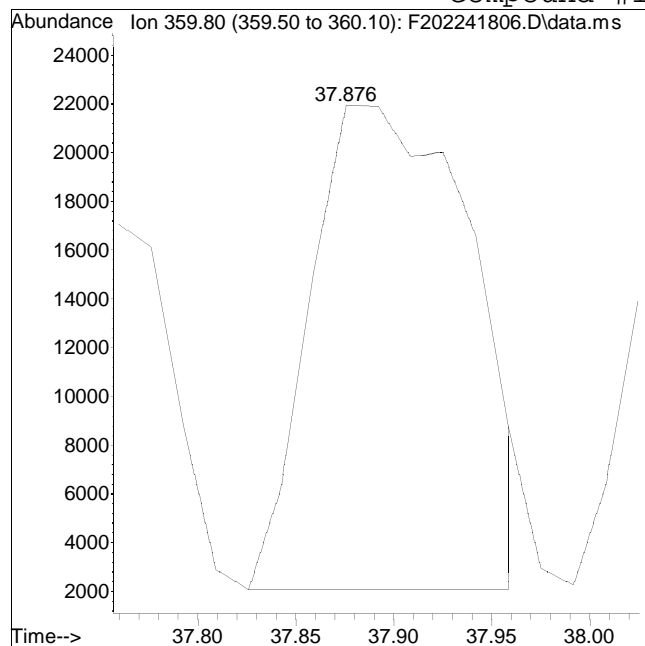
Manual Peak Response = 103746 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241806.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 3:10 pm Instrument : BNA2
Sample : I202241805 Quant Date : 2/25/2018 10:50 am

Compound #139: Cl6-BZ#133



Original Peak Response = 113025

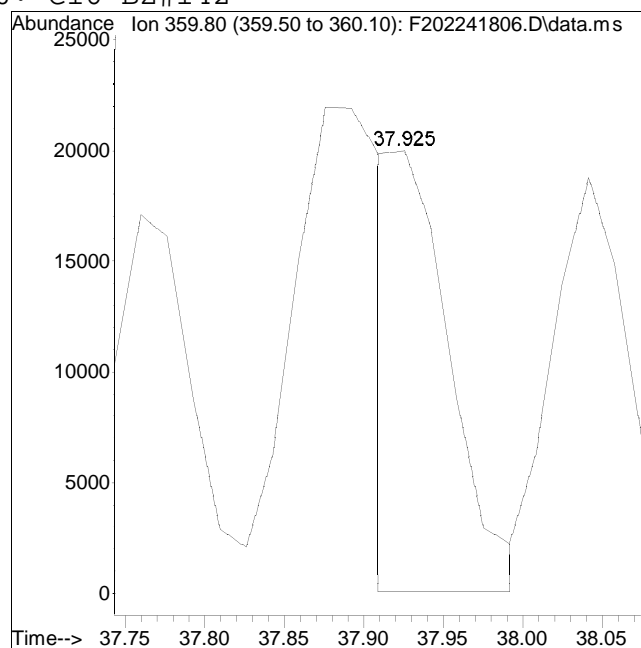
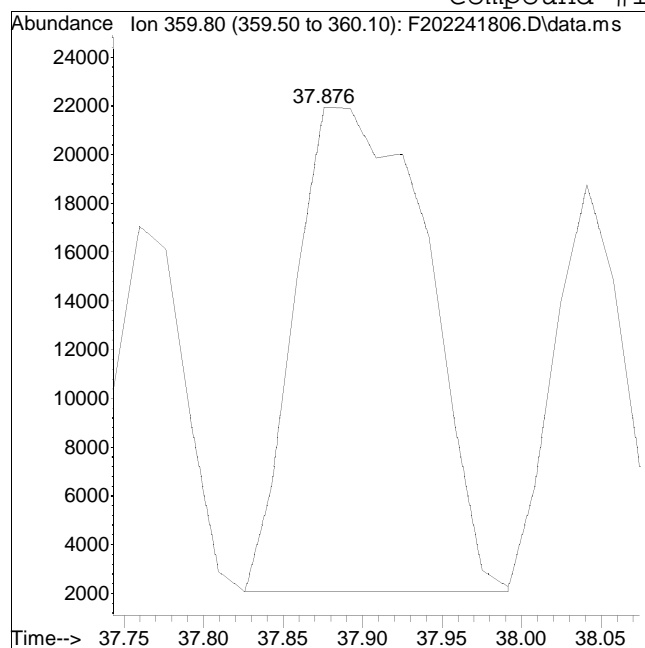
Manual Peak Response = 84016 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241806.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 3:10 pm Instrument : BNA2
Sample : I202241805 Quant Date : 2/25/2018 10:50 am

Compound #140: Cl6-BZ#142



Original Peak Response = 114077

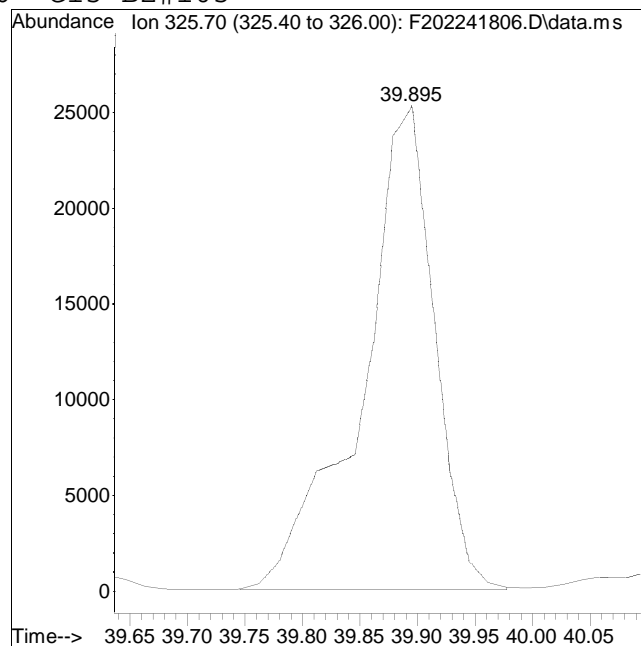
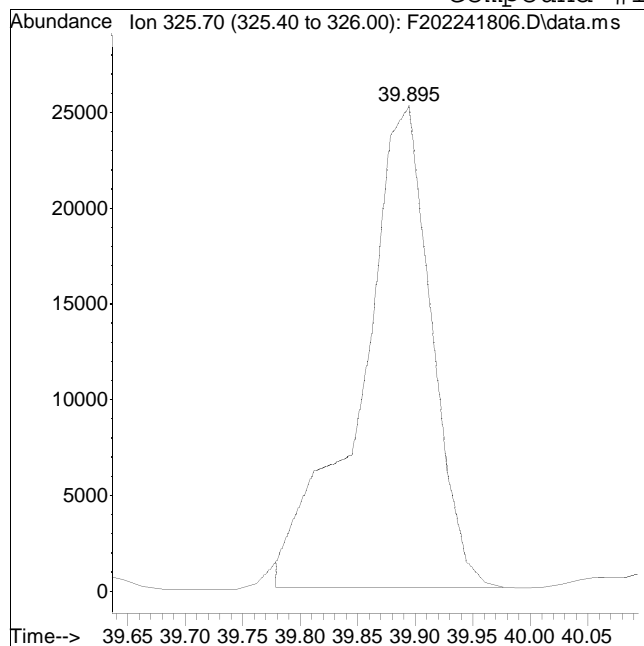
Manual Peak Response = 49950 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241806.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 3:10 pm Instrument : BNA2
Sample : I202241805 Quant Date : 2/25/2018 10:50 am

Compound #156: C15-BZ#105



Original Peak Response = 107177

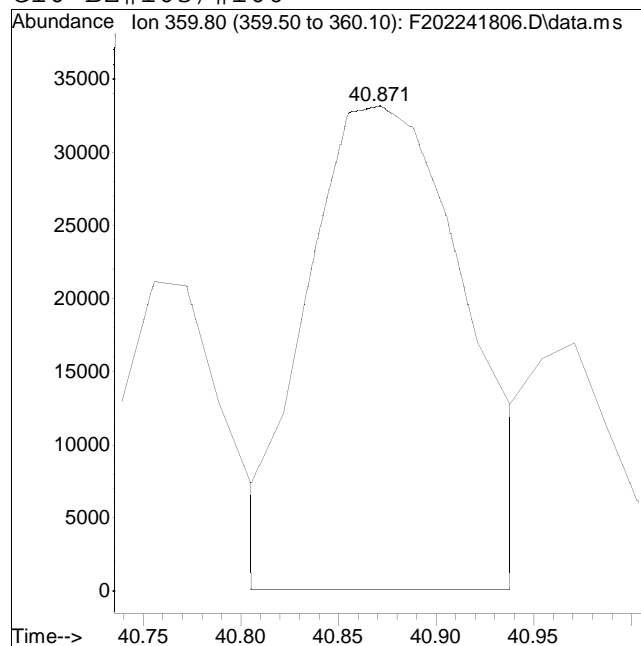
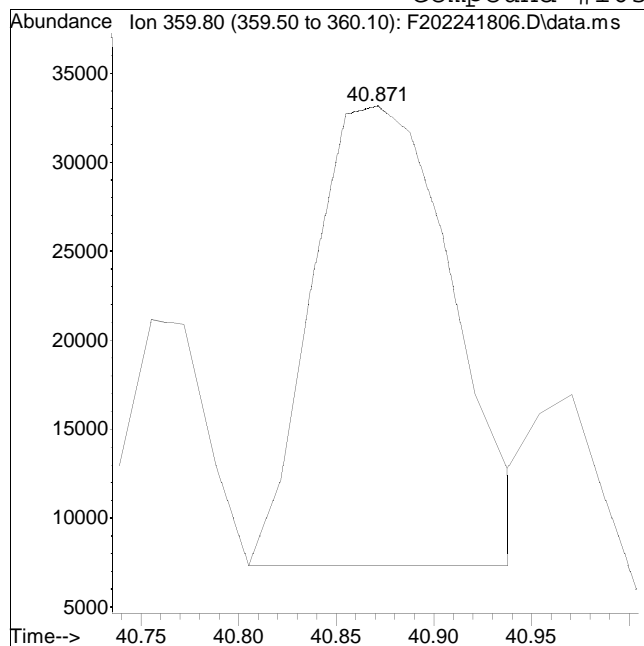
Manual Peak Response = 110489 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241806.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 3:10 pm Instrument : BNA2
Sample : I202241805 Quant Date : 2/25/2018 10:50 am

Compound #163: Cl6-BZ#163/#160



Original Peak Response = 129299

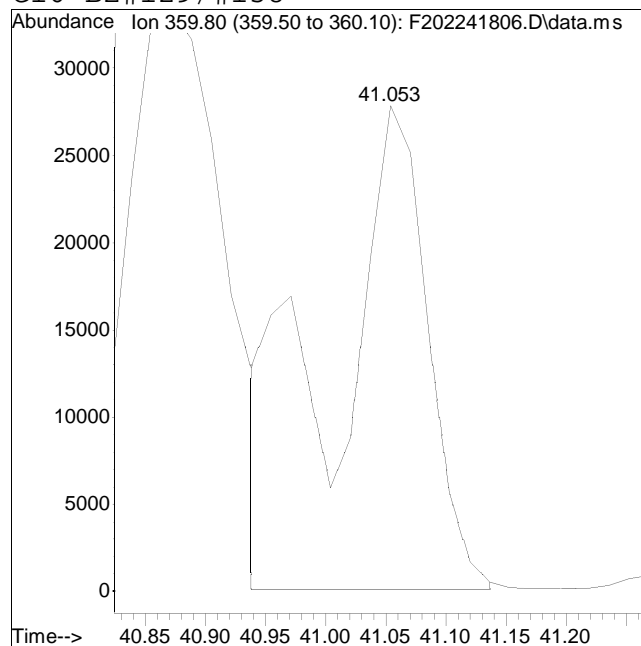
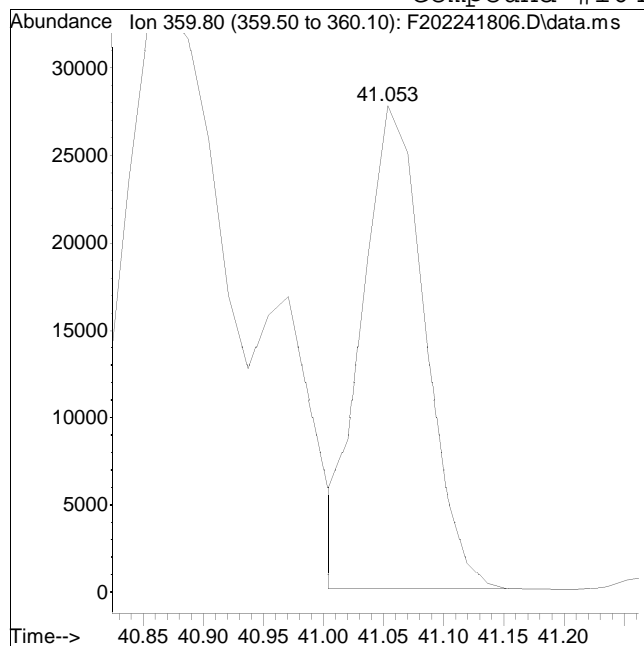
Manual Peak Response = 187163 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241806.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 3:10 pm Instrument : BNA2
Sample : I202241805 Quant Date : 2/25/2018 10:50 am

Compound #164: Cl6-BZ#129/#158



Original Peak Response = 100056

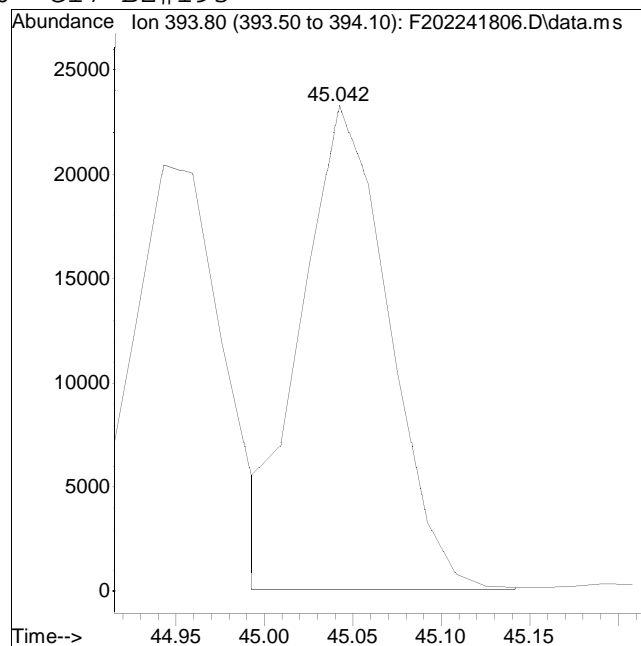
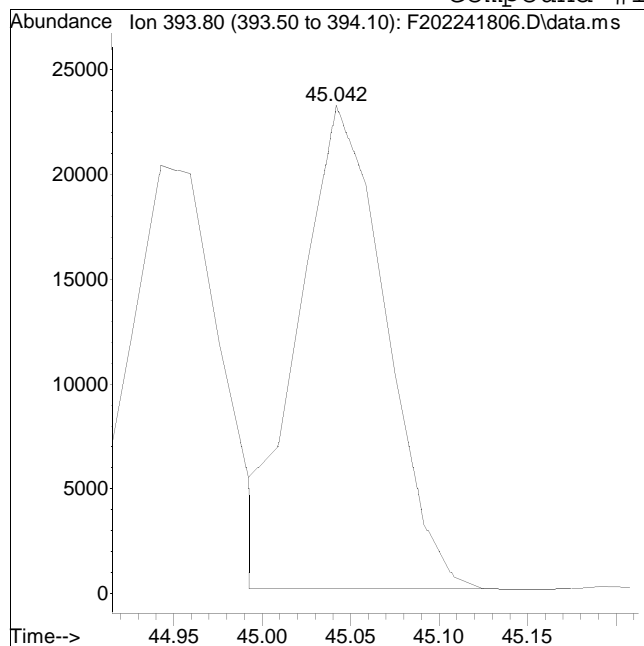
Manual Peak Response = 150742 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241806.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 3:10 pm Instrument : BNA2
Sample : I202241805 Quant Date : 2/25/2018 10:50 am

Compound #190: C17-BZ#193



Original Peak Response = 77830

Manual Peak Response = 79385 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241807.D
 Acq On : 24 Feb 2018 4:25 pm
 Operator : BNA2:JT
 Sample : I202241806
 Misc : wgl092764,MSAT56,200ug/l
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 26 16:05:23 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.912	234	581235	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.926	406	313129	200.000	ng/mL	0.00	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.993	268	205484	141.439	ng/mL	0.00	
Spiked Amount	100.000		Range	50 - 125	Recovery	=	141.44%#
93) C15-BZ#101-C13 (surr)	33.241	338	317687	148.757	ng/mL	0.00	
Spiked Amount	100.000		Range	50 - 125	Recovery	=	148.76%#
151) C16-BZ#153-C13 (surr)	38.786	372	301500	134.318	ng/mL	0.00	
Spiked Amount	100.000		Range	50 - 125	Recovery	=	134.32%#
177) C18-BZ#202-C13 (surr)	42.990	442	293903	149.988	ng/mL	0.00	
Spiked Amount	100.000		Range	50 - 125	Recovery	=	149.99%#
Target Compounds							
3) C11-BZ#1-Cal/RTW	14.575	188	536055	136.354	ng/mL	100	Qvalue
4) Monochlorobiphenyls	0.000		0	N.D.	d		
5) C11- conf Ion	0.000		0	N.D.	d		
6) C11-BZ#2	16.658	188	568894	148.338	ng/mL	100	
7) C11-BZ#3-RTW	17.125	188	565731	148.244	ng/mL	98	
8) C12-BZ#4/#10-RTW	17.543	222	660200	269.744	ng/mL	99	
9) C12-BZ#9	19.111	222	429360	148.901	ng/mL	99	
10) C12-BZ#7	19.207	222	420126	151.066	ng/mL	99	
11) C12-BZ#6	19.634	222	456273	149.258	ng/mL	99	
12) C12-BZ#5	20.076	222	410587	139.275	ng/mL	100	
13) C12-BZ#8	20.229	222	476475	146.997	ng/mL	99	
14) Dichlorobiphenyls	0.000		0	N.D.	d		
15) C12-Conf Ion	0.000		0	N.D.	d		
16) C13-BZ#19-RTW	21.009	256	230875	135.793	ng/mL	100	
17) C12-BZ#14	21.145	222	463122	155.688	ng/mL	97	
18) C13-BZ#30	21.564	256	376197	144.426	ng/mL	100	
19) C13-BZ#18	22.376	256	253841	141.287	ng/mL	97	
20) C12-BZ#11	22.504	222	504141	154.455	ng/mL	99	
21) C13-BZ#17	22.585	256	240486	141.633	ng/mL	100	
22) C12-BZ#12	22.898	222	442755	155.663	ng/mL	98	
23) C13-BZ#27	22.947	256	338609	144.500	ng/mL	98	
24) C12-BZ#13	23.196	222	507807	155.211	ng/mL	99	
25) C13-BZ#24	23.220	256	346476	149.950	ng/mL	98	
26) C13-BZ#16	23.558	256	208494	140.971	ng/mL	96	
27) C13-BZ#32	23.759	256	366527	144.955	ng/mL	97	
28) C12-BZ#15-RTW	23.928	222	486571	143.997	ng/mL	99	

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241807.D
 Acq On : 24 Feb 2018 4:25 pm
 Operator : BNA2:JT
 Sample : I202241806
 Misc : wgl092764,MSAT56,200ug/l
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 26 16:05:23 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) C13-BZ#34	24.153	256	347703	148.524	ng/mL	99
30) C13-BZ#23	24.338	256	346314	149.754	ng/mL	99
31) C14-BZ#54-RTW	24.346	292	315978	136.980	ng/mL	99
32) C13-BZ#29-Cal	24.563	256	346743	151.971	ng/mL	100
33) Trichlorobiphenyls	0.000		0	N.D.	d	
34) C13- Conf Ion	0.000		0	N.D.	d	
35) C14-BZ#50-Cal	25.070	292	264407	141.354	ng/mL	98
36) Tetrachlorobiphenyls	0.000		0	N.D.	d	
37) C14-Conf Ion	0.000		0	N.D.	d	
38) C13-BZ#26	25.094	256	386254	156.304	ng/mL	99
39) C13-BZ#25	25.303	256	377739	151.453	ng/mL	98
40) C14-BZ#53	25.793	292	290117	143.011	ng/mL	100
41) C13-BZ#-31	25.876	256	514498M4	163.048	ng/mL	
42) C13-BZ#28	26.075	256	509467	158.717	ng/mL	99
43) C13-BZ#33	26.174	256	375637M3	129.688	ng/mL	
44) C13-BZ#21/#20	26.224	256	944361M3	328.085	ng/mL	
45) C14-BZ#51	26.207	292	327718	147.817	ng/mL	99
46) C14-BZ#45	26.770	292	253181	151.547	ng/mL	100
47) C13-BZ#22	27.018	256	455363	157.333	ng/mL	97
48) C14-BZ#73/#46	27.151	292	684715	300.587	ng/mL	100
49) C14-BZ#69	27.432	292	408392	154.090	ng/mL	98
50) C14-BZ#43	27.531	292	267410	142.347	ng/mL	98
51) C13-BZ#36	27.564	256	525594	157.651	ng/mL	99
52) C14-BZ#52	27.664	292	320934	142.954	ng/mL	99
53) C14-BZ#48	27.829	292	295350	156.885	ng/mL	97
54) C14-BZ#49	27.978	292	309561	150.829	ng/mL	100
55) C15-BZ#104-RTW	28.193	326	323103	145.151	ng/mL	98
56) C14-BZ#47	28.276	292	307421M3	139.952	ng/mL	
57) C14-BZ#65/#75/#62	28.375	292	1247849M3	465.413	ng/mL	
58) C13-BZ#39	28.425	256	471354	157.681	ng/mL	99
59) C13-BZ#38	28.541	256	465714	158.288	ng/mL	98
60) C14-BZ#44	28.938	292	272598	151.127	ng/mL	98
61) C14-BZ#59	29.170	292	390786	149.603	ng/mL	99
62) C14-BZ#42	29.253	292	268970	156.770	ng/mL	97
63) C14-BZ#71	29.484	292	420949	150.445	ng/mL	99
64) C13-BZ#35	29.600	256	480636	166.106	ng/mL	100
65) C14-BZ#41	29.716	292	260777	159.678	ng/mL	98
66) C14-BZ#72	29.832	292	460161	158.962	ng/mL	99
67) C15-BZ#96	29.865	326	356111	148.461	ng/mL	96
68) C15-BZ#103	29.981	326	275615	161.282	ng/mL	97
69) C14-BZ#68/#64	30.146	292	839032	312.843	ng/mL	99

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241807.D
 Acq On : 24 Feb 2018 4:25 pm
 Operator : BNA2:JT
 Sample : I202241806
 Misc : wgl092764,MSAT56,200ug/l
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 26 16:05:23 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) C14-BZ#40	30.262	292	201045	154.648	ng/mL	98
71) C13-BZ#37-RTW	30.477	256	635293	166.953	ng/mL	99
72) C15-BZ#100	30.477	326	293580	151.697	ng/mL	98
73) C15-BZ#94	30.577	326	225702	152.485	ng/mL	100
74) C14-BZ#57	30.676	292	460246M4	159.487	ng/mL	
75) C14-BZ#67/#58	31.007	292	921311	318.956	ng/mL	99
76) C15-BZ#102	31.057	326	316307	148.224	ng/mL	100
77) C14-BZ#61	31.371	292	442475	156.309	ng/mL	98
78) C15-BZ#98	31.388	326	290905	152.298	ng/mL	99
79) C14-BZ#76	31.520	292	476248	153.319	ng/mL	99
80) C15-BZ#93	31.520	326	236320	150.946	ng/mL	99
81) C14-BZ#63	31.619	292	416849M4	153.281	ng/mL	
82) C15-BZ#121/#95/#88	31.685	326	939226	457.914	ng/mL	100
83) C14-BZ#74	31.884	292	468498	159.146	ng/mL	99
84) C16-BZ#155-RTW	32.033	360	338168	148.520	ng/mL	100
85) C14-BZ#70	32.066	292	479131	139.260	ng/mL	97
86) C14-BZ#66	32.347	292	436609	157.934	ng/mL	100
87) C15-BZ#91	32.215	326	265891	147.558	ng/mL	100
88) C14-BZ#80	32.612	292	455380	164.237	ng/mL	99
89) C14-BZ#55	32.811	292	464481	162.168	ng/mL	99
90) C15-BZ#92	32.861	326	265036	153.004	ng/mL	100
91) C15-BZ#89/#84	33.142	326	504739	276.654	ng/mL	97
92) C15-BZ#101/#90	33.274	326	593118M4	317.088	ng/mL	
94) C14-BZ#56	33.258	292	461437	156.829	ng/mL	99
95) C15-BZ#113	33.357	326	345831	152.223	ng/mL	99
96) C15-BZ#99	33.638	326	327952	156.219	ng/mL	99
97) C16-BZ#150	33.688	360	361114	149.907	ng/mL	99
98) C14-BZ#60	33.705	292	489672	148.704	ng/mL	99
99) C16-BZ#152	34.052	360	390263	147.120	ng/mL	100
100) C15-BZ#119	34.135	326	409417	155.196	ng/mL	98
101) C15-BZ#83/#125/#112	34.284	326	1009428M4	468.264	ng/mL	
102) C15-BZ#86/#109	34.449	326	675091M1	318.668	ng/mL	
103) C15-BZ#97	34.565	326	245809	149.769	ng/mL	97
104) C15-BZ#116	35.029	326	342719	156.437	ng/mL	99
105) C15-BZ#87/#111	35.310	326	678543M4	311.835	ng/mL	
106) Pentachlorobiphenyls	0.000		0	N.D.	d	
107) C15-Conf Ion	0.000		0	N.D.	d	
108) C16-BZ#145	34.499	360	397963	148.095	ng/mL	99
109) C16-BZ#148	34.698	360	273816	153.605	ng/mL	99
110) C14-BZ#79	34.814	292	455790	167.961	ng/mL	99
111) C16-BZ#154-Cal	35.227	360	319213	157.645	ng/mL	99

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241807.D
 Acq On : 24 Feb 2018 4:25 pm
 Operator : BNA2:JT
 Sample : I202241806
 Misc : wgl092764,MSAT56,200ug/l
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 26 16:05:23 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112) Hexachlorobiphenyls	0.000		0		N.D.	d
113) Cl6-Conf Ion	0.000		0		N.D.	d
114) Cl4-BZ#78	35.277	292	570858	162.324	ng/mL#	76
115) Cl6-BZ#136	35.360	360	352149	146.898	ng/mL	98
116) Cl5-BZ#117	35.426	326	423940M4	154.169	ng/mL	
117) Cl5-BZ#115	35.492	326	420865M4	164.182	ng/mL	
118) Cl5-BZ#85	35.591	326	256730	154.016	ng/mL	99
119) Cl5-BZ#120	35.724	326	411452	162.402	ng/mL	100
120) Cl5-BZ#110	35.873	326	388466	157.219	ng/mL	100
121) Cl4-BZ#81	36.253	292	450242	168.944	ng/mL	98
123) Cl6-BZ#151	36.253	360	273637	150.860	ng/mL	98
124) Cl6-BZ#135	36.386	360	295645	153.765	ng/mL	100
125) Cl5-BZ#82	36.568	326	256138	144.252	ng/mL	98
126) Cl6-BZ#144	36.601	360	288561	147.559	ng/mL	99
127) Cl6-BZ#147/#149	36.915	360	605637	301.222	ng/mL	97
128) Cl4-BZ#77-RTW	37.015	292	428054M4	162.814	ng/mL	
129) Cl6-BZ#143/#139	37.147	360	598735	292.556	ng/mL	99
130) Cl5-BZ#124	37.296	326	401361	152.740	ng/mL	99
131) Cl5-BZ#108	37.578	326	409236	155.000	ng/mL	100
132) Cl5-BZ#107/#123	37.677	326	877377M4	313.128	ng/mL	
133) Cl6-BZ#140	37.313	360	283402	146.027	ng/mL	99
134) Cl7-BZ#188-Cal/RTW	37.677	394	337260	141.685	ng/mL	99
135) Heptachlorobiphenyls	0.000		0		N.D.	d
136) Cl7-Conf Ion	0.000		0		N.D.	d
137) Cl6-BZ#134	37.776	360	250088	149.517	ng/mL	96
138) Cl5-BZ#106	37.809	326	374830	134.315	ng/mL	99
139) Cl6-BZ#133	37.875	360	329269M4	152.365	ng/mL	
140) Cl6-BZ#142	37.925	360	223039M3	142.296	ng/mL	
141) Cl5-BZ#118	38.041	326	381171	151.856	ng/mL	97
142) Cl6-BZ#131	38.041	360	255678	154.813	ng/mL	100
143) Cl7-BZ#184	38.173	394	326893	141.387	ng/mL	97
144) Cl6-BZ#165	38.240	360	363628	152.395	ng/mL	97
145) Cl6-BZ#146	38.339	360	313157	154.244	ng/mL	99
146) Cl6-BZ#161	38.521	360	408418	152.837	ng/mL	100
147) Cl5-BZ#122	38.504	326	354960	154.639	ng/mL	100
148) Cl6-BZ#168	38.736	360	385969	153.634	ng/mL	99
149) Cl5-BZ#114	38.786	326	390726	149.433	ng/mL	100
150) Cl6-BZ#153	38.802	360	338240	146.144	ng/mL	97
152) Cl6-BZ#132	39.067	360	267779	143.309	ng/mL	98
153) Cl7-BZ#179	39.332	394	331198	145.905	ng/mL	99
154) Cl6-BZ#141	39.630	360	270499	161.465	ng/mL	100

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241807.D
 Acq On : 24 Feb 2018 4:25 pm
 Operator : BNA2:JT
 Sample : I202241806
 Misc : wgl092764,MSAT56,200ug/l
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 26 16:05:23 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
155) C17-BZ#176	39.828	394	315422	146.609	ng/mL	99
156) C15-BZ#105	39.895	326	461848M4	158.139	ng/mL	
157) C16-BZ#137	40.060	360	285642	155.624	ng/mL	98
158) C15-BZ#127	40.209	326	511485	157.051	ng/mL#	75
159) C17-BZ#186	40.159	394	358679	144.152	ng/mL	100
160) C16-BZ#130/#164	40.391	360	658149	311.279	ng/mL	98
161) C17-BZ#178	40.706	394	243842	153.644	ng/mL	99
162) C16-BZ#138	40.772	360	327078	147.669	ng/mL	98
163) C16-BZ#163/#160	40.871	360	766429M4	314.844	ng/mL	
164) C16-BZ#129/#158	41.070	360	628398M1	292.055	ng/mL	
165) C17-BZ#182/#175	41.086	394	575713	297.461	ng/mL	100
166) C17-BZ#187	41.268	394	280089	146.827	ng/mL	95
167) C17-BZ#183	41.666	394	273447	167.128	ng/mL	99
168) C16-BZ#166	42.030	360	403726	156.773	ng/mL	98
169) C16-BZ#159	42.278	360	408182	163.996	ng/mL	99
170) C15-BZ#126-RTW	42.493	326	508085	163.104	ng/mL	89
171) C17-BZ#185	42.526	394	254859	154.293	ng/mL	99
172) C16-BZ#162	42.609	360	382272	159.195	ng/mL	98
173) C17-BZ#174	42.758	394	254628	148.510	ng/mL	100
174) C16-BZ#128	42.758	360	282592	149.388	ng/mL	99
175) C16-BZ#167	43.056	360	503809	159.145	ng/mL	93
176) C18-BZ#202-RTW	43.006	428	289215	151.917	ng/mL	100
178) C17-BZ#181	43.139	394	292607	156.646	ng/mL	98
179) C17-BZ#177	43.470	394	246979	154.903	ng/mL	99
180) C18-BZ#204/#200-Cal	43.569	428	565329	296.461	ng/mL	100
181) Octachlorobiphenyls	0.000		0	N.D.	d	
182) C18-Conf Ion	0.000		0	N.D.	d	
183) C17-BZ#171	43.784	394	241320	167.195	ng/mL	98
184) C17-BZ#173	43.999	394	234631	153.103	ng/mL	99
185) C17-BZ#172	44.446	394	252000	154.472	ng/mL	98
186) C17-BZ#192	44.661	394	356157	159.207	ng/mL	100
187) C16-BZ#156	44.661	360	387836	157.758	ng/mL	99
188) C16-BZ#157	44.909	360	391103	153.672	ng/mL	98
189) C17-BZ#180	44.959	394	296288	137.072	ng/mL	97
190) C17-BZ#193	45.042	394	320144M4	129.634	ng/mL	
191) C18-BZ#197	44.098	428	284352	148.770	ng/mL	99
192) C17-BZ#191	45.373	394	331046	161.274	ng/mL	97
193) C18-BZ#199	45.207	428	278968	150.924	ng/mL	99
194) C18-BZ#198	46.747	428	244864	175.528	ng/mL	99
195) C18-BZ#201	46.829	428	198614	143.863	ng/mL	99
196) C17-BZ#170	46.962	394	235420	173.041	ng/mL	96

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241807.D
 Acq On : 24 Feb 2018 4:25 pm
 Operator : BNA2:JT
 Sample : I202241806
 Misc : wgl092764,MSAT56,200ug/l
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 26 16:05:23 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
197) C17-BZ#190	47.293	394	353106	158.176	ng/mL	97
198) C18-BZ#196	47.293	428	225342	154.745	ng/mL	98
199) C18-BZ#203	47.376	428	243552	160.526	ng/mL	100
200) C16-BZ#169-RTW	47.657	360	426234	172.438	ng/mL	99
201) C19-BZ#208-RTW	48.815	464	284472	153.914	ng/mL	99
202) C19-BZ#207	49.477	464	289647	153.155	ng/mL	97
203) C17-BZ#189-RTW	49.660	394	313983	169.259	ng/mL	99
204) C18-BZ#195	49.808	428	216549	160.366	ng/mL	95
205) C18-BZ#194	51.480	428	228651	164.474	ng/mL	97
206) C18-BZ#205-RTW	52.076	428	278071	171.979	ng/mL	98
207) C19-BZ#206-Cal/RTW	54.112	464	235285	166.089	ng/mL	99
208) Nonachlorobiphenyls	0.000		0	N.D.	d	
209) C19-Conf Ion	0.000		0	N.D.	d	
210) C110-BZ#209-Cal/RTW	56.379	498	235063	158.399	ng/mL#	81
211) Decachlorobiphenyl	0.000		0	N.D.	d	
212) C110-Conf Ion	0.000		0	N.D.	d	

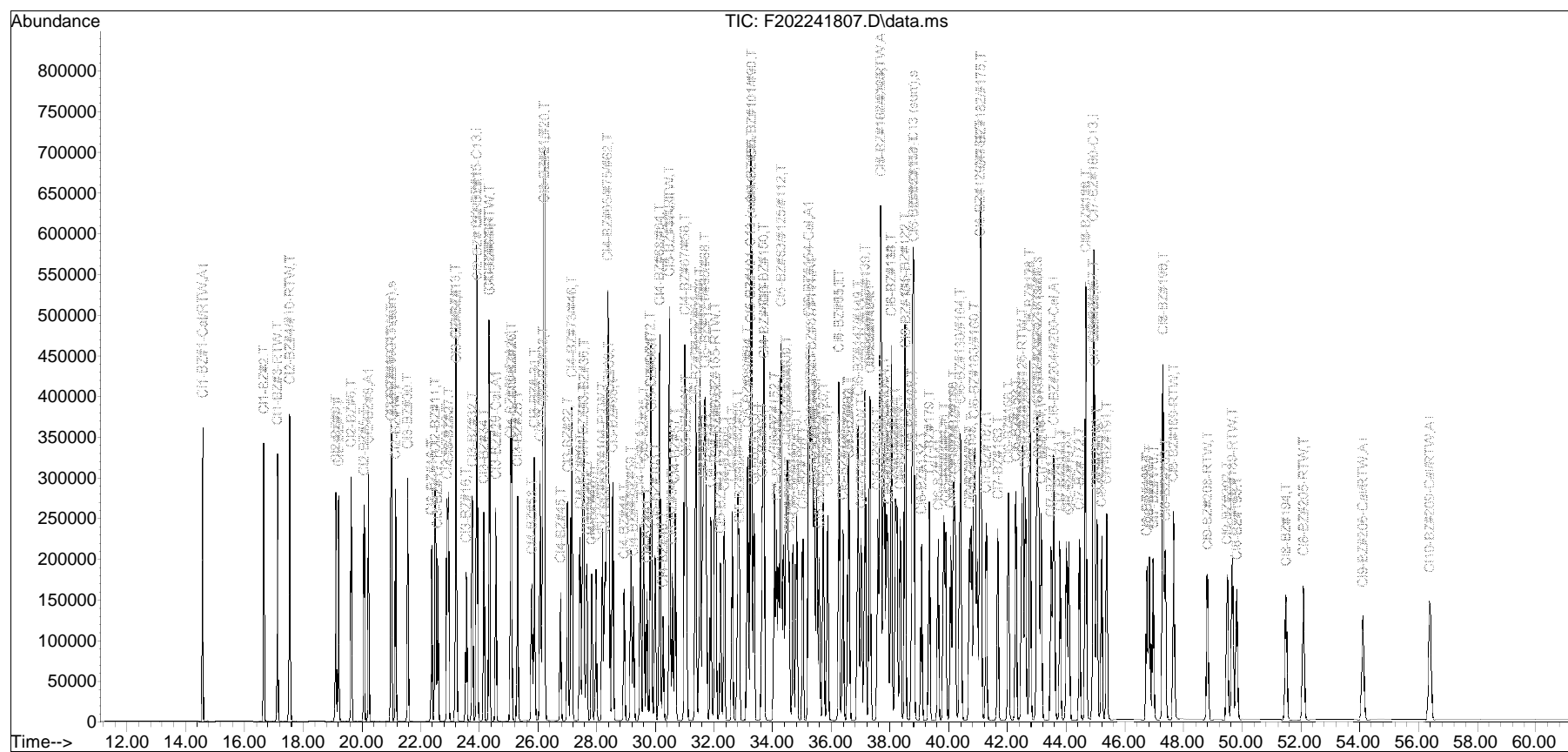
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
Data File : F202241807.D
Acq On : 24 Feb 2018 4:25 pm
Operator : BNA2:JT
Sample : I202241806
Misc : wg1092764,MSAT56,200ug/l
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 26 16:05:23 2018
Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
Quant Title : Method 680 PCB's by GC/MS
QLast Update : Sun Feb 25 10:49:08 2018
Response via : Initial Calibration

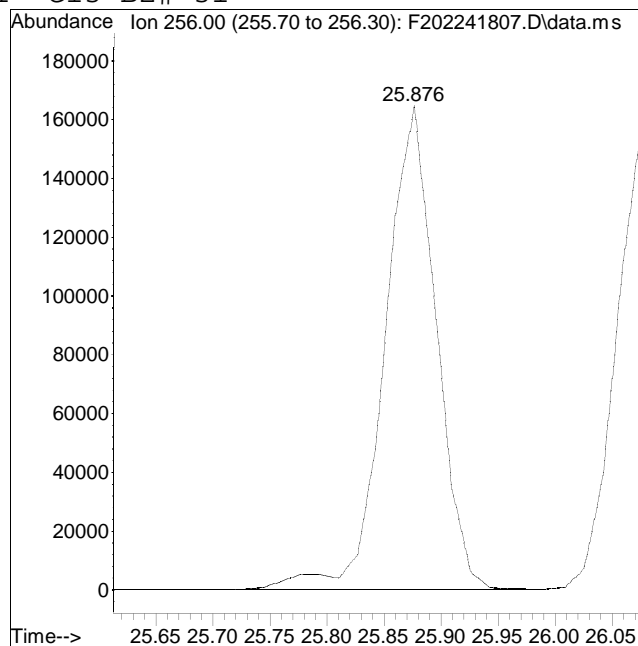
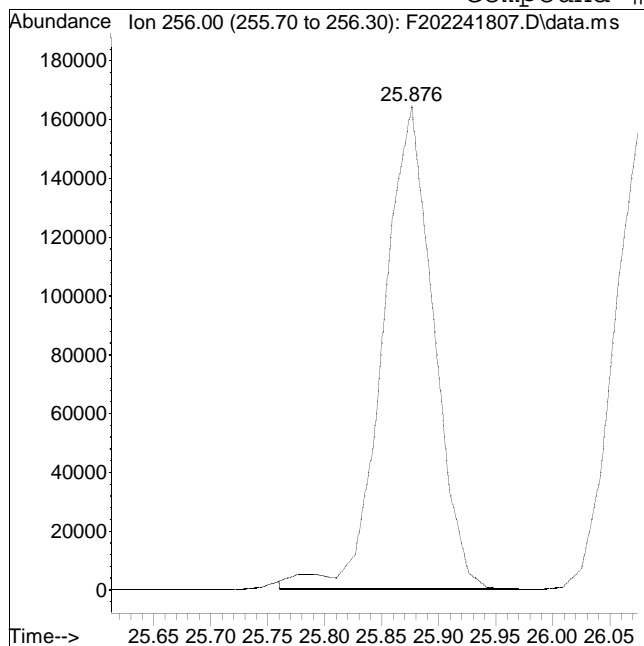
Sub List : Default - All compounds listed



Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241807.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 4:25 pm Instrument : BNA2
Sample : I202241806 Quant Date : 2/25/2018 10:50 am

Compound #41: C13-BZ#-31



Original Peak Response = 507653

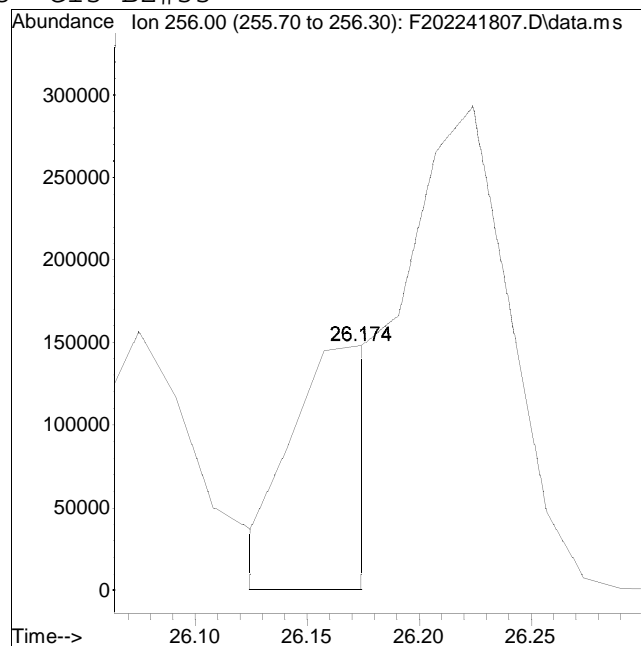
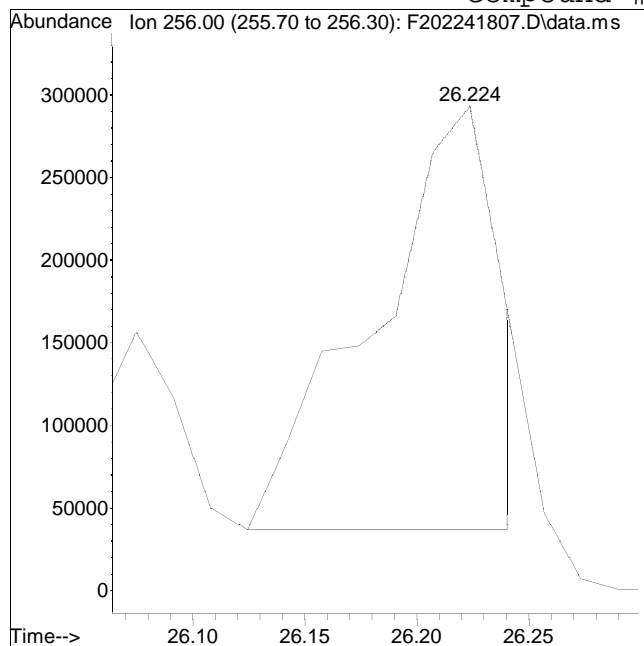
Manual Peak Response = 514498 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241807.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 4:25 pm Instrument : BNA2
Sample : I202241806 Quant Date : 2/25/2018 10:50 am

Compound #43: Cl3-BZ#33



Original Peak Response = 1008308

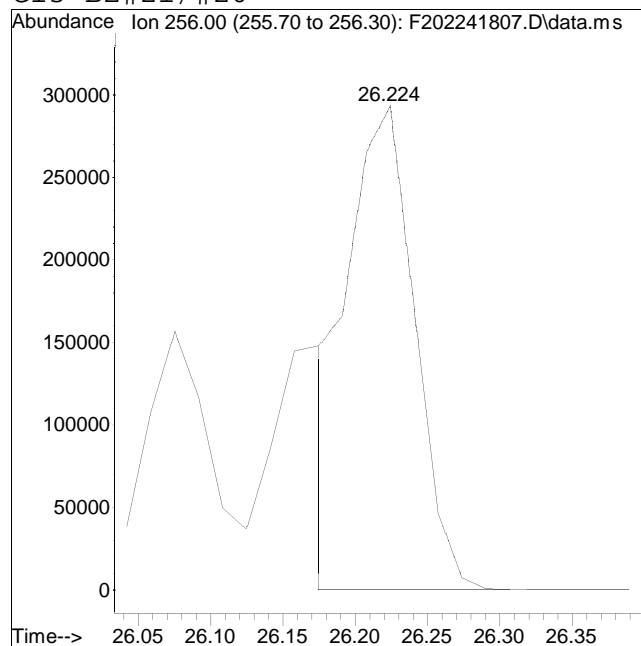
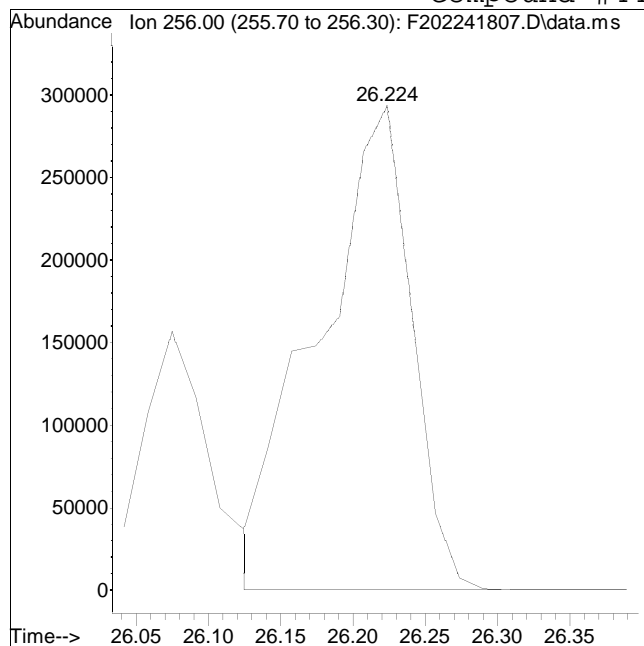
Manual Peak Response = 375637 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241807.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 4:25 pm Instrument : BNA2
Sample : I202241806 Quant Date : 2/25/2018 10:50 am

Compound #44: C13-BZ#21/#20



Original Peak Response = 1314711

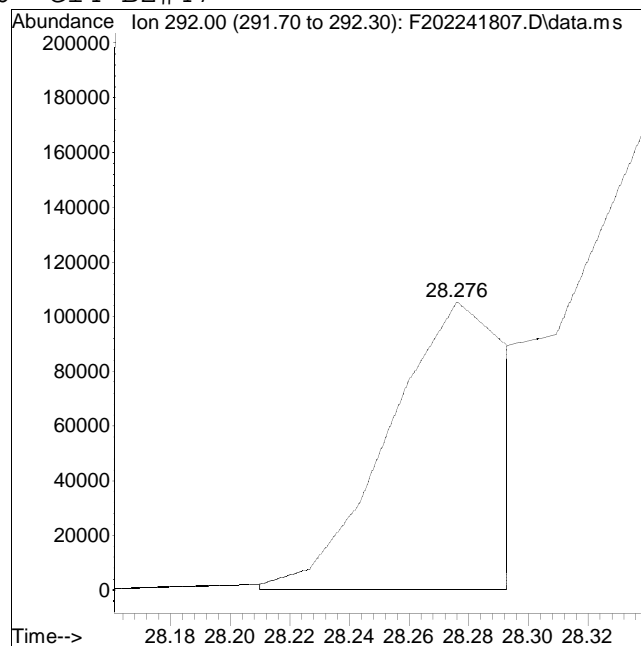
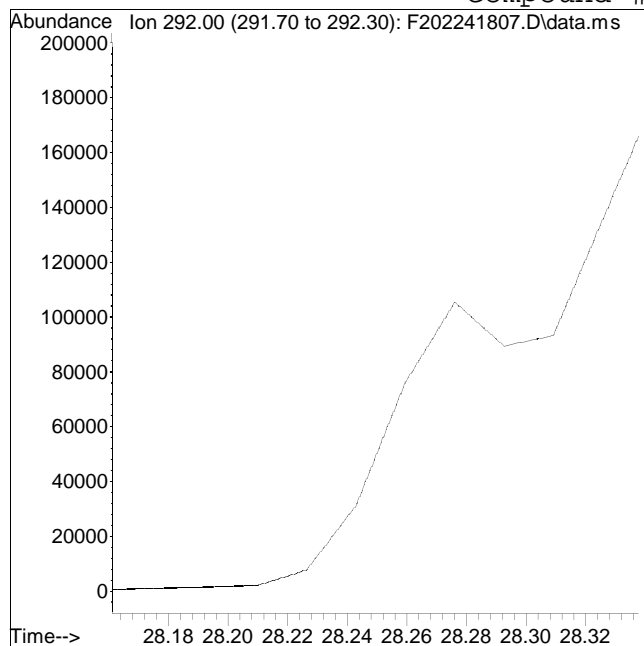
Manual Peak Response = 944361 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241807.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 4:25 pm Instrument : BNA2
Sample : I202241806 Quant Date : 2/25/2018 10:50 am

Compound #56: Cl4-BZ#47



Original Peak Response = 0

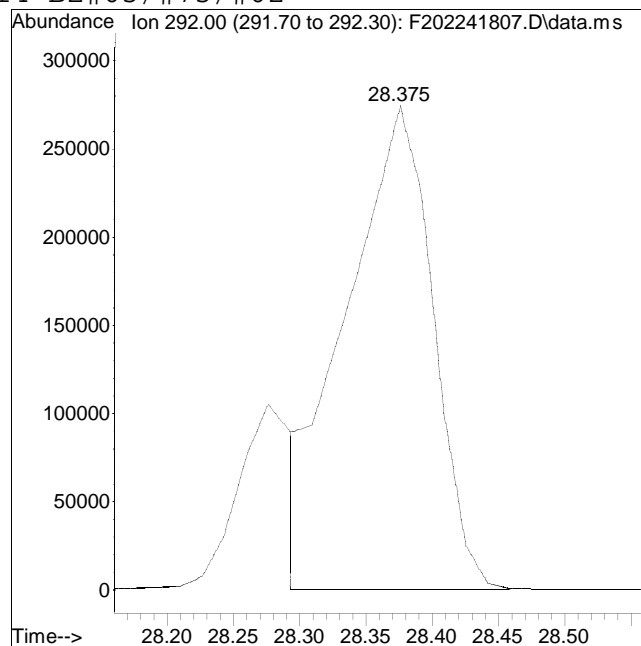
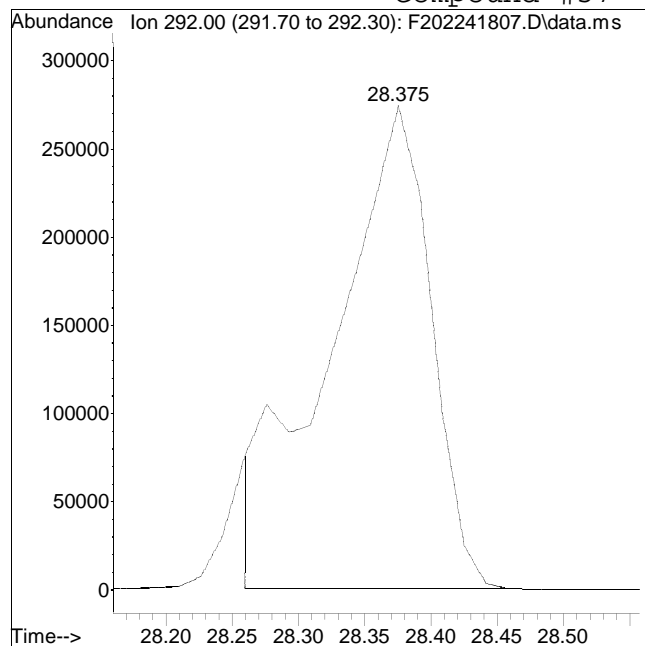
Manual Peak Response = 307421 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241807.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 4:25 pm Instrument : BNA2
Sample : I202241806 Quant Date : 2/25/2018 10:50 am

Compound #57: C14-BZ#65/#75/#62



Original Peak Response = 1432561

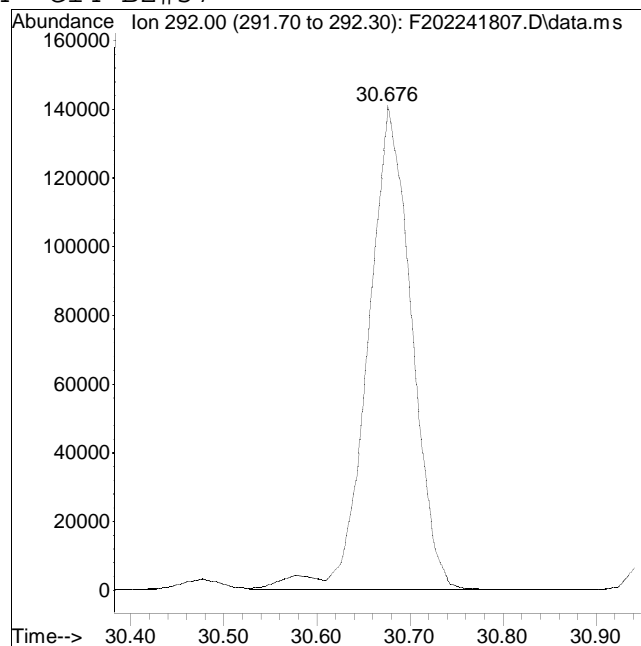
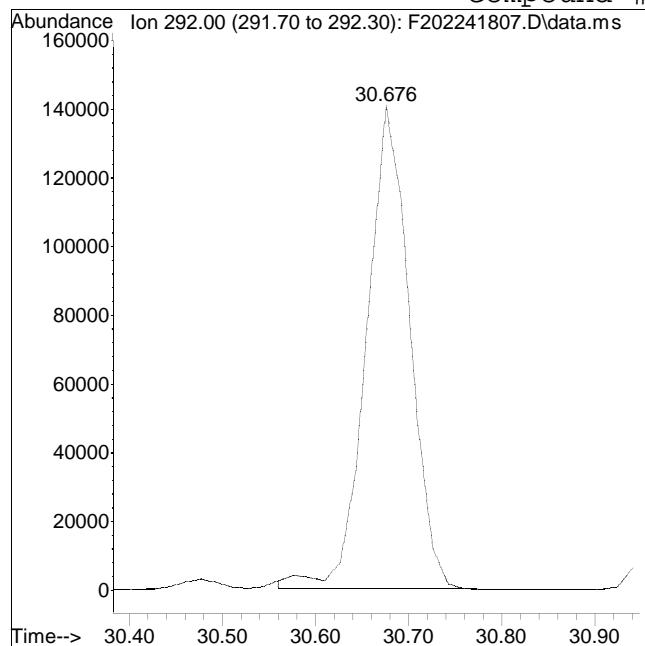
Manual Peak Response = 1247849 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241807.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 4:25 pm Instrument : BNA2
Sample : I202241806 Quant Date : 2/25/2018 10:50 am

Compound #74: Cl4-BZ#57



Original Peak Response = 452056

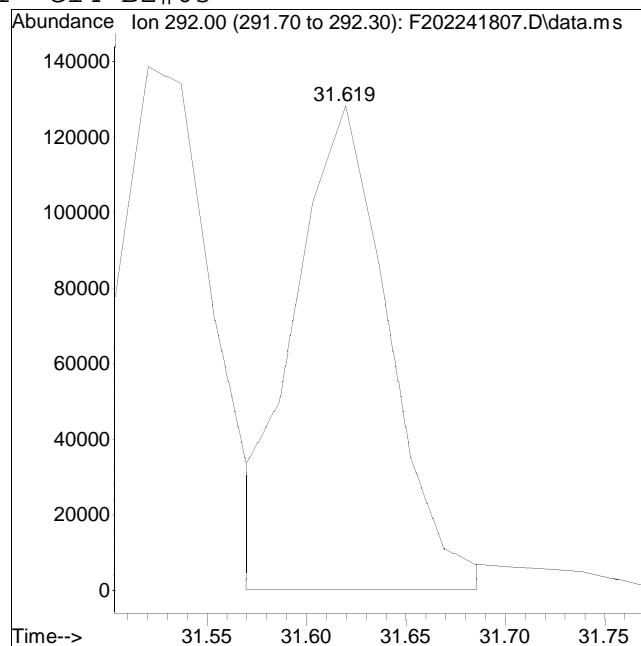
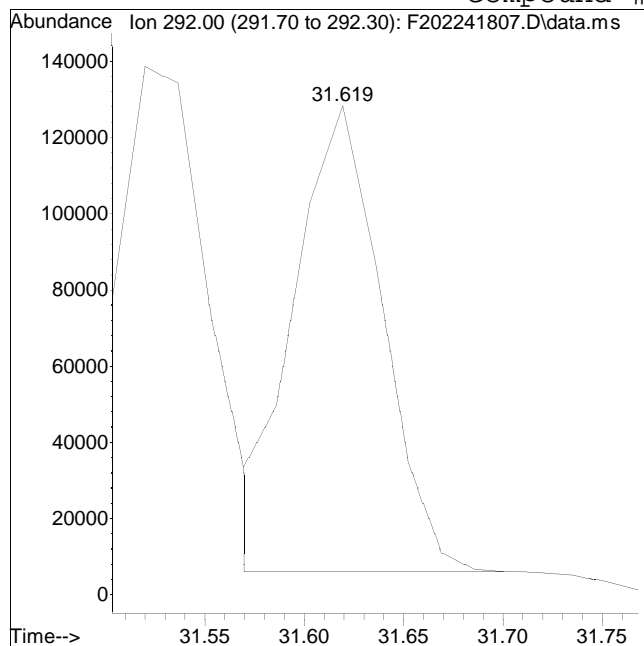
Manual Peak Response = 460246 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241807.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 4:25 pm Instrument : BNA2
Sample : I202241806 Quant Date : 2/25/2018 10:50 am

Compound #81: Cl4-BZ#63



Original Peak Response = 375158

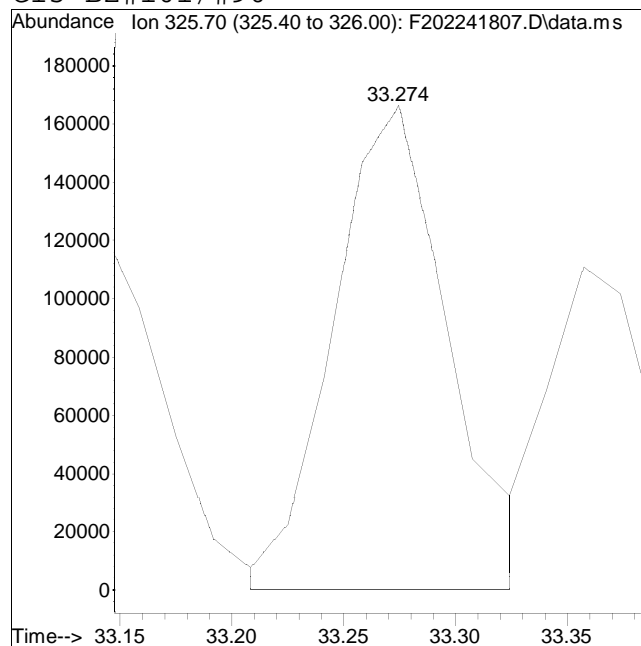
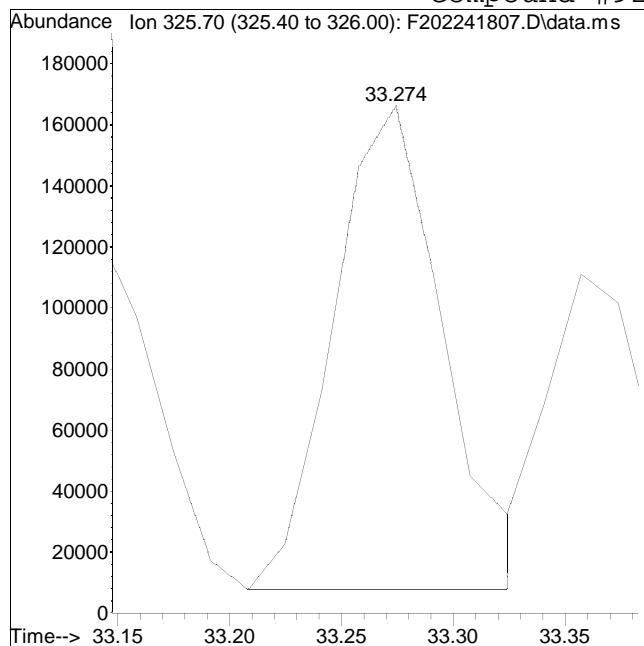
Manual Peak Response = 416849 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241807.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 4:25 pm Instrument : BNA2
Sample : I202241806 Quant Date : 2/25/2018 10:50 am

Compound #92: C15-BZ#101/#90



Original Peak Response = 540380

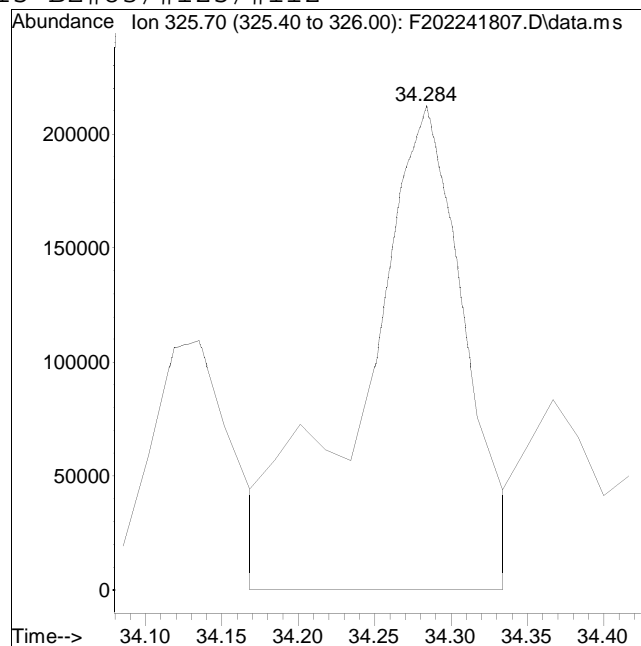
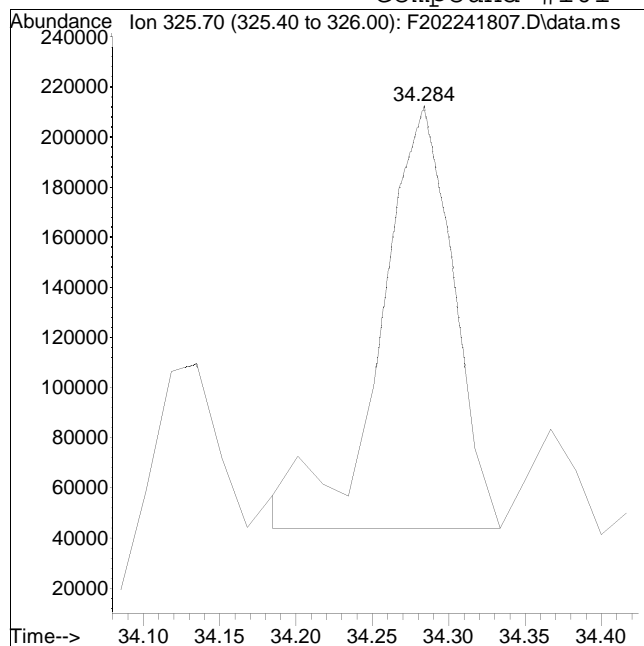
Manual Peak Response = 593118 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241807.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 4:25 pm Instrument : BNA2
Sample : I202241806 Quant Date : 2/25/2018 10:50 am

Compound #101: C15-BZ#83/#125/#112



Original Peak Response = 561140

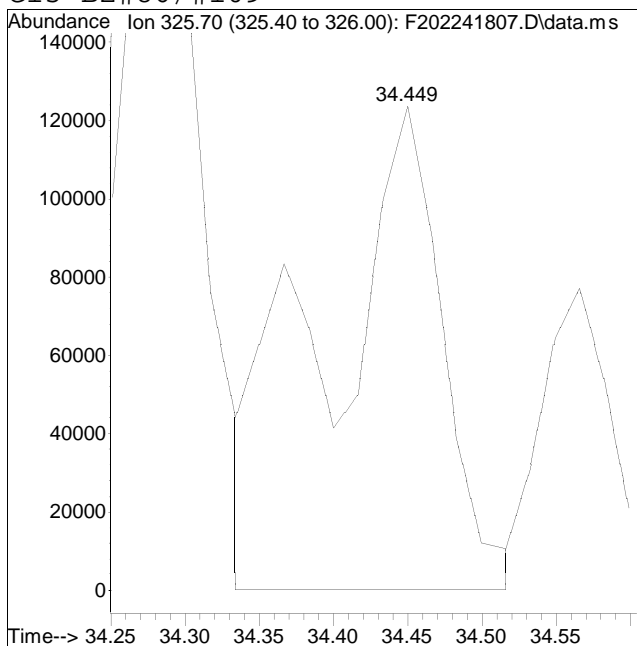
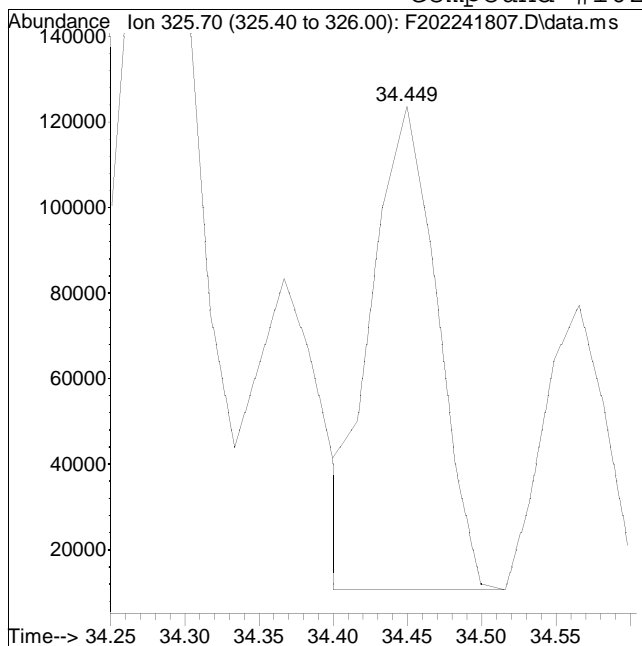
Manual Peak Response = 1009428 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241807.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 4:25 pm Instrument : BNA2
Sample : I202241806 Quant Date : 2/25/2018 10:50 am

Compound #102: C15-BZ#86/#109



Original Peak Response = 348916

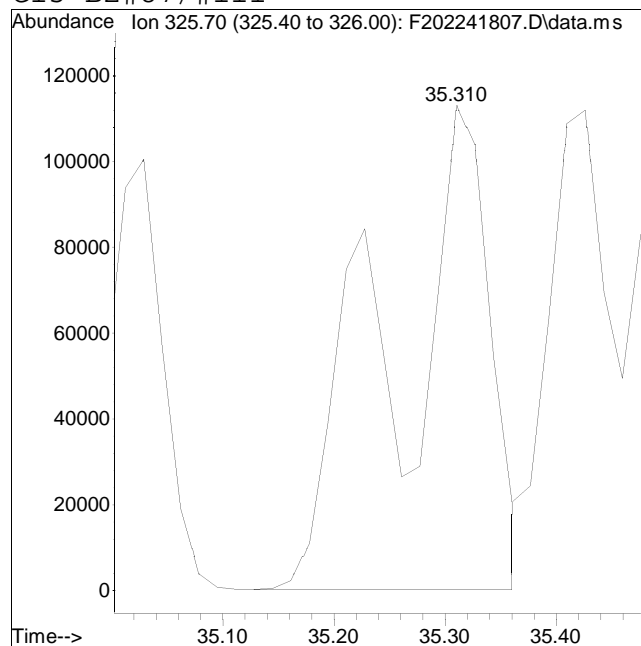
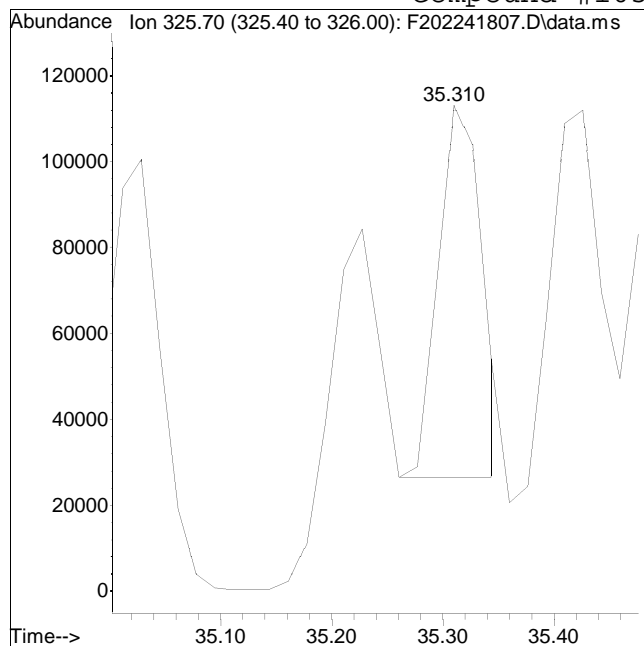
Manual Peak Response = 675091 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241807.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 4:25 pm Instrument : BNA2
Sample : I202241806 Quant Date : 2/25/2018 10:50 am

Compound #105: C15-BZ#87/#111



Original Peak Response = 235706

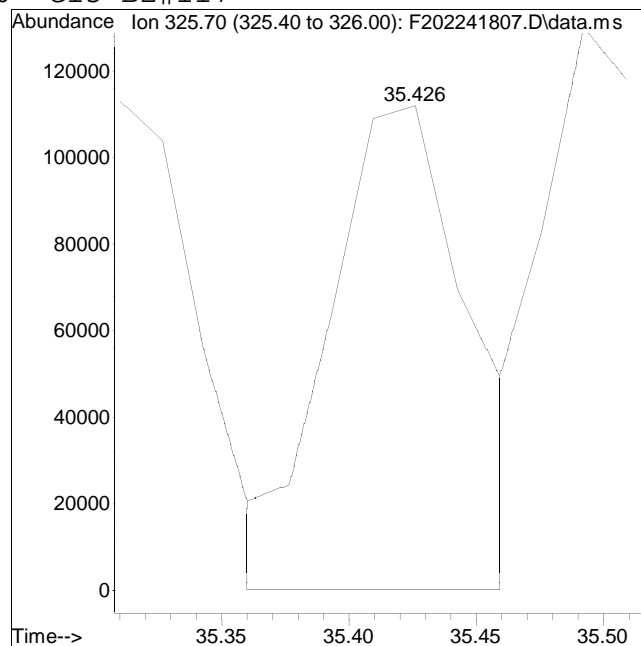
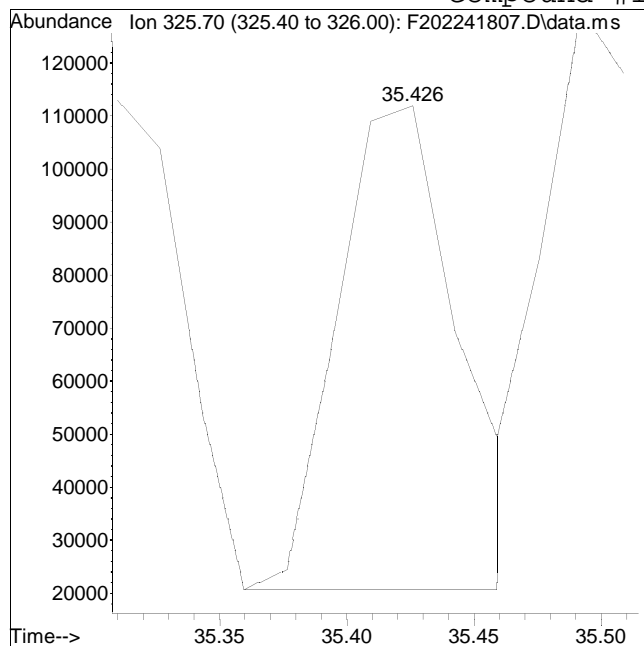
Manual Peak Response = 678543 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241807.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 4:25 pm Instrument : BNA2
Sample : I202241806 Quant Date : 2/25/2018 10:50 am

Compound #116: C15-BZ#117



Original Peak Response = 301634

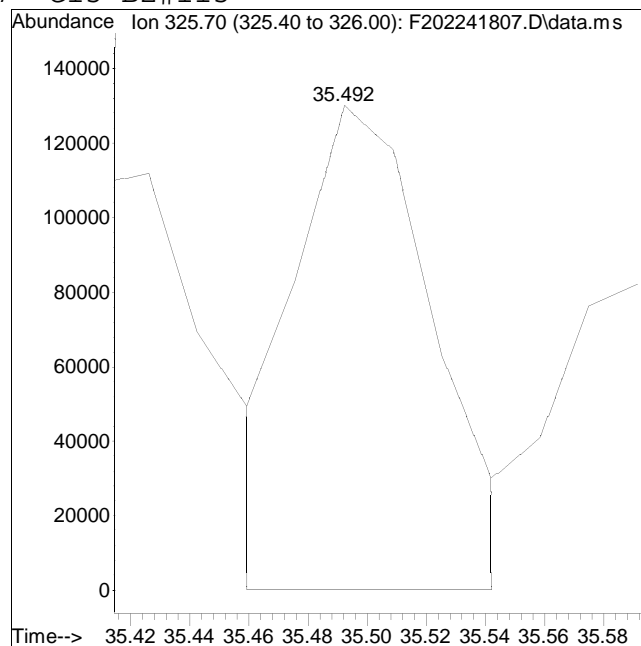
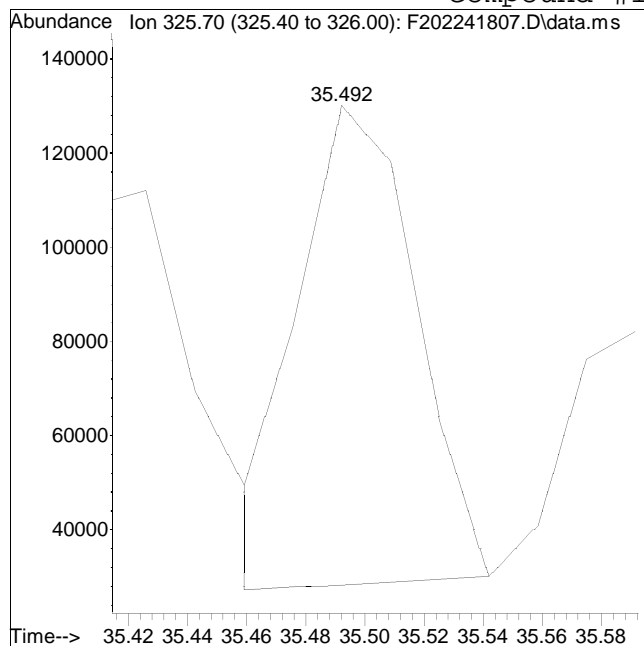
Manual Peak Response = 423940 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241807.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 4:25 pm Instrument : BNA2
Sample : I202241806 Quant Date : 2/25/2018 10:50 am

Compound #117: C15-BZ#115



Original Peak Response = 279144

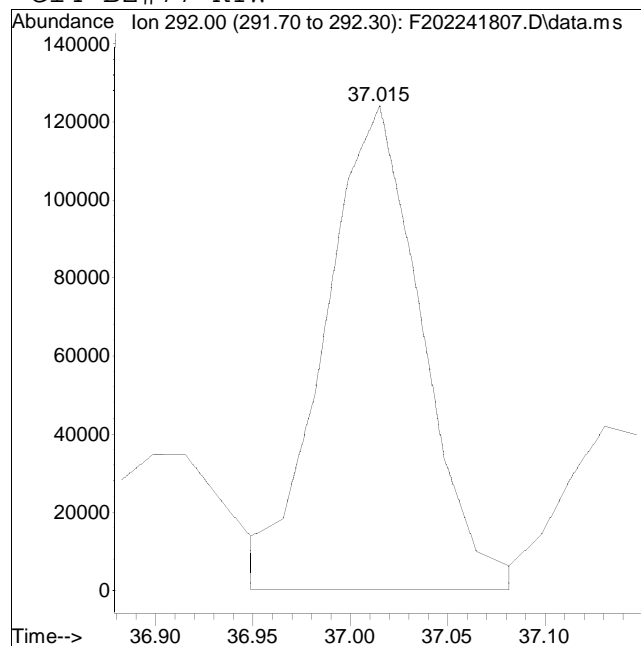
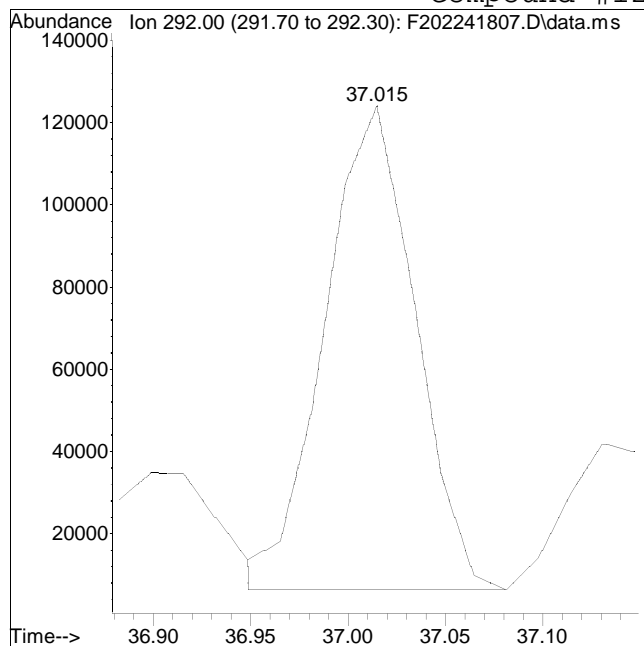
Manual Peak Response = 420865 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241807.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 4:25 pm Instrument : BNA2
Sample : I202241806 Quant Date : 2/25/2018 10:50 am

Compound #128: C14-BZ#77-RTW



Original Peak Response = 378221

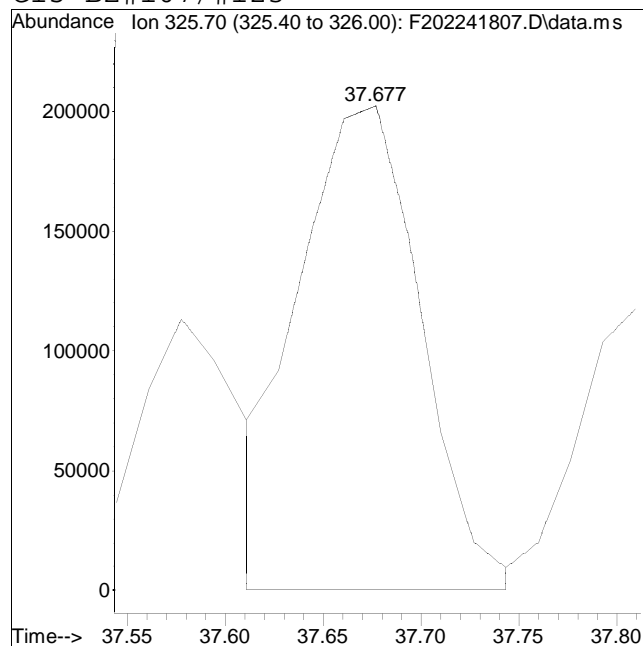
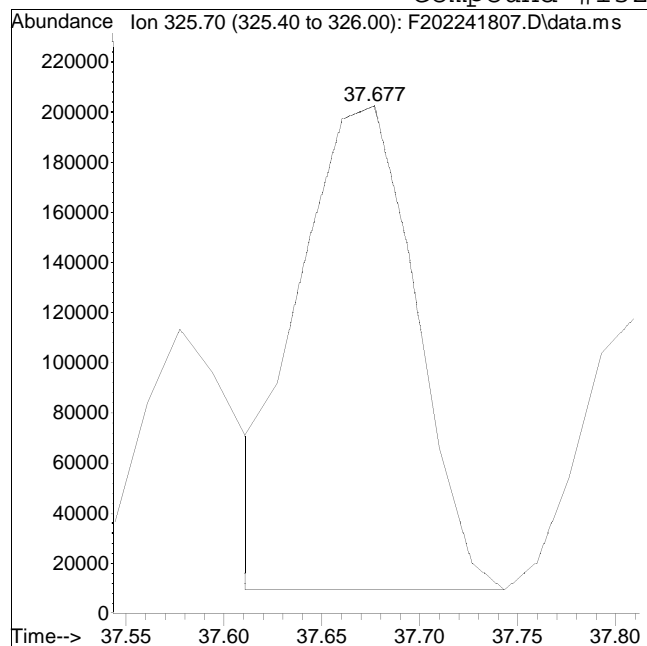
Manual Peak Response = 428054 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241807.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 4:25 pm Instrument : BNA2
Sample : I202241806 Quant Date : 2/25/2018 10:50 am

Compound #132: C15-BZ#107/#123

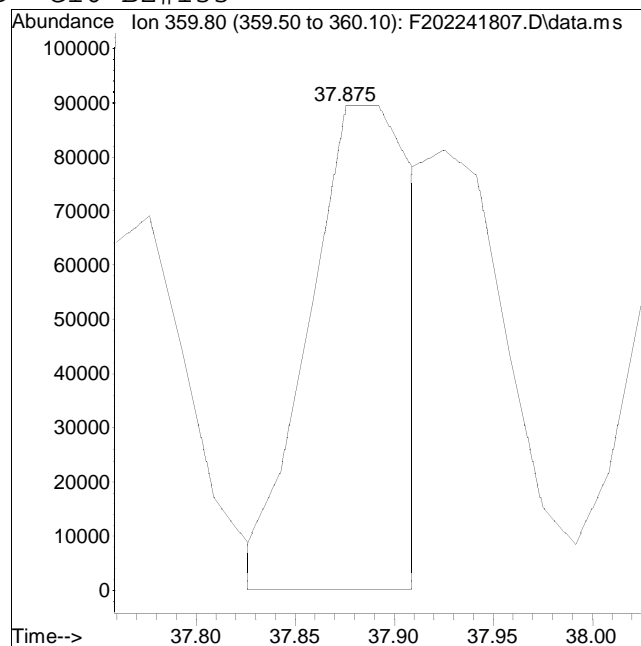
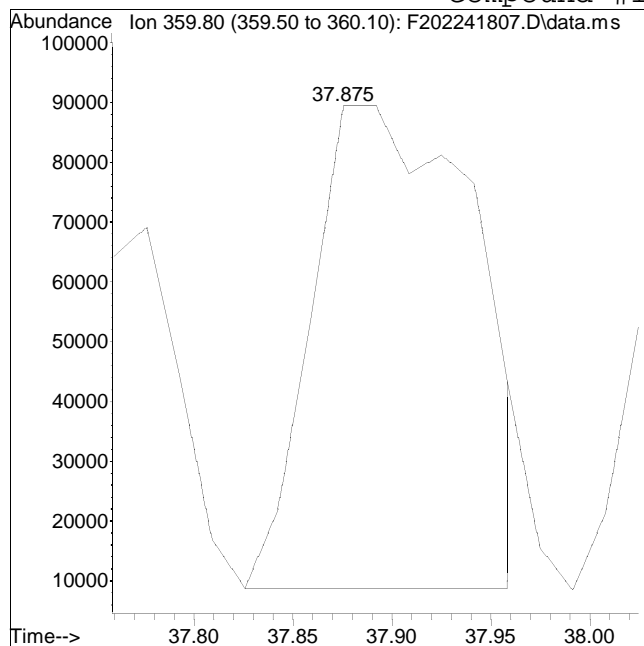


M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241807.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 4:25 pm Instrument : BNA2
Sample : I202241806 Quant Date : 2/25/2018 10:50 am

Compound #139: Cl6-BZ#133



Original Peak Response = 459616

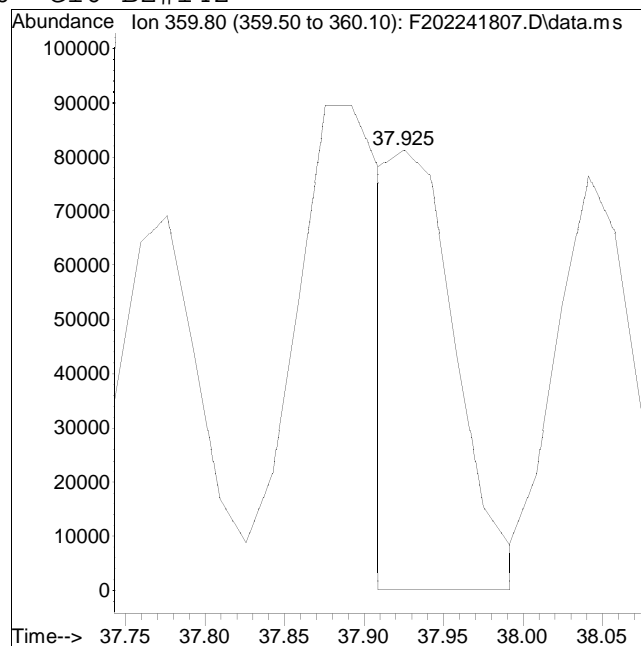
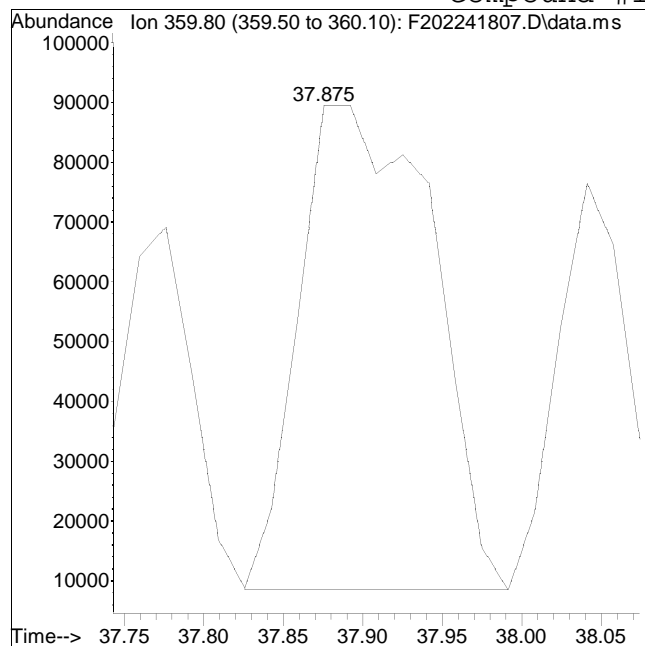
Manual Peak Response = 329269 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241807.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 4:25 pm Instrument : BNA2
Sample : I202241806 Quant Date : 2/25/2018 10:50 am

Compound #140: Cl6-BZ#142



Original Peak Response = 469156

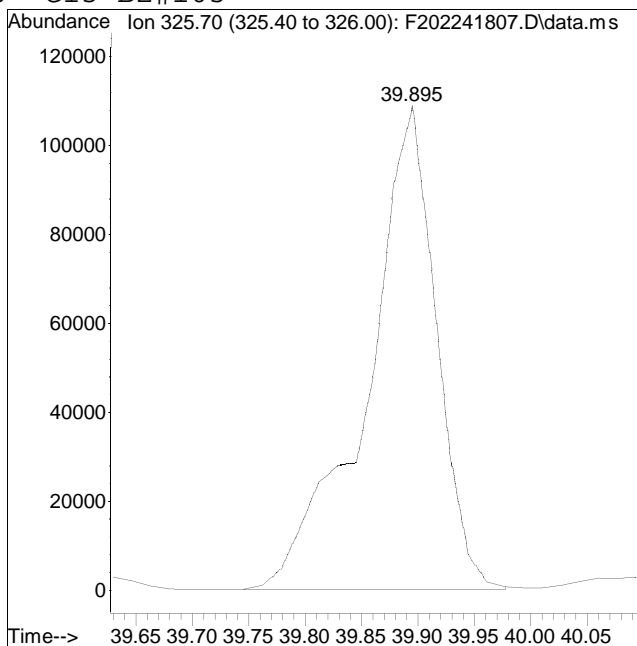
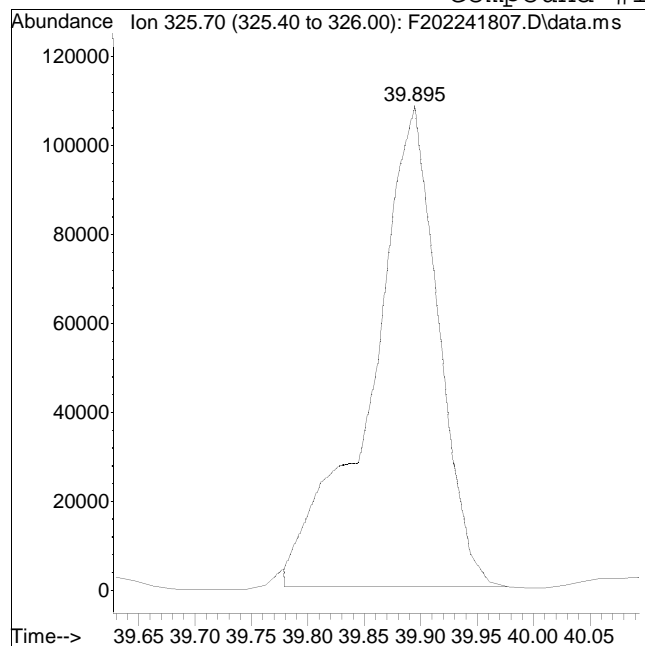
Manual Peak Response = 223039 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241807.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 4:25 pm Instrument : BNA2
Sample : I202241806 Quant Date : 2/25/2018 10:50 am

Compound #156: C15-BZ#105



Original Peak Response = 447536

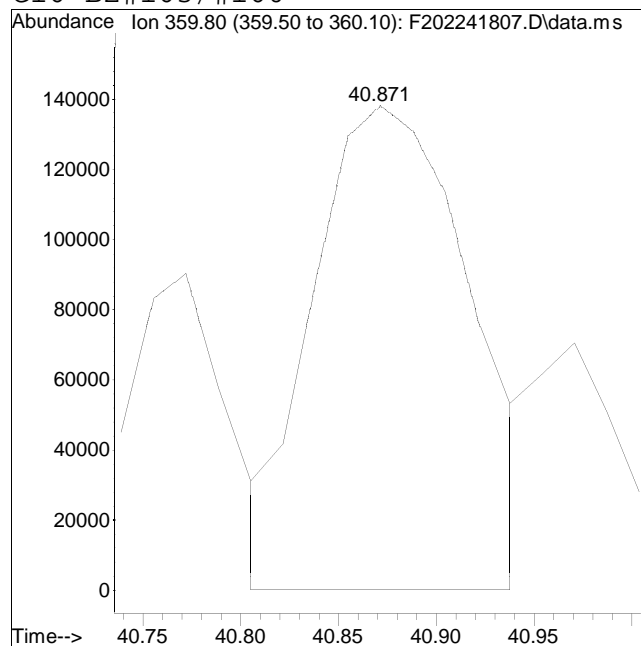
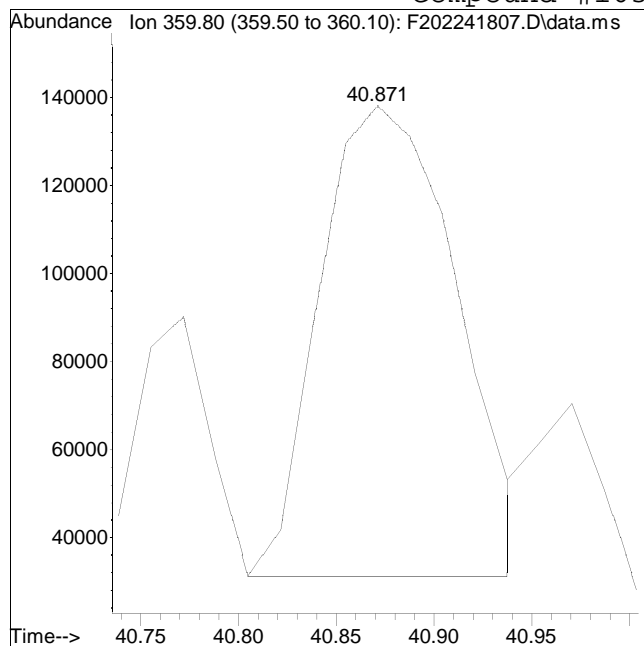
Manual Peak Response = 461848 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241807.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 4:25 pm Instrument : BNA2
Sample : I202241806 Quant Date : 2/25/2018 10:50 am

Compound #163: C16-BZ#163/#160



Original Peak Response = 518767

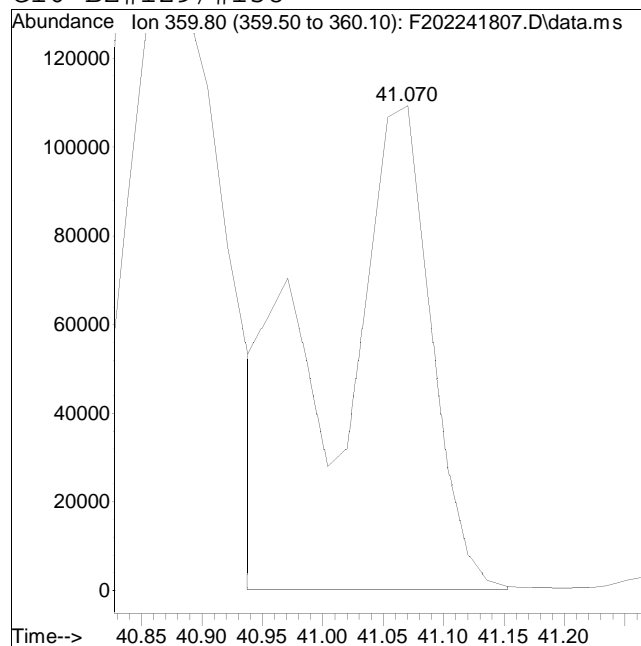
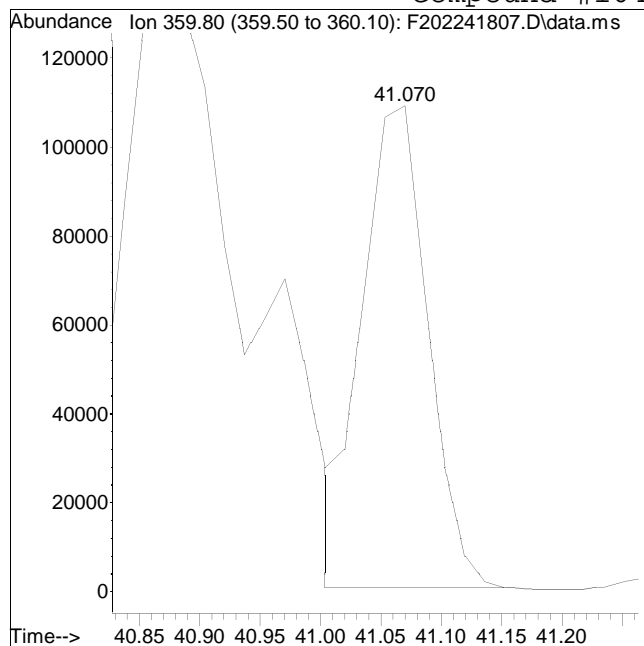
Manual Peak Response = 766429 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241807.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 4:25 pm Instrument : BNA2
Sample : I202241806 Quant Date : 2/25/2018 10:50 am

Compound #164: Cl6-BZ#129/#158



Original Peak Response = 411789

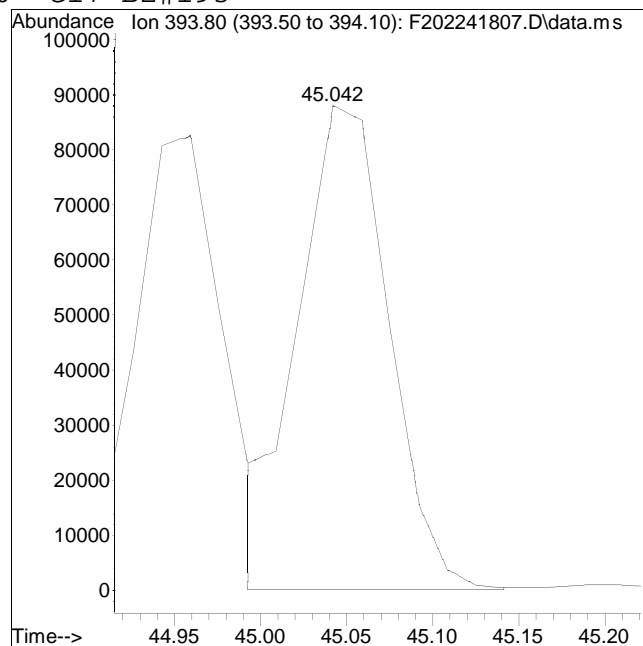
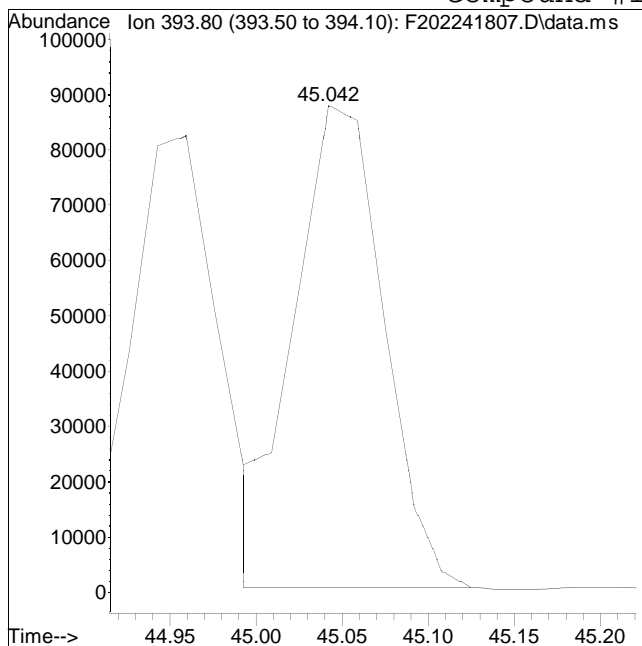
Manual Peak Response = 628398 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241807.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 4:25 pm Instrument : BNA2
Sample : I202241806 Quant Date : 2/25/2018 10:50 am

Compound #190: C17-BZ#193



Original Peak Response = 312745

Manual Peak Response = 320144 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241808.D
 Acq On : 24 Feb 2018 5:39 pm
 Operator : BNA2:JT
 Sample : I202241807
 Misc : wgl092764,MSAT55,500ug/l
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 26 16:05:40 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.904	234	562289	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.926	406	310371M4	200.000	ng/mL	0.00	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.985	268	514037	365.745	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	365.75%#		
93) C15-BZ#101-C13 (surr)	33.241	338	791316	383.018	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	383.02%#		
151) C16-BZ#153-C13 (surr)	38.786	372	761719	342.361	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	342.36%#		
177) C18-BZ#202-C13 (surr)	42.990	442	748009	385.124	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	385.12%#		
Target Compounds							
3) C11-BZ#1-Cal/RTW	14.559	188	1324625	348.292	ng/mL	100	Qvalue
4) Monochlorobiphenyls	0.000		0	N.D.	d		
5) C11- conf Ion	0.000		0	N.D.	d		
6) C11-BZ#2	16.642	188	1417350	382.024	ng/mL	100	
7) C11-BZ#3-RTW	17.109	188	1406521	380.984	ng/mL	98	
8) C12-BZ#4/#10-RTW	17.535	222	1633453	689.884	ng/mL	99	
9) C12-BZ#9	19.095	222	1078210	386.520	ng/mL	99	
10) C12-BZ#7	19.191	222	1036876	385.394	ng/mL	98	
11) C12-BZ#6	19.626	222	1140988	385.821	ng/mL	99	
12) C12-BZ#5	20.068	222	1031845	361.806	ng/mL	100	
13) C12-BZ#8	20.221	222	1184139	377.628	ng/mL	99	
14) Dichlorobiphenyls	0.000		0	N.D.	d		
15) C12-Conf Ion	0.000		0	N.D.	d		
16) C13-BZ#19-RTW	21.001	256	571966	347.748	ng/mL	100	
17) C12-BZ#14	21.138	222	1159545	402.939	ng/mL	97	
18) C13-BZ#30	21.556	256	935799	371.368	ng/mL	100	
19) C13-BZ#18	22.376	256	635906	365.869	ng/mL	97	
20) C12-BZ#11	22.497	222	1232946	390.468	ng/mL	96	
21) C13-BZ#17	22.577	256	597789	363.928	ng/mL	100	
22) C12-BZ#12	22.899	222	1112384	404.268	ng/mL	98	
23) C13-BZ#27	22.939	256	836450	368.979	ng/mL	98	
24) C12-BZ#13	23.196	222	1268961	400.927	ng/mL	99	
25) C13-BZ#24	23.212	256	860443	384.934	ng/mL	98	
26) C13-BZ#16	23.558	256	518984	362.729	ng/mL	96	
27) C13-BZ#32	23.759	256	912706	373.122	ng/mL	97	
28) C12-BZ#15-RTW	23.920	222	1197253	366.256	ng/mL	100	

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241808.D
 Acq On : 24 Feb 2018 5:39 pm
 Operator : BNA2:JT
 Sample : I202241807
 Misc : wgl092764,MSAT55,500ug/l
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 26 16:05:40 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) C13-BZ#34	24.153	256	866632	382.663	ng/mL	99
30) C13-BZ#23	24.338	256	859978	384.403	ng/mL	100
31) C14-BZ#54-RTW	24.338	292	780924	349.945	ng/mL	98
32) C13-BZ#29-Cal	24.563	256	867952	393.226	ng/mL	98
33) Trichlorobiphenyls	0.000		0	N.D.	d	
34) C13- Conf Ion	0.000		0	N.D.	d	
35) C14-BZ#50-Cal	25.062	292	660313	364.904	ng/mL	98
36) Tetrachlorobiphenyls	0.000		0	N.D.	d	
37) C14-Conf Ion	0.000		0	N.D.	d	
38) C13-BZ#26	25.094	256	959146	401.213	ng/mL	100
39) C13-BZ#25	25.303	256	948070	392.933	ng/mL	99
40) C14-BZ#53	25.777	292	721744	367.766	ng/mL	100
41) C13-BZ#-31	25.876	256	1271177	416.419	ng/mL	97
42) C13-BZ#28	26.075	256	1299415	418.453	ng/mL	100
43) C13-BZ#33	26.174	256	973752M3	347.513	ng/mL	
44) C13-BZ#21/#20	26.224	256	2272438M3	816.080	ng/mL	
45) C14-BZ#51	26.207	292	801824	373.847	ng/mL	98
46) C14-BZ#45	26.754	292	628798	389.062	ng/mL	100
47) C13-BZ#22	27.002	256	1149642	410.599	ng/mL	99
48) C14-BZ#73/#46	27.134	292	1698000	770.532	ng/mL	100
49) C14-BZ#69	27.432	292	1040471	405.808	ng/mL	99
50) C14-BZ#43	27.515	292	642090	353.311	ng/mL	97
51) C13-BZ#36	27.565	256	1300745	403.301	ng/mL	99
52) C14-BZ#52	27.664	292	790370	363.917	ng/mL	98
53) C14-BZ#48	27.829	292	738247	405.357	ng/mL	99
54) C14-BZ#49	27.978	292	764137	384.859	ng/mL	100
55) C15-BZ#104-RTW	28.193	326	795892	369.594	ng/mL	98
56) C14-BZ#47	28.276	292	784432M3	369.142	ng/mL	
57) C14-BZ#65/#75/#62	28.376	292	3072285M3	1184.486	ng/mL	
58) C13-BZ#39	28.425	256	1192282	412.290	ng/mL	100
59) C13-BZ#38	28.541	256	1155715	406.042	ng/mL	99
60) C14-BZ#44	28.938	292	685718	392.968	ng/mL	98
61) C14-BZ#59	29.153	292	992212	392.644	ng/mL	98
62) C14-BZ#42	29.253	292	660439	397.910	ng/mL	97
63) C14-BZ#71	29.484	292	1046016	386.436	ng/mL	100
64) C13-BZ#35	29.600	256	1204604	430.334	ng/mL	100
65) C14-BZ#41	29.716	292	651918	412.630	ng/mL	99
66) C14-BZ#72	29.832	292	1115956	398.495	ng/mL	99
67) C15-BZ#96	29.865	326	865712	373.071	ng/mL	96
68) C15-BZ#103	29.981	326	698560M4	422.552	ng/mL	
69) C14-BZ#68/#64	30.146	292	2101519	809.979	ng/mL	99

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241808.D
 Acq On : 24 Feb 2018 5:39 pm
 Operator : BNA2:JT
 Sample : I202241807
 Misc : wgl092764,MSAT55,500ug/l
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 26 16:05:40 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) C14-BZ#40	30.262	292	492449	391.566	ng/mL	99
71) C13-BZ#37-RTW	30.477	256	1610764	437.566	ng/mL	100
72) C15-BZ#100	30.477	326	740272	395.397	ng/mL	98
73) C15-BZ#94	30.577	326	561795M4	392.339	ng/mL	
74) C14-BZ#57	30.676	292	1119523	401.014	ng/mL	98
75) C14-BZ#67/#58	31.007	292	2300693	823.334	ng/mL	99
76) C15-BZ#102	31.057	326	779348	377.514	ng/mL	100
77) C14-BZ#61	31.371	292	1121238	409.436	ng/mL	98
78) C15-BZ#98	31.388	326	720355	389.835	ng/mL	99
79) C14-BZ#76	31.537	292	1196308	398.106	ng/mL	99
80) C15-BZ#93	31.520	326	584844	386.148	ng/mL	100
81) C14-BZ#63	31.619	292	1053235M4	400.338	ng/mL	
82) C15-BZ#121/#95/#88	31.686	326	2329836	1174.172	ng/mL	99
83) C14-BZ#74	31.901	292	1181328	414.813	ng/mL	97
84) C16-BZ#155-RTW	32.033	360	835824	379.455	ng/mL	100
85) C14-BZ#70	32.066	292	1186334	356.429	ng/mL	97
86) C14-BZ#66	32.348	292	1103906	412.769	ng/mL	99
87) C15-BZ#91	32.215	326	665819	381.951	ng/mL	99
88) C14-BZ#80	32.612	292	1153774	430.140	ng/mL	99
89) C14-BZ#55	32.811	292	1181807	426.517	ng/mL	98
90) C15-BZ#92	32.861	326	663004	395.645	ng/mL	99
91) C15-BZ#89/#84	33.142	326	1255106	711.119	ng/mL	97
92) C15-BZ#101/#90	33.275	326	1460393M4	807.050	ng/mL	
94) C14-BZ#56	33.258	292	1161701	408.132	ng/mL	100
95) C15-BZ#113	33.357	326	882008M4	401.311	ng/mL	
96) C15-BZ#99	33.639	326	824978	406.216	ng/mL	99
97) C16-BZ#150	33.688	360	905543	388.578	ng/mL	98
98) C14-BZ#60	33.705	292	1239057	388.957	ng/mL	98
99) C16-BZ#152	34.052	360	978938	381.472	ng/mL	100
100) C15-BZ#119	34.135	326	1015096	397.754	ng/mL	98
101) C15-BZ#83/#125/#112	34.284	326	2514589M1	1205.798	ng/mL	
102) C15-BZ#86/#109	34.450	326	1703382M1	831.152	ng/mL	
103) C15-BZ#97	34.565	326	618815	389.741	ng/mL	98
104) C15-BZ#116	35.029	326	861809	406.635	ng/mL	99
105) C15-BZ#87/#111	35.310	326	1701013M1	808.067	ng/mL	
106) Pentachlorobiphenyls	0.000		0	N.D.	d	
107) C15-Conf Ion	0.000		0	N.D.	d	
108) C16-BZ#145	34.499	360	995844	383.073	ng/mL	99
109) C16-BZ#148	34.698	360	689080	399.585	ng/mL	99
110) C14-BZ#79	34.814	292	1140550	434.459	ng/mL	99
111) C16-BZ#154-Cal	35.227	360	805420	411.164	ng/mL	99

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241808.D
 Acq On : 24 Feb 2018 5:39 pm
 Operator : BNA2:JT
 Sample : I202241807
 Misc : wgl092764,MSAT55,500ug/l
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 26 16:05:40 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112) Hexachlorobiphenyls	0.000		0		N.D.	d
113) Cl6-Conf Ion	0.000		0		N.D.	d
114) Cl4-BZ#78	35.294	292	1460430	429.267	ng/mL	84
115) Cl6-BZ#136	35.360	360	887301M4	382.608	ng/mL	
116) Cl5-BZ#117	35.426	326	1048725M4	394.227	ng/mL	
117) Cl5-BZ#115	35.492	326	1066344M4	430.003	ng/mL	
118) Cl5-BZ#85	35.592	326	656650	407.206	ng/mL	100
119) Cl5-BZ#120	35.724	326	1053666	429.901	ng/mL	100
120) Cl5-BZ#110	35.873	326	944392	395.089	ng/mL	99
121) Cl4-BZ#81	36.254	292	1157997	449.156	ng/mL	99
123) Cl6-BZ#151	36.254	360	688343	382.865	ng/mL	98
124) Cl6-BZ#135	36.403	360	744083	390.436	ng/mL	100
125) Cl5-BZ#82	36.568	326	646567	367.370	ng/mL	98
126) Cl6-BZ#144	36.601	360	726710	374.913	ng/mL	99
127) Cl6-BZ#147/#149	36.916	360	1529125	767.291	ng/mL	98
128) Cl4-BZ#77-RTW	37.015	292	1099292M4	421.841	ng/mL	
129) Cl6-BZ#143/#139	37.147	360	1501624	740.248	ng/mL	99
130) Cl5-BZ#124	37.296	326	1024632	393.393	ng/mL	99
131) Cl5-BZ#108	37.578	326	999505	381.931	ng/mL	100
132) Cl5-BZ#107/#123	37.677	326	2229349M4	802.704	ng/mL	
133) Cl6-BZ#140	37.313	360	708841	368.486	ng/mL	99
134) Cl7-BZ#188-Cal/RTW	37.694	394	842937	357.271	ng/mL	99
135) Heptachlorobiphenyls	0.000		0		N.D.	d
136) Cl7-Conf Ion	0.000		0		N.D.	d
137) Cl6-BZ#134	37.776	360	625947	377.553	ng/mL	96
138) Cl5-BZ#106	37.809	326	1090318M4	394.172	ng/mL	
139) Cl6-BZ#133	37.892	360	794919M3	371.108	ng/mL	
140) Cl6-BZ#142	37.942	360	585927M3	377.135	ng/mL	
141) Cl5-BZ#118	38.041	326	969354	389.617	ng/mL	98
142) Cl6-BZ#131	38.041	360	645799	394.505	ng/mL	100
143) Cl7-BZ#184	38.174	394	823153	359.193	ng/mL	98
144) Cl6-BZ#165	38.240	360	907771	383.823	ng/mL	97
145) Cl6-BZ#146	38.339	360	794790	394.949	ng/mL	99
146) Cl6-BZ#161	38.521	360	1024529	386.804	ng/mL	100
147) Cl5-BZ#122	38.505	326	897155	394.320	ng/mL	99
148) Cl6-BZ#168	38.736	360	942647	378.553	ng/mL	99
149) Cl5-BZ#114	38.786	326	994547	383.743	ng/mL	100
150) Cl6-BZ#153	38.802	360	885428	385.968	ng/mL	97
152) Cl6-BZ#132	39.067	360	675263	364.596	ng/mL	99
153) Cl7-BZ#179	39.332	394	836326	371.706	ng/mL	100
154) Cl6-BZ#141	39.630	360	687371	413.949	ng/mL	100

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241808.D
 Acq On : 24 Feb 2018 5:39 pm
 Operator : BNA2:JT
 Sample : I202241807
 Misc : wgl092764,MSAT55,500ug/l
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 26 16:05:40 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
155) C17-BZ#176	39.829	394	799274	374.806	ng/mL	99
156) C15-BZ#105	39.895	326	1170382M4	404.307	ng/mL	
157) C16-BZ#137	40.060	360	720932	396.270	ng/mL	98
158) C15-BZ#127	40.209	326	1298948	402.384	ng/mL#	75
159) C17-BZ#186	40.160	394	905415	367.118	ng/mL	100
160) C16-BZ#130/#164	40.408	360	1671098	797.389	ng/mL	98
161) C17-BZ#178	40.706	394	615602	391.335	ng/mL	99
162) C16-BZ#138	40.772	360	842849M4	383.911	ng/mL	
163) C16-BZ#163/#160	40.871	360	1922496M4	796.767	ng/mL	
164) C16-BZ#129/#158	41.070	360	1629987M1	764.287	ng/mL	
165) C17-BZ#182/#175	41.103	394	1436648	748.886	ng/mL	100
166) C17-BZ#187	41.269	394	713389	377.293	ng/mL	96
167) C17-BZ#183	41.666	394	694404	428.183	ng/mL	99
168) C16-BZ#166	42.030	360	1032634	404.550	ng/mL	98
169) C16-BZ#159	42.278	360	1047993	424.796	ng/mL	99
170) C15-BZ#126-RTW	42.493	326	1304272	422.414	ng/mL	89
171) C17-BZ#185	42.526	394	648194	395.908	ng/mL	99
172) C16-BZ#162	42.609	360	983383	413.164	ng/mL	98
173) C17-BZ#174	42.758	394	642361	377.983	ng/mL	99
174) C16-BZ#128	42.775	360	718426	383.159	ng/mL	100
175) C16-BZ#167	43.056	360	1295716	412.932	ng/mL	93
176) C18-BZ#202-RTW	43.006	428	731003	387.387	ng/mL	100
178) C17-BZ#181	43.155	394	744275	401.986	ng/mL	98
179) C17-BZ#177	43.486	394	624358	395.071	ng/mL	99
180) C18-BZ#204/#200-Cal	43.569	428	1429585	756.342	ng/mL	99
181) Octachlorobiphenyls	0.000		0	N.D.	d	
182) C18-Conf Ion	0.000		0	N.D.	d	
183) C17-BZ#171	43.784	394	615943	430.540	ng/mL	98
184) C17-BZ#173	43.999	394	598105	393.748	ng/mL	100
185) C17-BZ#172	44.446	394	643608	398.028	ng/mL	98
186) C17-BZ#192	44.661	394	905956	408.574	ng/mL	100
187) C16-BZ#156	44.678	360	997332	409.284	ng/mL	99
188) C16-BZ#157	44.926	360	992049	393.260	ng/mL	98
189) C17-BZ#180	44.959	394	794921	371.022	ng/mL	97
190) C17-BZ#193	45.059	394	762957M4	311.685	ng/mL	
191) C18-BZ#197	44.099	428	724992	382.678	ng/mL	99
192) C17-BZ#191	45.373	394	842845	414.252	ng/mL	97
193) C18-BZ#199	45.208	428	704518	384.537	ng/mL	99
194) C18-BZ#198	46.747	428	612151	442.712	ng/mL	99
195) C18-BZ#201	46.830	428	513801	375.471	ng/mL	98
196) C17-BZ#170	46.962	394	603766	447.730	ng/mL	96

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241808.D
 Acq On : 24 Feb 2018 5:39 pm
 Operator : BNA2:JT
 Sample : I202241807
 Misc : wgl092764,MSAT55,500ug/l
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 26 16:05:40 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
197) C17-BZ#190	47.293	394	900869	407.136	ng/mL	97
198) C18-BZ#196	47.293	428	566766	392.663	ng/mL	98
199) C18-BZ#203	47.376	428	627992	417.590	ng/mL	100
200) C16-BZ#169-RTW	47.657	360	1106606	451.670	ng/mL	99
201) C19-BZ#208-RTW	48.816	464	726454	396.543	ng/mL	99
202) C19-BZ#207	49.494	464	737349	393.348	ng/mL	96
203) C17-BZ#189-RTW	49.660	394	813022	442.172	ng/mL	99
204) C18-BZ#195	49.809	428	551290	411.888	ng/mL	95
205) C18-BZ#194	51.480	428	585072	424.596	ng/mL	97
206) C18-BZ#205-RTW	52.076	428	713138	444.975	ng/mL	98
207) C19-BZ#206-Cal/RTW	54.112	464	603568	429.849	ng/mL	99
208) Nonachlorobiphenyls	0.000		0	N.D.	d	
209) C19-Conf Ion	0.000		0	N.D.	d	
210) C110-BZ#209-Cal/RTW	56.379	498	604716	411.113	ng/mL#	81
211) Decachlorobiphenyl	0.000		0	N.D.	d	
212) C110-Conf Ion	0.000		0	N.D.	d	

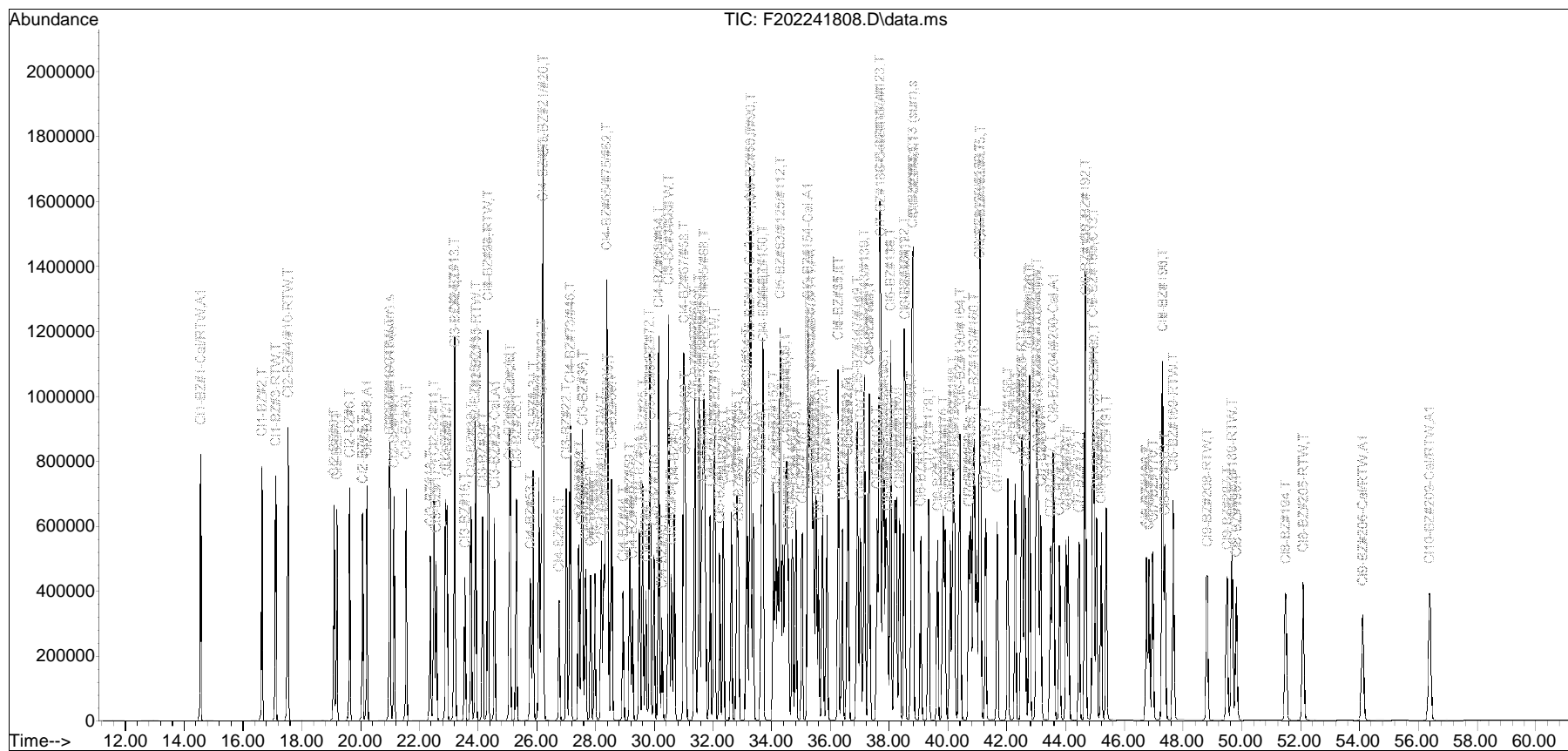
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241808.D
 Acq On : 24 Feb 2018 5:39 pm
 Operator : BNA2:JT
 Sample : I202241807
 Misc : wg1092764,MSAT55,500ug/l
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 26 16:05:40 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Sun Feb 25 10:49:08 2018
 Response via : Initial Calibration

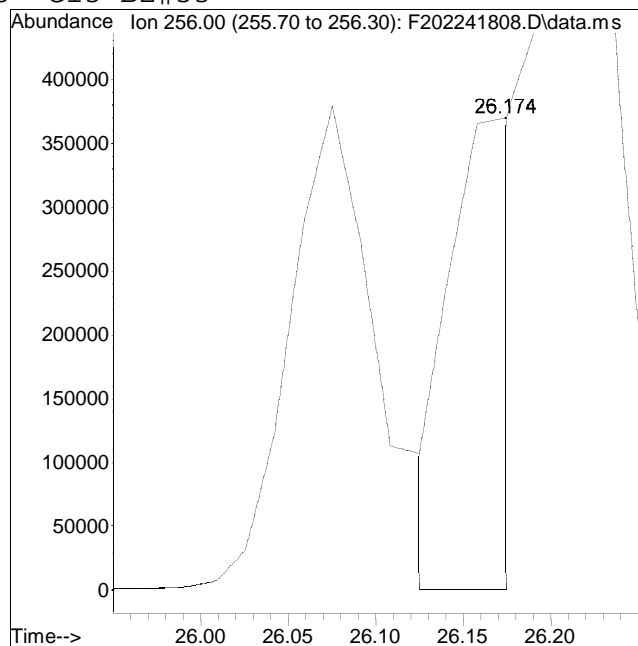
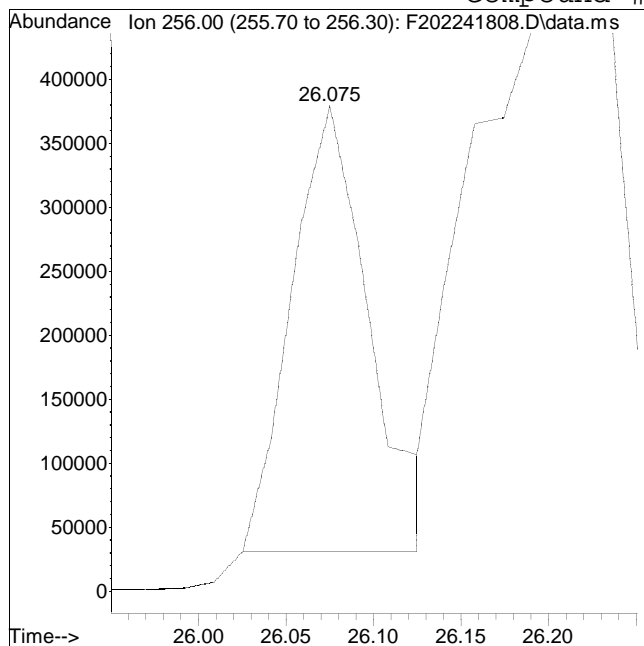
Sub List : Default - All compounds listed



Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #43: C13-BZ#33



Original Peak Response = 1082291

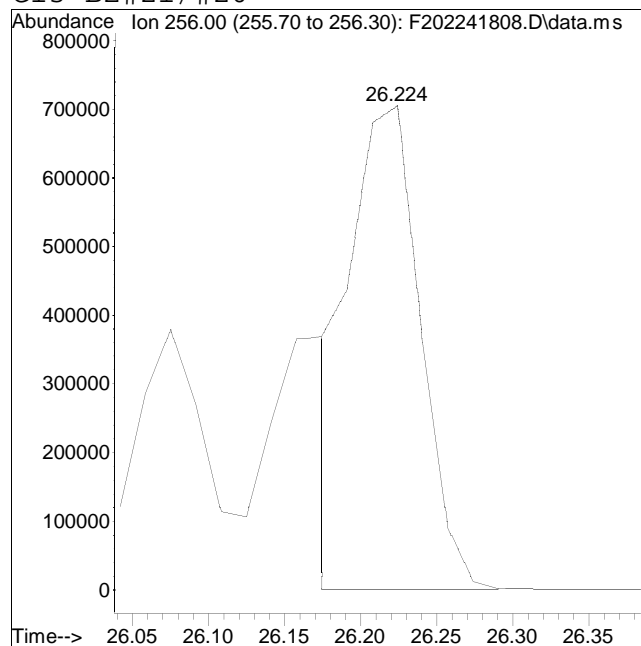
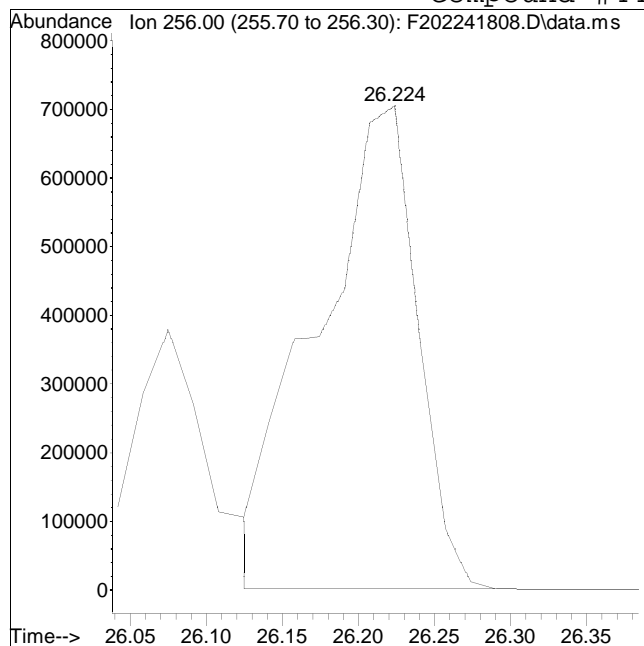
Manual Peak Response = 973752 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #44: C13-BZ#21/#20



Original Peak Response = 3225585

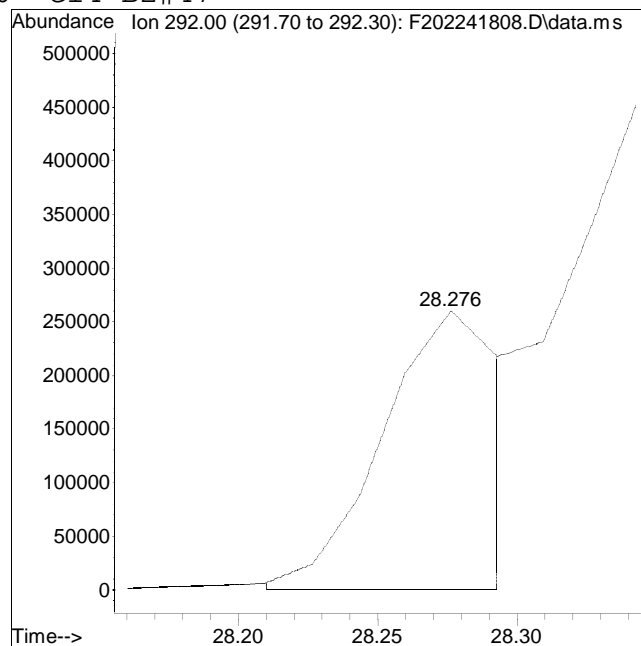
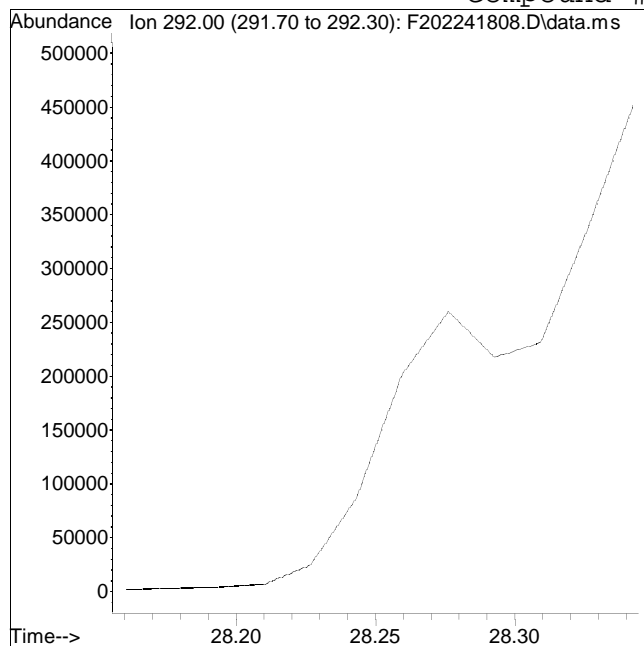
Manual Peak Response = 2272438 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #56: Cl4-BZ#47



Original Peak Response = 0

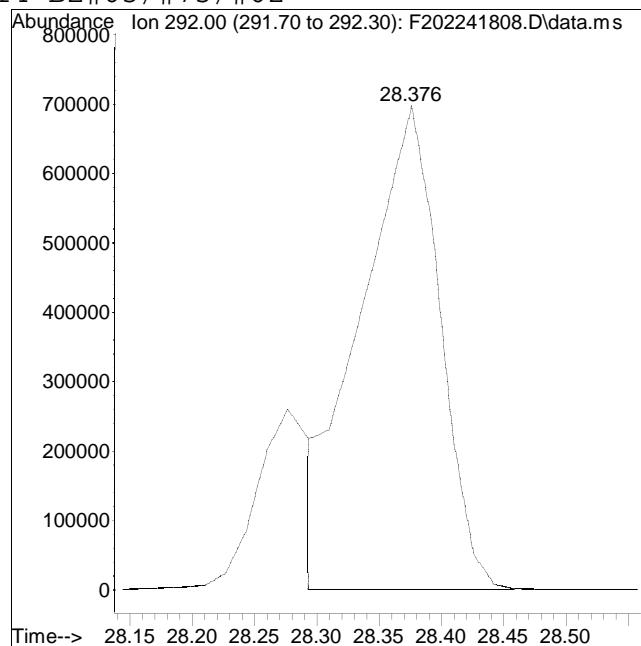
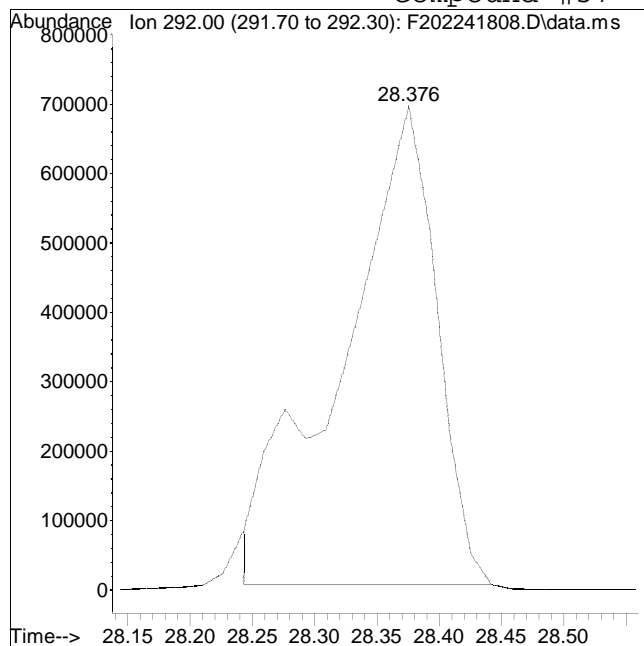
Manual Peak Response = 784432 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #57: C14-BZ#65/#75/#62



Original Peak Response = 3652603

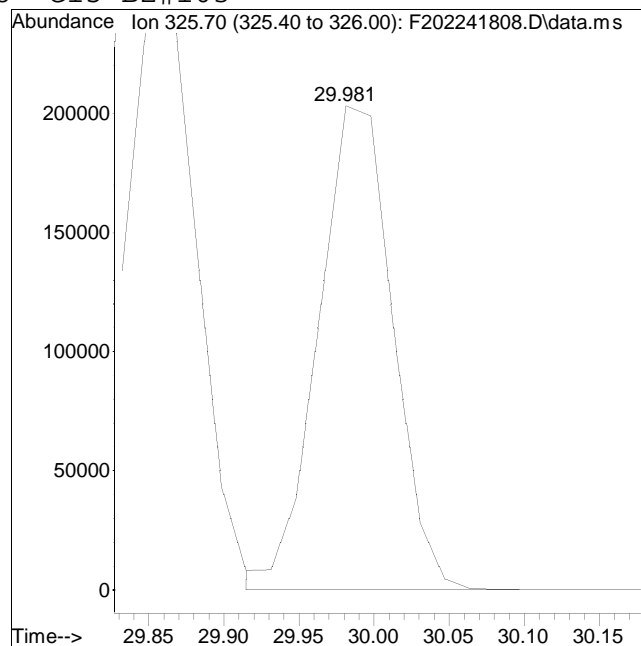
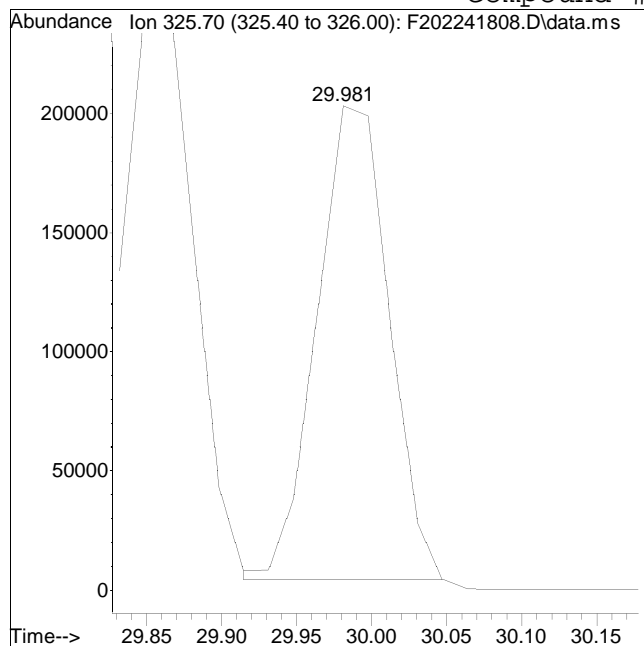
Manual Peak Response = 3072285 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #68: C15-BZ#103



Original Peak Response = 662172

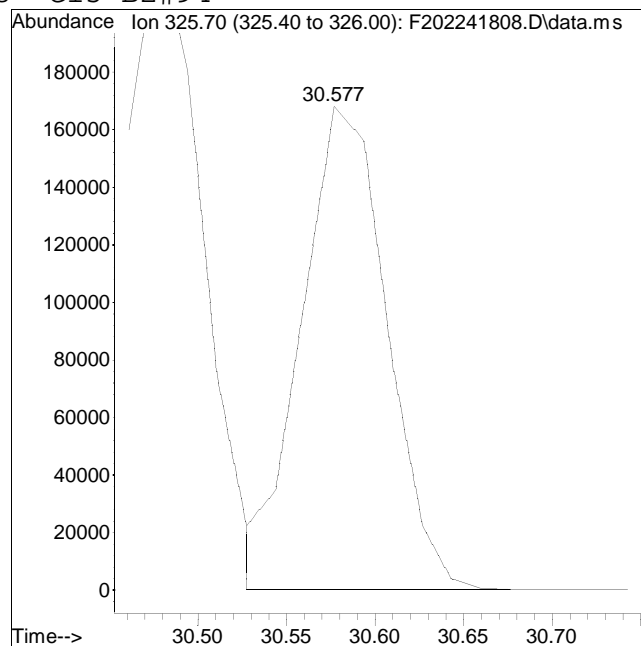
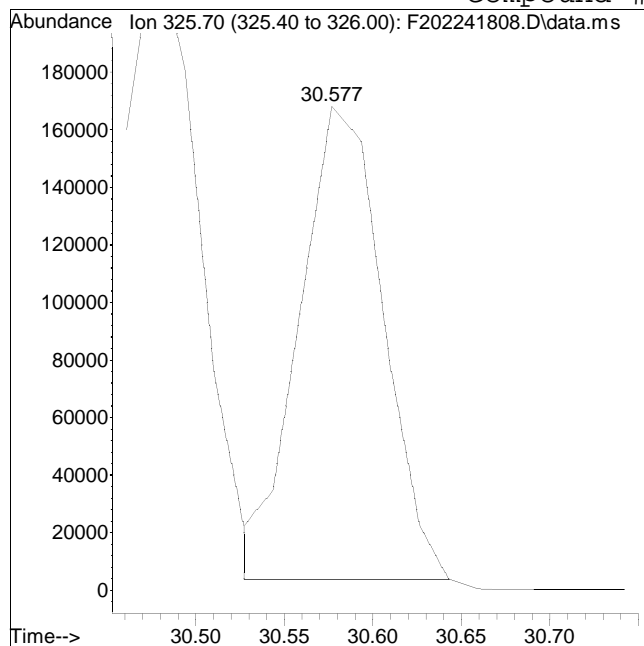
Manual Peak Response = 698560 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #73: C15-BZ#94



Original Peak Response = 535876

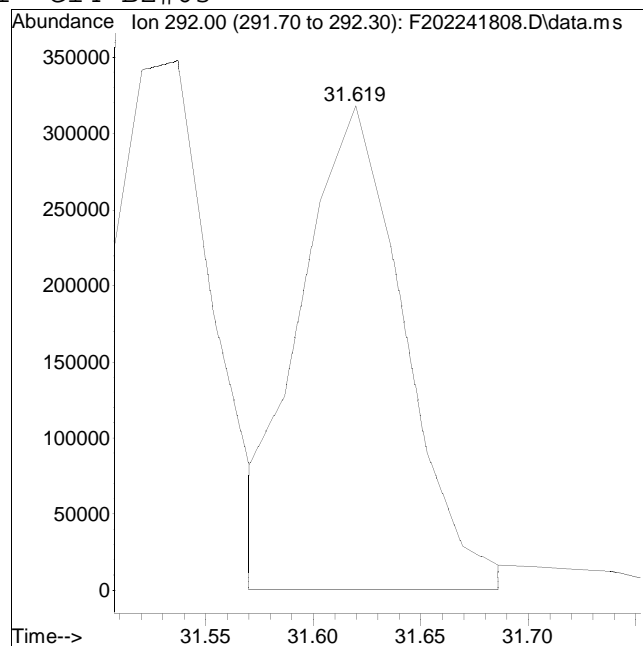
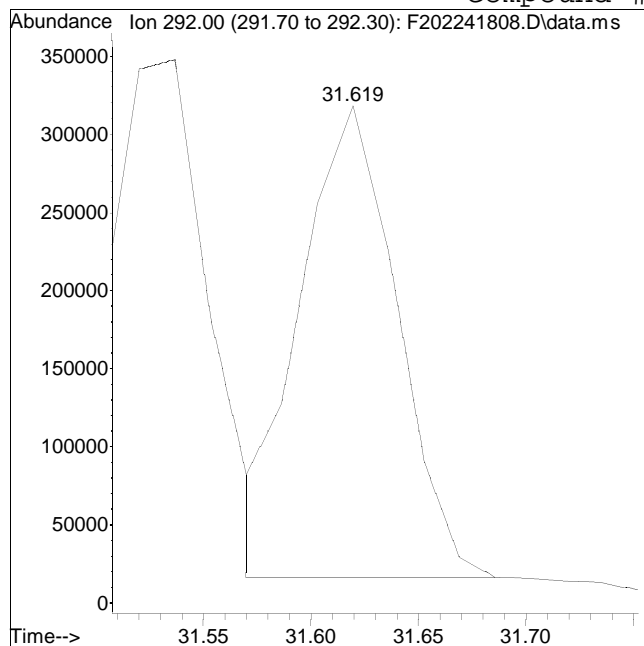
Manual Peak Response = 561795 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #81: Cl4-BZ#63



Original Peak Response = 940268

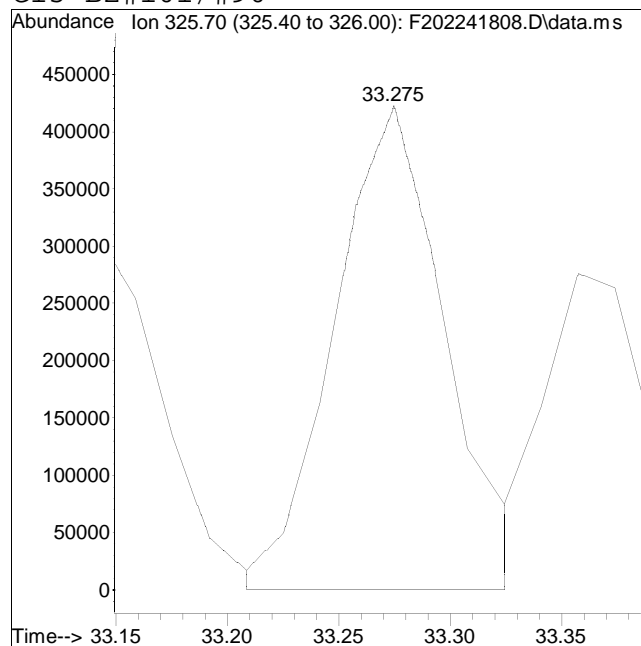
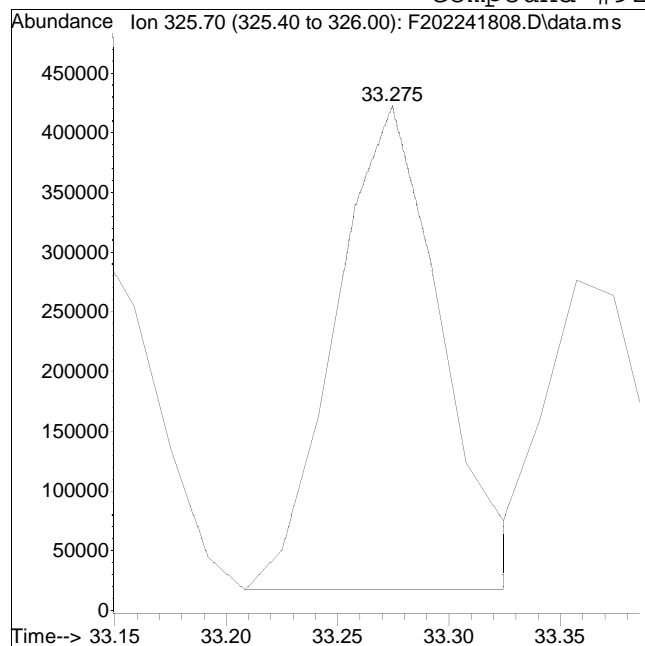
Manual Peak Response = 1053235 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #92: C15-BZ#101/#90



Original Peak Response = 1341448

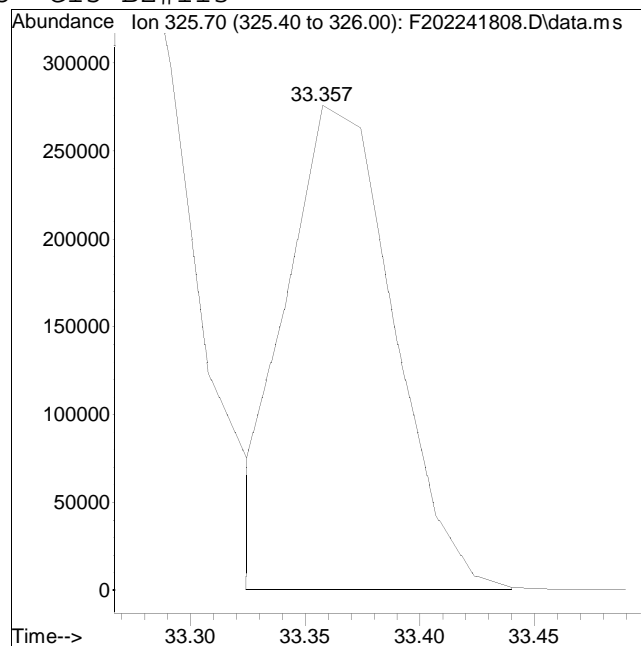
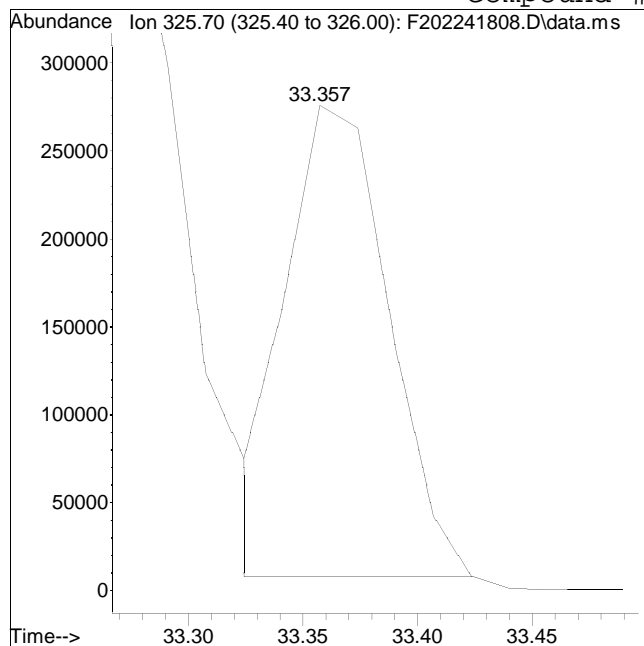
Manual Peak Response = 1460393 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #95: C15-BZ#113



Original Peak Response = 833262

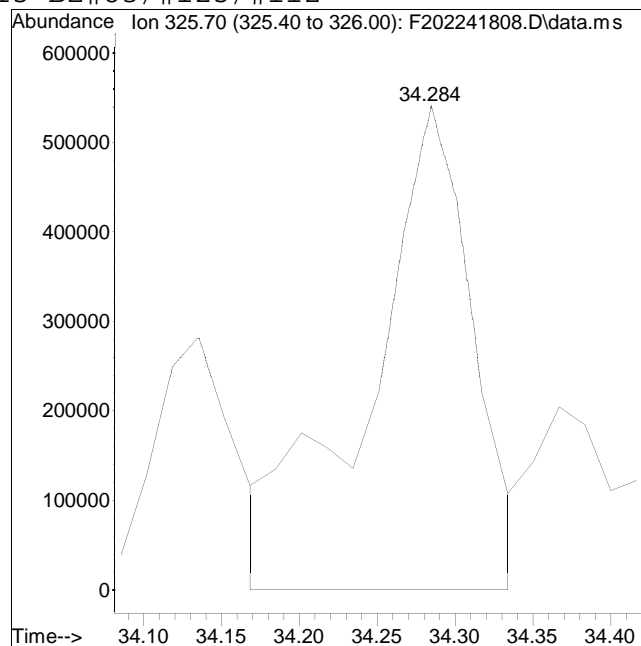
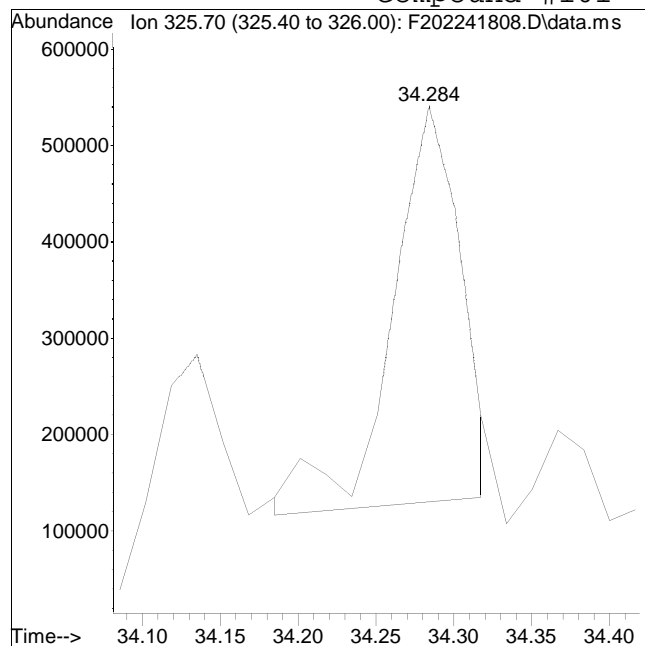
Manual Peak Response = 882008 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #101: C15-BZ#83/#125/#112



Original Peak Response = 1277874

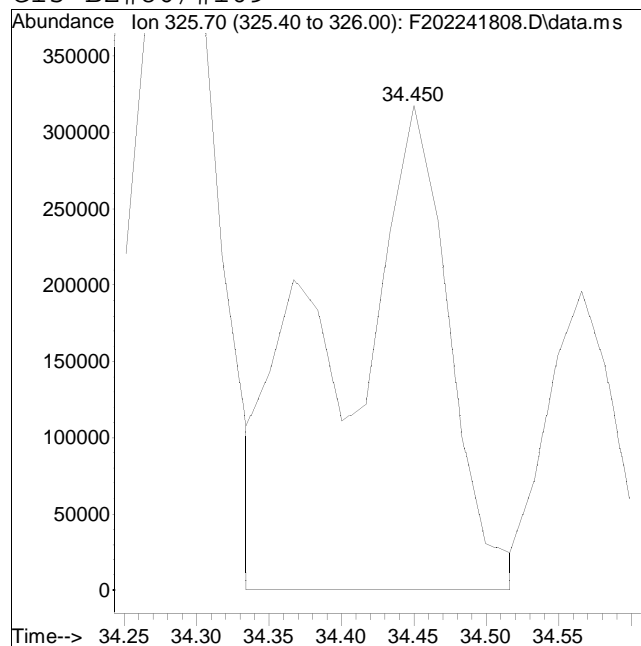
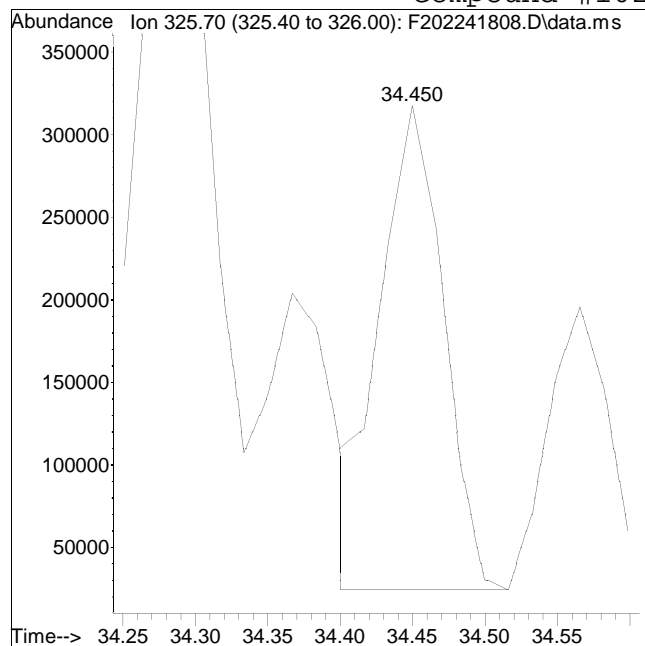
Manual Peak Response = 2514589 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #102: C15-BZ#86/#109



Original Peak Response = 898991

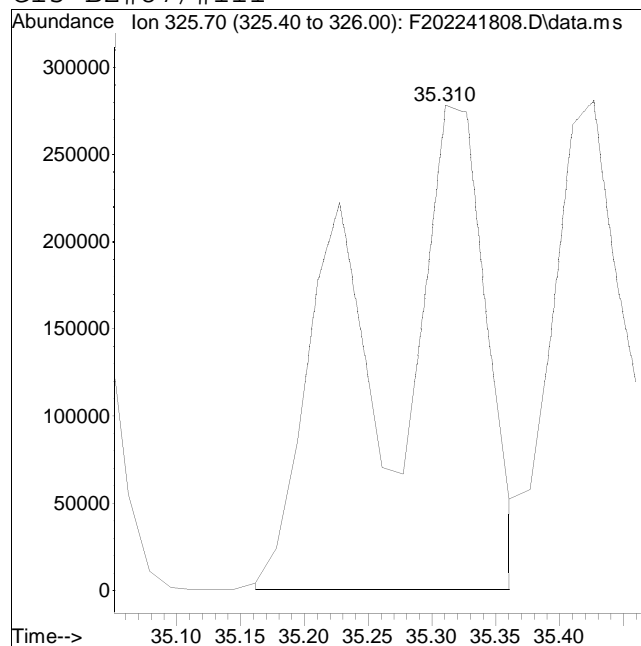
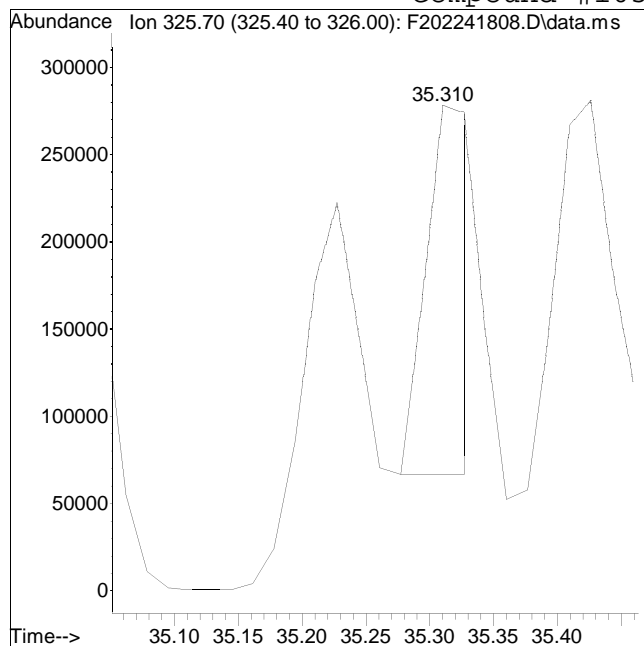
Manual Peak Response = 1703382 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #105: C15-BZ#87/#111



Original Peak Response = 512730

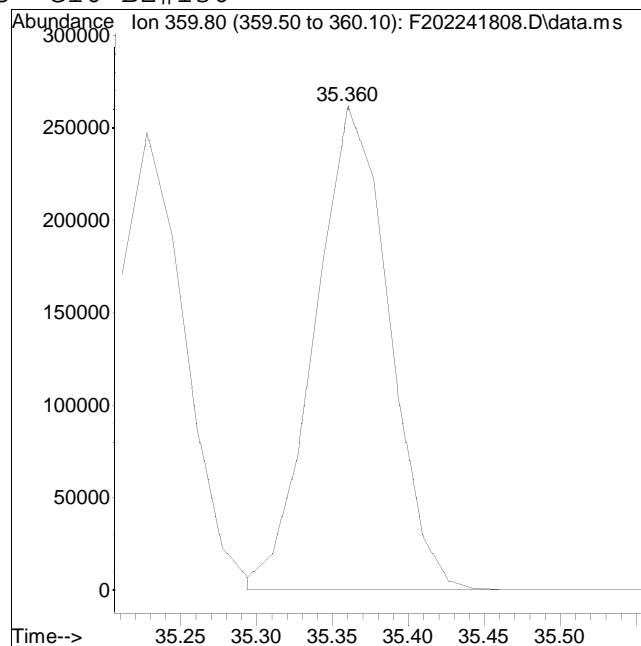
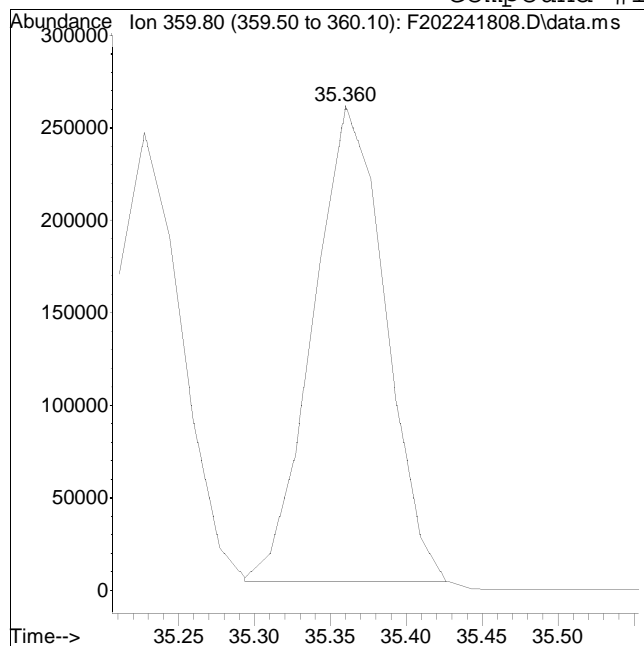
Manual Peak Response = 1701013 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #115: Cl6-BZ#136



Original Peak Response = 846100

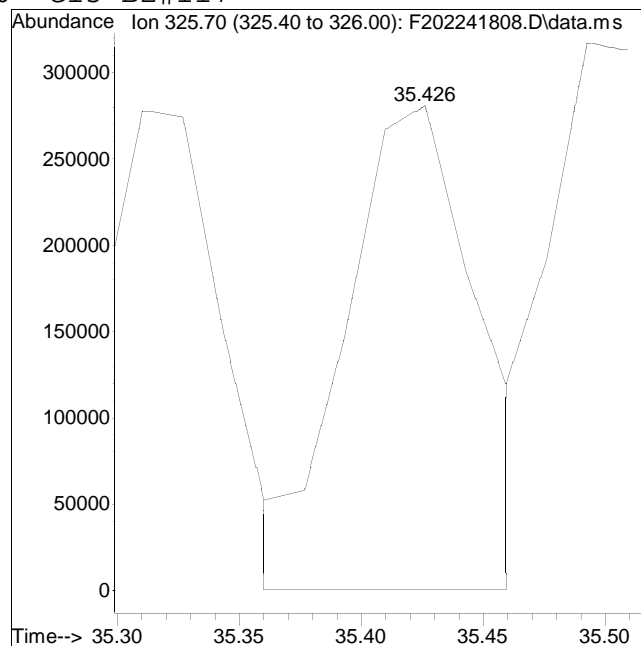
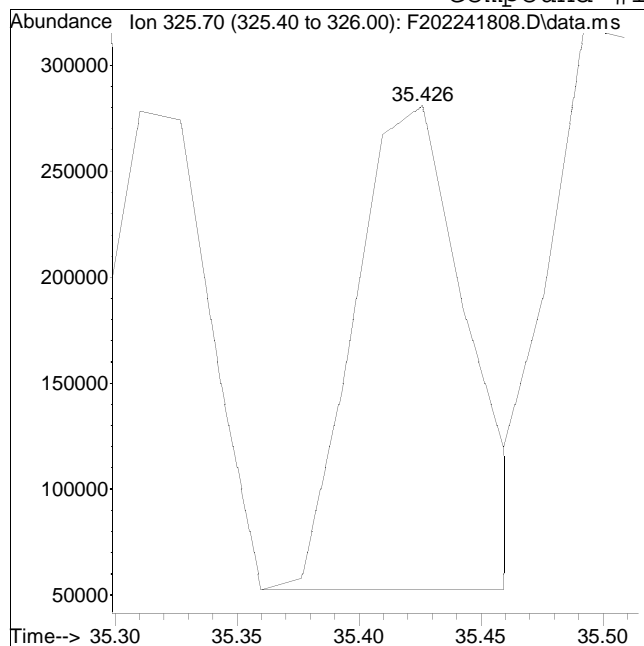
Manual Peak Response = 887301 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #116: C15-BZ#117



Original Peak Response = 737950

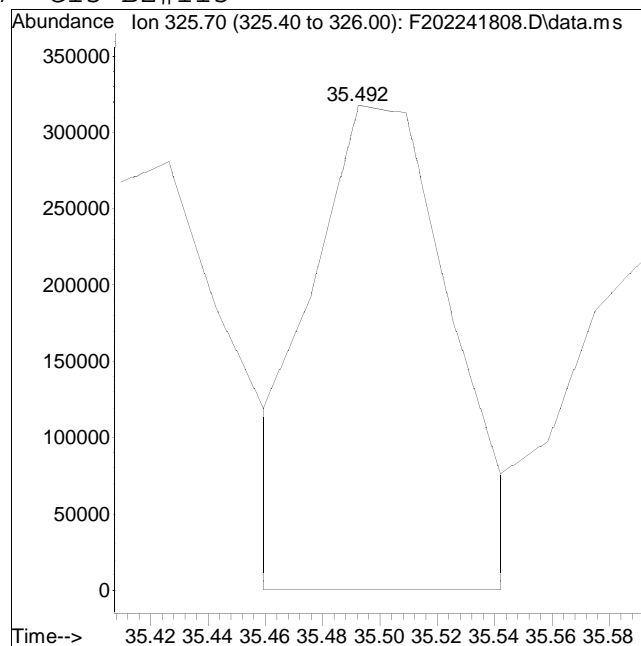
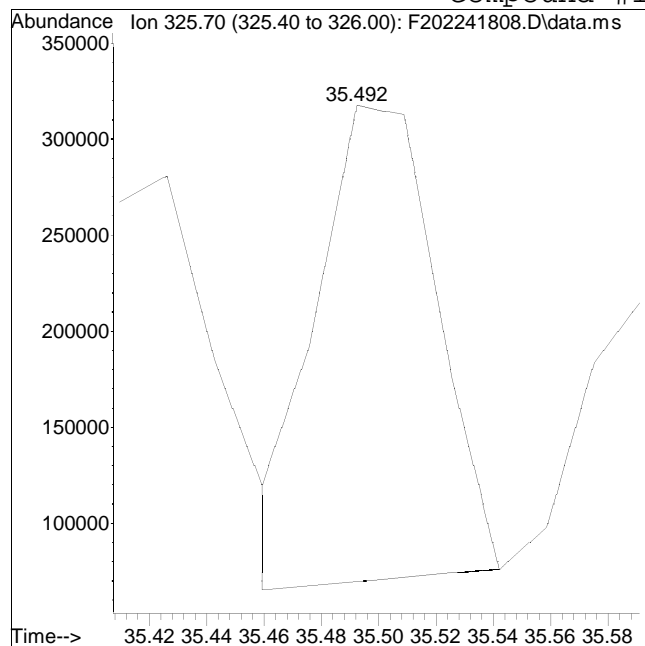
Manual Peak Response = 1048725 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #117: C15-BZ#115

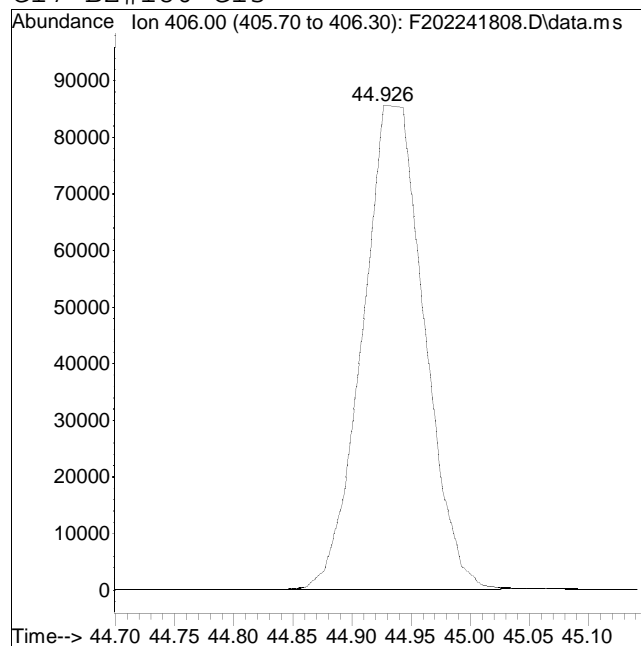
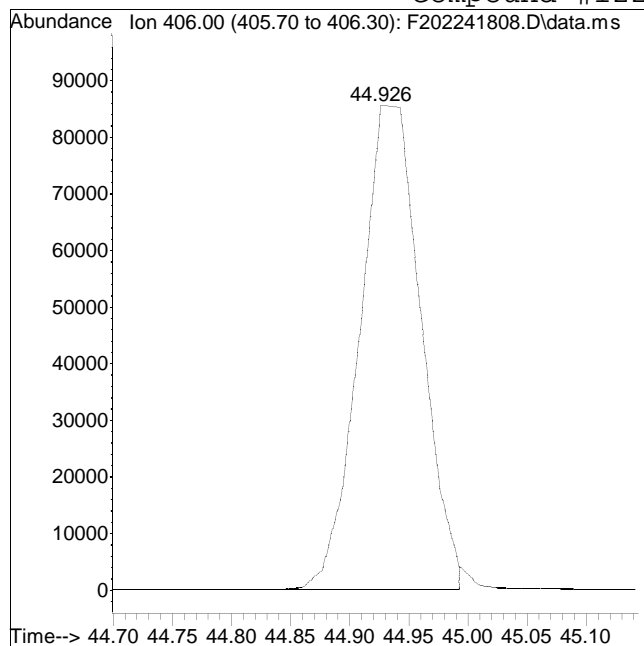


M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #122: C17-BZ#180-C13



Original Peak Response = 309072

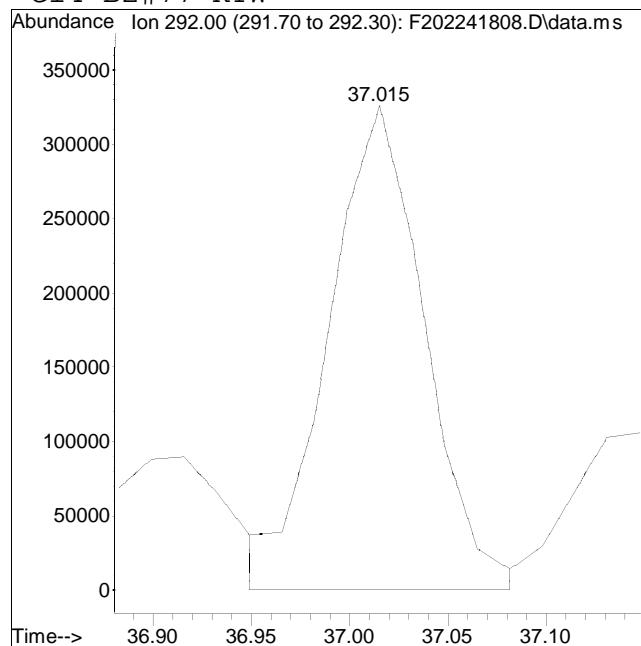
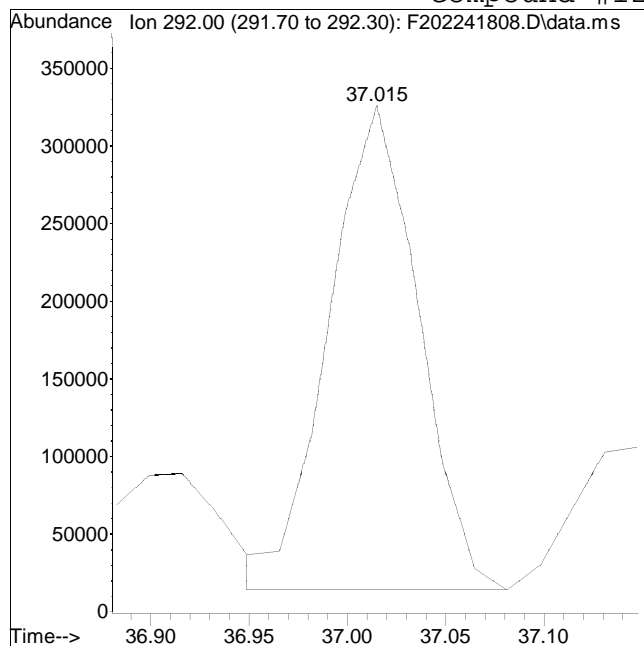
Manual Peak Response = 310371 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #128: C14-BZ#77-RTW



Original Peak Response = 987792

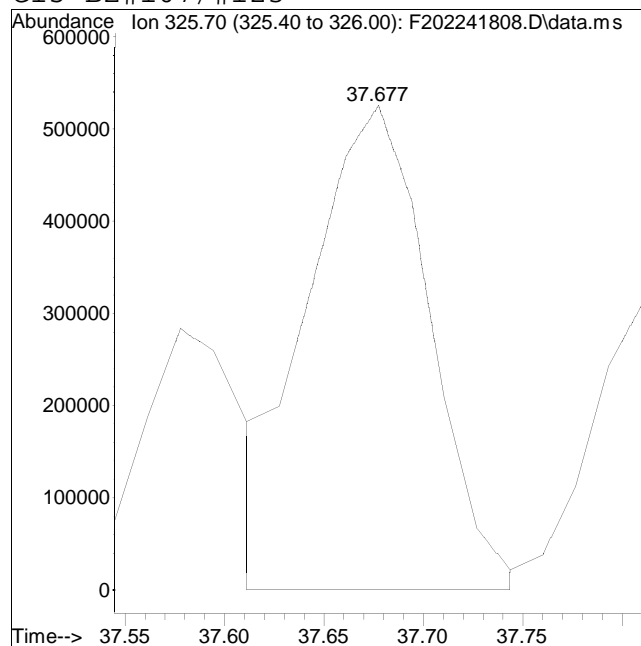
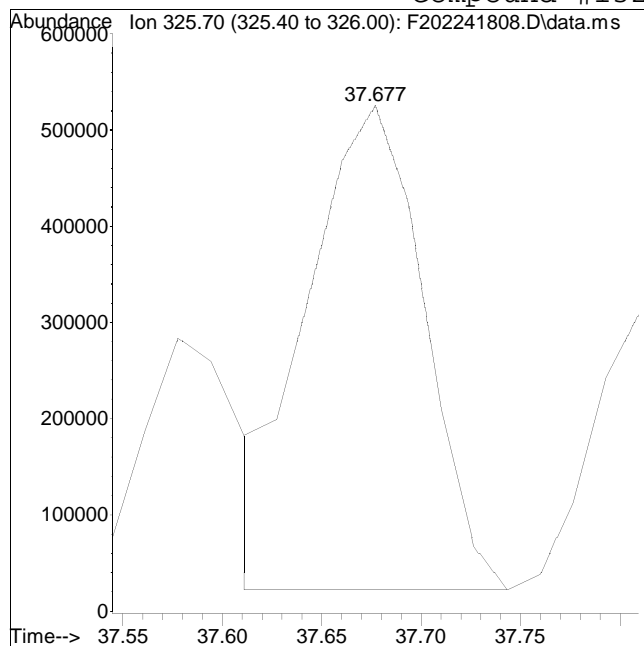
Manual Peak Response = 1099292 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #132: C15-BZ#107/#123



Original Peak Response = 2054970

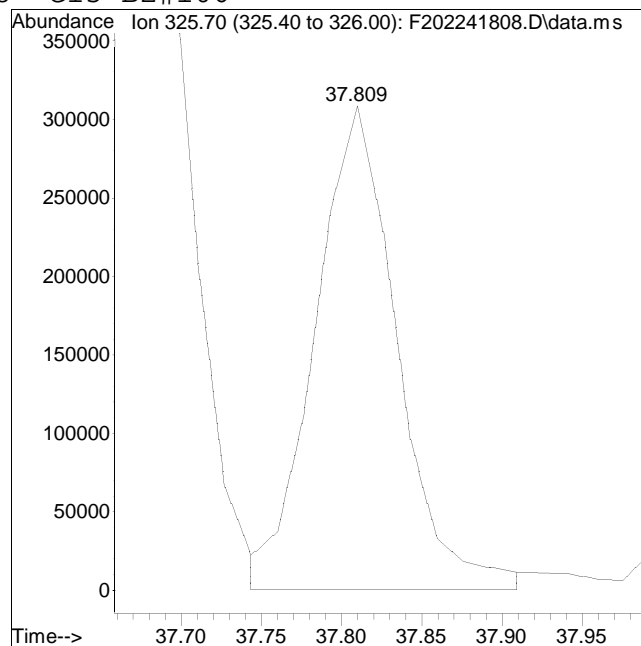
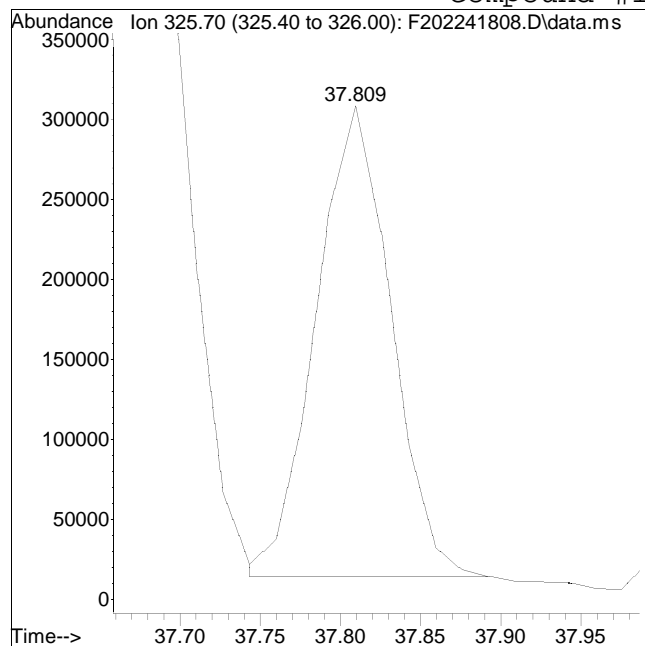
Manual Peak Response = 2229349 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #138: C15-BZ#106



Original Peak Response = 952195

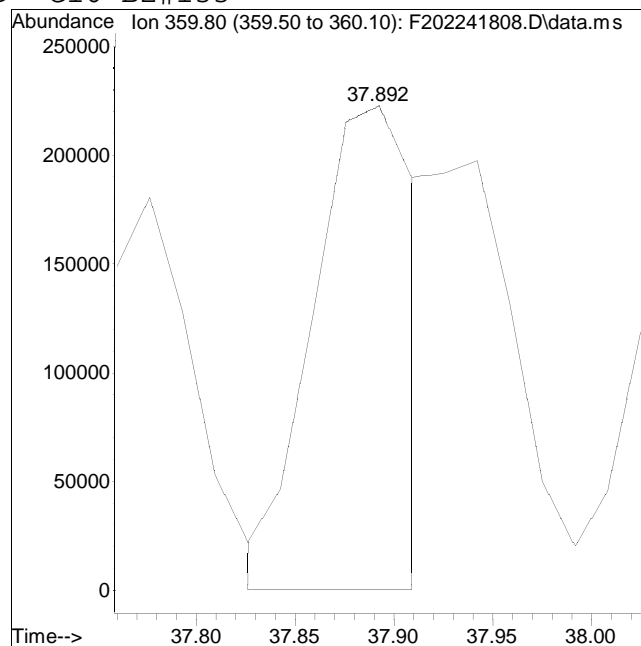
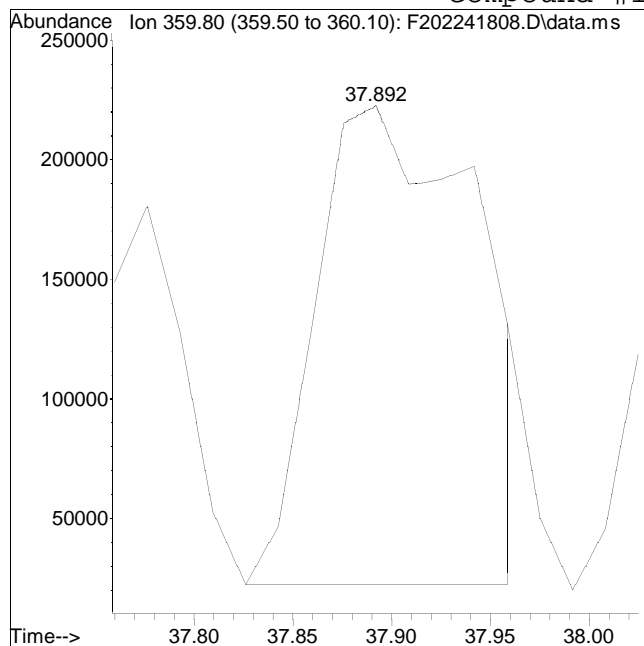
Manual Peak Response = 1090318 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #139: Cl6-BZ#133



Original Peak Response = 1135221

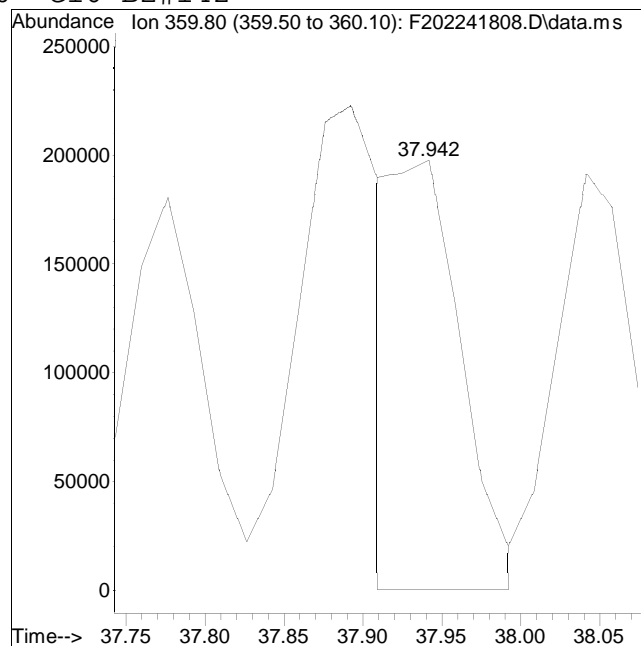
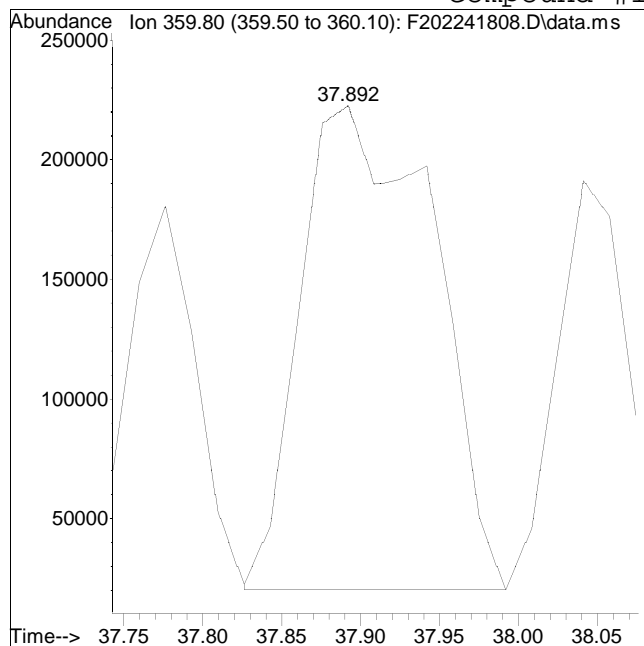
Manual Peak Response = 794919 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #140: Cl6-BZ#142



Original Peak Response = 1182869

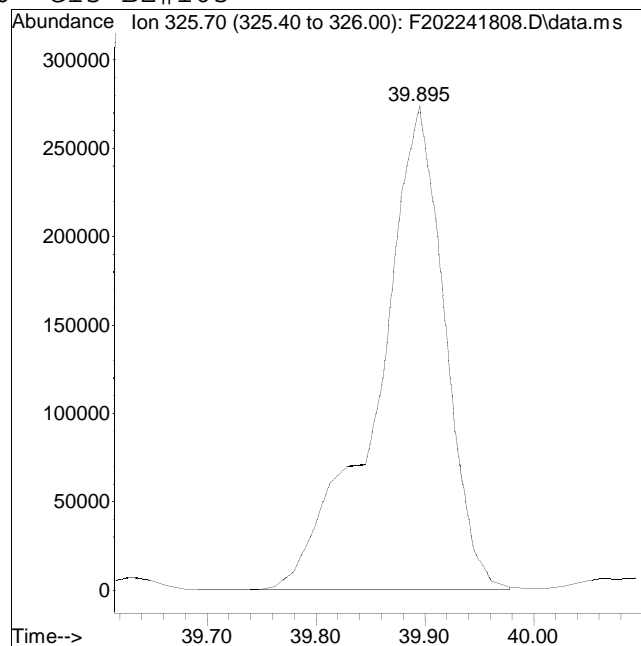
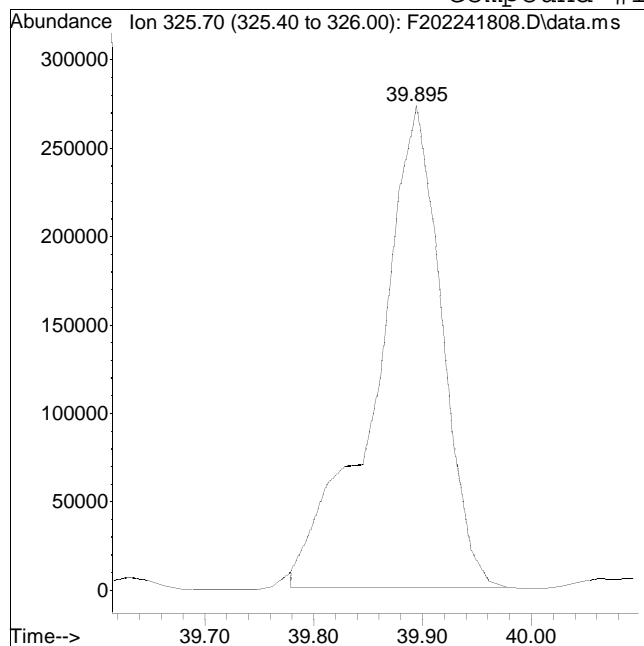
Manual Peak Response = 585927 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #156: C15-BZ#105



Original Peak Response = 1135996

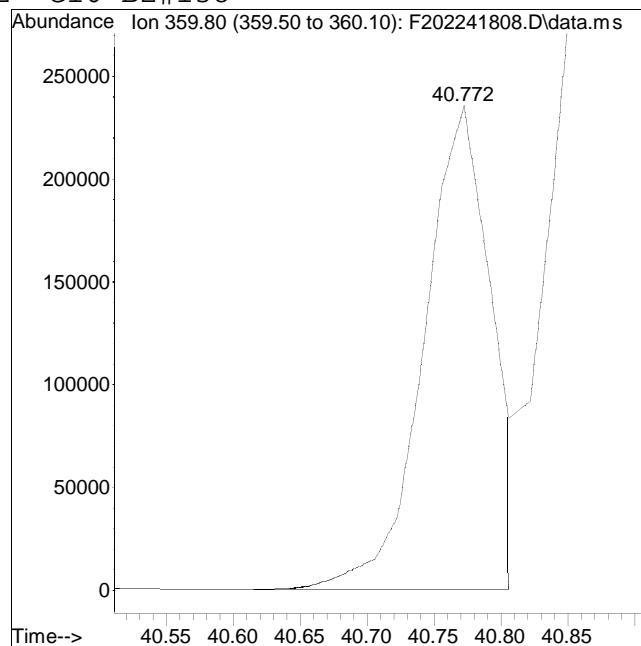
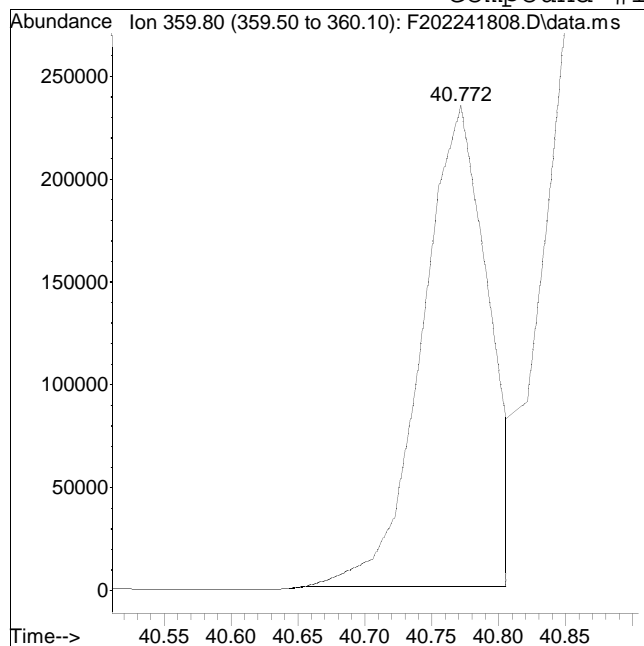
Manual Peak Response = 1170382 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #162: Cl6-BZ#138



Original Peak Response = 824056

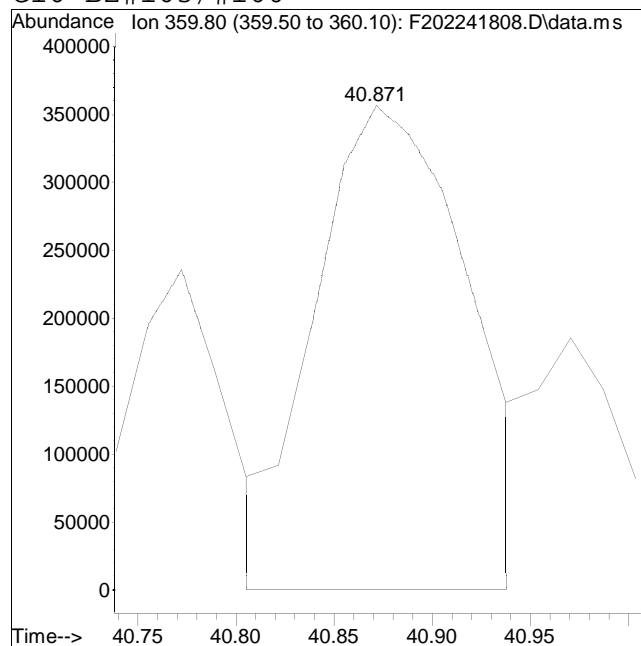
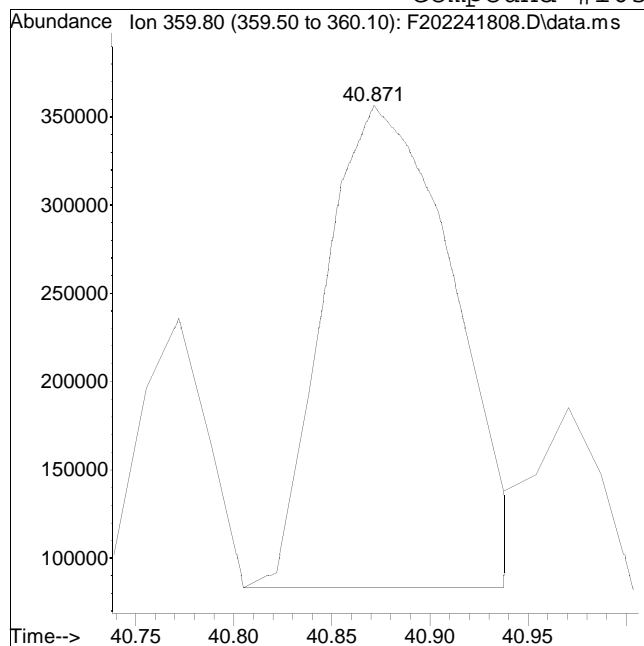
Manual Peak Response = 842849 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #163: Cl6-BZ#163/#160



Original Peak Response = 1259648

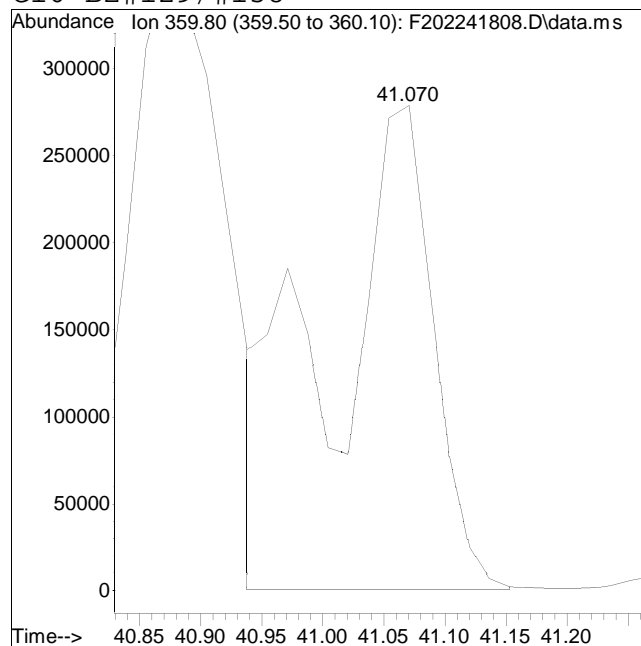
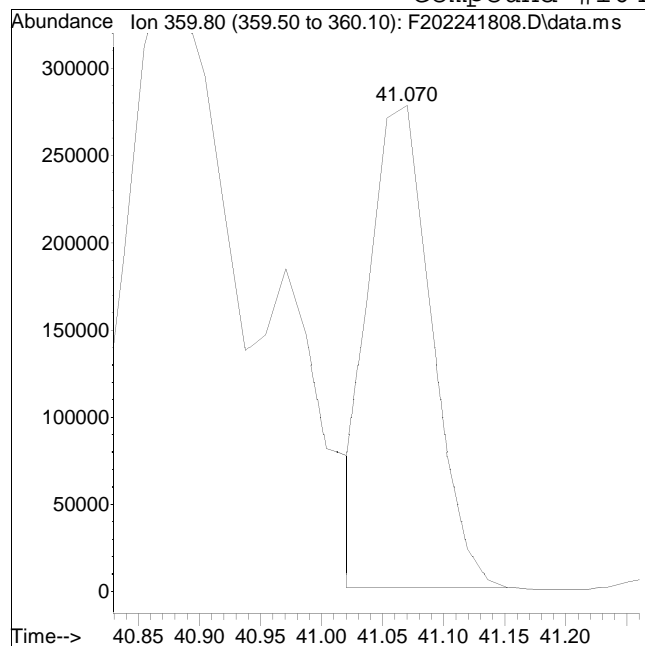
Manual Peak Response = 1922496 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #164: Cl6-BZ#129/#158



Original Peak Response = 978043

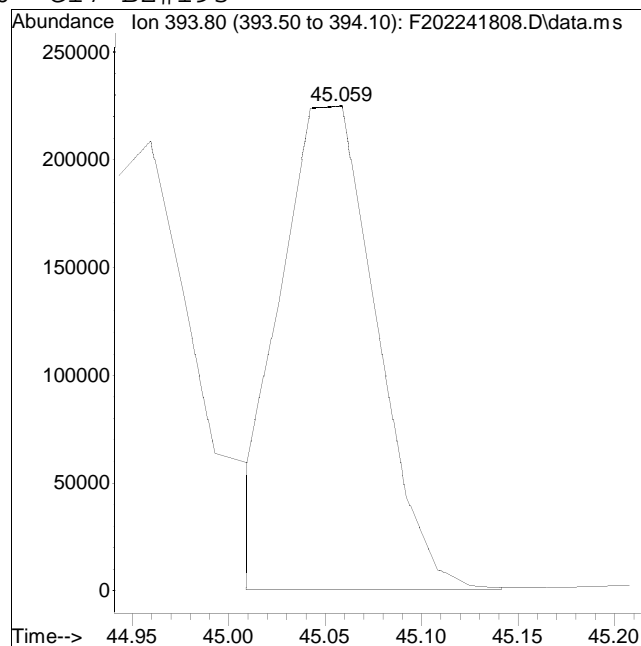
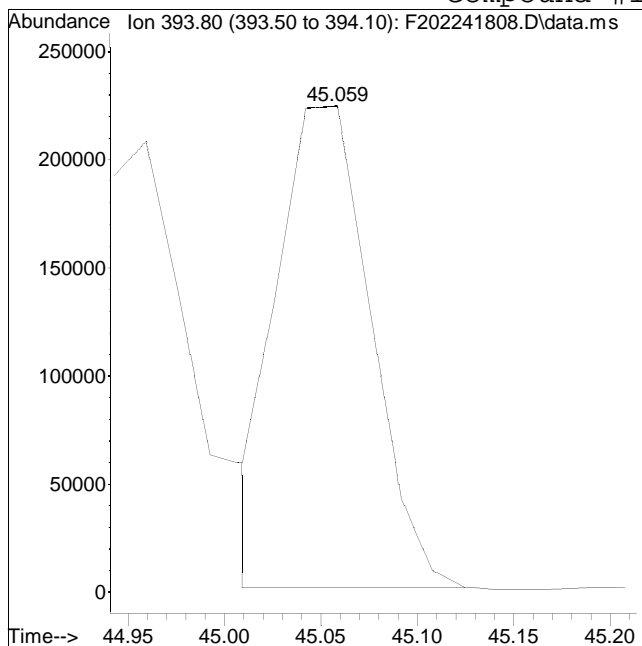
Manual Peak Response = 1629987 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241808.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 5:39 pm Instrument : BNA2
Sample : I202241807 Quant Date : 2/25/2018 10:51 am

Compound #190: C17-BZ#193



Original Peak Response = 746871

Manual Peak Response = 762957 M4

M4 = Poor automated baseline construction.

Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241809.D
 Acq On : 24 Feb 2018 6:53 pm
 Operator : BNA2:JT
 Sample : CQ202241801
 Misc : wgl092764,MSAS56,50ug/l
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 26 16:07:22 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
 Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 i	C12-BZ#15-C13	1.000	1.000	0.0	95	0.00
2 s	C13-BZ#19-C13 (surr)	0.352	0.356	-1.1	96	0.00
3 A1	C11-BZ#1-Cal/RTW	0.922	0.953	-3.4	98	0.00
4 A2	Monochlorobiphenyls	0.922	0.000#	100.0#	0#	-14.59#
5 A2	C11- conf Ion	0.922	0.000#	100.0#	0#	-14.59#
6 T	C11-BZ#2	0.970	0.998	-2.9	98	0.00
7 T	C11-BZ#3-RTW	0.952	0.988	-3.8	98	0.00
8 T	C12-BZ#4/#10-RTW	0.557	0.587	-5.4	99	0.00
9 T	C12-BZ#9	0.716	0.746	-4.2	98	0.00
10 T	C12-BZ#7	0.698	0.712	-2.0	95	0.00
11 T	C12-BZ#6	0.768	0.796	-3.6	98	0.00
12 T	C12-BZ#5	0.698	0.757	-8.5	103	0.00
13 A1	C12-BZ#8	0.794	0.825	-3.9	98	0.00
14 A2	Dichlorobiphenyls	0.794	0.000#	100.0#	0#	-17.55#
15 A2	C12-Conf Ion	0.794	0.000#	100.0#	0#	-17.55#
16 T	C13-BZ#19-RTW	0.392	0.404	-3.1	98	0.00
17 T	C12-BZ#14	0.766	0.790	-3.1	97	0.00
18 T	C13-BZ#30	0.626	0.650	-3.8	98	0.00
19 T	C13-BZ#18	0.436	0.441	-1.1	97	0.00
20 T	C12-BZ#11	0.822	0.860	-4.6	97	0.00
21 T	C13-BZ#17	0.406	0.411	-1.2	96	0.00
22 T	C12-BZ#12	0.727	0.759	-4.4	97	0.00
23 T	C13-BZ#27	0.562	0.588	-4.6	97	0.00
24 T	C12-BZ#13	0.838	0.862	-2.9	96	0.00
25 T	C13-BZ#24	0.577	0.581	-0.7	94	0.00
26 T	C13-BZ#16	0.354	0.362	-2.3	97	0.00
27 T	C13-BZ#32	0.620	0.631	-1.8	97	0.00
28 T	C12-BZ#15-RTW	0.849	0.862	-1.5	97	0.00
29 T	C13-BZ#34	0.579	0.602	-4.0	97	0.00
30 T	C13-BZ#23	0.569	0.597	-4.9	97	0.00
31 T	C14-BZ#54-RTW	0.530	0.553	-4.3	97	0.00
32 A1	C13-BZ#29-Cal	0.574	0.596	-3.8	97	0.00
33 A2	Trichlorobiphenyls	0.574	0.000#	100.0#	0#	-26.21#
34 A2	C13- Conf Ion	0.574	0.000#	100.0#	0#	-26.21#
35 A1	C14-BZ#50-Cal	0.443	0.460	-3.8	98	0.00
36 A2	Tetrachlorobiphenyls	0.443	0.000#	100.0#	0#	-28.37#
37 A2	C14-Conf Ion	0.443	0.000#	100.0#	0#	-28.36#
38 T	C13-BZ#26	0.644	0.630	2.2	93	0.00
39 T	C13-BZ#25	0.627	0.646	-3.0	97	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241809.D
 Acq On : 24 Feb 2018 6:53 pm
 Operator : BNA2:JT
 Sample : CQ202241801
 Misc : wgl092764,MSAS56,50ug/l
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 26 16:07:22 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
 Max. RRF Dev : 30% Max. Rel. Area : 200%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
40 T C14-BZ#53	0.489	0.500	-2.2	97	-0.02
41 T C13-BZ#-31	0.866	0.825	4.7	90	0.00
42 T C13-BZ#28	0.853	0.819	4.0	90	0.00
43 T C13-BZ#33	0.608	0.668	-9.9	98	0.00
44 T C13-BZ#21/#20	0.770	0.800	-3.9	95	-0.02
45 T C14-BZ#51	0.539	0.567	-5.2	96	0.00
46 T C14-BZ#45	0.421	0.425	-1.0	94	0.00
47 T C13-BZ#22	0.750	0.784	-4.5	96	0.00
48 T C14-BZ#73/#46	0.563	0.588	-4.4	95	-0.02
49 T C14-BZ#69	0.673	0.711	-5.6	98	0.00
50 T C14-BZ#43	0.444	0.452	-1.8	96	-0.02
51 T C13-BZ#36	0.835	0.898	-7.5	98	-0.02
52 T C14-BZ#52	0.547	0.557	-1.8	96	0.00
53 T C14-BZ#48	0.486	0.497	-2.3	94	0.00
54 T C14-BZ#49	0.523	0.532	-1.7	96	0.00
55 T C15-BZ#104-RTW	0.540	0.561	-3.9	97	0.00
56 T C14-BZ#47	0.564	0.551	2.3	99	0.00
57 T C14-BZ#65/#75/#62	0.662	0.713	-7.7	96	0.00
58 T C13-BZ#39	0.769	0.817	-6.2	99	0.00
59 T C13-BZ#38	0.742	0.785	-5.8	96	0.00
60 T C14-BZ#44	0.455	0.470	-3.3	97	0.00
61 T C14-BZ#59	0.667	0.680	-1.9	97	-0.02
62 T C14-BZ#42	0.432	0.455	-5.3	95	0.00
63 T C14-BZ#71	0.701	0.732	-4.4	98	0.00
64 T C13-BZ#35	0.776	0.802	-3.4	95	0.00
65 T C14-BZ#41	0.426	0.435	-2.1	94	0.00
66 T C14-BZ#72	0.733	0.773	-5.5	95	0.00
67 T C15-BZ#96	0.584	0.614	-5.1	96	-0.02
68 T C15-BZ#103	0.451	0.435	3.5	88	0.00
69 T C14-BZ#68/#64	0.679	0.729	-7.4	97	0.00
70 T C14-BZ#40	0.331	0.348	-5.1	97	0.00
71 T C13-BZ#37-RTW	1.031	1.024	0.7	91	0.00
72 T C15-BZ#100	0.486	0.509	-4.7	96	0.00
73 T C15-BZ#94	0.359	0.372	-3.6	93	0.00
74 T C14-BZ#57	0.730	0.788	-7.9	97	0.00
75 T C14-BZ#67/#58	0.735	0.782	-6.4	97	0.00
76 T C15-BZ#102	0.517	0.547	-5.8	97	0.00
77 T C14-BZ#61	0.723	0.764	-5.7	97	-0.02
78 T C15-BZ#98	0.473	0.499	-5.5	96	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241809.D
 Acq On : 24 Feb 2018 6:53 pm
 Operator : BNA2:JT
 Sample : CQ202241801
 Misc : wgl092764,MSAS56,50ug/l
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 26 16:07:22 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
 Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
79 T	C14-BZ#76	0.764	0.828	-8.4	98	0.00
80 T	C15-BZ#93	0.382	0.403	-5.5	96	-0.02
81 T	C14-BZ#63	0.686	0.718	-4.7	96	0.00
82 T	C15-BZ#121/#95/#88	0.507	0.534	-5.3	95	-0.02
83 T	C14-BZ#74	0.759	0.799	-5.3	97	0.00
84 T	C16-BZ#155-RTW	0.562	0.576	-2.5	95	0.00
85 T	C14-BZ#70	0.781	0.911	-16.6	107	-0.02
86 T	C14-BZ#66	0.707	0.745	-5.4	96	0.00
87 T	C15-BZ#91	0.447	0.462	-3.4	97	0.00
88 T	C14-BZ#80	0.741	0.779	-5.1	97	0.00
89 T	C14-BZ#55	0.756	0.795	-5.2	97	-0.02
90 T	C15-BZ#92	0.436	0.456	-4.6	96	-0.02
91 T	C15-BZ#89/#84	0.418	0.486	-16.3	107	0.00
92 T	C15-BZ#101/#90	0.481	0.482	-0.2	91	-0.02
93 s	C15-BZ#101-C13 (surr)	0.514	0.563	-9.5	99	0.00
94 T	C14-BZ#56	0.748	0.795	-6.3	97	0.00
95 T	C15-BZ#113	0.566	0.628	-11.0	103	0.00
96 T	C15-BZ#99	0.543	0.559	-2.9	96	0.00
97 T	C16-BZ#150	0.602	0.629	-4.5	96	0.00
98 T	C14-BZ#60	0.800	0.889	-11.1	102	0.00
99 T	C16-BZ#152	0.646	0.682	-5.6	97	0.00
100 T	C15-BZ#119	0.658	0.721	-9.6	100	-0.02
101 T	C15-BZ#83/#125/#112	0.548	0.575	-4.9	96	0.00
102 T	C15-BZ#86/#109	0.545	0.553	-1.5	95	0.00
103 T	C15-BZ#97	0.406	0.439	-8.1	96	0.00
104 T	C15-BZ#116	0.560	0.587	-4.8	96	0.00
105 A1	C15-BZ#87/#111	0.548	0.582	-6.2	97	0.00
106 A2	Pentachlorobiphenyls	0.548	0.000#	100.0#	0#	-34.26#
107 A2	C15-Conf Ion	0.548	0.000#	100.0#	0#	-37.65#
108 T	C16-BZ#145	0.667	0.692	-3.7	96	0.00
109 T	C16-BZ#148	0.456	0.475	-4.2	96	0.00
110 T	C14-BZ#79	0.736	0.771	-4.8	96	0.00
111 A1	C16-BZ#154-Cal	0.527	0.547	-3.8	96	0.00
112 A2	Hexachlorobiphenyls	0.527	0.000#	100.0#	0#	-37.12#
113 A2	C16-Conf Ion	0.527	0.000#	100.0#	0#	-37.12#
114 T	C14-BZ#78	0.912	0.958	-5.0	95	0.00
115 T	C16-BZ#136	0.584	0.606	-3.8	95	0.00
116 T	C15-BZ#117	0.693	0.744	-7.4	97	0.00
117 T	C15-BZ#115	0.687	0.670	2.5	90	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241809.D
 Acq On : 24 Feb 2018 6:53 pm
 Operator : BNA2:JT
 Sample : CQ202241801
 Misc : wgl092764,MSAS56,50ug/l
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 26 16:07:22 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
 Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
118 T	C15-BZ#85	0.429	0.418	2.6	93	-0.02
119 T	C15-BZ#120	0.671	0.705	-5.1	97	0.00
120 T	C15-BZ#110	0.648	0.658	-1.5	95	0.00
121 T	C14-BZ#81	0.739	0.767	-3.8	96	-0.02
122 i	C17-BZ#180-C13	1.000	1.000	0.0	95	0.00
123 T	C16-BZ#151	0.855	0.881	-3.0	97	0.00
124 T	C16-BZ#135	0.902	0.912	-1.1	92	0.00
125 T	C15-BZ#82	0.771	0.814	-5.6	97	0.00
126 T	C16-BZ#144	0.879	0.930	-5.8	98	0.00
127 T	C16-BZ#147/#149	0.939	0.952	-1.4	95	0.00
128 T	C14-BZ#77-RTW	1.283	1.313	-2.3	95	0.00
129 T	C16-BZ#143/#139	0.902	0.959	-6.3	97	0.00
130 T	C15-BZ#124	1.213	1.270	-4.7	96	0.00
131 T	C15-BZ#108	1.232	1.351	-9.7	98	0.00
132 T	C15-BZ#107/#123	1.314	1.326	-0.9	94	0.00
133 T	C16-BZ#140	0.872	0.901	-3.3	96	0.00
134 A1	C17-BZ#188-Cal/RTW	1.025	1.088	-6.1	97	0.00
135 A2	Heptachlorobiphenyls	1.025	0.000#	100.0#	0#	-41.10#
136 A2	C17-Conf Ion	1.025	0.000#	100.0#	0#	-41.10#
137 T	C16-BZ#134	0.743	0.807	-8.6	98	0.00
138 T	C15-BZ#106	1.194	1.346	-12.7	96	-0.02
139 T	C16-BZ#133	1.011	1.115	-10.3	98	0.00
140 T	C16-BZ#142	0.680	0.650	4.4	96	0.00
141 T	C15-BZ#118	1.159	1.215	-4.8	97	0.00
142 T	C16-BZ#131	0.783	0.766	2.2	91	0.00
143 T	C17-BZ#184	1.013	1.062	-4.8	98	0.00
144 T	C16-BZ#165	1.102	1.162	-5.4	97	-0.02
145 T	C16-BZ#146	0.964	0.985	-2.2	96	0.00
146 T	C16-BZ#161	1.227	1.293	-5.4	97	-0.02
147 T	C15-BZ#122	1.068	1.103	-3.3	95	-0.02
148 T	C16-BZ#168	1.179	1.294	-9.8	99	0.00
149 T	C15-BZ#114	1.173	1.238	-5.5	97	0.00
150 T	C16-BZ#153	1.050	1.022	2.7	94	0.00
151 s	C16-BZ#153-C13 (surr)	0.919	1.047	-13.9	105	0.00
152 T	C16-BZ#132	0.842	0.870	-3.3	97	0.00
153 T	C17-BZ#179	1.046	1.081	-3.3	97	0.00
154 T	C16-BZ#141	0.843	0.830	1.5	92	0.00
155 T	C17-BZ#176	0.994	1.007	-1.3	96	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241809.D
 Acq On : 24 Feb 2018 6:53 pm
 Operator : BNA2:JT
 Sample : CQ202241801
 Misc : wgl092764,MSAS56,50ug/l
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 26 16:07:22 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
 Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
156 T	C15-BZ#105	1.435	1.440	-0.3	96	0.00
157 T	C16-BZ#137	0.864	0.914	-5.8	97	0.00
158 T	C15-BZ#127	1.574	1.604	-1.9	96	0.00
159 T	C17-BZ#186	1.106	1.157	-4.6	96	0.00
160 T	C16-BZ#130/#164	1.008	1.028	-2.0	94	-0.02
161 T	C17-BZ#178	0.758	0.774	-2.1	95	-0.02
162 T	C16-BZ#138	1.024	1.068	-4.3	98	-0.02
163 T	C16-BZ#163/#160	1.158	1.224	-5.7	96	-0.02
164 T	C16-BZ#129/#158	0.966	0.980	-1.4	96	-0.02
165 T	C17-BZ#182/#175	0.867	0.924	-6.6	97	0.00
166 T	C17-BZ#187	0.888	0.902	-1.6	95	0.00
167 T	C17-BZ#183	0.854	0.833	2.5	91	0.00
168 T	C16-BZ#166	1.258	1.309	-4.1	97	0.00
169 T	C16-BZ#159	1.258	1.303	-3.6	97	0.00
170 T	C15-BZ#126-RTW	1.539	1.595	-3.6	96	0.00
171 T	C17-BZ#185	0.794	0.812	-2.3	97	0.00
172 T	C16-BZ#162	1.166	1.272	-9.1	101	0.00
173 T	C17-BZ#174	0.788	0.821	-4.2	97	0.00
174 T	C16-BZ#128	0.862	0.899	-4.3	97	-0.02
175 T	C16-BZ#167	1.547	1.591	-2.8	96	0.00
176 T	C18-BZ#202-RTW	0.892	0.937	-5.0	97	0.00
177 s	C18-BZ#202-C13 (surr)	0.942	0.928	1.5	93	0.00
178 T	C17-BZ#181	0.886	0.933	-5.3	96	0.00
179 T	C17-BZ#177	0.769	0.789	-2.6	96	-0.02
180 A1	C18-BZ#204/#200-Cal	0.876	0.912	-4.1	97	0.00
181 A2	Octachlorobiphenyls	0.876	0.000#	100.0#	0#	-43.58#
182 A2	C18-Conf Ion	0.876	0.000#	100.0#	0#	-43.58#
183 T	C17-BZ#171	0.753	0.714	5.2	89	0.00
184 T	C17-BZ#173	0.742	0.757	-2.0	96	0.00
185 T	C17-BZ#172	0.797	0.808	-1.4	97	0.00
186 T	C17-BZ#192	1.092	1.128	-3.3	96	0.00
187 T	C16-BZ#156	1.206	1.236	-2.5	97	0.00
188 T	C16-BZ#157	1.246	1.269	-1.8	96	0.00
189 T	C17-BZ#180	0.970	0.988	-1.9	97	0.00
190 T	C17-BZ#193	0.998	1.263	-26.6	117	0.00
191 T	C18-BZ#197	0.894	0.918	-2.7	96	0.00
192 T	C17-BZ#191	1.037	1.067	-2.9	97	0.00
193 T	C18-BZ#199	0.889	0.901	-1.3	96	0.00
194 T	C18-BZ#198	0.754	0.721	4.4	97	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241809.D
 Acq On : 24 Feb 2018 6:53 pm
 Operator : BNA2:JT
 Sample : CQ202241801
 Misc : wgl092764,MSAS56,50ug/l
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 26 16:07:22 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
 Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
195 T	C18-BZ#201	0.651	0.714	-9.7	96	0.00
196 T	C17-BZ#170	0.751	0.727	3.2	92	0.00
197 T	C17-BZ#190	1.093	1.136	-3.9	97	0.00
198 T	C18-BZ#196	0.706	0.750	-6.2	99	0.00
199 T	C18-BZ#203	0.763	0.773	-1.3	95	0.00
200 T	C16-BZ#169-RTW	1.332	1.346	-1.1	96	0.00
201 T	C19-BZ#208-RTW	0.943	0.933	1.1	97	-0.02
202 T	C19-BZ#207	0.921	0.955	-3.7	97	-0.02
203 T	C17-BZ#189-RTW	0.995	1.014	-1.9	97	0.00
204 T	C18-BZ#195	0.694	0.698	-0.6	97	-0.02
205 T	C18-BZ#194	0.743	0.737	0.8	96	0.00
206 T	C18-BZ#205-RTW	0.910	0.895	1.6	96	0.00
207 A1	C19-BZ#206-Cal/RTW	0.759	0.748	1.4	95	0.00
208 A2	Nonachlorobiphenyls	0.759	0.000#	100.0#	0#	-49.49#
209 A2	C19-Conf Ion	0.759	0.000#	100.0#	0#	-49.49#
210 A1	C110-BZ#209-Cal/RTW	0.753	0.772	-2.5	98	-0.02
211 A2	Decachlorobiphenyl	0.753	0.000#	100.0#	0#	-56.42#
212 A2	C110-Conf Ion	0.753	0.000#	100.0#	0#	-56.40#

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241809.D
 Acq On : 24 Feb 2018 6:53 pm
 Operator : BNA2:JT
 Sample : CQ202241801
 Misc : wgl092764,MSAS56,50ug/l
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 26 16:07:22 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.904	234	547973	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.926	406	294698	200.000	ng/mL	0.00	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.993	268	48820	50.664	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	50.66%			
93) C15-BZ#101-C13 (surr)	33.241	338	77091	54.735	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	54.73%			
151) C16-BZ#153-C13 (surr)	38.786	372	77122	56.938	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	56.94%			
177) C18-BZ#202-C13 (surr)	42.990	442	68349	49.246	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	49.25%#			
Target Compounds							
3) C11-BZ#1-Cal/RTW	14.584	188	130603	51.716	ng/mL	99	Qvalue
4) Monochlorobiphenyls	0.000		0	N.D.	d		
5) C11- conf Ion	0.000		0	N.D.	d		
6) C11-BZ#2	16.658	188	136776	51.475	ng/mL	100	
7) C11-BZ#3-RTW	17.133	188	135284	51.858	ng/mL	99	
8) C12-BZ#4/#10-RTW	17.551	222	160878	105.455	ng/mL	99	
9) C12-BZ#9	19.111	222	102134	52.057	ng/mL	99	
10) C12-BZ#7	19.208	222	97521	51.012	ng/mL	100	
11) C12-BZ#6	19.634	222	109010	51.787	ng/mL	99	
12) C12-BZ#5	20.076	222	103755	54.254	ng/mL	100	
13) C12-BZ#8	20.229	222	113083	52.005	ng/mL	99	
14) Dichlorobiphenyls	0.000		0	N.D.	d		
15) C12-Conf Ion	0.000		0	N.D.	d		
16) C13-BZ#19-RTW	21.009	256	55322	51.507	ng/mL	99	
17) C12-BZ#14	21.146	222	108216	51.564	ng/mL	97	
18) C13-BZ#30	21.564	256	89055	51.948	ng/mL	99	
19) C13-BZ#18	22.376	256	60469	50.677	ng/mL	98	
20) C12-BZ#11	22.505	222	117765	52.285	ng/mL	98	
21) C13-BZ#17	22.585	256	56257	50.634	ng/mL	99	
22) C12-BZ#12	22.899	222	103985	52.189	ng/mL	98	
23) C13-BZ#27	22.947	256	80500	52.311	ng/mL	99	
24) C12-BZ#13	23.196	222	118113	51.450	ng/mL	99	
25) C13-BZ#24	23.212	256	79581	50.304	ng/mL	98	
26) C13-BZ#16	23.558	256	49581	51.073	ng/mL	97	
27) C13-BZ#32	23.759	256	86453	50.891	ng/mL	97	
28) C12-BZ#15-RTW	23.928	222	118100	50.770	ng/mL	99	

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241809.D
 Acq On : 24 Feb 2018 6:53 pm
 Operator : BNA2:JT
 Sample : CQ202241801
 Misc : wgl092764,MSAS56,50ug/l
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 26 16:07:22 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) C13-BZ#34	24.153	256	82425	51.917	ng/mL	100
30) C13-BZ#23	24.338	256	81771	52.485	ng/mL	99
31) C14-BZ#54-RTW	24.346	292	75777	52.174	ng/mL	99
32) C13-BZ#29-Cal	24.563	256	81617	51.891	ng/mL	99
33) Trichlorobiphenyls	0.000		0	N.D.	d	
34) C13- Conf Ion	0.000		0	N.D.	d	
35) C14-BZ#50-Cal	25.070	292	63079	51.982	ng/mL	98
36) Tetrachlorobiphenyls	0.000		0	N.D.	d	
37) C14-Conf Ion	0.000		0	N.D.	d	
38) C13-BZ#26	25.094	256	86336	48.939	ng/mL	100
39) C13-BZ#25	25.303	256	88490	51.524	ng/mL	99
40) C14-BZ#53	25.777	292	68520	51.186	ng/mL	99
41) C13-BZ#-31	25.876	256	113050M4	47.662	ng/mL	
42) C13-BZ#28	26.075	256	112221	48.031	ng/mL	98
43) C13-BZ#33	26.158	256	91503M4	54.941	ng/mL	
44) C13-BZ#21/#20	26.207	256	219299M3	103.968	ng/mL	
45) C14-BZ#51	26.207	292	77662	52.555	ng/mL	98
46) C14-BZ#45	26.770	292	58178	50.415	ng/mL	100
47) C13-BZ#22	27.002	256	107436	52.280	ng/mL	97
48) C14-BZ#73/#46	27.134	292	161017	104.407	ng/mL	100
49) C14-BZ#69	27.432	292	97385	52.844	ng/mL	99
50) C14-BZ#43	27.515	292	61953	50.903	ng/mL	97
51) C13-BZ#36	27.548	256	122978	53.786	ng/mL	99
52) C14-BZ#52	27.664	292	76266	50.895	ng/mL	99
53) C14-BZ#48	27.829	292	68075	51.127	ng/mL	98
54) C14-BZ#49	27.978	292	72817	50.841	ng/mL	99
55) C15-BZ#104-RTW	28.193	326	76919	52.013	ng/mL	97
56) C14-BZ#47	28.276	292	75437M3	48.842	ng/mL	
57) C14-BZ#65/#75/#62	28.375	292	293219M3	161.589	ng/mL	
58) C13-BZ#39	28.425	256	111872	53.087	ng/mL	99
59) C13-BZ#38	28.541	256	107526	52.907	ng/mL	98
60) C14-BZ#44	28.938	292	64443	51.687	ng/mL	98
61) C14-BZ#59	29.153	292	93113	50.925	ng/mL	99
62) C14-BZ#42	29.253	292	62264	52.568	ng/mL	98
63) C14-BZ#71	29.484	292	100271	52.219	ng/mL	99
64) C13-BZ#35	29.600	256	109920	51.719	ng/mL	100
65) C14-BZ#41	29.716	292	59553	51.074	ng/mL	99
66) C14-BZ#72	29.832	292	105900	52.701	ng/mL	99
67) C15-BZ#96	29.849	326	84141	52.618	ng/mL	95
68) C15-BZ#103	29.981	326	59624	48.231	ng/mL	98
69) C14-BZ#68/#64	30.146	292	199681	107.311	ng/mL	99

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241809.D
 Acq On : 24 Feb 2018 6:53 pm
 Operator : BNA2:JT
 Sample : CQ202241801
 Misc : wgl092764,MSAS56,50ug/l
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 26 16:07:22 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) C14-BZ#40	30.262	292	47723	52.665	ng/mL	96
71) C13-BZ#37-RTW	30.477	256	140274	49.643	ng/mL	100
72) C15-BZ#100	30.477	326	69674	52.303	ng/mL	99
73) C15-BZ#94	30.577	326	50997	51.854	ng/mL	100
74) C14-BZ#57	30.676	292	107931M4	53.974	ng/mL	
75) C14-BZ#67/#58	31.007	292	214309	106.486	ng/mL	99
76) C15-BZ#102	31.057	326	74988	52.959	ng/mL	99
77) C14-BZ#61	31.355	292	104646	52.794	ng/mL	99
78) C15-BZ#98	31.388	326	68366	52.702	ng/mL	99
79) C14-BZ#76	31.520	292	113401	54.139	ng/mL	99
80) C15-BZ#93	31.504	326	55141	52.694	ng/mL	100
81) C14-BZ#63	31.619	292	98379M4	52.352	ng/mL	
82) C15-BZ#121/#95/#88	31.669	326	219261	157.881	ng/mL	100
83) C14-BZ#74	31.884	292	109476	52.668	ng/mL	99
84) C16-BZ#155-RTW	32.033	360	78947	51.280	ng/mL	99
85) C14-BZ#70	32.050	292	124745	58.269	ng/mL	97
86) C14-BZ#66	32.348	292	102064	52.662	ng/mL	99
87) C15-BZ#91	32.215	326	63342	51.743	ng/mL	99
88) C14-BZ#80	32.612	292	106752	52.605	ng/mL	98
89) C14-BZ#55	32.795	292	108962	52.584	ng/mL	99
90) C15-BZ#92	32.844	326	62472	52.313	ng/mL	97
91) C15-BZ#89/#84	33.142	326	133110	116.314	ng/mL	98
92) C15-BZ#101/#90	33.258	326	131956M4	100.089	ng/mL	
94) C14-BZ#56	33.258	292	108921	53.132	ng/mL	100
95) C15-BZ#113	33.357	326	86045	55.521	ng/mL	98
96) C15-BZ#99	33.622	326	76638	51.477	ng/mL	99
97) C16-BZ#150	33.688	360	86192	52.216	ng/mL	98
98) C14-BZ#60	33.688	292	121786	55.596	ng/mL	98
99) C16-BZ#152	34.052	360	93402	52.779	ng/mL	99
100) C15-BZ#119	34.119	326	98769	54.772	ng/mL	97
101) C15-BZ#83/#125/#112	34.284	326	236194M4	157.397	ng/mL	
102) C15-BZ#86/#109	34.450	326	151528M1	101.563	ng/mL	
103) C15-BZ#97	34.565	326	60159	54.088	ng/mL	98
104) C15-BZ#116	35.012	326	80367	52.360	ng/mL	99
105) C15-BZ#87/#111	35.310	326	159395M1	106.230	ng/mL	
106) Pentachlorobiphenyls	0.000		0	N.D.	d	
107) C15-Conf Ion	0.000		0	N.D.	d	
108) C16-BZ#145	34.499	360	94792	51.885	ng/mL	99
109) C16-BZ#148	34.698	360	65023	52.093	ng/mL	99
110) C14-BZ#79	34.814	292	105647	52.356	ng/mL	100
111) C16-BZ#154-Cal	35.227	360	74984	51.979	ng/mL	100

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241809.D
 Acq On : 24 Feb 2018 6:53 pm
 Operator : BNA2:JT
 Sample : CQ202241801
 Misc : wgl092764,MSAS56,50ug/l
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 26 16:07:22 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112) Hexachlorobiphenyls	0.000		0		N.D.	d
113) Cl6-Conf Ion	0.000		0		N.D.	d
114) Cl4-BZ#78	35.277	292	131204M4	52.530	ng/mL	
115) Cl6-BZ#136	35.360	360	82986	51.891	ng/mL	98
116) Cl5-BZ#117	35.410	326	101903M4	53.660	ng/mL	
117) Cl5-BZ#115	35.492	326	91771M4	48.765	ng/mL	
118) Cl5-BZ#85	35.575	326	57272	48.724	ng/mL	100
119) Cl5-BZ#120	35.724	326	96547	52.482	ng/mL	100
120) Cl5-BZ#110	35.873	326	90189	50.793	ng/mL	99
121) Cl4-BZ#81	36.237	292	105059	51.863	ng/mL	99
123) Cl6-BZ#151	36.254	360	64934	51.542	ng/mL	98
124) Cl6-BZ#135	36.386	360	67183	50.556	ng/mL	99
125) Cl5-BZ#82	36.568	326	59951	52.741	ng/mL	99
126) Cl6-BZ#144	36.601	360	68501	52.875	ng/mL	98
127) Cl6-BZ#147/#149	36.899	360	140274	101.412	ng/mL	98
128) Cl4-BZ#77-RTW	37.015	292	96757M4	51.187	ng/mL	
129) Cl6-BZ#143/#139	37.147	360	141320	106.310	ng/mL	99
130) Cl5-BZ#124	37.296	326	93564	52.351	ng/mL	99
131) Cl5-BZ#108	37.578	326	99524	54.820	ng/mL	99
132) Cl5-BZ#107/#123	37.660	326	195342M4	100.920	ng/mL	
133) Cl6-BZ#140	37.313	360	66366	51.658	ng/mL	100
134) Cl7-BZ#188-Cal/RTW	37.677	394	80130	53.038	ng/mL	100
135) Heptachlorobiphenyls	0.000		0		N.D.	d
136) Cl7-Conf Ion	0.000		0		N.D.	d
137) Cl6-BZ#134	37.760	360	59471	54.314	ng/mL	96
138) Cl5-BZ#106	37.793	326	99132M4	56.325	ng/mL	
139) Cl6-BZ#133	37.876	360	82181M3	55.144	ng/mL	
140) Cl6-BZ#142	37.925	360	47917M3	47.844	ng/mL	
141) Cl5-BZ#118	38.041	326	89516	52.401	ng/mL	97
142) Cl6-BZ#131	38.041	360	56463	48.934	ng/mL	100
143) Cl7-BZ#184	38.173	394	78229	52.394	ng/mL	98
144) Cl6-BZ#165	38.223	360	85639	52.754	ng/mL	97
145) Cl6-BZ#146	38.339	360	72578	51.071	ng/mL	98
146) Cl6-BZ#161	38.505	360	95255	52.686	ng/mL	100
147) Cl5-BZ#122	38.488	326	81289	51.651	ng/mL	100
148) Cl6-BZ#168	38.736	360	95325	54.869	ng/mL	99
149) Cl5-BZ#114	38.786	326	91193	52.766	ng/mL	99
150) Cl6-BZ#153	38.802	360	75273	48.664	ng/mL	98
152) Cl6-BZ#132	39.067	360	64093	51.631	ng/mL	98
153) Cl7-BZ#179	39.332	394	79606	51.642	ng/mL	100
154) Cl6-BZ#141	39.630	360	61129	49.222	ng/mL	99

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241809.D
 Acq On : 24 Feb 2018 6:53 pm
 Operator : BNA2:JT
 Sample : CQ202241801
 Misc : wgl092764,MSAS56,50ug/l
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 26 16:07:22 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
155) C17-BZ#176	39.829	394	74197	50.679	ng/mL	99
156) C15-BZ#105	39.895	326	106123M4	50.177	ng/mL	
157) C16-BZ#137	40.060	360	67362	52.919	ng/mL	98
158) C15-BZ#127	40.209	326	118148	50.927	ng/mL#	74
159) C17-BZ#186	40.143	394	85256	52.327	ng/mL	100
160) C16-BZ#130/#164	40.391	360	151459	101.998	ng/mL	98
161) C17-BZ#178	40.689	394	56997	51.051	ng/mL	98
162) C16-BZ#138	40.755	360	78659	52.111	ng/mL	97
163) C16-BZ#163/#160	40.855	360	180301M4	105.626	ng/mL	
164) C16-BZ#129/#158	41.053	360	144373M1	101.461	ng/mL	
165) C17-BZ#182/#175	41.086	394	136116	106.507	ng/mL	100
166) C17-BZ#187	41.268	394	66418	50.742	ng/mL	96
167) C17-BZ#183	41.666	394	61353	48.770	ng/mL	100
168) C16-BZ#166	42.030	360	96469	52.026	ng/mL	98
169) C16-BZ#159	42.278	360	95964	51.753	ng/mL	99
170) C15-BZ#126-RTW	42.493	326	117477	51.807	ng/mL	89
171) C17-BZ#185	42.526	394	59831	51.131	ng/mL	99
172) C16-BZ#162	42.609	360	93691M4	54.522	ng/mL	
173) C17-BZ#174	42.758	394	60470	52.049	ng/mL	99
174) C16-BZ#128	42.758	360	66225	52.110	ng/mL	100
175) C16-BZ#167	43.056	360	117180	51.390	ng/mL	93
176) C18-BZ#202-RTW	43.006	428	69058	52.528	ng/mL	99
178) C17-BZ#181	43.139	394	68757	52.641	ng/mL	98
179) C17-BZ#177	43.470	394	58147	51.345	ng/mL	100
180) C18-BZ#204/#200-Cal	43.569	428	134431	104.125	ng/mL	100
181) Octachlorobiphenyls	0.000		0	N.D.	d	
182) C18-Conf Ion	0.000		0	N.D.	d	
183) C17-BZ#171	43.784	394	52638	47.457	ng/mL	98
184) C17-BZ#173	43.999	394	55788	51.048	ng/mL	99
185) C17-BZ#172	44.446	394	59538	50.671	ng/mL	98
186) C17-BZ#192	44.661	394	83079	51.623	ng/mL	99
187) C16-BZ#156	44.661	360	91079	51.261	ng/mL	100
188) C16-BZ#157	44.910	360	93511	50.950	ng/mL	98
189) C17-BZ#180	44.959	394	72768	50.906	ng/mL	97
190) C17-BZ#193	45.042	394	93024M4	63.234	ng/mL	
191) C18-BZ#197	44.082	428	67608	51.304	ng/mL	98
192) C17-BZ#191	45.373	394	78610	51.460	ng/mL	97
193) C18-BZ#199	45.208	428	66413	50.717	ng/mL	99
194) C18-BZ#198	46.747	428	53143	47.819	ng/mL	99
195) C18-BZ#201	46.830	428	52607	54.848	ng/mL	97
196) C17-BZ#170	46.962	394	53559	48.393	ng/mL	96

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241809.D
 Acq On : 24 Feb 2018 6:53 pm
 Operator : BNA2:JT
 Sample : CQ202241801
 Misc : wgl092764,MSAS56,50ug/l
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 26 16:07:22 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
197) C17-BZ#190	47.293	394	83729	51.977	ng/mL	98
198) C18-BZ#196	47.293	428	55291	53.157	ng/mL	98
199) C18-BZ#203	47.376	428	56985	50.708	ng/mL	99
200) C16-BZ#169-RTW	47.657	360	99144	50.518	ng/mL	99
201) C19-BZ#208-RTW	48.799	464	68770	49.484	ng/mL	99
202) C19-BZ#207	49.478	464	70376	51.885	ng/mL	97
203) C17-BZ#189-RTW	49.660	394	74693	50.936	ng/mL	99
204) C18-BZ#195	49.792	428	51391	50.275	ng/mL	95
205) C18-BZ#194	51.480	428	54281	49.601	ng/mL	98
206) C18-BZ#205-RTW	52.076	428	65936	49.164	ng/mL	97
207) C19-BZ#206-Cal/RTW	54.112	464	55099	49.273	ng/mL	99
208) Nonachlorobiphenyls	0.000		0	N.D.	d	
209) C19-Conf Ion	0.000		0	N.D.	d	
210) C110-BZ#209-Cal/RTW	56.379	498	56904	51.307	ng/mL#	81
211) Decachlorobiphenyl	0.000		0	N.D.	d	
212) C110-Conf Ion	0.000		0	N.D.	d	

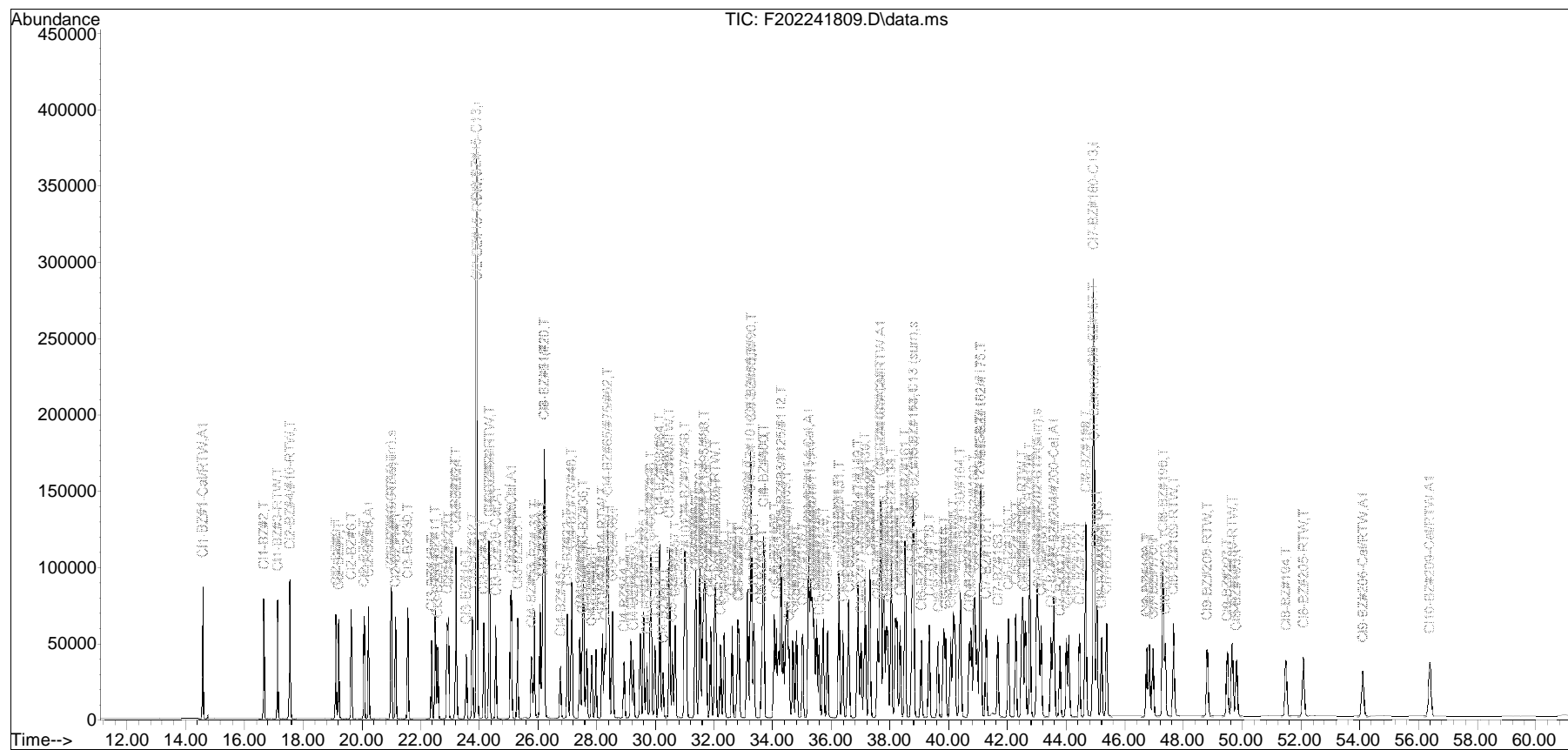
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Feb\Feb24\
 Data File : F202241809.D
 Acq On : 24 Feb 2018 6:53 pm
 Operator : BNA2:JT
 Sample : CQ202241801
 Misc : wg1092764,MSAS56,50ug/l
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 26 16:07:22 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Feb\Feb24\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

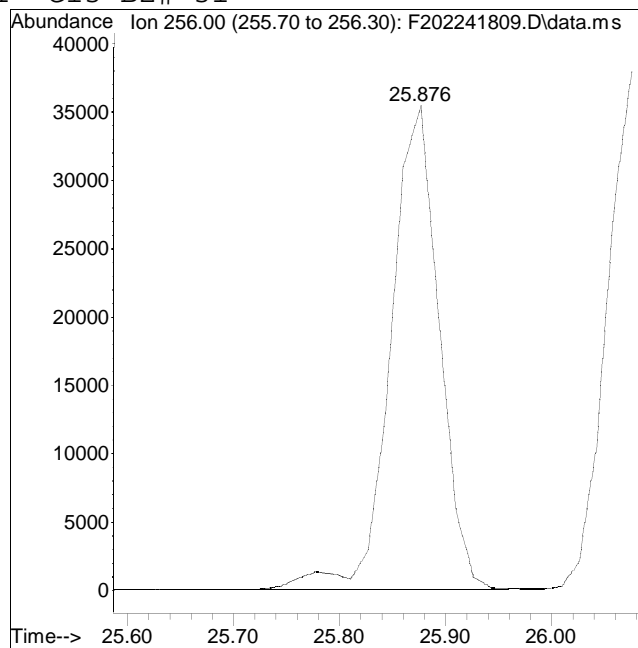
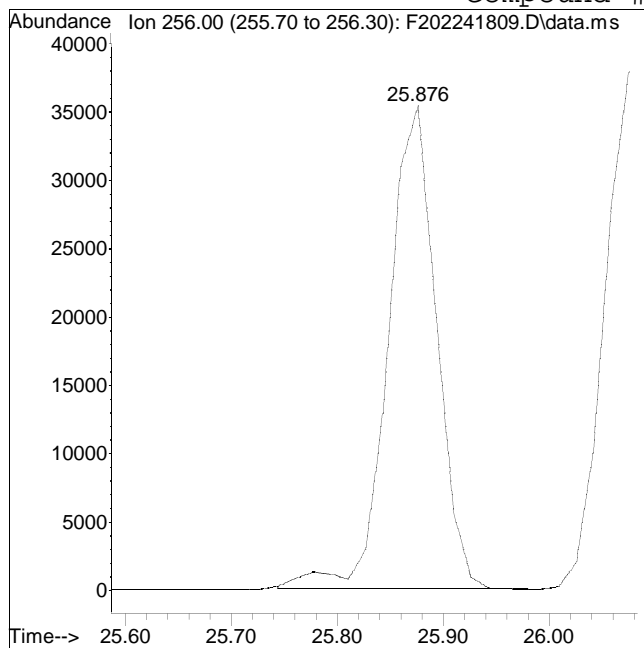
Sub List : Default - All compounds listed



Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241809.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 6:53 pm Instrument : BNA2
Sample : CQ202241801 Quant Date : 2/26/2018 4:07 pm

Compound #41: C13-BZ#-31



Original Peak Response = 111628

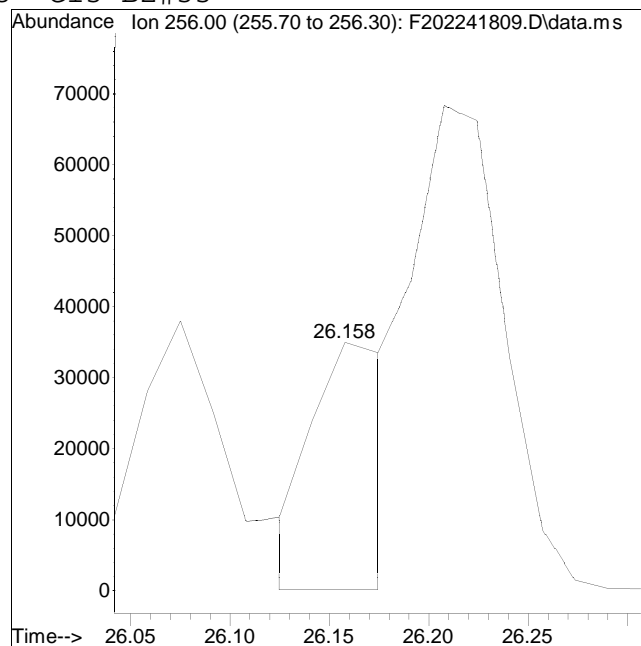
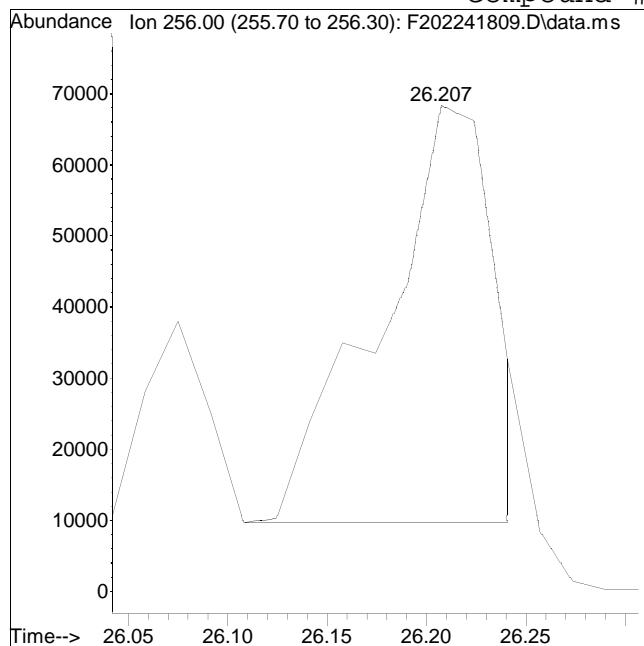
Manual Peak Response = 113050 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241809.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 6:53 pm Instrument : BNA2
Sample : CQ202241801 Quant Date : 2/26/2018 4:07 pm

Compound #43: Cl3-BZ#33



Original Peak Response = 234768

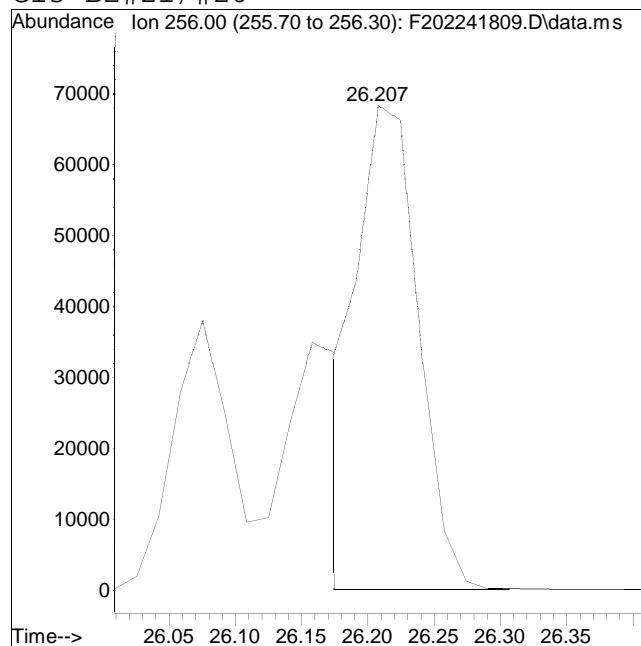
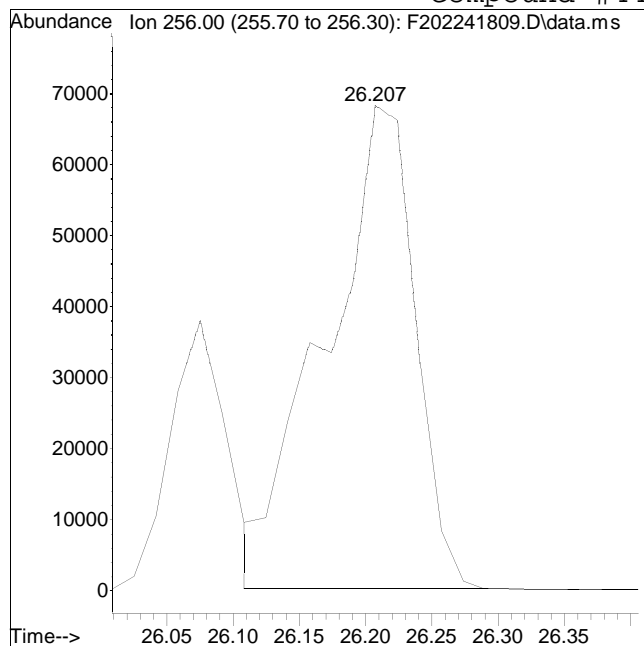
Manual Peak Response = 91503 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241809.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 6:53 pm Instrument : BNA2
Sample : CQ202241801 Quant Date : 2/26/2018 4:07 pm

Compound #44: C13-BZ#21/#20



Original Peak Response = 318626

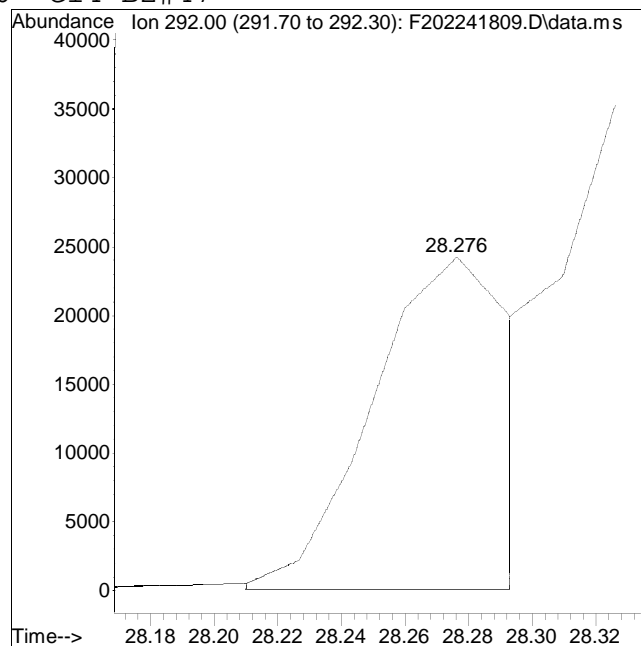
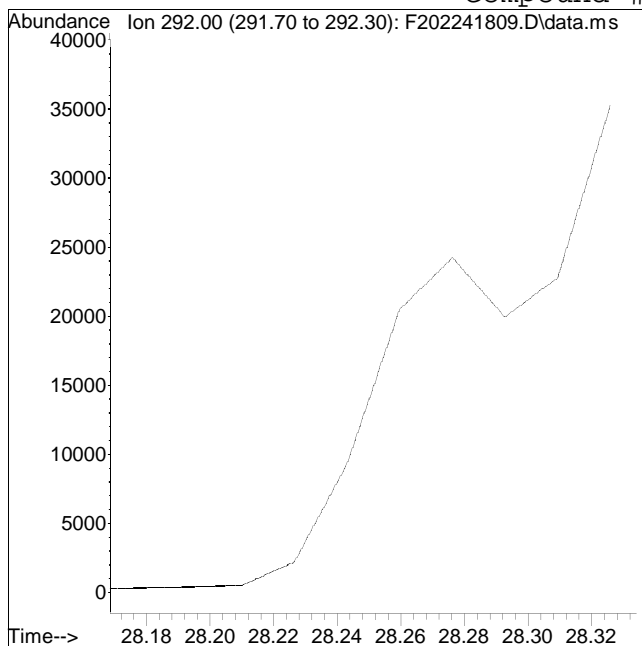
Manual Peak Response = 219299 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241809.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 6:53 pm Instrument : BNA2
Sample : CQ202241801 Quant Date : 2/26/2018 4:07 pm

Compound #56: Cl4-BZ#47



Original Peak Response = 0

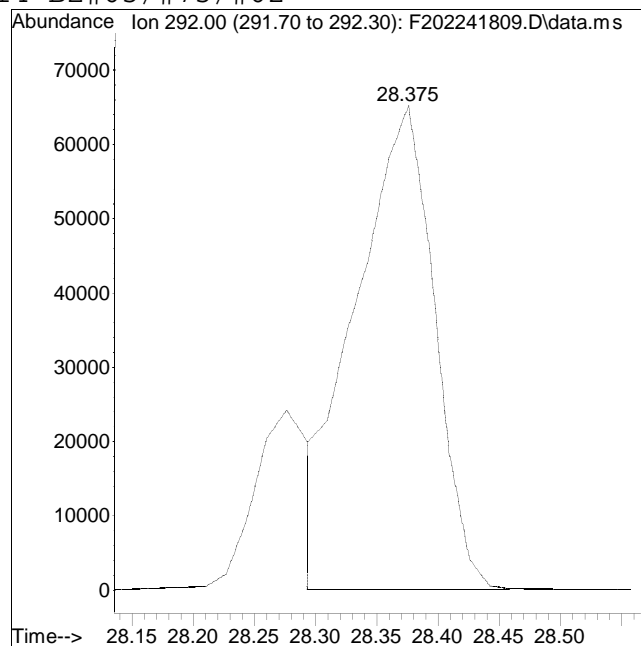
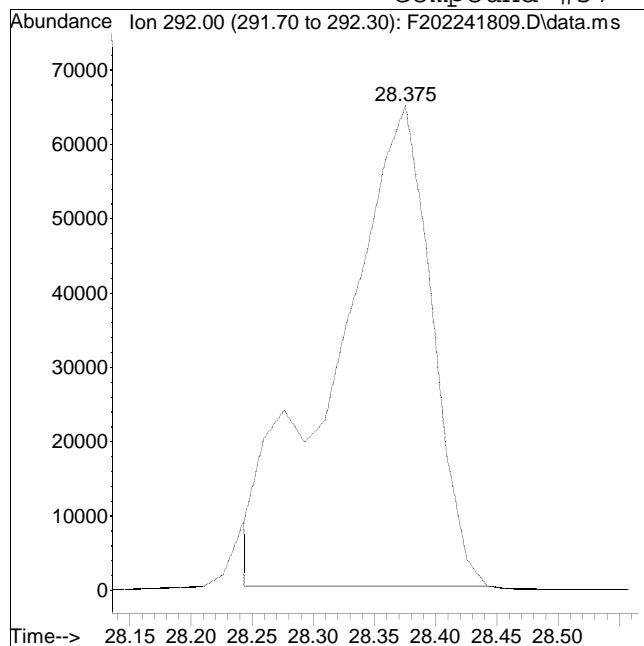
Manual Peak Response = 75437 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241809.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 6:53 pm Instrument : BNA2
Sample : CQ202241801 Quant Date : 2/26/2018 4:07 pm

Compound #57: C14-BZ#65/#75/#62



Original Peak Response = 350330

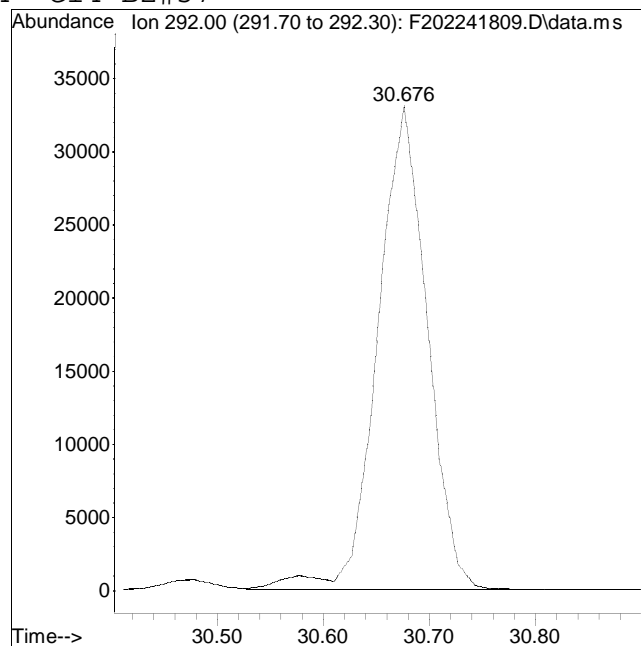
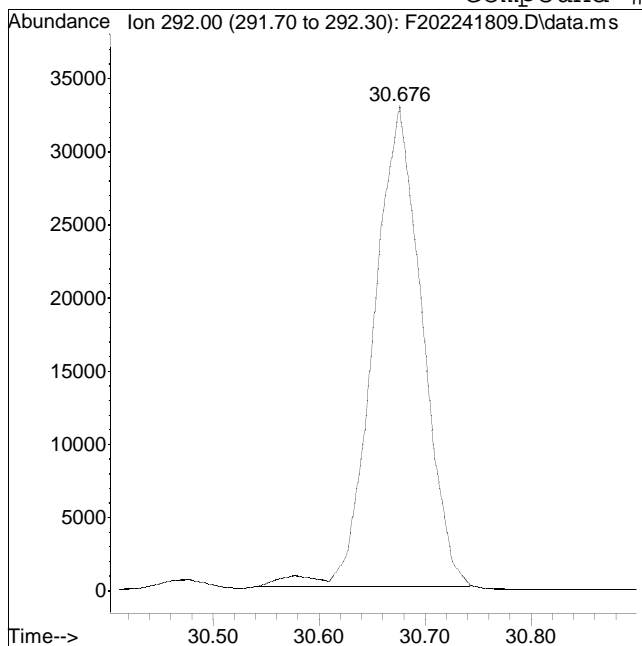
Manual Peak Response = 293219 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241809.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 6:53 pm Instrument : BNA2
Sample : CQ202241801 Quant Date : 2/26/2018 4:07 pm

Compound #74: Cl4-BZ#57



Original Peak Response = 104453

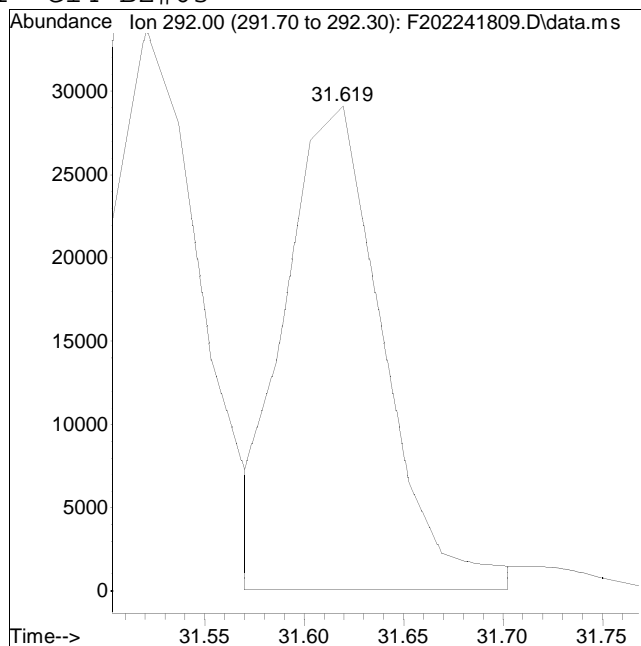
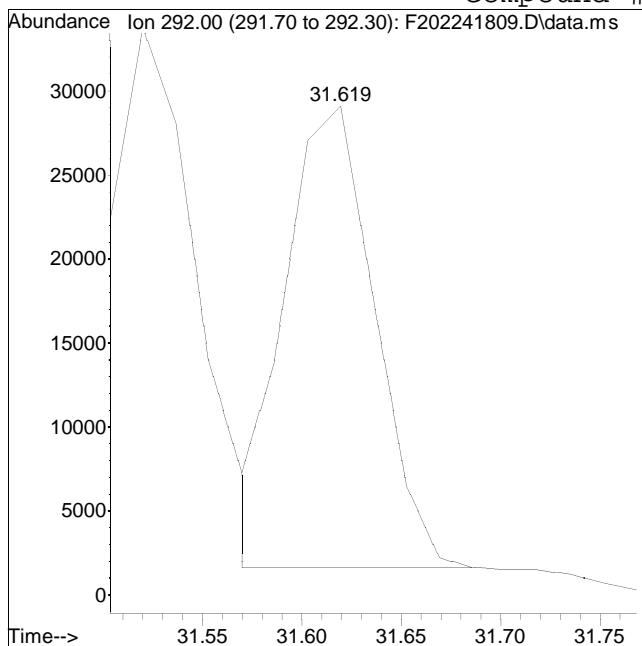
Manual Peak Response = 107931 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241809.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 6:53 pm Instrument : BNA2
Sample : CQ202241801 Quant Date : 2/26/2018 4:07 pm

Compound #81: Cl4-BZ#63



Original Peak Response = 86173

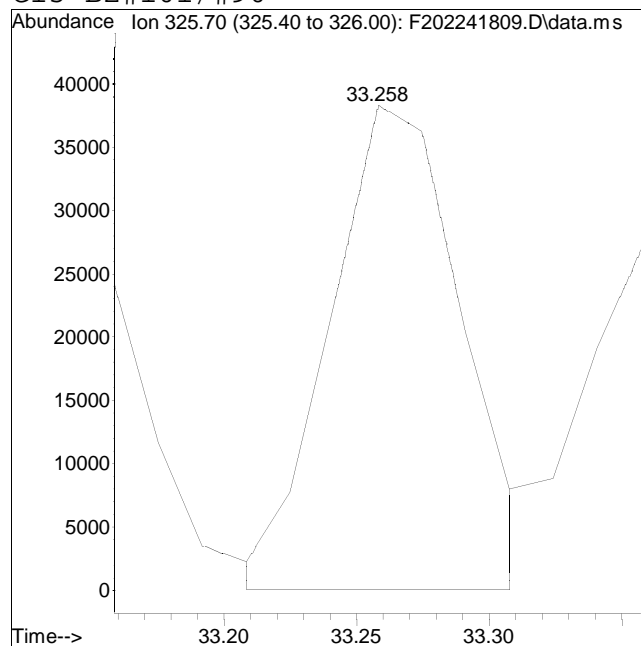
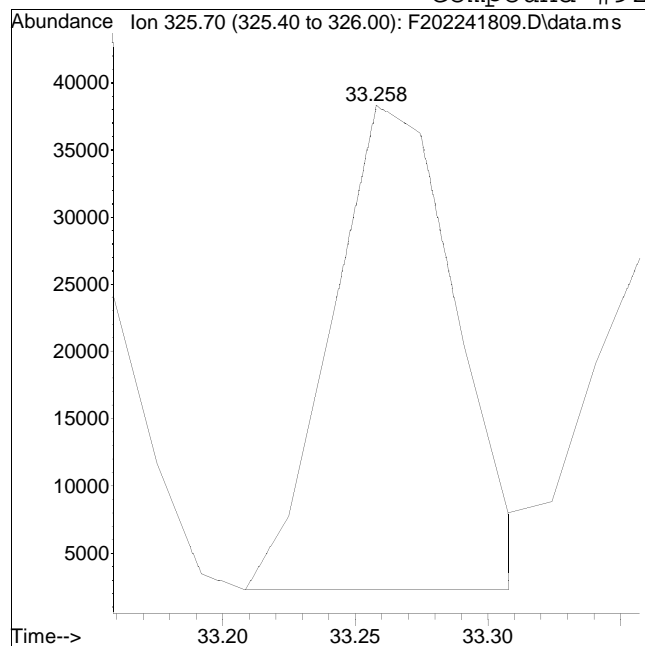
Manual Peak Response = 98379 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241809.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 6:53 pm Instrument : BNA2
Sample : CQ202241801 Quant Date : 2/26/2018 4:07 pm

Compound #92: C15-BZ#101/#90



Original Peak Response = 118652

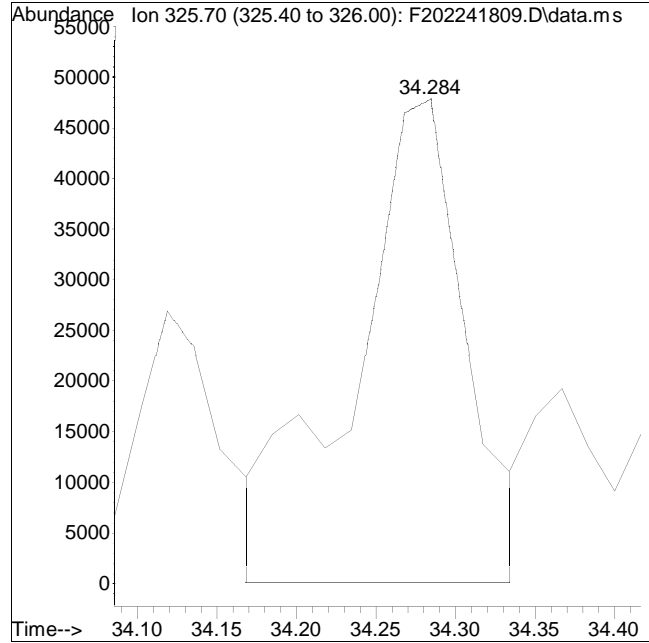
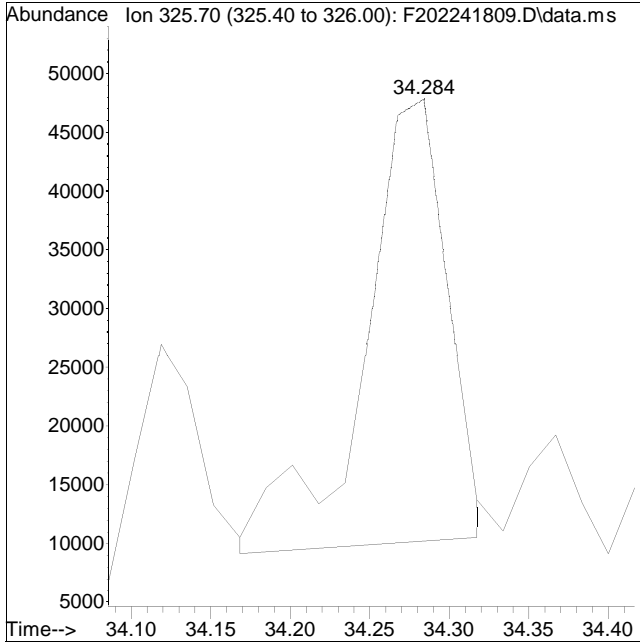
Manual Peak Response = 131956 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241809.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 6:53 pm Instrument : BNA2
Sample : CQ202241801 Quant Date : 2/26/2018 4:07 pm

Compound #101: C15-BZ#83/#125/#112



Original Peak Response = 137707

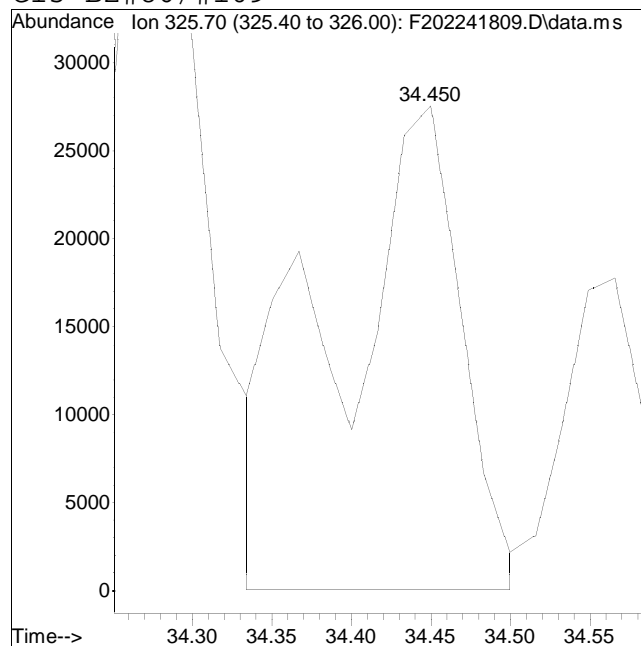
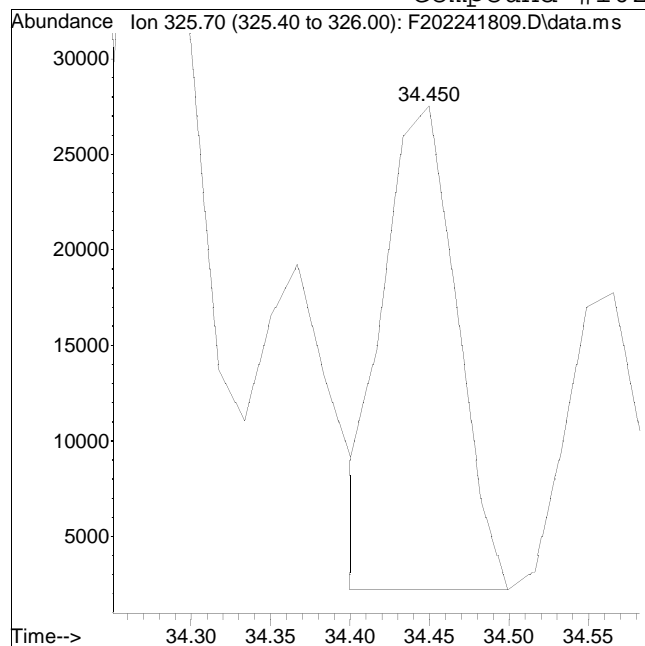
Manual Peak Response = 236194 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241809.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 6:53 pm Instrument : BNA2
Sample : CQ202241801 Quant Date : 2/26/2018 4:07 pm

Compound #102: C15-BZ#86/#109



Original Peak Response = 80976

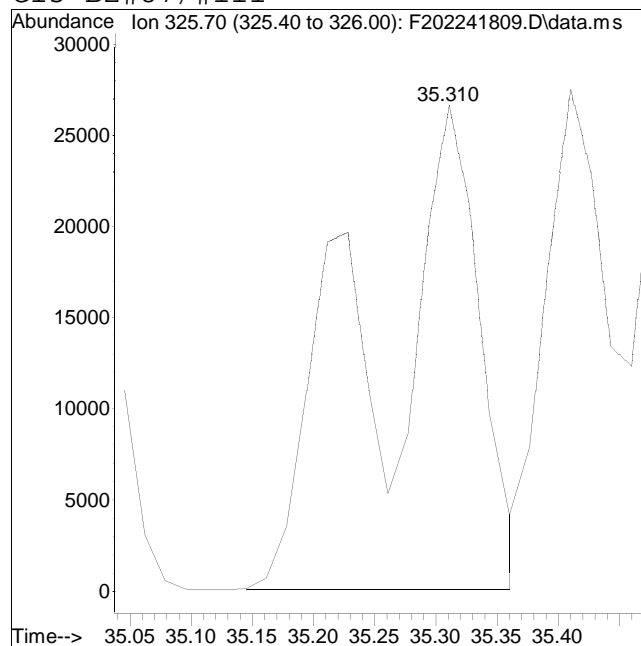
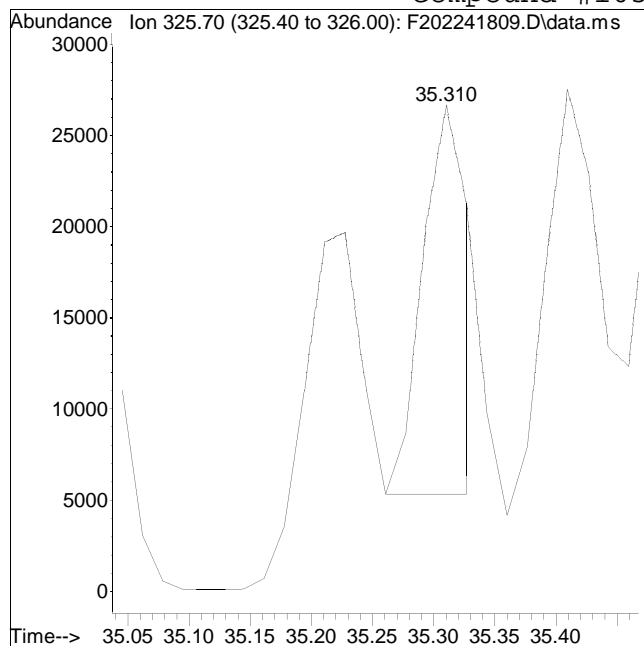
Manual Peak Response = 151528 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241809.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 6:53 pm Instrument : BNA2
Sample : CQ202241801 Quant Date : 2/26/2018 4:07 pm

Compound #105: C15-BZ#87/#111



Original Peak Response = 54837

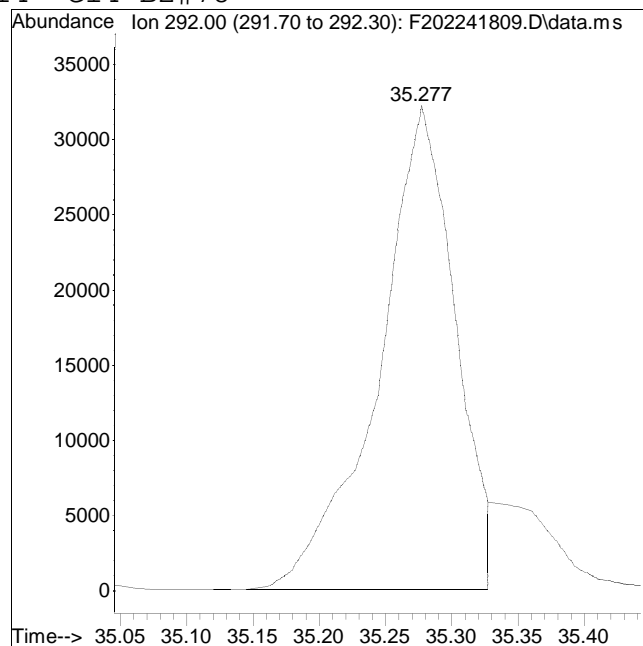
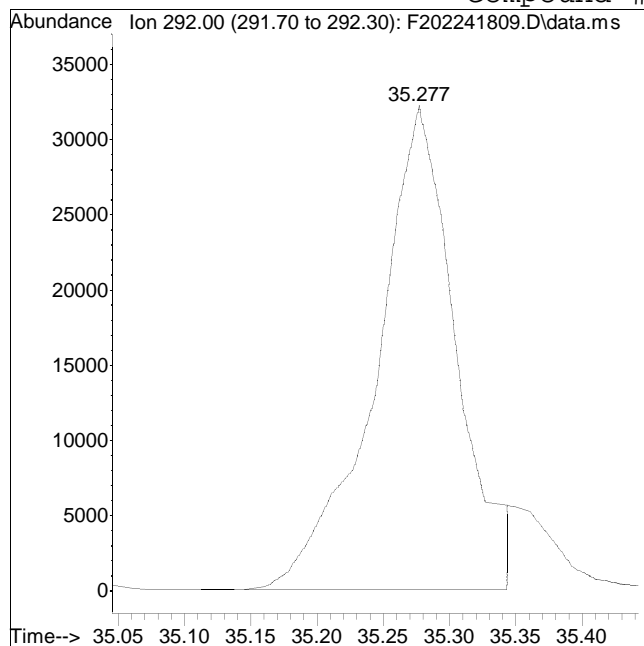
Manual Peak Response = 159395 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241809.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 6:53 pm Instrument : BNA2
Sample : CQ202241801 Quant Date : 2/26/2018 4:07 pm

Compound #114: C14-BZ#78



Original Peak Response = 136311

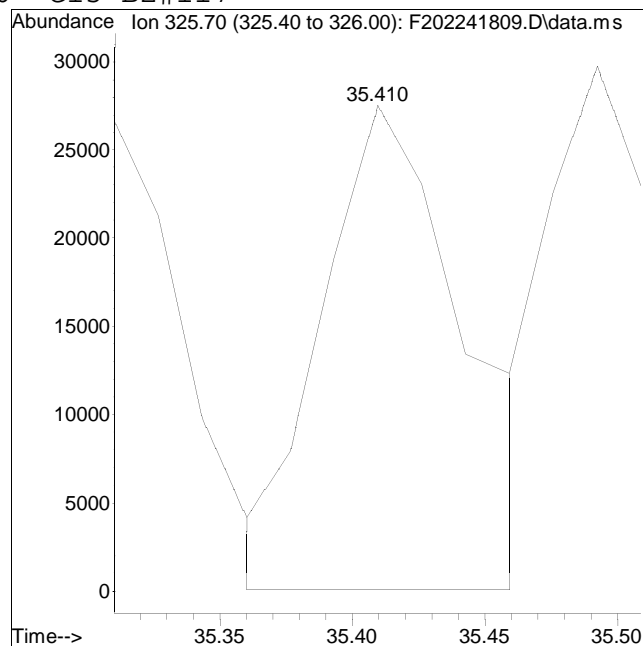
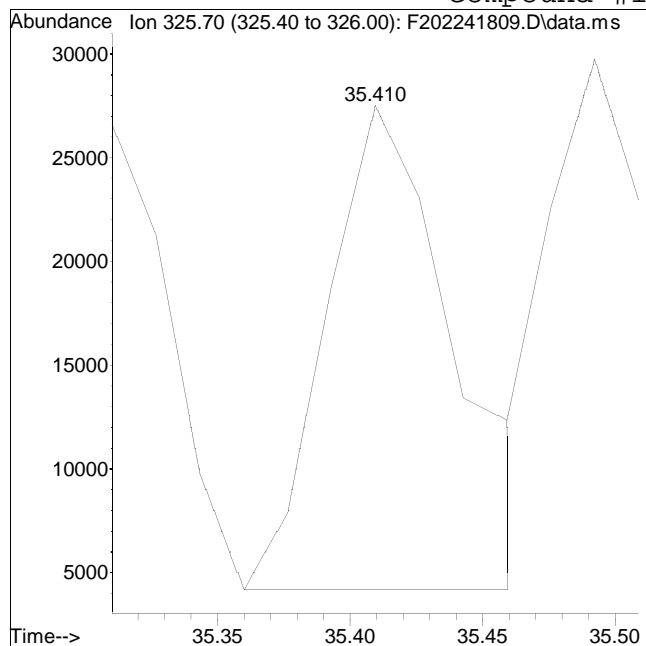
Manual Peak Response = 131204 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241809.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 6:53 pm Instrument : BNA2
Sample : CQ202241801 Quant Date : 2/26/2018 4:07 pm

Compound #116: C15-BZ#117



Original Peak Response = 77465

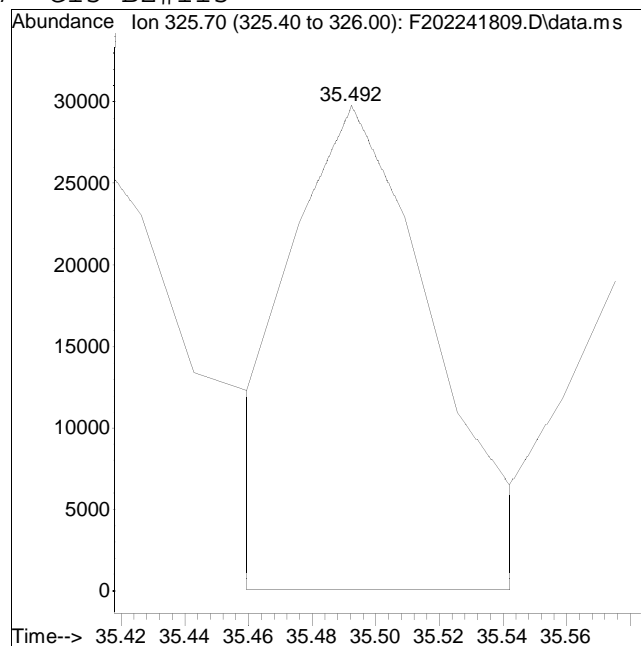
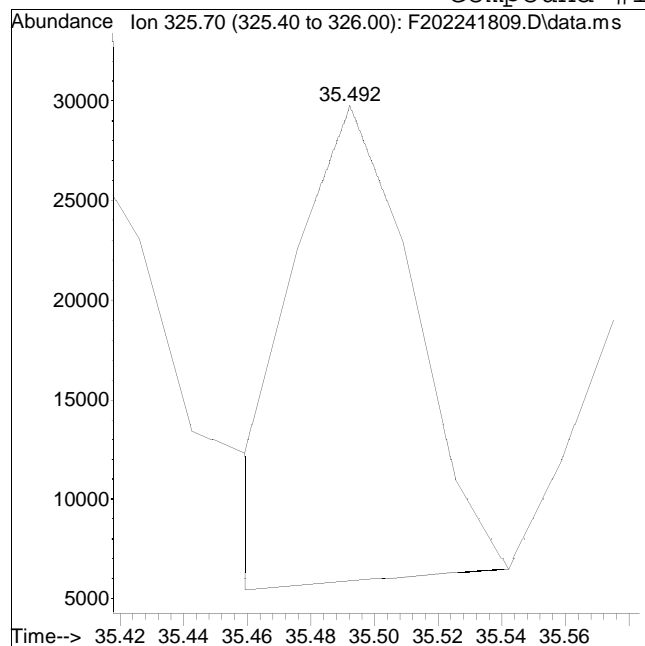
Manual Peak Response = 101903 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241809.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 6:53 pm Instrument : BNA2
Sample : CQ202241801 Quant Date : 2/26/2018 4:07 pm

Compound #117: C15-BZ#115



Original Peak Response = 62470

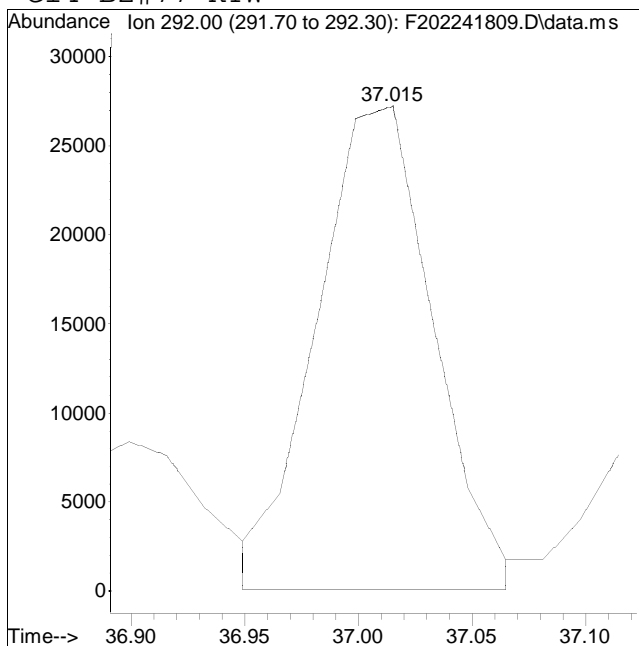
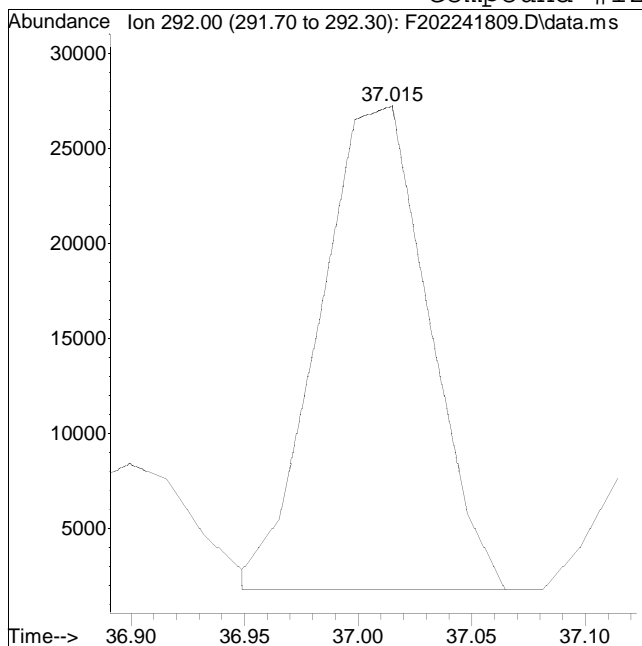
Manual Peak Response = 91771 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241809.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 6:53 pm Instrument : BNA2
Sample : CQ202241801 Quant Date : 2/26/2018 4:07 pm

Compound #128: C14-BZ#77-RTW



Original Peak Response = 84911

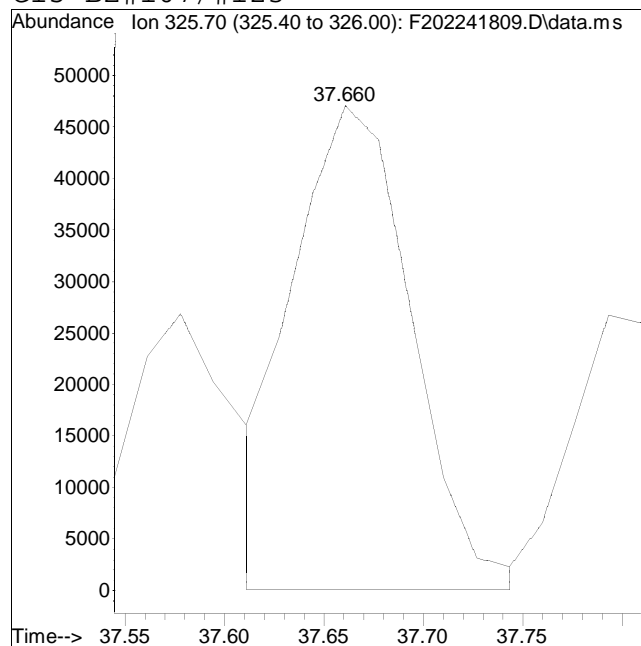
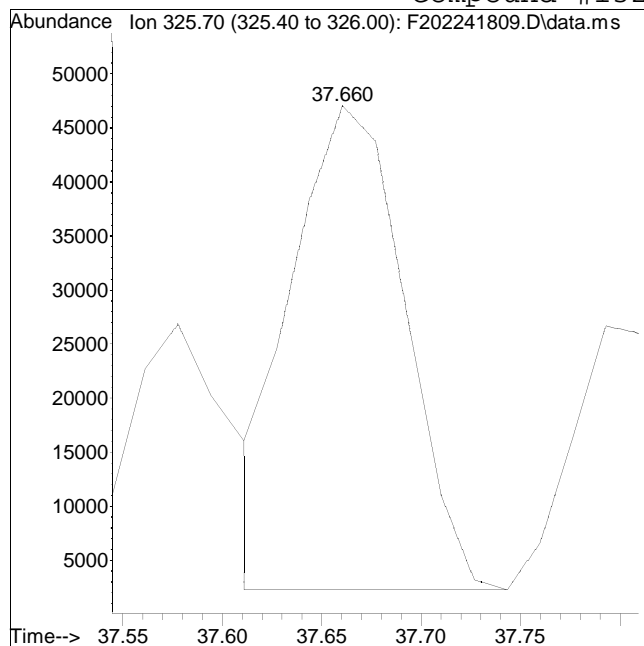
Manual Peak Response = 96757 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241809.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 6:53 pm Instrument : BNA2
Sample : CQ202241801 Quant Date : 2/26/2018 4:07 pm

Compound #132: C15-BZ#107/#123



Original Peak Response = 177778

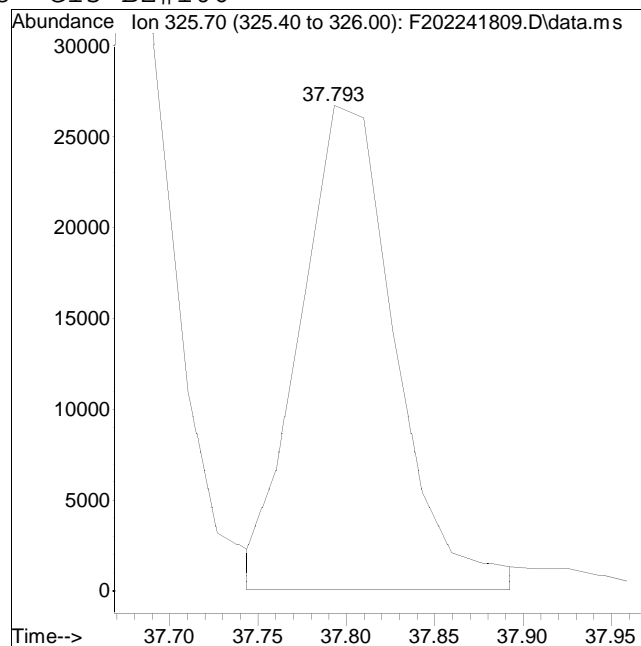
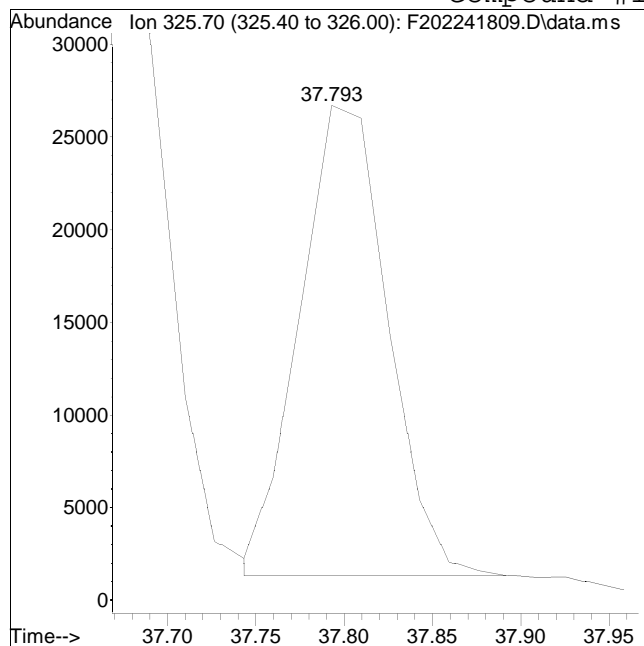
Manual Peak Response = 195342 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241809.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 6:53 pm Instrument : BNA2
Sample : CQ202241801 Quant Date : 2/26/2018 4:07 pm

Compound #138: C15-BZ#106



Original Peak Response = 87924

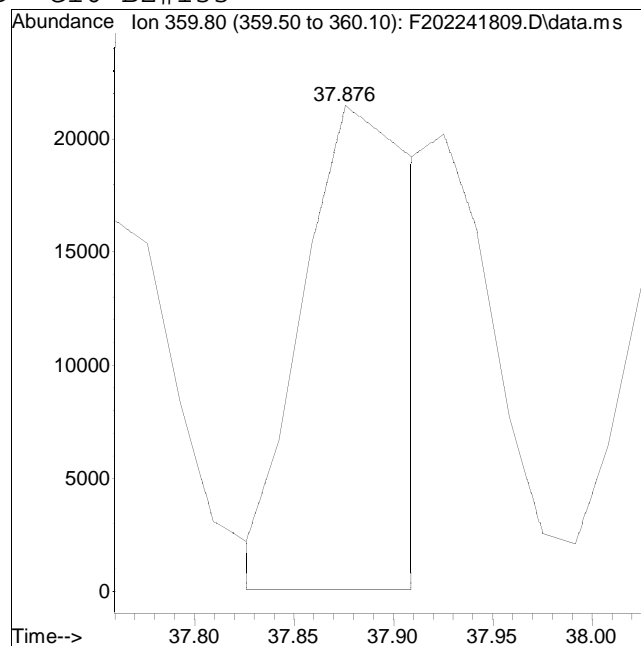
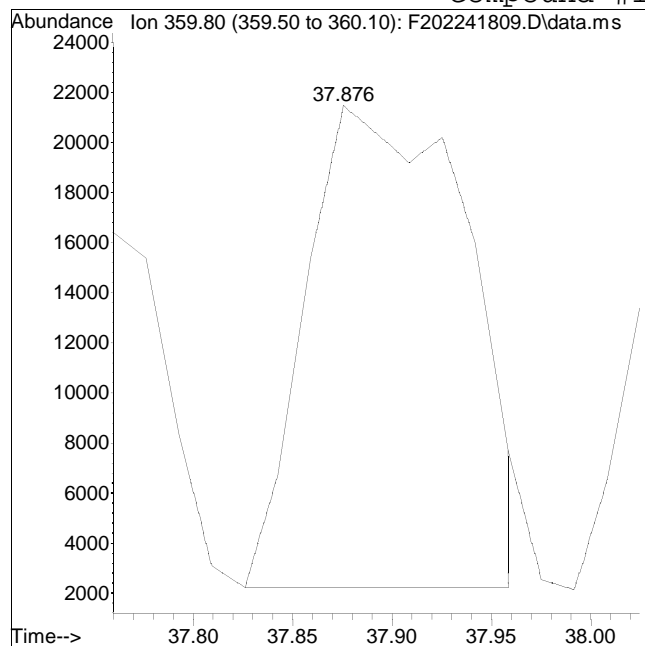
Manual Peak Response = 99132 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241809.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 6:53 pm Instrument : BNA2
Sample : CQ202241801 Quant Date : 2/26/2018 4:07 pm

Compound #139: Cl6-BZ#133



Original Peak Response = 108405

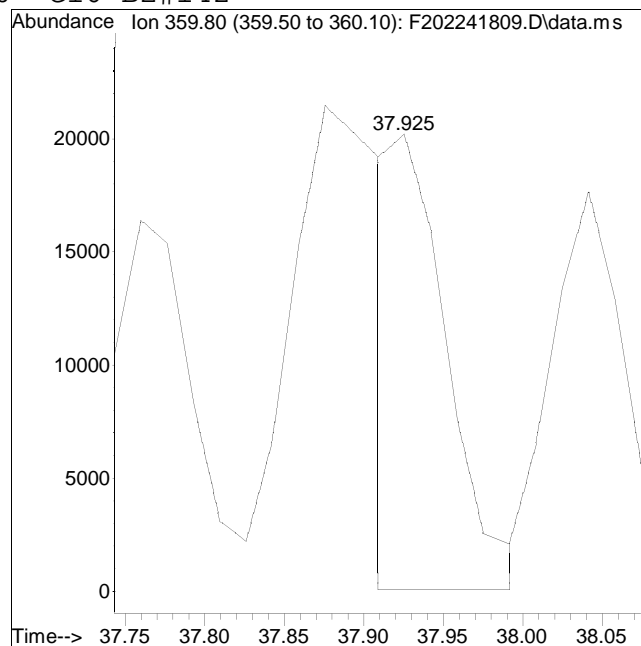
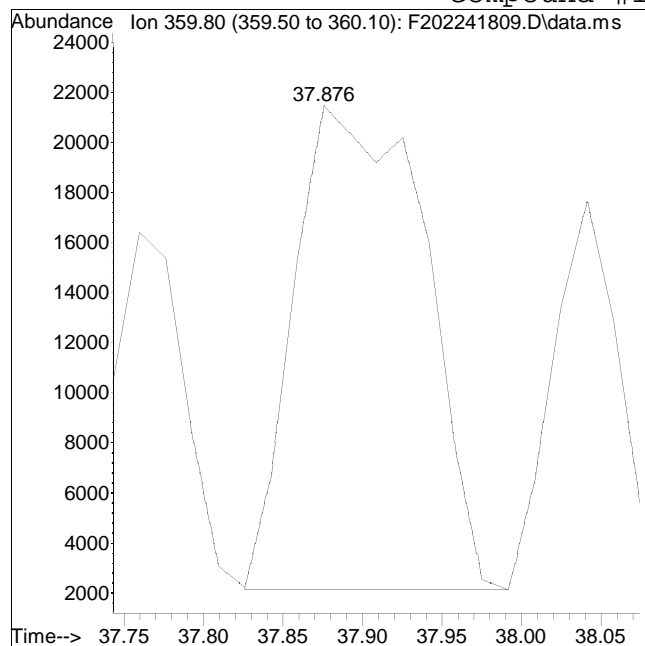
Manual Peak Response = 82181 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241809.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 6:53 pm Instrument : BNA2
Sample : CQ202241801 Quant Date : 2/26/2018 4:07 pm

Compound #140: Cl6-BZ#142



Original Peak Response = 109553

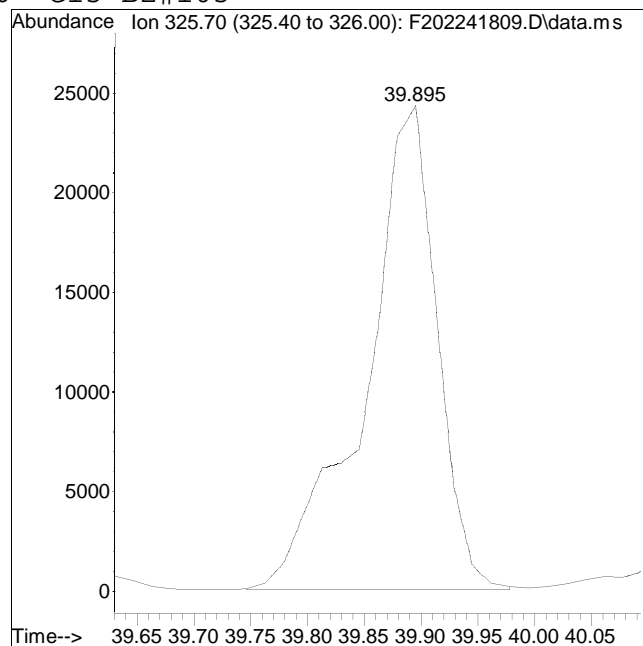
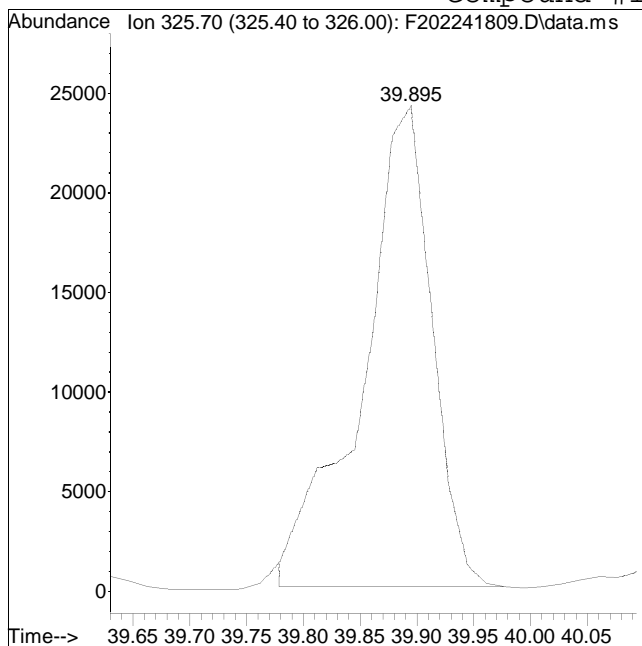
Manual Peak Response = 47917 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241809.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 6:53 pm Instrument : BNA2
Sample : CQ202241801 Quant Date : 2/26/2018 4:07 pm

Compound #156: C15-BZ#105



Original Peak Response = 102517

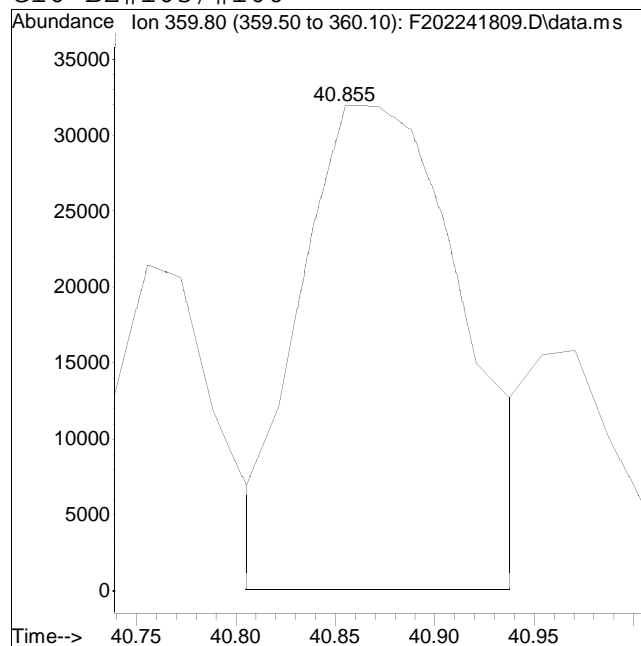
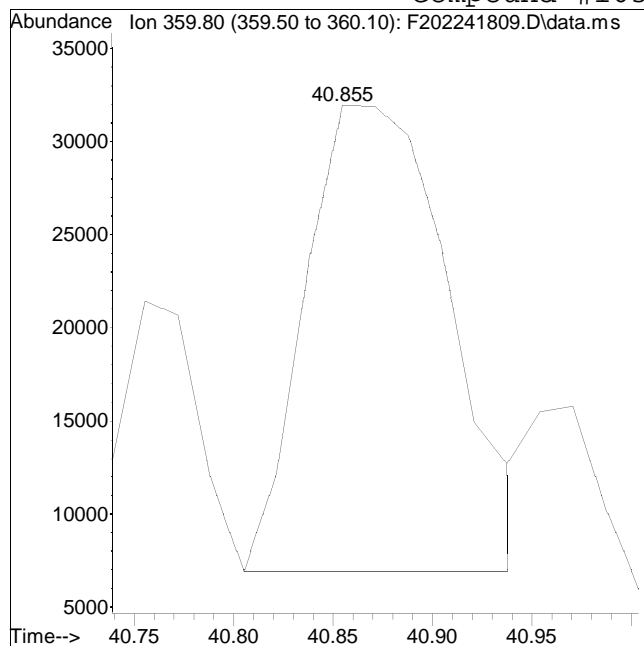
Manual Peak Response = 106123 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241809.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 6:53 pm Instrument : BNA2
Sample : CQ202241801 Quant Date : 2/26/2018 4:07 pm

Compound #163: C16-BZ#163/#160



Original Peak Response = 125813

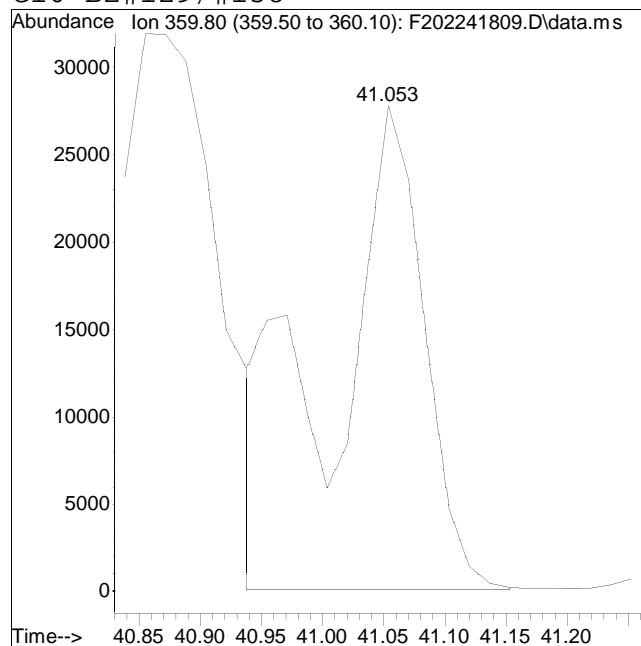
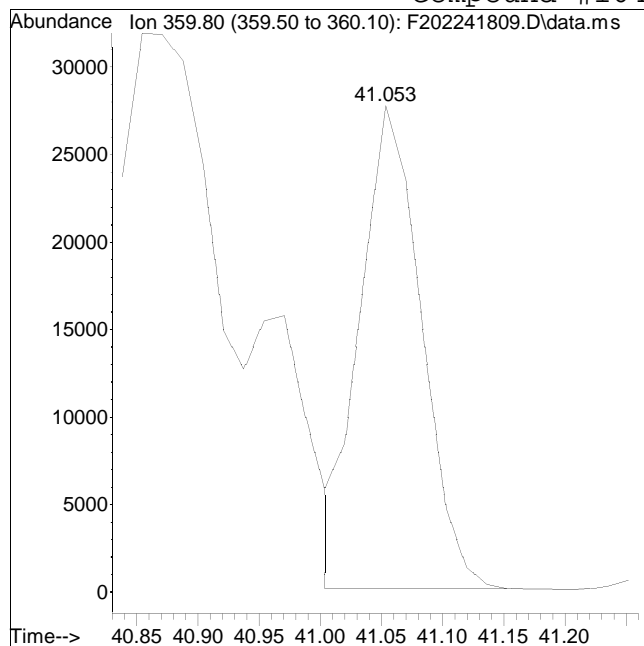
Manual Peak Response = 180301 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241809.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 6:53 pm Instrument : BNA2
Sample : CQ202241801 Quant Date : 2/26/2018 4:07 pm

Compound #164: Cl6-BZ#129/#158



Original Peak Response = 95966

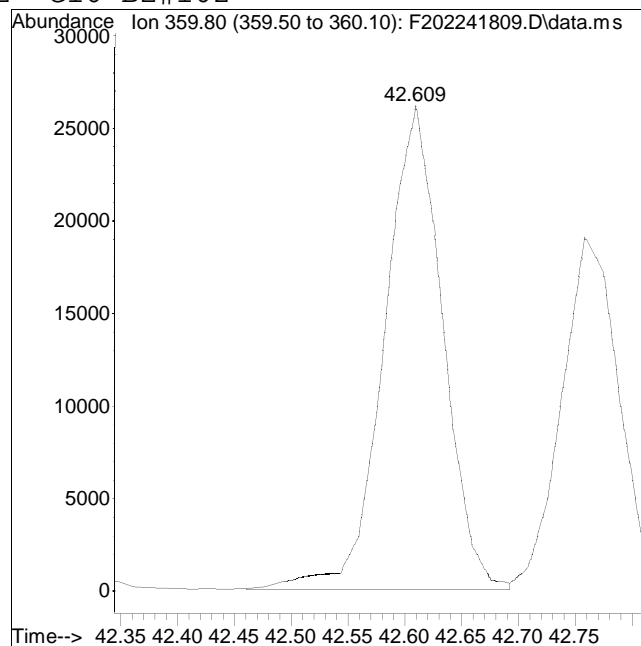
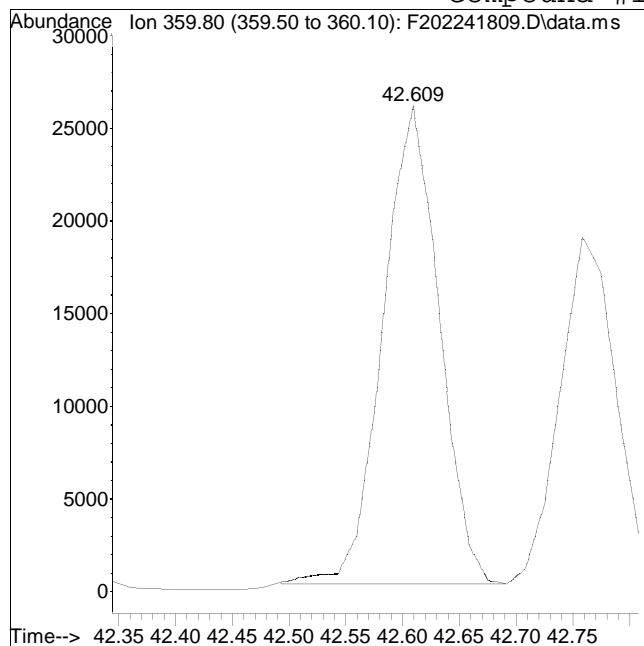
Manual Peak Response = 144373 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241809.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 6:53 pm Instrument : BNA2
Sample : CQ202241801 Quant Date : 2/26/2018 4:07 pm

Compound #172: Cl6-BZ#162



Original Peak Response = 89353

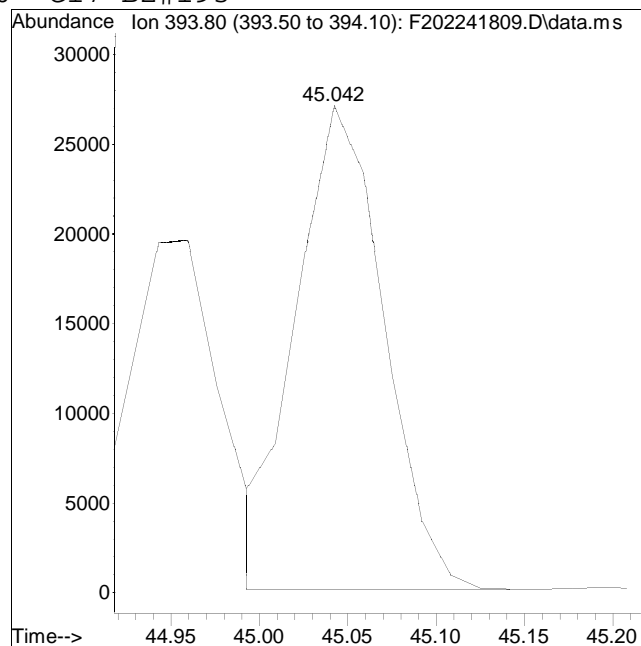
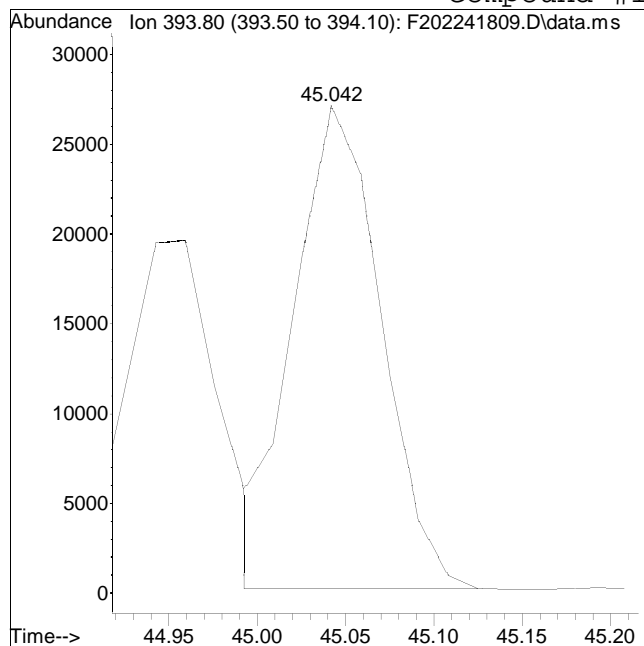
Manual Peak Response = 93691 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\BNA2\2018\QMethod : 209CONG0224BNA2.M
Data File : F202241809.D Operator : BNA2:JT
Date Inj'd : 2/24/2018 6:53 pm Instrument : BNA2
Sample : CQ202241801 Quant Date : 2/26/2018 4:07 pm

Compound #190: C17-BZ#193



Original Peak Response = 91923

Manual Peak Response = 93024 M4

M4 = Poor automated baseline construction.

Work Group

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Mar 13 2018, 12:03 pm

Work Group: WG1094741 for Department: 2 Organic Preparation

Created: 06-MAR-18 Due: Operator: BA

Sample	Client ID	C Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L1806872-01	SDT-DS-BFT-PC03	S A2-PCBHOMS-SPLP	SOIL	DONE	U	0313	0314	S0	EAmber-A1
L1806872-02	SDT-DS-BFT-PC06	S A2-PCBHOMS-SPLP	SOIL	DONE	U	0313	0314	S0	EAmber-A1
L1806872-03	SDT-DS-BFT-PC08	S A2-PCBHOMS-SPLP	SOIL	DONE	U	0313	0314	S0	EAmber-A1
L1806872-04	SDT-DS-BFT-CC03	S A2-PCBHOMS-SPLP	SOIL	DONE	U	0313	0314	S0	EAmber-A1
L1806872-05	SDT-DS-BFT-CC06	S A2-PCBHOMS-SPLP	SOIL	DONE	U	0313	0314	S0	EAmber-A1
L1806872-06	SDT-DS-BFT-CC08	S A2-PCBHOMS-SPLP	SOIL	DONE	U	0313	0314	S0	EAmber-A1
L1806872-07	SDT-DS-GVT-PC02	S A2-PCBHOMS-SPLP	SOIL	DONE	U	0313	0314	S0	EAmber-A1
L1806872-08	SDT-DS-GVT-PC04	S A2-PCBHOMS-SPLP	SOIL	DONE	U	0313	0314	S0	EAmber-A1
L1806872-09	SDT-DS-GVT-PC05	S A2-PCBHOMS-SPLP	SOIL	DONE	U	0313	0314	S0	EAmber-A1
L1806872-10	SDT-DS-GVT-CC02	S A2-PCBHOMS-SPLP	SOIL	DONE	U	0313	0314	S0	EAmber-A1
L1806872-11	SDT-DS-GVT-CC04	S A2-PCBHOMS-SPLP	SOIL	DONE	U	0313	0314	S0	EAmber-A1
L1806872-12	SDT-DS-GVT-CC05	S A2-PCBHOMS-SPLP	SOIL	DONE	U	0313	0314	S0	EAmber-A1
WG1094741-1	Laboratory Method B1	S A2-PCBHOMS-SPLP	SOIL	DONE	U				
WG1094741-2	Laboratory Control S	S A2-PCBHOMS-SPLP	SOIL	DONE	U				
WG1094741-3	LCS Duplicate	S A2-PCBHOMS-SPLP	SOIL	DONE	U				

Comments:

WG1094741-3 WG1094741-2

Sequence Logs

Analysis log File

Total Files Reported in Log : 9
 Log Generated From Directory: O:\Organics\DATA\BNA2\2018\Feb\Feb24\

No.	DATA FILE	INJ METH	SAMPLE NAME	MISC	DATE	INJ'D
1	F202241801.D	209CONGDFTPP	T202241801	wg1092764,MSAS13 10X	2/24/2018	9:10 am
2	F202241802.D	209CONGBNA2P	I202241801	wg1092764,MSAT61,.5ug/l	2/24/2018	10:14 am
3	F202241803.D	209CONGBNA2P	I202241802	wg1092764,MSAT60,1.0ug/..	2/24/2018	11:28 am
4	F202241804.D	209CONGBNA2P	I202241803	wg1092764,MSAT59,10ug/l	2/24/2018	12:42 pm
5	F202241805.D	209CONGBNA2P	I202241804	wg1092764,MSAT58,50ug/l	2/24/2018	1:56 pm
6	F202241806.D	209CONGBNA2P	I202241805	wg1092764,MSAT57,50ug/l	2/24/2018	3:10 pm
7	F202241807.D	209CONGBNA2P	I202241806	wg1092764,MSAT56,200ug/..	2/24/2018	4:25 pm
8	F202241808.D	209CONGBNA2P	I202241807	wg1092764,MSAT55,500ug/..	2/24/2018	5:39 pm
9	F202241809.D	209CONGBNA2P	CQ202241801	wg1092764,MSAS56,50ug/l	2/24/2018	6:53 pm

Analysis log File

Total Files Reported in Log : 37

Log Generated From Directory: O:\Organics\DATA\BNA2\2018\Mar\Mar07\

No.	DATA FILE	INJ METH	SAMPLE NAME	MISC	DATE	INJ'D
1	F203071801.D	209CONGDFTPP	WG1095518-1	WG1095518,MSAS13 10X	3/7/2018	10:13 am
2	F203071802.D	209CONGBNA2P	WG1095518-2	WG1095518,MSAT57,ICA..	3/7/2018	11:17 am
3	F203071803.D	209CONGBNA2P	WG1094741-1,HN	WG1095518,WG1094741,..	3/7/2018	12:31 pm
4	F203071804.D	209CONGBNA2P	WG1094743-1,H	WG1095518,WG1094743,..	3/7/2018	1:45 pm
5	F203071805.D	209CONGBNA2P	WG1094741-2,HN	WG1095518,WG1094741,..	3/7/2018	3:13 pm
6	F203071806.D	209CONGBNA2P	WG1094741-3,HN	WG1095518,WG1094741,..	3/7/2018	4:27 pm
7	F203071807.D	209CONGBNA2P	L1807215-01,H	WG1095518,WG1094743,..	3/7/2018	5:41 pm
8	F203071808.D	209CONGBNA2P	L1807215-02,H	WG1095518,WG1094743,..	3/7/2018	6:56 pm
9	F203071809.D	209CONGBNA2P	L1807215-03,H	WG1095518,WG1094743,..	3/7/2018	8:10 pm
10	F203071810.D	209CONGBNA2P	L1807545-08,HN	WG1095518,WG1094744,..	3/7/2018	9:24 pm
11	F203071811.D	209CONGBNA2P	L1806872-01,HN	WG1095518,WG1094741,..	3/7/2018	10:38 pm
12	F203071812.D	209CONGBNA2P	L1806872-02,HN	WG1095518,WG1094741,..	3/7/2018	11:52 pm
13	F203071813.D	209CONGDFTPP	WG1095518-3	WG1095518,MSAS13 10X	3/8/2018	1:06 am
14	F203071814.D	209CONGBNA2P	WG1095518-4	WG1095518,MSAT57,ICA..	3/8/2018	2:10 am
15	F203071815.D	209CONGBNA2P	L1806872-03,HN	WG1095518,WG1094741,..	3/8/2018	3:24 am
16	F203071816.D	209CONGBNA2P	L1806872-04,HN	WG1095518,WG1094741,..	3/8/2018	4:39 am
17	F203071817.D	209CONGBNA2P	L1806872-05,HN	WG1095518,WG1094741,..	3/8/2018	5:53 am
18	F203071818.D	209CONGBNA2P	L1806872-06,HN	WG1095518,WG1094741,..	3/8/2018	7:07 am
19	F203071819.D	209CONGBNA2P	L1806872-07,HN	WG1095518,WG1094741,..	3/8/2018	8:21 am
20	F203071820.D	209CONGBNA2P	L1806872-08,HN	WG1095518,WG1094741,..	3/8/2018	9:35 am
21	F203071821.D	209CONGBNA2P	L1806872-09,HN	WG1095518,WG1094741,..	3/8/2018	10:49 am
22	F203071822.D	209CONGBNA2P	L1806872-10,HN	WG1095518,WG1094741,..	3/8/2018	12:03 pm
23	F203071823.D	209CONGBNA2P	L1806872-11,HN	WG1095518,WG1094741,..	3/8/2018	1:18 pm
24	F203071824.D	209CONGBNA2P	L1806872-12,HN	WG1095518,WG1094741,..	3/8/2018	2:32 pm
25	F203071825.D	209CONGDFTPP	WG1095518-5	WG1095518,MSAS13 10X	3/8/2018	3:46 pm
26	F203071826.D	209CONGBNA2P	WG1095518-6	WG1095518,MSAT57,ICA..	3/8/2018	4:50 pm
27	F203071827.D	209CONGBNA2P	WG1095311-1,H	WG1095518,WG1095311,..	3/8/2018	6:04 pm
28	F203071828.D	209CONGBNA2P	WG1095311-2,H	WG1095518,WG1095311,..	3/8/2018	7:18 pm
29	F203071829.D	209CONGBNA2P	WG1095311-3,H	WG1095518,WG1095311,..	3/8/2018	8:32 pm
30	F203071830.D	209CONGBNA2P	L1807075-01,H	WG1095518,WG1095311,..	3/8/2018	9:46 pm
31	F203071831.D	209CONGBNA2P	L1807724-01,H	WG1095518,WG1095311,..	3/8/2018	11:00 pm
32	F203071832.D	209CONGBNA2P	L1807724-02,H	WG1095518,WG1095311,..	3/9/2018	12:14 am
33	F203071833.D	209CONGBNA2P	WG1095309-1,H	WG1095518,WG1095309,..	3/9/2018	1:28 am
34	F203071834.D	209CONGBNA2P	L1807810-01,H	WG1095518,WG1095309,..	3/9/2018	2:43 am
35	F203071835.D	209CONGBNA2P	WG1095518-8	WG1095518,MSAT57,ICA..	3/9/2018	3:57 am
36	F203071836.D	209CONGBNA2P	SURR CHECK	AT96 VIAL1 2X	3/9/2018	5:11 am
37	F203071837.D	209CONGBNA2P	SURR CHECK	AT96 VIAL6 2X	3/9/2018	6:25 am

Analytical Event

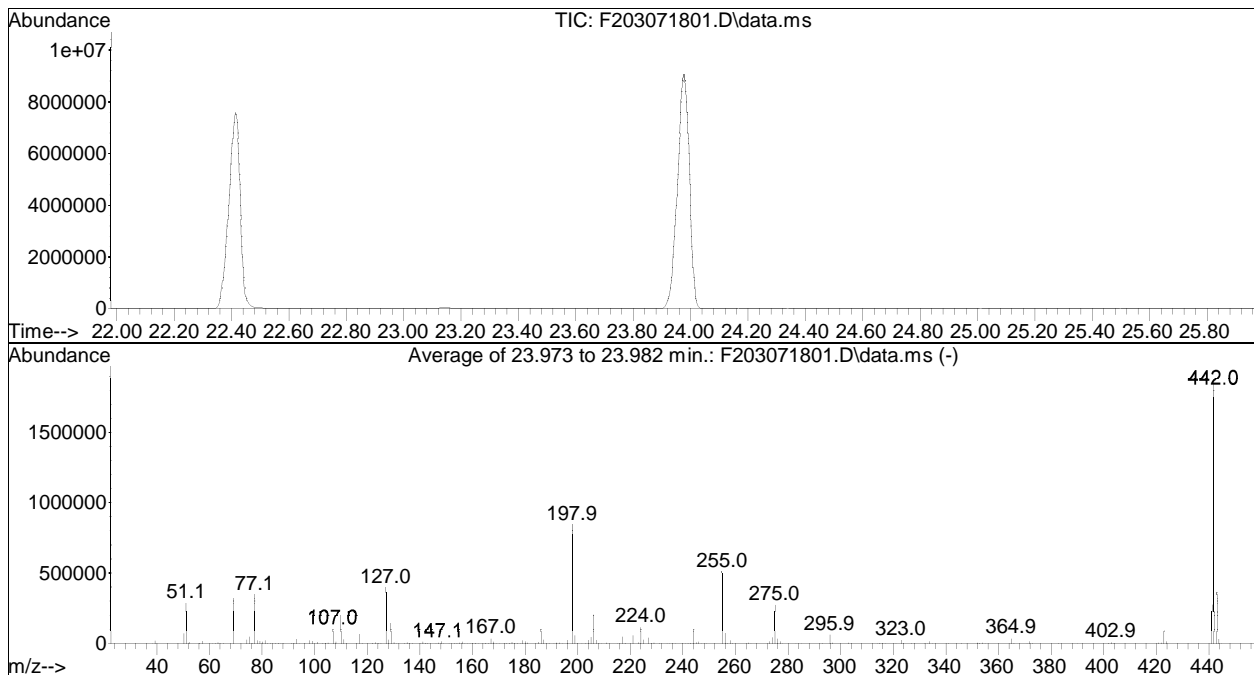
Continuing Calibration DFTPP Tune

DFTPP

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071801.D
 Acq On : 7 Mar 2018 10:13 am
 Operator : BNA2:MJS
 Sample : WG1095518-1
 Misc : WG1095518,MSAS13 10X
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Title : Method 680 PCB's by GC/MS
 Last Update : Thu Mar 08 11:02:39 2018



AutoFind: Scans 2681, 2682, 2683; Background Corrected with Scan 2661

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	0.00	100	33.8	284651	PASS
68	69	0.00	100	0.0	0	PASS
69	198	0.00	100	37.4	315093	PASS
70	69	0.00	100	0.6	1742	PASS
127	198	30	80	46.9	395136	PASS
197	198	0.00	3	0.0	0	PASS
198	442	40	100	44.9	842731	PASS
199	198	5	15	6.7	56541	PASS
275	198	15	50	32.2	271701	PASS
365	198	3	100	4.2	35520	PASS
441	443	0.01	100	74.6	272832	PASS
442	442	100	100	100.0	1875627	PASS
443	442	18	30	19.5	365547	PASS

Continuing Calibration

Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071802.D
 Acq On : 7 Mar 2018 11:17 am
 Operator : BNA2:MJS
 Sample : WG1095518-2
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 08 11:01:53 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 i	C12-BZ#15-C13	1.000	1.000	0.0	67	0.00
2 s	C13-BZ#19-C13 (surr)	0.352	0.369	-4.8	71	0.00
3 A1	C11-BZ#1-Cal/RTW	0.922	1.008	-9.3	74	0.00
4 A2	Monochlorobiphenyls	0.922	0.000#	100.0#	0#	-14.59#
5 A2	C11- conf Ion	0.922	0.000#	100.0#	0#	-14.59#
6 T	C11-BZ#2	0.970	1.034	-6.6	72	0.00
7 T	C11-BZ#3-RTW	0.952	1.020	-7.1	72	0.00
8 T	C12-BZ#4/#10-RTW	0.557	0.599	-7.5	72	0.00
9 T	C12-BZ#9	0.716	0.752	-5.0	70	0.00
10 T	C12-BZ#7	0.698	0.750	-7.4	71	0.00
11 T	C12-BZ#6	0.768	0.807	-5.1	71	0.00
12 T	C12-BZ#5	0.698	0.725	-3.9	70	0.00
13 A1	C12-BZ#8	0.794	0.838	-5.5	71	0.00
14 A2	Dichlorobiphenyls	0.794	0.000#	100.0#	0#	-17.55#
15 A2	C12-Conf Ion	0.794	0.000#	100.0#	0#	-17.55#
16 T	C13-BZ#19-RTW	0.392	0.408	-4.1	71	0.00
17 T	C12-BZ#14	0.766	0.803	-4.8	70	0.00
18 T	C13-BZ#30	0.626	0.650	-3.8	70	0.00
19 T	C13-BZ#18	0.436	0.437	-0.2	69	0.00
20 T	C12-BZ#11	0.822	0.861	-4.7	69	0.00
21 T	C13-BZ#17	0.406	0.418	-3.0	69	0.00
22 T	C12-BZ#12	0.727	0.754	-3.7	69	0.00
23 T	C13-BZ#27	0.562	0.586	-4.3	69	0.00
24 T	C12-BZ#13	0.838	0.874	-4.3	69	0.00
25 T	C13-BZ#24	0.577	0.602	-4.3	69	0.00
26 T	C13-BZ#16	0.354	0.360	-1.7	69	0.00
27 T	C13-BZ#32	0.620	0.637	-2.7	70	0.00
28 T	C12-BZ#15-RTW	0.849	0.878	-3.4	70	0.00
29 T	C13-BZ#34	0.579	0.596	-2.9	69	0.00
30 T	C13-BZ#23	0.569	0.595	-4.6	69	0.00
31 T	C14-BZ#54-RTW	0.530	0.555	-4.7	70	0.00
32 A1	C13-BZ#29-Cal	0.574	0.584	-1.7	68	0.00
33 A2	Trichlorobiphenyls	0.574	0.000#	100.0#	0#	-26.21#
34 A2	C13- Conf Ion	0.574	0.000#	100.0#	0#	-26.21#
35 A1	C14-BZ#50-Cal	0.443	0.452	-2.0	68	0.00
36 A2	Tetrachlorobiphenyls	0.443	0.000#	100.0#	0#	-28.37#
37 A2	C14-Conf Ion	0.443	0.000#	100.0#	0#	-28.36#
38 T	C13-BZ#26	0.644	0.658	-2.2	69	0.00
39 T	C13-BZ#25	0.627	0.638	-1.8	68	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071802.D
 Acq On : 7 Mar 2018 11:17 am
 Operator : BNA2:MJS
 Sample : WG1095518-2
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 08 11:01:53 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
40 T C14-BZ#53	0.489	0.497	-1.6	69	0.00
41 T C13-BZ#-31	0.866	0.857	1.0	67	0.00
42 T C13-BZ#28	0.853	0.817	4.2	64	0.00
43 T C13-BZ#33	0.608	0.756	-24.3#	79	0.00
44 T C13-BZ#21/#20	0.770	0.770	0.0	65	0.00
45 T C14-BZ#51	0.539	0.566	-5.0	68	0.00
46 T C14-BZ#45	0.421	0.428	-1.7	67	0.00
47 T C13-BZ#22	0.750	0.760	-1.3	67	0.00
48 T C14-BZ#73/#46	0.563	0.580	-3.0	67	0.00
49 T C14-BZ#69	0.673	0.662	1.6	65	0.00
50 T C14-BZ#43	0.444	0.470	-5.9	71	0.00
51 T C13-BZ#36	0.835	0.895	-7.2	70	0.00
52 T C14-BZ#52	0.547	0.548	-0.2	68	0.00
53 T C14-BZ#48	0.486	0.497	-2.3	67	0.00
54 T C14-BZ#49	0.523	0.518	1.0	66	0.00
55 T C15-BZ#104-RTW	0.540	0.560	-3.7	69	0.00
56 T C14-BZ#47	0.564	0.585	-3.7	75	0.00
57 T C14-BZ#65/#75/#62	0.662	0.688	-3.9	66	0.00
58 T C13-BZ#39	0.769	0.812	-5.6	70	0.00
59 T C13-BZ#38	0.742	0.782	-5.4	68	0.00
60 T C14-BZ#44	0.455	0.457	-0.4	67	0.00
61 T C14-BZ#59	0.667	0.664	0.4	68	0.00
62 T C14-BZ#42	0.432	0.441	-2.1	66	0.00
63 T C14-BZ#71	0.701	0.709	-1.1	68	0.00
64 T C13-BZ#35	0.776	0.792	-2.1	67	0.00
65 T C14-BZ#41	0.426	0.434	-1.9	67	0.00
66 T C14-BZ#72	0.733	0.766	-4.5	67	0.00
67 T C15-BZ#96	0.584	0.629	-7.7	70	0.00
68 T C15-BZ#103	0.451	0.474	-5.1	69	0.00
69 T C14-BZ#68/#64	0.679	0.713	-5.0	67	0.00
70 T C14-BZ#40	0.331	0.330	0.3	66	0.00
71 T C13-BZ#37-RTW	1.031	1.062	-3.0	67	0.00
72 T C15-BZ#100	0.486	0.522	-7.4	70	0.00
73 T C15-BZ#94	0.359	0.378	-5.3	68	0.00
74 T C14-BZ#57	0.730	0.742	-1.6	65	0.00
75 T C14-BZ#67/#58	0.735	0.763	-3.8	67	0.00
76 T C15-BZ#102	0.517	0.557	-7.7	70	0.00
77 T C14-BZ#61	0.723	0.733	-1.4	67	0.00
78 T C15-BZ#98	0.473	0.494	-4.4	68	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071802.D
 Acq On : 7 Mar 2018 11:17 am
 Operator : BNA2:MJS
 Sample : WG1095518-2
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 08 11:01:53 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
79 T	C14-BZ#76	0.764	0.836	-9.4	71	0.00
80 T	C15-BZ#93	0.382	0.405	-6.0	69	0.00
81 T	C14-BZ#63	0.686	0.659	3.9	63	0.00
82 T	C15-BZ#121/#95/#88	0.507	0.544	-7.3	69	0.00
83 T	C14-BZ#74	0.759	0.772	-1.7	67	0.00
84 T	C16-BZ#155-RTW	0.562	0.570	-1.4	67	0.00
85 T	C14-BZ#70	0.781	0.779	0.3	65	0.00
86 T	C14-BZ#66	0.707	0.724	-2.4	66	0.00
87 T	C15-BZ#91	0.447	0.461	-3.1	69	0.00
88 T	C14-BZ#80	0.741	0.748	-0.9	66	0.00
89 T	C14-BZ#55	0.756	0.760	-0.5	66	0.00
90 T	C15-BZ#92	0.436	0.458	-5.0	69	0.00
91 T	C15-BZ#89/#84	0.418	0.430	-2.9	67	0.00
92 T	C15-BZ#101/#90	0.481	0.504	-4.8	68	0.00
93 s	C15-BZ#101-C13 (surr)	0.514	0.528	-2.7	66	0.00
94 T	C14-BZ#56	0.748	0.777	-3.9	67	0.00
95 T	C15-BZ#113	0.566	0.630	-11.3	73	0.00
96 T	C15-BZ#99	0.543	0.551	-1.5	67	0.00
97 T	C16-BZ#150	0.602	0.620	-3.0	68	0.00
98 T	C14-BZ#60	0.800	0.820	-2.5	67	0.00
99 T	C16-BZ#152	0.646	0.657	-1.7	66	0.00
100 T	C15-BZ#119	0.658	0.680	-3.3	67	0.00
101 T	C15-BZ#83/#125/#112	0.548	0.578	-5.5	69	0.00
102 T	C15-BZ#86/#109	0.545	0.584	-7.2	71	0.00
103 T	C15-BZ#97	0.406	0.421	-3.7	66	0.00
104 T	C15-BZ#116	0.560	0.572	-2.1	67	0.00
105 A1	C15-BZ#87/#111	0.548	0.599	-9.3	71	0.00
106 A2	Pentachlorobiphenyls	0.548	0.000#	100.0#	0#	-34.26#
107 A2	C15-Conf Ion	0.548	0.000#	100.0#	0#	-37.65#
108 T	C16-BZ#145	0.667	0.682	-2.2	67	0.00
109 T	C16-BZ#148	0.456	0.464	-1.8	67	0.00
110 T	C14-BZ#79	0.736	0.721	2.0	64	0.00
111 A1	C16-BZ#154-Cal	0.527	0.536	-1.7	67	0.00
112 A2	Hexachlorobiphenyls	0.527	0.000#	100.0#	0#	-37.12#
113 A2	C16-Conf Ion	0.527	0.000#	100.0#	0#	-37.12#
114 T	C14-BZ#78	0.912	0.948	-3.9	67	0.00
115 T	C16-BZ#136	0.584	0.614	-5.1	69	0.00
116 T	C15-BZ#117	0.693	0.683	1.4	64	0.00
117 T	C15-BZ#115	0.687	0.735	-7.0	70	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071802.D
 Acq On : 7 Mar 2018 11:17 am
 Operator : BNA2:MJS
 Sample : WG1095518-2
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 08 11:01:53 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
118 T	C15-BZ#85	0.429	0.474	-10.5	75	0.00
119 T	C15-BZ#120	0.671	0.696	-3.7	68	0.00
120 T	C15-BZ#110	0.648	0.645	0.5	66	0.00
121 T	C14-BZ#81	0.739	0.738	0.1	66	0.00
122 i	C17-BZ#180-C13	1.000	1.000	0.0	64	0.00
123 T	C16-BZ#151	0.855	0.900	-5.3	68	0.00
124 T	C16-BZ#135	0.902	0.969	-7.4	67	0.00
125 T	C15-BZ#82	0.771	0.835	-8.3	68	0.00
126 T	C16-BZ#144	0.879	0.940	-6.9	67	0.00
127 T	C16-BZ#147/#149	0.939	0.985	-4.9	67	0.00
128 T	C14-BZ#77-RTW	1.283	1.330	-3.7	65	0.00
129 T	C16-BZ#143/#139	0.902	0.972	-7.8	67	0.00
130 T	C15-BZ#124	1.213	1.321	-8.9	68	0.00
131 T	C15-BZ#108	1.232	1.258	-2.1	62	0.00
132 T	C15-BZ#107/#123	1.314	1.469	-11.8	71	0.00
133 T	C16-BZ#140	0.872	0.940	-7.8	68	0.00
134 A1	C17-BZ#188-Cal/RTW	1.025	1.122	-9.5	68	0.00
135 A2	Heptachlorobiphenyls	1.025	0.000#	100.0#	0#	-41.10#
136 A2	C17-Conf Ion	1.025	0.000#	100.0#	0#	-41.10#
137 T	C16-BZ#134	0.743	0.794	-6.9	66	0.00
138 T	C15-BZ#106	1.194	1.229	-2.9	59	0.00
139 T	C16-BZ#133	1.011	1.038	-2.7	62	0.00
140 T	C16-BZ#142	0.680	0.780	-14.7	78	0.00
141 T	C15-BZ#118	1.159	1.278	-10.3	69	0.00
142 T	C16-BZ#131	0.783	0.834	-6.5	68	0.00
143 T	C17-BZ#184	1.013	1.082	-6.8	68	0.00
144 T	C16-BZ#165	1.102	1.161	-5.4	66	0.00
145 T	C16-BZ#146	0.964	1.033	-7.2	68	0.00
146 T	C16-BZ#161	1.227	1.311	-6.8	67	0.00
147 T	C15-BZ#122	1.068	1.138	-6.6	67	0.00
148 T	C16-BZ#168	1.179	1.187	-0.7	62	0.00
149 T	C15-BZ#114	1.173	1.287	-9.7	68	0.00
150 T	C16-BZ#153	1.050	1.186	-13.0	75	0.00
151 s	C16-BZ#153-C13 (surr)	0.919	0.973	-5.9	66	0.00
152 T	C16-BZ#132	0.842	0.868	-3.1	66	0.00
153 T	C17-BZ#179	1.046	1.087	-3.9	67	0.00
154 T	C16-BZ#141	0.843	0.858	-1.8	65	0.00
155 T	C17-BZ#176	0.994	1.016	-2.2	66	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071802.D
 Acq On : 7 Mar 2018 11:17 am
 Operator : BNA2:MJS
 Sample : WG1095518-2
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 08 11:01:53 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
156 T	C15-BZ#105	1.435	1.486	-3.6	67	0.00
157 T	C16-BZ#137	0.864	0.909	-5.2	66	0.00
158 T	C15-BZ#127	1.574	1.638	-4.1	67	0.00
159 T	C17-BZ#186	1.106	1.165	-5.3	66	0.00
160 T	C16-BZ#130/#164	1.008	1.061	-5.3	66	0.00
161 T	C17-BZ#178	0.758	0.774	-2.1	65	0.00
162 T	C16-BZ#138	1.024	1.055	-3.0	66	0.00
163 T	C16-BZ#163/#160	1.158	1.223	-5.6	66	0.00
164 T	C16-BZ#129/#158	0.966	1.041	-7.8	69	0.00
165 T	C17-BZ#182/#175	0.867	0.939	-8.3	67	0.00
166 T	C17-BZ#187	0.888	0.909	-2.4	65	0.00
167 T	C17-BZ#183	0.854	0.875	-2.5	65	0.00
168 T	C16-BZ#166	1.258	1.280	-1.7	65	0.00
169 T	C16-BZ#159	1.258	1.286	-2.2	65	0.00
170 T	C15-BZ#126-RTW	1.539	1.644	-6.8	67	0.00
171 T	C17-BZ#185	0.794	0.817	-2.9	66	0.00
172 T	C16-BZ#162	1.166	1.212	-3.9	66	0.00
173 T	C17-BZ#174	0.788	0.814	-3.3	66	0.00
174 T	C16-BZ#128	0.862	0.926	-7.4	68	0.00
175 T	C16-BZ#167	1.547	1.652	-6.8	68	0.00
176 T	C18-BZ#202-RTW	0.892	0.931	-4.4	66	0.00
177 s	C18-BZ#202-C13 (surr)	0.942	0.965	-2.4	66	0.00
178 T	C17-BZ#181	0.886	0.932	-5.2	65	0.00
179 T	C17-BZ#177	0.769	0.800	-4.0	66	0.00
180 A1	C18-BZ#204/#200-Cal	0.876	0.909	-3.8	66	0.00
181 A2	Octachlorobiphenyls	0.876	0.000#	100.0#	0#	-43.58#
182 A2	C18-Conf Ion	0.876	0.000#	100.0#	0#	-43.58#
183 T	C17-BZ#171	0.753	0.764	-1.5	65	0.00
184 T	C17-BZ#173	0.742	0.750	-1.1	65	0.00
185 T	C17-BZ#172	0.797	0.788	1.1	64	0.00
186 T	C17-BZ#192	1.092	1.116	-2.2	65	0.00
187 T	C16-BZ#156	1.206	1.237	-2.6	66	0.00
188 T	C16-BZ#157	1.246	1.276	-2.4	66	0.00
189 T	C17-BZ#180	0.970	1.024	-5.6	69	0.00
190 T	C17-BZ#193	0.998	0.976	2.2	62	0.00
191 T	C18-BZ#197	0.894	0.914	-2.2	65	0.00
192 T	C17-BZ#191	1.037	1.047	-1.0	65	0.00
193 T	C18-BZ#199	0.889	0.895	-0.7	65	0.00
194 T	C18-BZ#198	0.754	0.763	-1.2	70	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071802.D
 Acq On : 7 Mar 2018 11:17 am
 Operator : BNA2:MJS
 Sample : WG1095518-2
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 08 11:01:53 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
195 T	C18-BZ#201	0.651	0.659	-1.2	61	0.00
196 T	C17-BZ#170	0.751	0.769	-2.4	66	0.00
197 T	C17-BZ#190	1.093	1.134	-3.8	66	0.00
198 T	C18-BZ#196	0.706	0.699	1.0	63	0.00
199 T	C18-BZ#203	0.763	0.792	-3.8	66	0.00
200 T	C16-BZ#169-RTW	1.332	1.353	-1.6	66	0.00
201 T	C19-BZ#208-RTW	0.943	0.904	4.1	64	0.00
202 T	C19-BZ#207	0.921	0.924	-0.3	64	0.00
203 T	C17-BZ#189-RTW	0.995	0.999	-0.4	65	0.00
204 T	C18-BZ#195	0.694	0.683	1.6	65	0.00
205 T	C18-BZ#194	0.743	0.719	3.2	64	0.00
206 T	C18-BZ#205-RTW	0.910	0.858	5.7	62	0.00
207 A1	C19-BZ#206-Cal/RTW	0.759	0.721	5.0	62	0.00
208 A2	Nonachlorobiphenyls	0.759	0.000#	100.0#	0#	-49.49#
209 A2	C19-Conf Ion	0.759	0.000#	100.0#	0#	-49.49#
210 A1	C110-BZ#209-Cal/RTW	0.753	0.710	5.7	61	0.00
211 A2	Decachlorobiphenyl	0.753	0.000#	100.0#	0#	-56.30#
212 A2	C110-Conf Ion	0.753	0.000#	100.0#	0#	-56.30#

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071802.D
 Acq On : 7 Mar 2018 11:17 am
 Operator : BNA2:MJS
 Sample : WG1095518-2
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 08 11:01:53 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.855	234	390307	200.000	ng/mL	-0.06	
122) C17-BZ#180-C13	44.876	406	200718M1	200.000	ng/mL	-0.05	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.944	268	35966	52.402	ng/mL	-0.05	
Spiked Amount	100.000	Range 50 - 125	Recovery =	52.40%			
93) C15-BZ#101-C13 (surr)	33.175	338	51487	51.323	ng/mL	-0.07	
Spiked Amount	100.000	Range 50 - 125	Recovery =	51.32%			
151) C16-BZ#153-C13 (surr)	38.719	372	48830	52.930	ng/mL	-0.07	
Spiked Amount	100.000	Range 50 - 125	Recovery =	52.93%			
177) C18-BZ#202-C13 (surr)	42.923	442	48405	51.206	ng/mL	-0.07	
Spiked Amount	100.000	Range 50 - 125	Recovery =	51.21%			
Target Compounds							
3) C11-BZ#1-Cal/RTW	14.543	188	98354	54.679	ng/mL	100	Qvalue
4) Monochlorobiphenyls	0.000		0	N.D.	d		
5) C11- conf Ion	0.000		0	N.D.	d		
6) C11-BZ#2	16.618	188	100902	53.314	ng/mL	100	
7) C11-BZ#3-RTW	17.084	188	99518	53.558	ng/mL	99	
8) C12-BZ#4/#10-RTW	17.502	222	116871	107.555	ng/mL	100	
9) C12-BZ#9	19.063	222	73377	52.508	ng/mL	99	
10) C12-BZ#7	19.159	222	73158	53.726	ng/mL	98	
11) C12-BZ#6	19.593	222	78732	52.512	ng/mL	99	
12) C12-BZ#5	20.028	222	70712	51.912	ng/mL	100	
13) C12-BZ#8	20.180	222	81740	52.776	ng/mL	100	
14) Dichlorobiphenyls	0.000		0	N.D.	d		
15) C12-Conf Ion	0.000		0	N.D.	d		
16) C13-BZ#19-RTW	20.960	256	39805	52.031	ng/mL	99	
17) C12-BZ#14	21.097	222	78332	52.402	ng/mL	97	
18) C13-BZ#30	21.515	256	63391	51.914	ng/mL	99	
19) C13-BZ#18	22.327	256	42644	50.175	ng/mL	97	
20) C12-BZ#11	22.456	222	84038	52.383	ng/mL	99	
21) C13-BZ#17	22.537	256	40812	51.571	ng/mL	100	
22) C12-BZ#12	22.850	222	73555	51.829	ng/mL	98	
23) C13-BZ#27	22.898	256	57207	52.191	ng/mL	98	
24) C12-BZ#13	23.148	222	85284	52.157	ng/mL	99	
25) C13-BZ#24	23.164	256	58723	52.114	ng/mL	99	
26) C13-BZ#16	23.510	256	35150	50.834	ng/mL	96	
27) C13-BZ#32	23.711	256	62118	51.337	ng/mL	98	
28) C12-BZ#15-RTW	23.871	222	85659	51.699	ng/mL	100	

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071802.D
 Acq On : 7 Mar 2018 11:17 am
 Operator : BNA2:MJS
 Sample : WG1095518-2
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 08 11:01:53 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) C13-BZ#34	24.105	256	58193	51.461	ng/mL	100
30) C13-BZ#23	24.290	256	58023	52.286	ng/mL	99
31) C14-BZ#54-RTW	24.290	292	54182	52.375	ng/mL	98
32) C13-BZ#29-Cal	24.515	256	57003	50.882	ng/mL	99
33) Trichlorobiphenyls	0.000		0	N.D.	d	
34) C13- Conf Ion	0.000		0	N.D.	d	
35) C14-BZ#50-Cal	25.013	292	44127	51.053	ng/mL	98
36) Tetrachlorobiphenyls	0.000		0	N.D.	d	
37) C14-Conf Ion	0.000		0	N.D.	d	
38) C13-BZ#26	25.046	256	64195	51.087	ng/mL	99
39) C13-BZ#25	25.255	256	62244	50.882	ng/mL	98
40) C14-BZ#53	25.727	292	48492	50.858	ng/mL	98
41) C13-BZ#-31	25.826	256	83632	49.502	ng/mL	97
42) C13-BZ#28	26.025	256	79762	47.929	ng/mL	99
43) C13-BZ#33	26.108	256	73748M4	62.168	ng/mL	
44) C13-BZ#21/#20	26.157	256	150175M4	99.957	ng/mL	
45) C14-BZ#51	26.141	292	55226	52.469	ng/mL	98
46) C14-BZ#45	26.720	292	41774	50.823	ng/mL	100
47) C13-BZ#22	26.952	256	74174	50.675	ng/mL	98
48) C14-BZ#73/#46	27.084	292	113226	103.076	ng/mL	99
49) C14-BZ#69	27.366	292	64590	49.206	ng/mL	99
50) C14-BZ#43	27.465	292	45817	52.852	ng/mL	98
51) C13-BZ#36	27.498	256	87364	53.645	ng/mL	98
52) C14-BZ#52	27.597	292	53426	50.055	ng/mL	95
53) C14-BZ#48	27.779	292	48527	51.168	ng/mL	97
54) C14-BZ#49	27.928	292	50565	49.566	ng/mL	98
55) C15-BZ#104-RTW	28.144	326	54621	51.855	ng/mL	98
56) C14-BZ#47	28.226	292	57035M4	51.844	ng/mL	
57) C14-BZ#65/#75/#62	28.326	292	201283M4	155.733	ng/mL	
58) C13-BZ#39	28.359	256	79242	52.793	ng/mL	99
59) C13-BZ#38	28.491	256	76321	52.723	ng/mL	98
60) C14-BZ#44	28.872	292	44545	50.160	ng/mL	99
61) C14-BZ#59	29.104	292	64797	49.754	ng/mL	98
62) C14-BZ#42	29.186	292	43049	51.027	ng/mL	96
63) C14-BZ#71	29.435	292	69159	50.566	ng/mL	99
64) C13-BZ#35	29.550	256	77256	51.034	ng/mL	99
65) C14-BZ#41	29.666	292	42346	50.987	ng/mL	99
66) C14-BZ#72	29.782	292	74745	52.222	ng/mL	100
67) C15-BZ#96	29.799	326	61372	53.883	ng/mL	97
68) C15-BZ#103	29.931	326	46222	52.494	ng/mL	98
69) C14-BZ#68/#64	30.097	292	139171	105.004	ng/mL	100

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071802.D
 Acq On : 7 Mar 2018 11:17 am
 Operator : BNA2:MJS
 Sample : WG1095518-2
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 08 11:01:53 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) C14-BZ#40	30.212	292	32173	49.847	ng/mL	98
71) C13-BZ#37-RTW	30.411	256	103623	51.486	ng/mL	97
72) C15-BZ#100	30.411	326	50949	53.696	ng/mL	99
73) C15-BZ#94	30.527	326	36904	52.683	ng/mL	99
74) C14-BZ#57	30.626	292	72446	50.863	ng/mL	99
75) C14-BZ#67/#58	30.941	292	148822	103.818	ng/mL	100
76) C15-BZ#102	31.007	326	54303	53.842	ng/mL	100
77) C14-BZ#61	31.305	292	71508	50.649	ng/mL	99
78) C15-BZ#98	31.321	326	48246	52.216	ng/mL	100
79) C14-BZ#76	31.470	292	81566	54.671	ng/mL	100
80) C15-BZ#93	31.454	326	39567	53.085	ng/mL	99
81) C14-BZ#63	31.553	292	64319M4	48.053	ng/mL	
82) C15-BZ#121/#95/#88	31.619	326	159348	161.090	ng/mL	100
83) C14-BZ#74	31.834	292	75328	50.879	ng/mL	98
84) C16-BZ#155-RTW	31.967	360	55570	50.677	ng/mL	98
85) C14-BZ#70	32.000	292	75982	49.829	ng/mL	100
86) C14-BZ#66	32.281	292	70636	51.169	ng/mL	99
87) C15-BZ#91	32.165	326	44952	51.554	ng/mL	98
88) C14-BZ#80	32.563	292	72951	50.470	ng/mL	99
89) C14-BZ#55	32.745	292	74116	50.216	ng/mL	98
90) C15-BZ#92	32.794	326	44737	52.595	ng/mL	100
91) C15-BZ#89/#84	33.076	326	83826	102.838	ng/mL	98
92) C15-BZ#101/#90	33.208	326	98326M4	104.707	ng/mL	
94) C14-BZ#56	33.208	292	75797	51.909	ng/mL	100
95) C15-BZ#113	33.307	326	61480M4	55.695	ng/mL	
96) C15-BZ#99	33.572	326	53757	50.694	ng/mL	99
97) C16-BZ#150	33.622	360	60540	51.491	ng/mL	98
98) C14-BZ#60	33.638	292	80043	51.301	ng/mL	99
99) C16-BZ#152	33.986	360	64121	50.870	ng/mL	100
100) C15-BZ#119	34.069	326	66351M6	51.658	ng/mL	
101) C15-BZ#83/#125/#112	34.218	326	169225M4	158.323	ng/mL	
102) C15-BZ#86/#109	34.383	326	113949M4	107.228	ng/mL	
103) C15-BZ#97	34.499	326	41106	51.887	ng/mL	98
104) C15-BZ#116	34.962	326	55822	51.060	ng/mL	99
105) C15-BZ#87/#111	35.260	326	116840M4	109.325	ng/mL	
106) Pentachlorobiphenyls	0.000		0	N.D.	d	
107) C15-Conf Ion	0.000		0	N.D.	d	
108) C16-BZ#145	34.433	360	66569	51.156	ng/mL	99
109) C16-BZ#148	34.631	360	45293	50.944	ng/mL	99
110) C14-BZ#79	34.747	292	70346	48.945	ng/mL	100
111) C16-BZ#154-Cal	35.161	360	52326	50.925	ng/mL	98

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071802.D
 Acq On : 7 Mar 2018 11:17 am
 Operator : BNA2:MJS
 Sample : WG1095518-2
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 08 11:01:53 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112) Hexachlorobiphenyls	0.000		0		N.D.	d
113) Cl6-Conf Ion	0.000		0		N.D.	d
114) Cl4-BZ#78	35.227	292	92532	52.012	ng/mL	84
115) Cl6-BZ#136	35.293	360	59901M4	52.586	ng/mL	
116) Cl5-BZ#117	35.360	326	66629M4	49.259	ng/mL	
117) Cl5-BZ#115	35.442	326	71710M4	53.498	ng/mL	
118) Cl5-BZ#85	35.525	326	46255M6	55.248	ng/mL	
119) Cl5-BZ#120	35.658	326	67944	51.854	ng/mL	100
120) Cl5-BZ#110	35.807	326	62908	49.740	ng/mL	100
121) Cl4-BZ#81	36.187	292	71968	49.879	ng/mL	99
123) Cl6-BZ#151	36.204	360	45182	52.655	ng/mL	98
124) Cl6-BZ#135	36.336	360	48638	53.738	ng/mL	99
125) Cl5-BZ#82	36.502	326	41892	54.109	ng/mL	98
126) Cl6-BZ#144	36.535	360	47173	53.461	ng/mL	99
127) Cl6-BZ#147/#149	36.849	360	98873	104.950	ng/mL	97
128) Cl4-BZ#77-RTW	36.949	292	66746M4	51.844	ng/mL	
129) Cl6-BZ#143/#139	37.081	360	97588	107.785	ng/mL	99
130) Cl5-BZ#124	37.230	326	66310	54.474	ng/mL	99
131) Cl5-BZ#108	37.511	326	63135	51.059	ng/mL	100
132) Cl5-BZ#107/#123	37.611	326	147404M4	111.810	ng/mL	
133) Cl6-BZ#140	37.263	360	47151	53.886	ng/mL	98
134) Cl7-BZ#188-Cal/RTW	37.627	394	56282	54.696	ng/mL	99
135) Heptachlorobiphenyls	0.000		0		N.D.	d
136) Cl7-Conf Ion	0.000		0		N.D.	d
137) Cl6-BZ#134	37.710	360	39831	53.410	ng/mL	96
138) Cl5-BZ#106	37.743	326	61664	51.441	ng/mL	99
139) Cl6-BZ#133	37.826	360	52104M4	51.332	ng/mL	
140) Cl6-BZ#142	37.842	360	39147M4	57.389	ng/mL	
141) Cl5-BZ#118	37.975	326	64122	55.111	ng/mL	96
142) Cl6-BZ#131	37.975	360	41861	53.266	ng/mL	99
143) Cl7-BZ#184	38.107	394	54304	53.400	ng/mL	100
144) Cl6-BZ#165	38.173	360	58279	52.709	ng/mL	96
145) Cl6-BZ#146	38.289	360	51819	53.536	ng/mL	100
146) Cl6-BZ#161	38.455	360	65794	53.430	ng/mL	100
147) Cl5-BZ#122	38.438	326	57091	53.260	ng/mL	98
148) Cl6-BZ#168	38.670	360	59551	50.327	ng/mL	98
149) Cl5-BZ#114	38.719	326	64578	54.862	ng/mL	99
150) Cl6-BZ#153	38.736	360	59488M4	56.466	ng/mL	
152) Cl6-BZ#132	39.001	360	43561	51.521	ng/mL	98
153) Cl7-BZ#179	39.266	394	54531	51.938	ng/mL	100
154) Cl6-BZ#141	39.564	360	43055	50.901	ng/mL	100

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071802.D
 Acq On : 7 Mar 2018 11:17 am
 Operator : BNA2:MJS
 Sample : WG1095518-2
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 08 11:01:53 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
155) C17-BZ#176	39.762	394	50999	51.144	ng/mL	99
156) C15-BZ#105	39.828	326	74580M4	51.774	ng/mL	
157) C16-BZ#137	39.994	360	45622	52.621	ng/mL	98
158) C15-BZ#127	40.143	326	82191	52.016	ng/mL#	75
159) C17-BZ#186	40.093	394	58470	52.690	ng/mL	100
160) C16-BZ#130/#164	40.341	360	106442	105.245	ng/mL	98
161) C17-BZ#178	40.639	394	38819	51.049	ng/mL	99
162) C16-BZ#138	40.706	360	52949M4	51.503	ng/mL	
163) C16-BZ#163/#160	40.805	360	122722M4	105.557	ng/mL	
164) C16-BZ#129/#158	41.003	360	104442M4	107.765	ng/mL	
165) C17-BZ#182/#175	41.037	394	94188	108.207	ng/mL	100
166) C17-BZ#187	41.219	394	45591	51.139	ng/mL	96
167) C17-BZ#183	41.599	394	43911	51.249	ng/mL	99
168) C16-BZ#166	41.963	360	64247	50.872	ng/mL	98
169) C16-BZ#159	42.212	360	64526	51.092	ng/mL	98
170) C15-BZ#126-RTW	42.427	326	82520	53.430	ng/mL	89
171) C17-BZ#185	42.460	394	40990	51.431	ng/mL	100
172) C16-BZ#162	42.543	360	60809	51.956	ng/mL	98
173) C17-BZ#174	42.692	394	40866	51.645	ng/mL	99
174) C16-BZ#128	42.708	360	46443	53.655	ng/mL	100
175) C16-BZ#167	43.006	360	82917M4	53.390	ng/mL	
176) C18-BZ#202-RTW	42.940	428	46742	52.200	ng/mL	98
178) C17-BZ#181	43.089	394	46789	52.594	ng/mL	98
179) C17-BZ#177	43.420	394	40139	52.039	ng/mL	99
180) C18-BZ#204/#200-Cal	43.519	428	91217	103.734	ng/mL	100
181) Octachlorobiphenyls	0.000		0	N.D.	d	
182) C18-Conf Ion	0.000		0	N.D.	d	
183) C17-BZ#171	43.718	394	38341	50.752	ng/mL	98
184) C17-BZ#173	43.949	394	37611	50.530	ng/mL	99
185) C17-BZ#172	44.396	394	39547	49.416	ng/mL	97
186) C17-BZ#192	44.595	394	56010	51.099	ng/mL	100
187) C16-BZ#156	44.611	360	62066	51.287	ng/mL	99
188) C16-BZ#157	44.860	360	64036	51.226	ng/mL	97
189) C17-BZ#180	44.893	394	51399	52.793	ng/mL	96
190) C17-BZ#193	44.992	394	48978	48.882	ng/mL	99
191) C18-BZ#197	44.032	428	45861	51.096	ng/mL	97
192) C17-BZ#191	45.323	394	52553	50.511	ng/mL	97
193) C18-BZ#199	45.141	428	44917	50.362	ng/mL	99
194) C18-BZ#198	46.680	428	38274	50.565	ng/mL	98
195) C18-BZ#201	46.763	428	33057	50.602	ng/mL	99
196) C17-BZ#170	46.895	394	38573	51.171	ng/mL	96

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071802.D
 Acq On : 7 Mar 2018 11:17 am
 Operator : BNA2:MJS
 Sample : WG1095518-2
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 08 11:01:53 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Mon Feb 26 16:07:10 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
197) C17-BZ#190	47.227	394	56880	51.842	ng/mL	98
198) C18-BZ#196	47.227	428	35093	49.535	ng/mL	100
199) C18-BZ#203	47.309	428	39740	51.920	ng/mL	99
200) C16-BZ#169-RTW	47.591	360	67900	50.797	ng/mL	98
201) C19-BZ#208-RTW	48.733	464	45364	47.925	ng/mL	98
202) C19-BZ#207	49.411	464	46348	50.170	ng/mL	96
203) C17-BZ#189-RTW	49.577	394	50106	50.168	ng/mL	98
204) C18-BZ#195	49.726	428	34284	49.243	ng/mL	94
205) C18-BZ#194	51.414	428	36067	48.389	ng/mL	97
206) C18-BZ#205-RTW	51.993	428	43035	47.113	ng/mL	99
207) C19-BZ#206-Cal/RTW	54.012	464	36201	47.531	ng/mL	100
208) Nonachlorobiphenyls	0.000		0	N.D.	d	
209) C19-Conf Ion	0.000		0	N.D.	d	
210) C110-BZ#209-Cal/RTW	56.296	498	35620	47.154	ng/mL#	80
211) Decachlorobiphenyl	0.000		0	N.D.	d	
212) C110-Conf Ion	0.000		0	N.D.	d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sample Raw Data

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071811.D
 Acq On : 7 Mar 2018 10:38 pm
 Operator : BNA2:MJS
 Sample : L1806872-01,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 09 13:42:19 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Homologs - Homologs Only

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.864	234	362171	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.943	406	196144M4	200.000	ng/mL	0.07	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.952	268	48666	76.414	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	76.41%			
93) C15-BZ#101-C13 (surr)	33.208	338	73539	79.000	ng/mL	0.03	
Spiked Amount	100.000	Range 50 - 125	Recovery =	79.00%			
151) C16-BZ#153-C13 (surr)	38.753	372	72724	80.668	ng/mL	0.03	
Spiked Amount	100.000	Range 50 - 125	Recovery =	80.67%			
177) C18-BZ#202-C13 (surr)	42.973	442	66256	71.725	ng/mL	0.05	
Spiked Amount	100.000	Range 50 - 125	Recovery =	71.72%			
Target Compounds							
4) Monochlorobiphenyls	0.000		0		N.D.	d	Qvalue
5) C11- Conf Ion	0.000		0		N.D.	d	
14) Dichlorobiphenyls	20.197	222	23828M5	16.580	ng/mL		
15) C12-Conf Ion	18.789	224	147378M5	102.548	ng/mL		
33) Trichlorobiphenyls	22.336	256	36755M5	35.357	ng/mL		
34) C13- Conf Ion	22.336	258	36371M5	34.987	ng/mL		
36) Tetrachlorobiphenyls	28.888	292	35585M5	44.369	ng/mL		
37) C14-Conf Ion	28.888	290	34107M5	42.526	ng/mL		
106) Pentachlorobiphenyls	0.000		0		N.D.	d	
107) C15-Conf Ion	0.000		0		N.D.	d	
112) Hexachlorobiphenyls	0.000		0		N.D.	d	
113) C16-Conf Ion	0.000		0		N.D.	d	
135) Heptachlorobiphenyls	0.000		0		N.D.	d	
136) C17-Conf Ion	0.000		0		N.D.	d	
181) Octachlorobiphenyls	0.000		0		N.D.	d	
182) C18-Conf Ion	0.000		0		N.D.	d	
208) Nonachlorobiphenyls	0.000		0		N.D.	d	
209) C19-Conf Ion	0.000		0		N.D.	d	
211) Decachlorobiphenyl	0.000		0		N.D.	d	
212) C110-Conf Ion	0.000		0		N.D.	d	

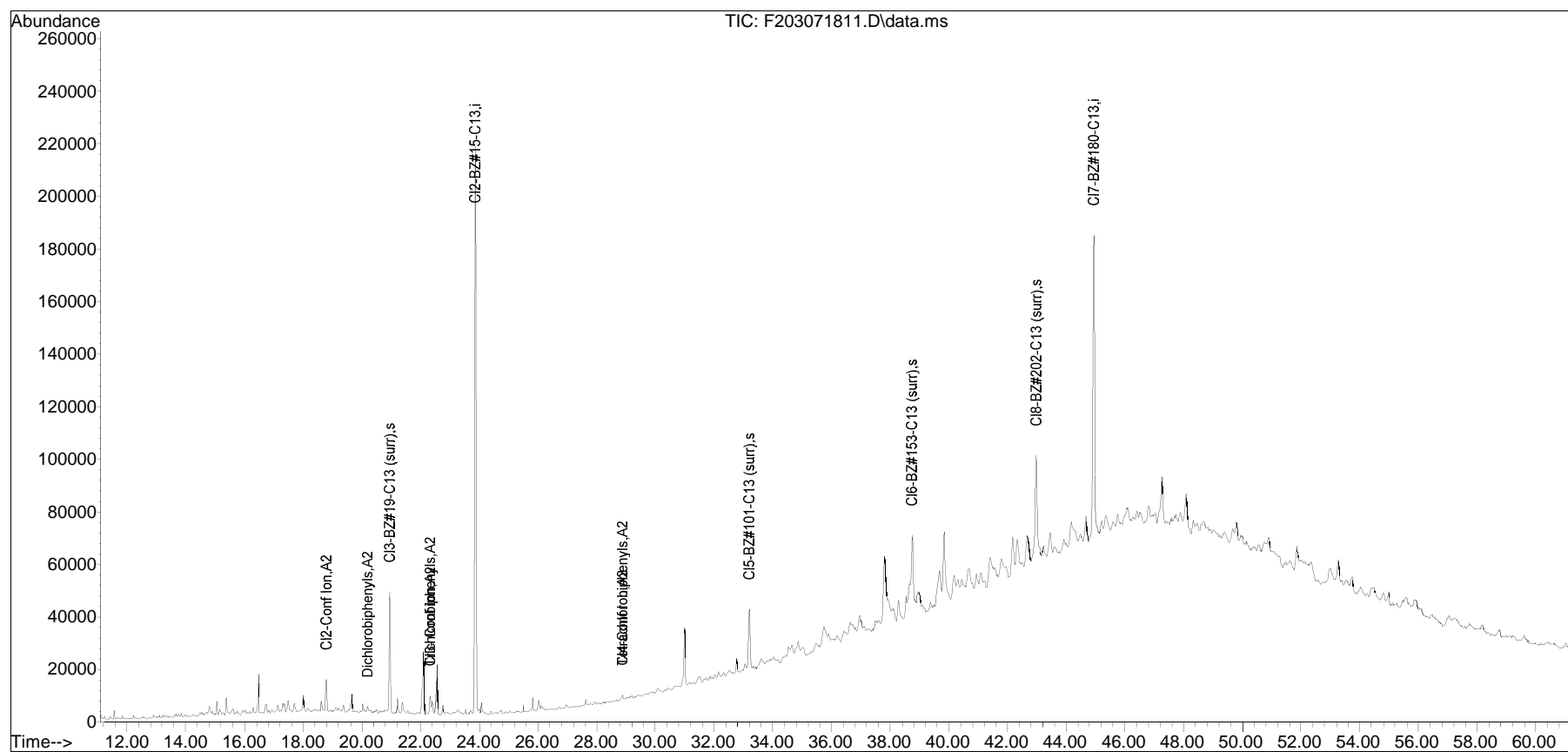
(#) = qualifier out of range (m) = manual integration (+) = signals summed

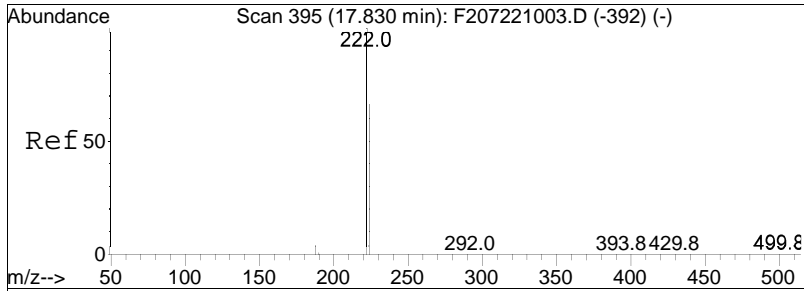
Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
Data File : F203071811.D
Acq On : 7 Mar 2018 10:38 pm
Operator : BNA2:MJS
Sample : L1806872-01,HN
Misc : WG1095518,WG1094741,ICAL14481
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 09 13:42:19 2018
Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
Quant Title : Method 680 PCB's by GC/MS
QLast Update : Thu Mar 08 11:02:39 2018
Response via : Initial Calibration

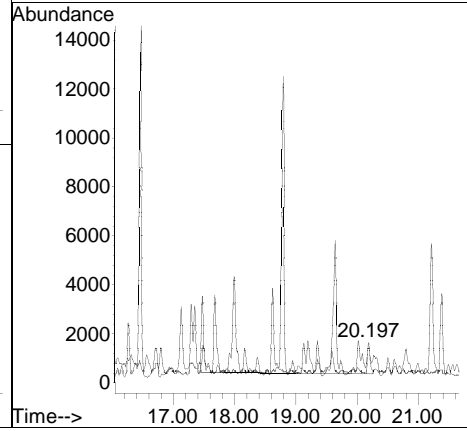
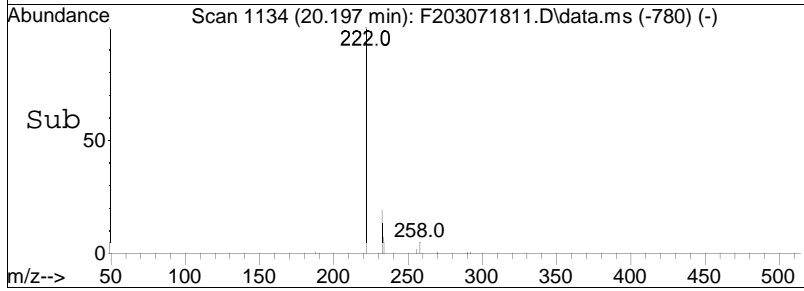
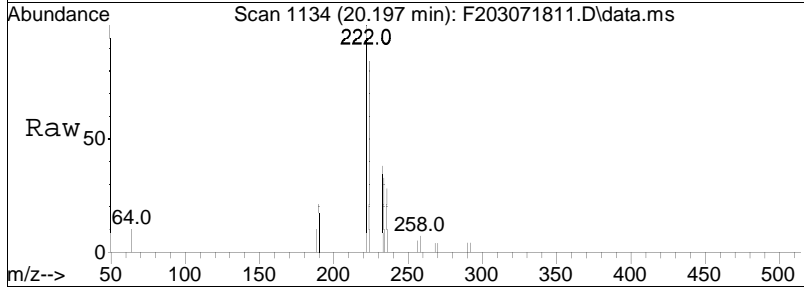
Sub List : Homologs - Homologs Only

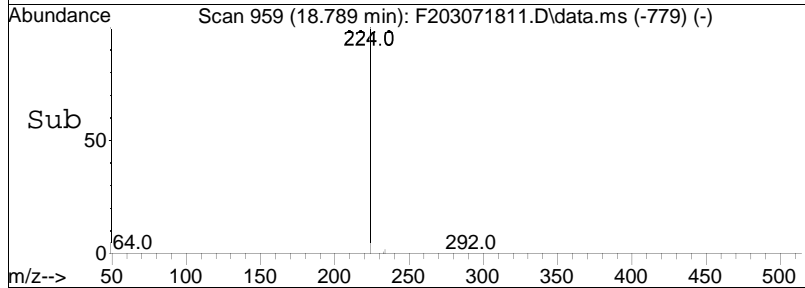
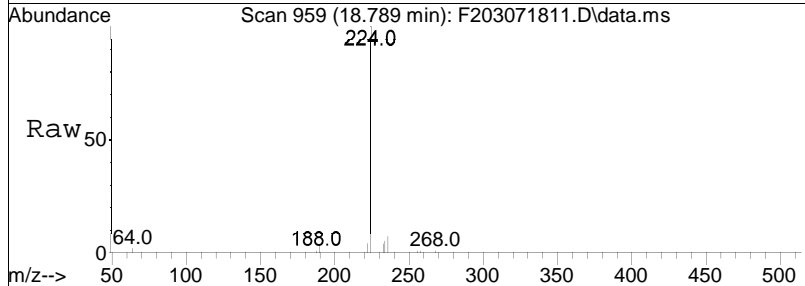
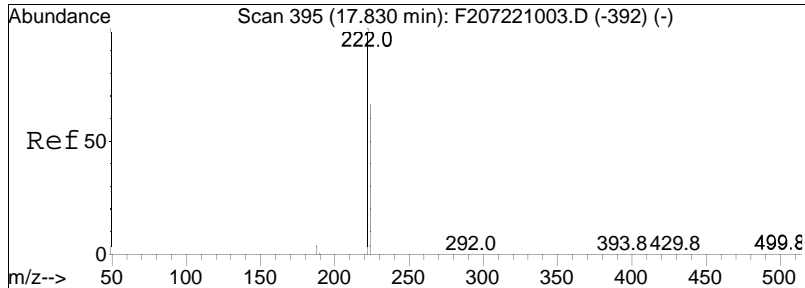




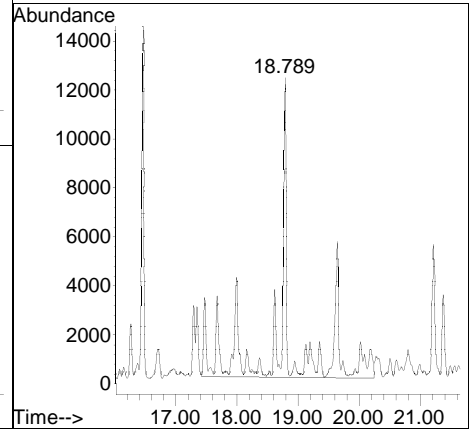
#14
 Dichlorobiphenyls
 Concen: 16.58 ng/mL M5
 RT: 20.197 min Scan# 1134
 Delta R.T. 2.645 min
 Lab File: F203071811.D
 Acq: 7 Mar 2018 10:38 pm

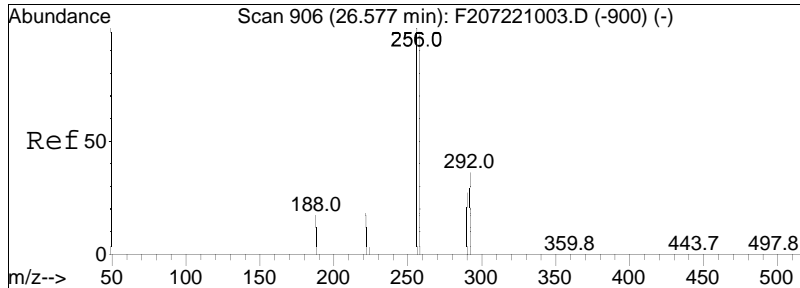
Tgt Ion: 222 Resp: 23828
 Ion Ratio Lower Upper
 222 100
 224 0.0 52.1 78.1#





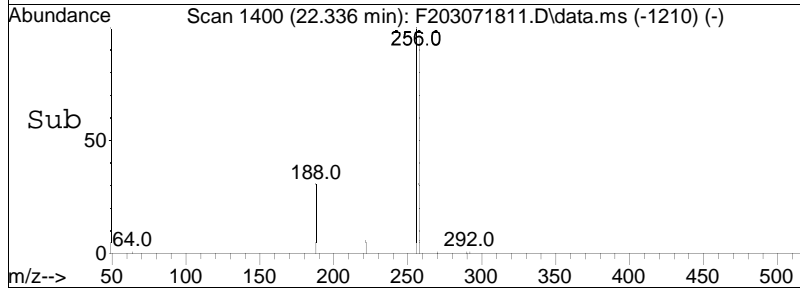
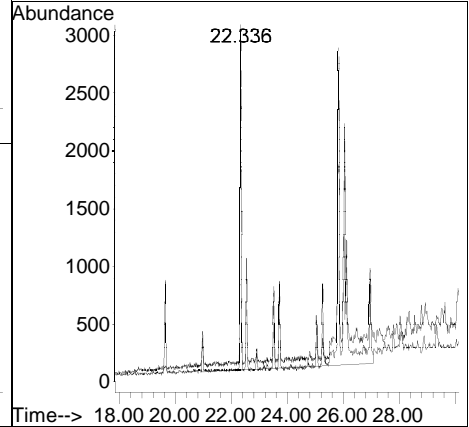
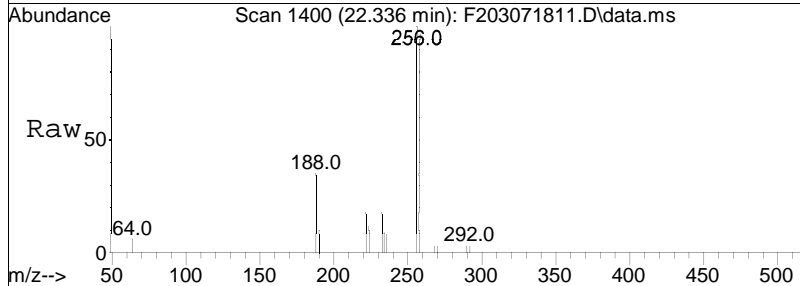
#15
Cl2-Conf Ion
Concen: 102.55 ng/mL M5
RT: 18.789 min Scan# 959
Delta R.T. 1.237 min
Lab File: F203071811.D
Acq: 7 Mar 2018 10:38 pm
Tgt Ion:224 Resp: 147378

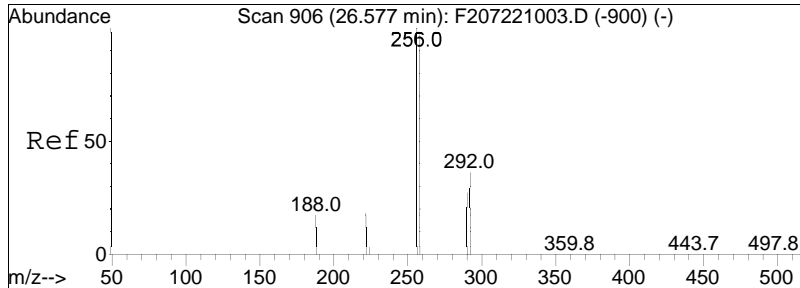




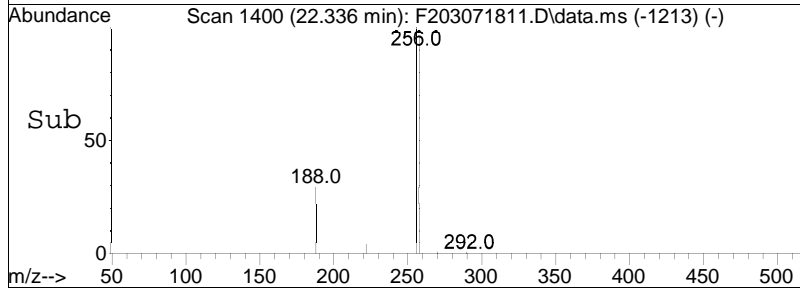
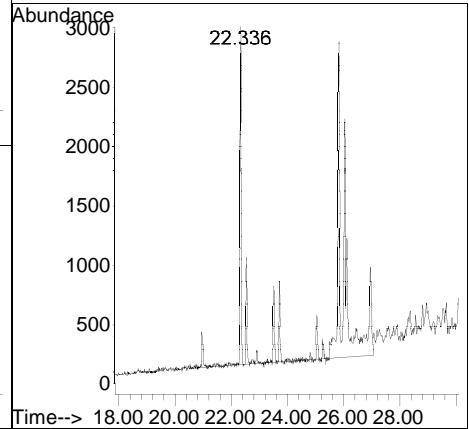
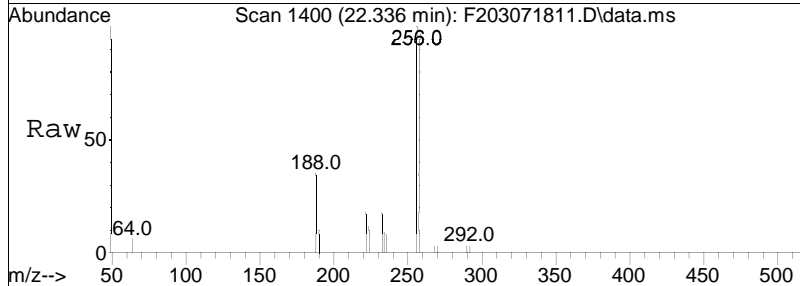
#33
 Trichlorobiphenyls
 Concen: 35.36 ng/mL M5
 RT: 22.336 min Scan# 1400
 Delta R.T. -3.874 min
 Lab File: F203071811.D
 Acq: 7 Mar 2018 10:38 pm

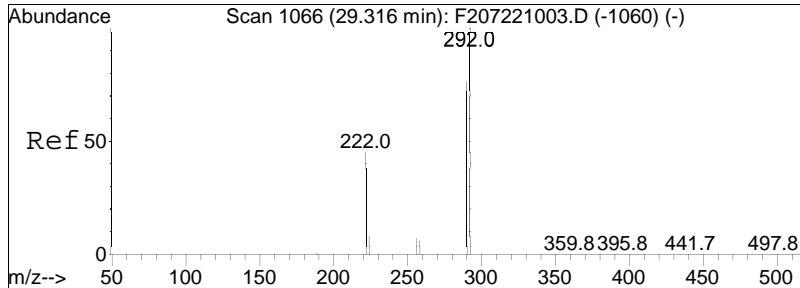
Tgt Ion	Resp	Lower	Upper
256	100		
258	8.5	76.8	115.2#





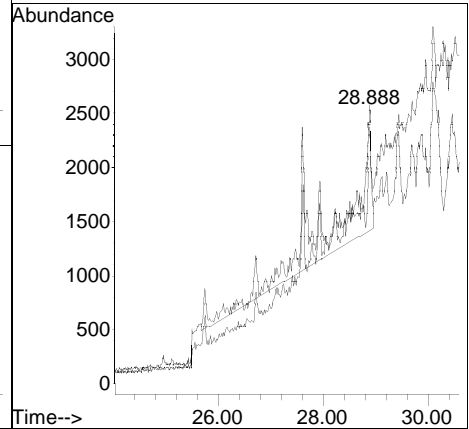
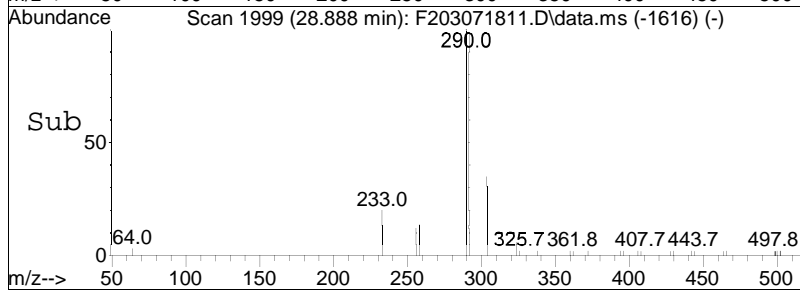
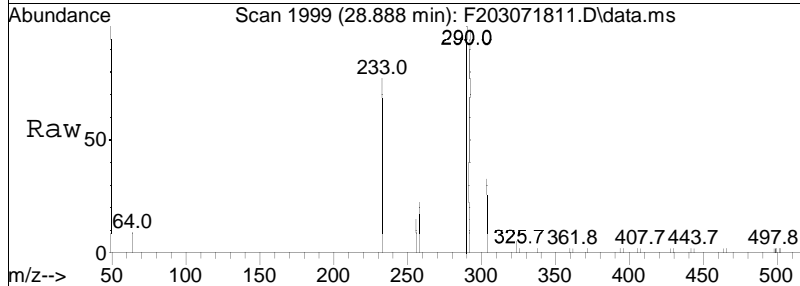
#34
 Cl3- Conf Ion
 Concen: 34.99 ng/mL M5
 RT: 22.336 min Scan# 1400
 Delta R.T. -3.874 min
 Lab File: F203071811.D
 Acq: 7 Mar 2018 10:38 pm
 Tgt Ion: 258 Resp: 36371

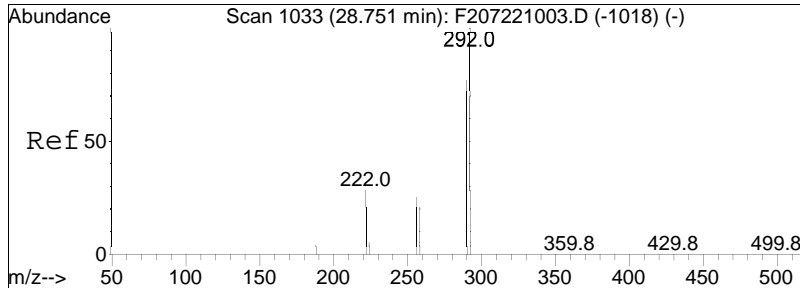




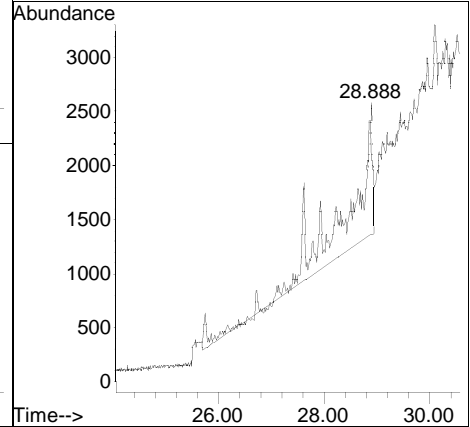
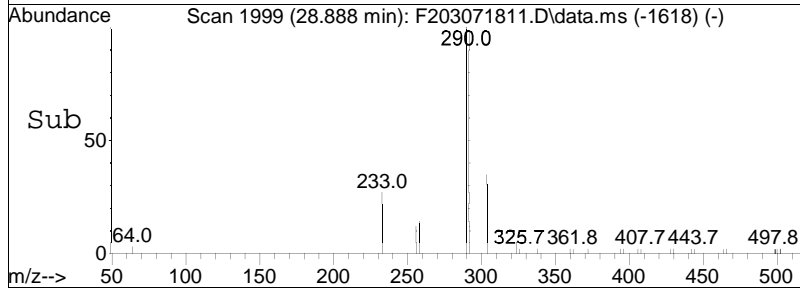
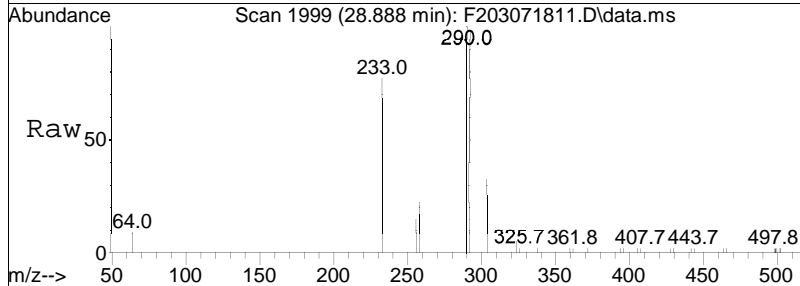
#36
 Tetrachlorobiphenyls
 Concen: 44.37 ng/mL M5
 RT: 28.888 min Scan# 1999
 Delta R.T. 0.516 min
 Lab File: F203071811.D
 Acq: 7 Mar 2018 10:38 pm

Tgt Ion	Resp	Lower	Upper
292	100		
290	0.0	61.0	91.4#





#37
 Cl4-Conf Ion
 Concen: 42.53 ng/mL M5
 RT: 28.888 min Scan# 1999
 Delta R.T. 0.533 min
 Lab File: F203071811.D
 Acq: 7 Mar 2018 10:38 pm
 Tgt Ion: 290 Resp: 34107



Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071812.D
 Acq On : 7 Mar 2018 11:52 pm
 Operator : BNA2:MJS
 Sample : L1806872-02,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 09 12:48:07 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Homologs - Homologs Only

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.864	234	357670	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.876	406	194404M4	200.000	ng/mL	0.00	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.953	268	52441	83.378	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	83.38%			
93) C15-BZ#101-C13 (surr)	33.192	338	86393	93.976	ng/mL	0.02	
Spiked Amount	100.000	Range 50 - 125	Recovery =	93.98%			
151) C16-BZ#153-C13 (surr)	38.736	372	87097	97.476	ng/mL	0.02	
Spiked Amount	100.000	Range 50 - 125	Recovery =	97.48%			
177) C18-BZ#202-C13 (surr)	42.940	442	79640	86.985	ng/mL	0.02	
Spiked Amount	100.000	Range 50 - 125	Recovery =	86.98%			
Target Compounds							
4) Monochlorobiphenyls	0.000		0		N.D.	d	Qvalue
5) C11- Conf Ion	0.000		0		N.D.	d	
14) Dichlorobiphenyls	20.189	222	36745M5	25.890	ng/mL		
15) C12-Conf Ion	20.180	224	24894M5	17.540	ng/mL		
33) Trichlorobiphenyls	25.827	256	101796M5	99.156	ng/mL		
34) C13- Conf Ion	25.827	258	89913M5	87.581	ng/mL		
36) Tetrachlorobiphenyls	27.614	292	77794M5	98.217	ng/mL		
37) C14-Conf Ion	27.614	290	67525M5	85.252	ng/mL		
106) Pentachlorobiphenyls	31.636	326	7143M5	7.293	ng/mL		
107) C15-Conf Ion	37.727	324	22639M5	23.116	ng/mL		
112) Hexachlorobiphenyls	0.000		0		N.D.	d	
113) C16-Conf Ion	0.000		0		N.D.	d	
135) Heptachlorobiphenyls	0.000		0		N.D.	d	
136) C17-Conf Ion	0.000		0		N.D.	d	
181) Octachlorobiphenyls	0.000		0		N.D.	d	
182) C18-Conf Ion	0.000		0		N.D.	d	
208) Nonachlorobiphenyls	0.000		0		N.D.	d	
209) C19-Conf Ion	0.000		0		N.D.	d	
211) Decachlorobiphenyl	0.000		0		N.D.	d	
212) C110-Conf Ion	0.000		0		N.D.	d	

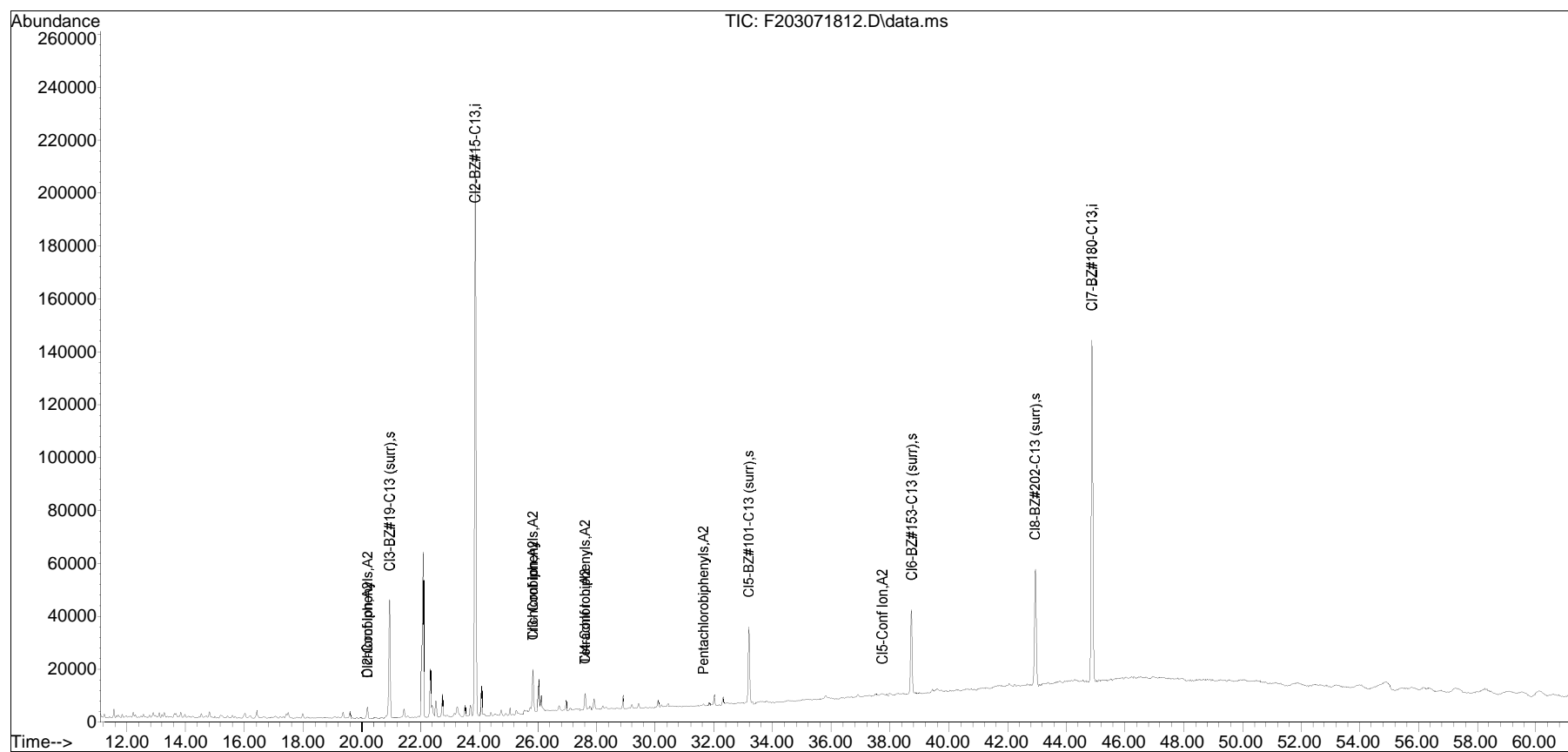
(#) = qualifier out of range (m) = manual integration (+) = signals summed

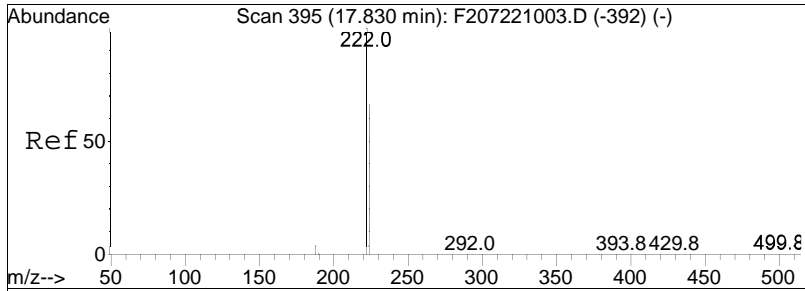
Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
Data File : F203071812.D
Acq On : 7 Mar 2018 11:52 pm
Operator : BNA2:MJS
Sample : L1806872-02,HN
Misc : WG1095518,WG1094741,ICAL14481
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 09 12:48:07 2018
Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
Quant Title : Method 680 PCB's by GC/MS
QLast Update : Thu Mar 08 11:02:39 2018
Response via : Initial Calibration

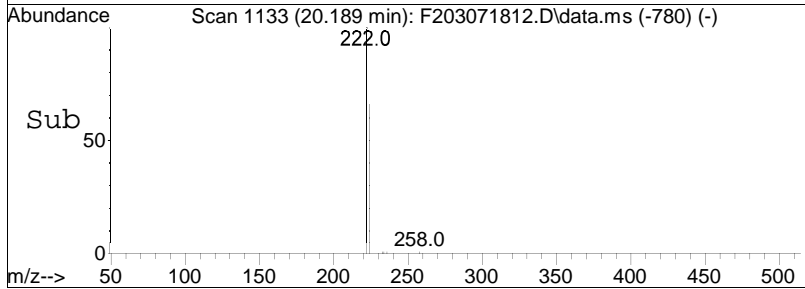
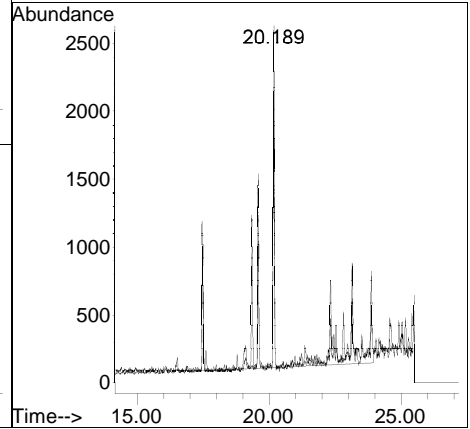
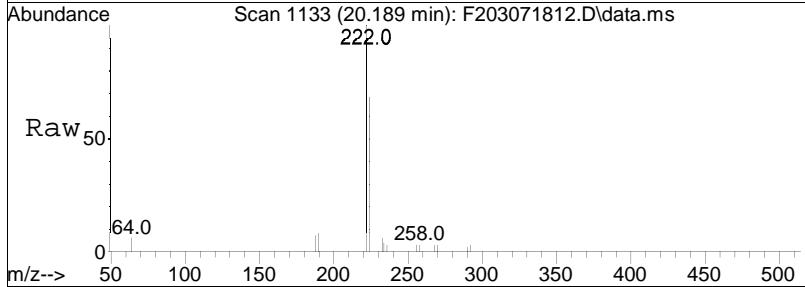
Sub List : Homologs - Homologs Only

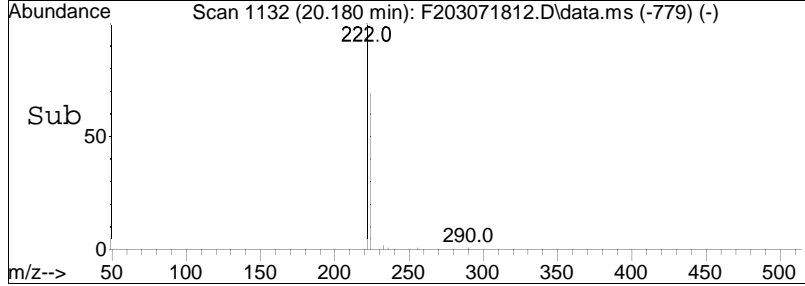
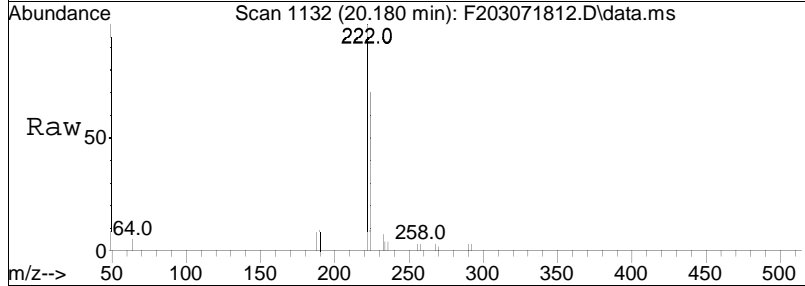
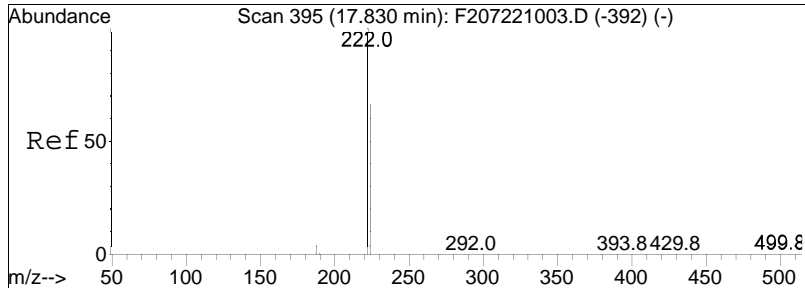




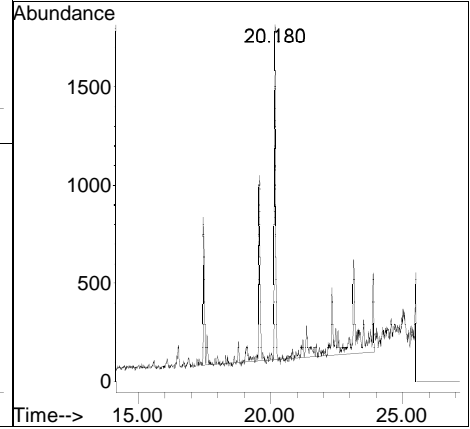
#14
 Dichlorobiphenyls
 Concen: 25.89 ng/mL M5
 RT: 20.189 min Scan# 1133
 Delta R.T. 2.637 min
 Lab File: F203071812.D
 Acq: 7 Mar 2018 11:52 pm

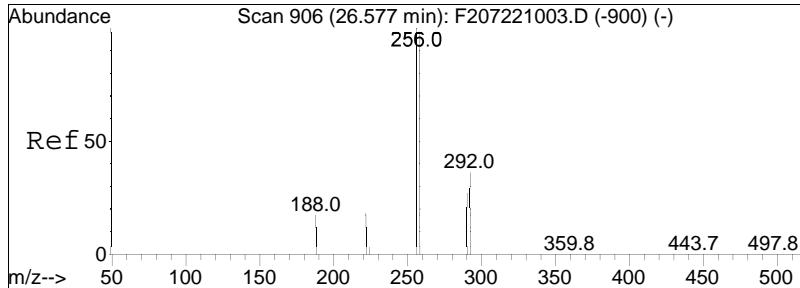
Tgt Ion	Resp	Lower	Upper
222	100		
224	6.4	52.1	78.1#





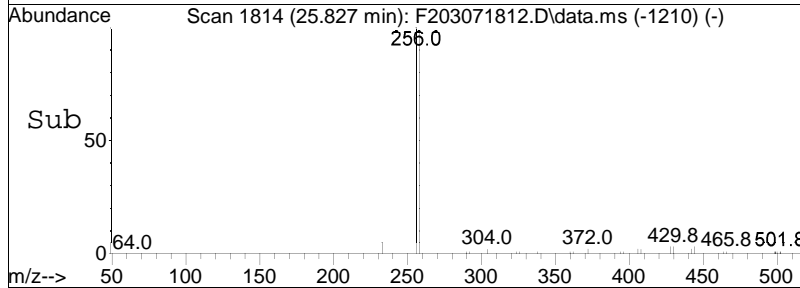
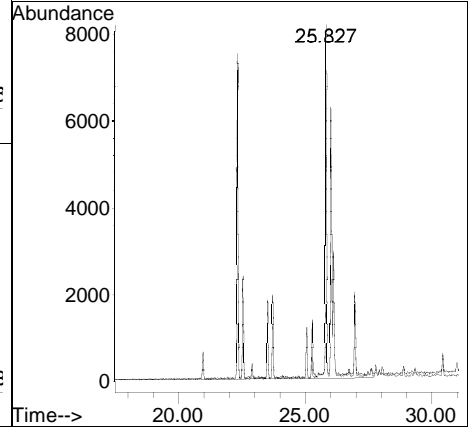
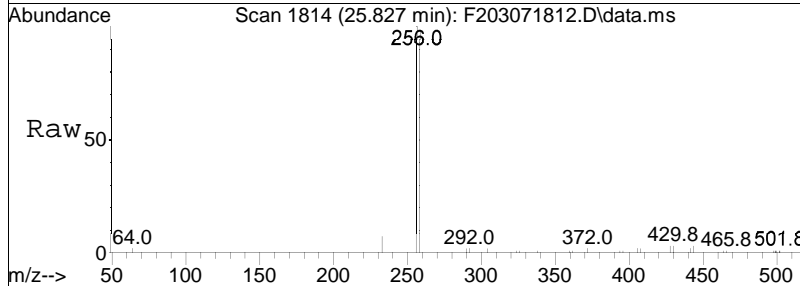
#15
Cl2-Conf Ion
Concen: 17.54 ng/mL M5
RT: 20.180 min Scan# 1132
Delta R.T. 2.628 min
Lab File: F203071812.D
Acq: 7 Mar 2018 11:52 pm
Tgt Ion: 224 Resp: 24894

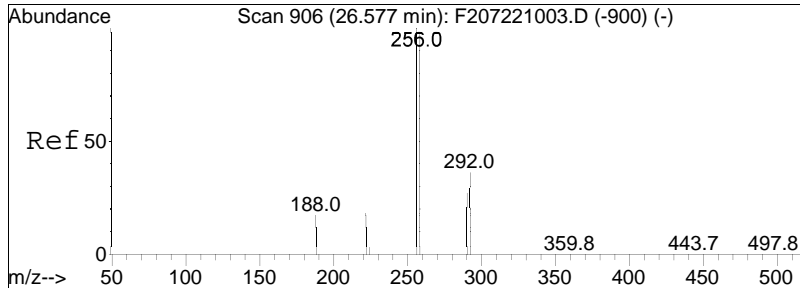




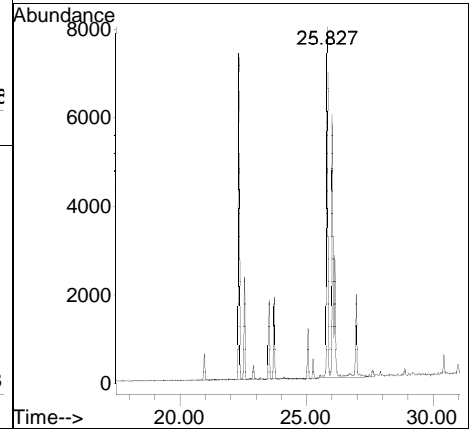
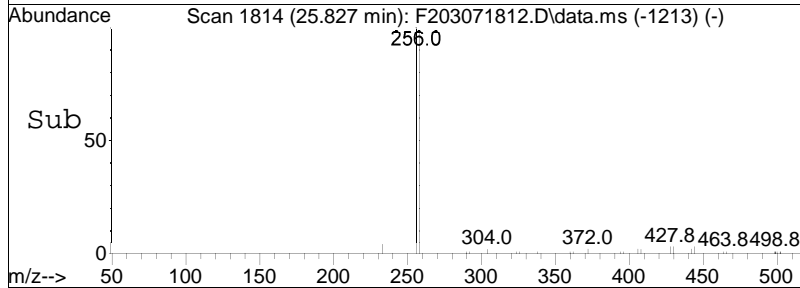
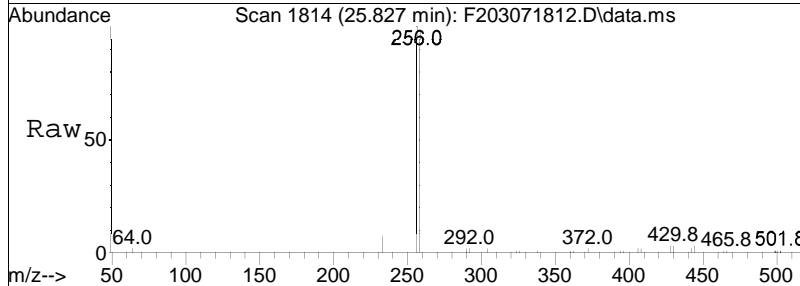
#33
 Trichlorobiphenyls
 Concen: 99.16 ng/mL M5
 RT: 25.827 min Scan# 1814
 Delta R.T. -0.383 min
 Lab File: F203071812.D
 Acq: 7 Mar 2018 11:52 pm

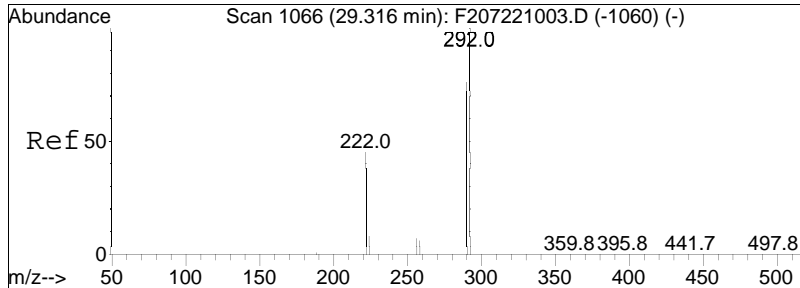
Tgt Ion	Resp	Lower	Upper
256	100		
258	8.8	76.8	115.2#





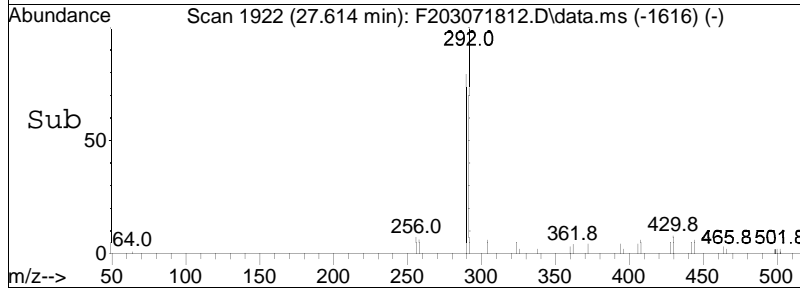
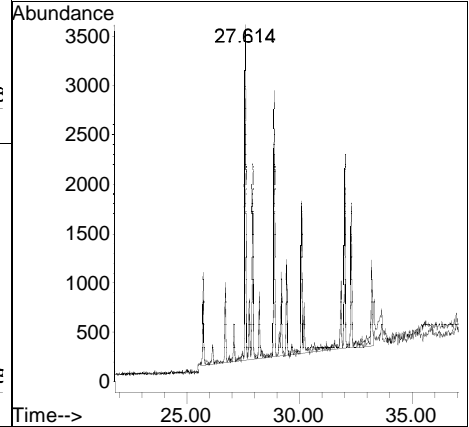
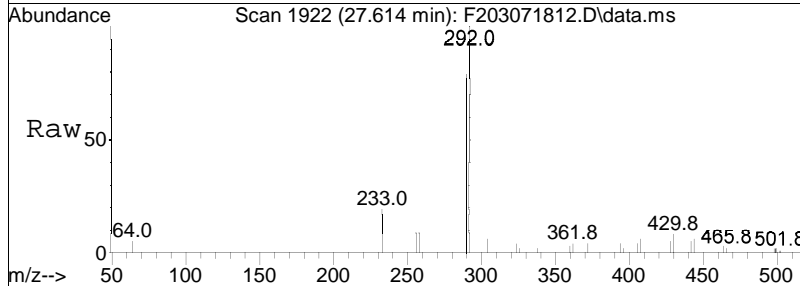
#34
 Cl3- Conf Ion
 Concen: 87.58 ng/mL M5
 RT: 25.827 min Scan# 1814
 Delta R.T. -0.383 min
 Lab File: F203071812.D
 Acq: 7 Mar 2018 11:52 pm
 Tgt Ion: 258 Resp: 89913

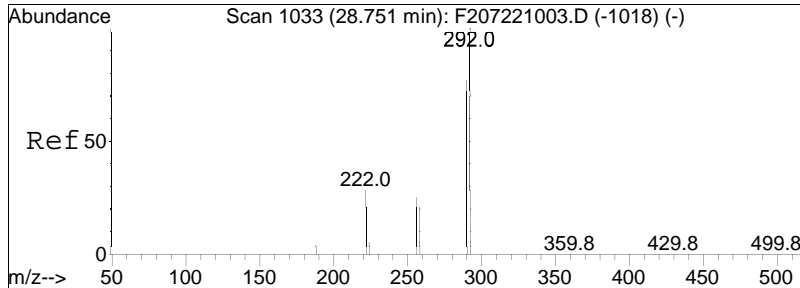




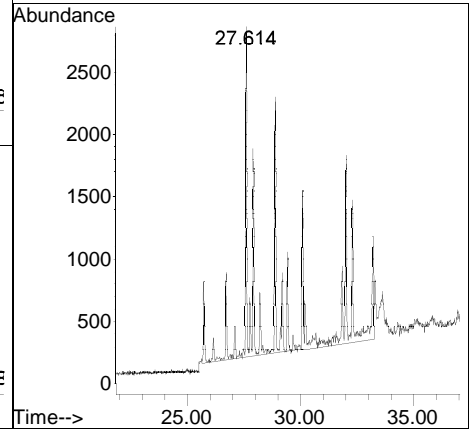
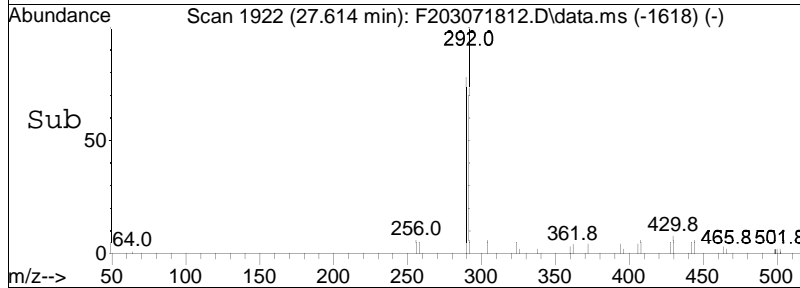
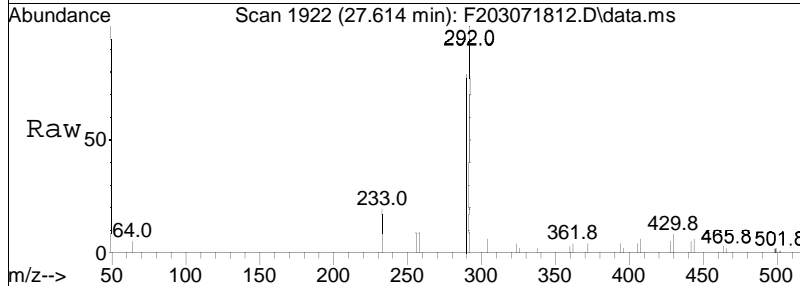
#36
 Tetrachlorobiphenyls
 Concen: 98.22 ng/mL M5
 RT: 27.614 min Scan# 1922
 Delta R.T. -0.758 min
 Lab File: F203071812.D
 Acq: 7 Mar 2018 11:52 pm

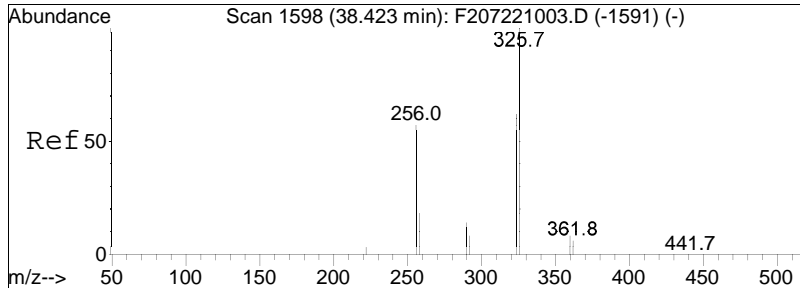
Tgt Ion	Resp	Lower	Upper
292	100		
290	2.3	61.0	91.4#





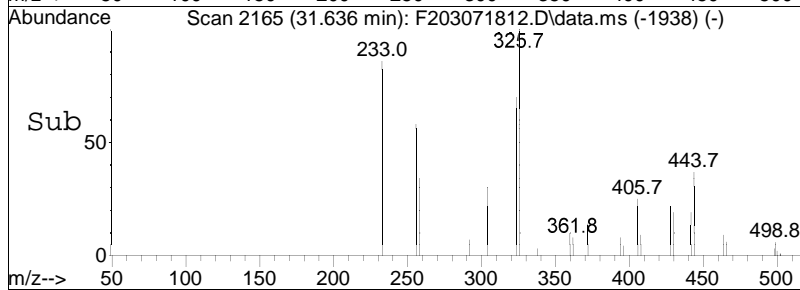
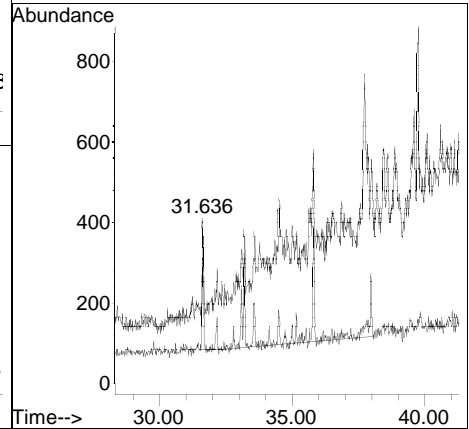
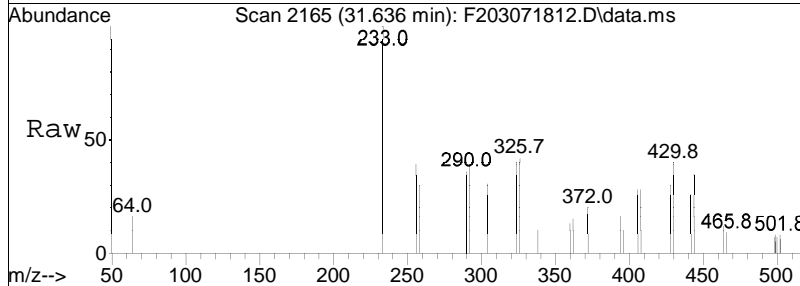
#37
 Cl4-Conf Ion
 Concen: 85.25 ng/mL M5
 RT: 27.614 min Scan# 1922
 Delta R.T. -0.741 min
 Lab File: F203071812.D
 Acq: 7 Mar 2018 11:52 pm
 Tgt Ion: 290 Resp: 67525

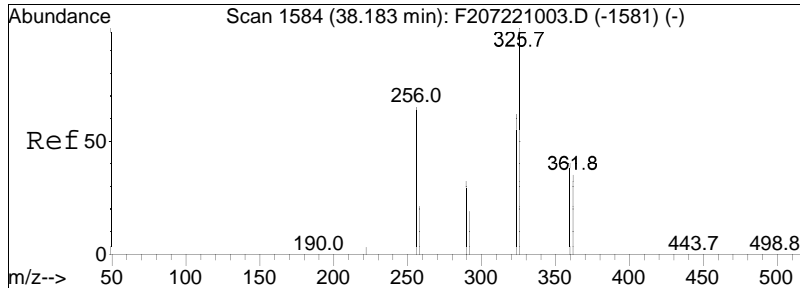




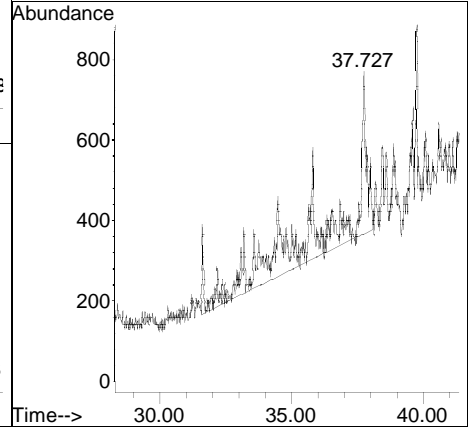
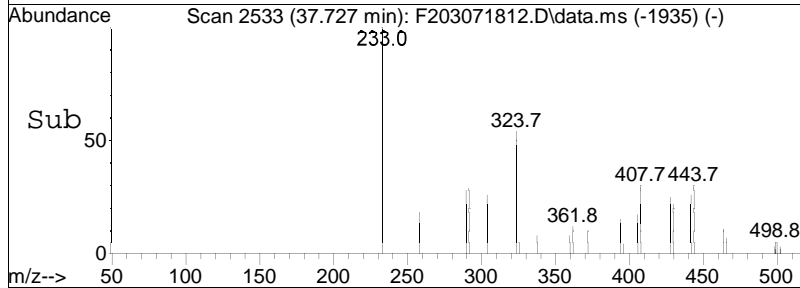
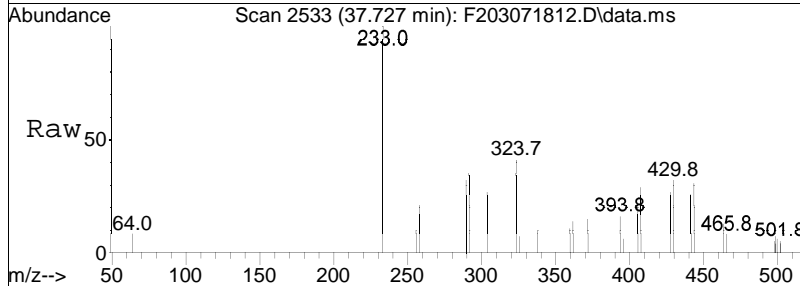
#106
 Pentachlorobiphenyls
 Concen: 7.29 ng/mL M5
 RT: 31.636 min Scan# 2165
 Delta R.T. -2.628 min
 Lab File: F203071812.D
 Acq: 7 Mar 2018 11:52 pm

Tgt Ion	Resp	Lower	Upper
326	100		
324	0.0	48.7	73.1#





#107
 Cl5-Conf Ion
 Concen: 23.12 ng/mL M5
 RT: 37.727 min Scan# 2533
 Delta R.T. 0.079 min
 Lab File: F203071812.D
 Acq: 7 Mar 2018 11:52 pm
 Tgt Ion:324 Resp: 22639



Analytical Event

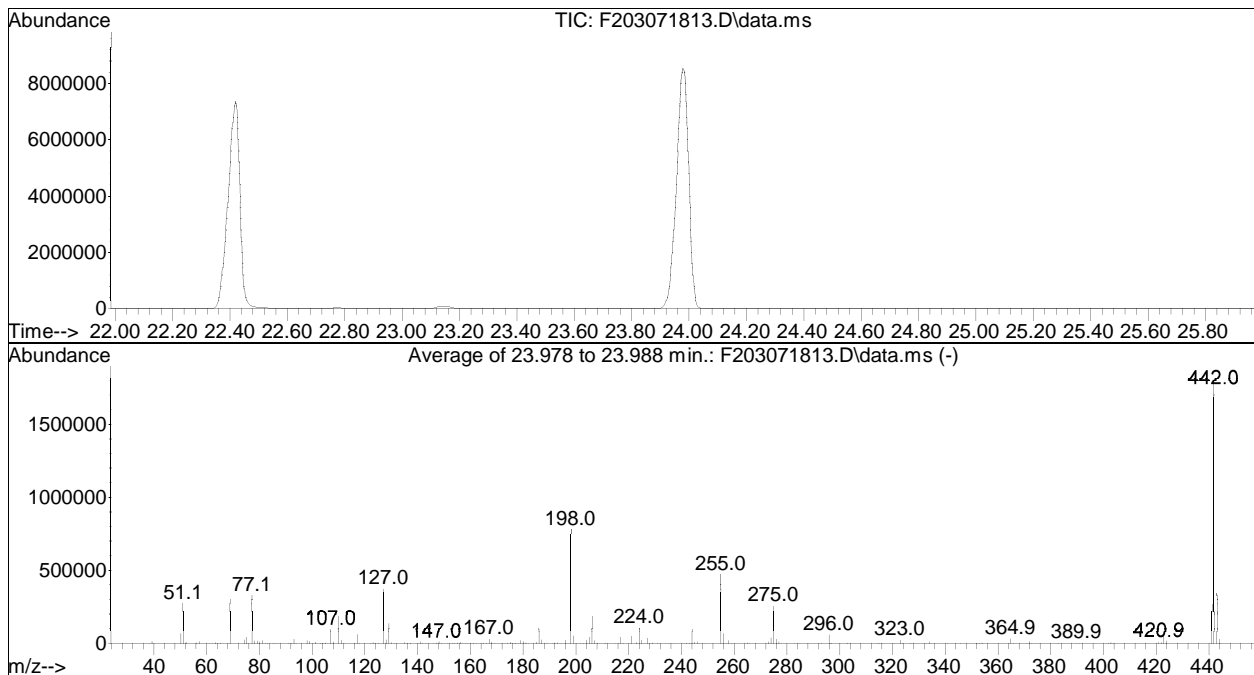
Continuing Calibration DFTPP Tune

DFTPP

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071813.D
 Acq On : 8 Mar 2018 1:06 am
 Operator : BNA2:MJS
 Sample : WG1095518-3
 Misc : WG1095518,MSAS13 10X
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Title : Method 680 PCB's by GC/MS
 Last Update : Thu Mar 08 11:02:39 2018



AutoFind: Scans 2682, 2683, 2684; Background Corrected with Scan 2662

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	0.00	100	34.9	271232	PASS
68	69	0.00	100	0.0	0	PASS
69	198	0.00	100	38.1	295866	PASS
70	69	0.00	100	0.6	1754	PASS
127	198	30	80	47.5	369152	PASS
197	198	0.00	3	0.0	0	PASS
198	442	40	100	43.0	776491	PASS
199	198	5	15	6.7	52075	PASS
275	198	15	50	32.5	252651	PASS
365	198	3	100	4.3	33277	PASS
441	443	0.01	100	78.3	265429	PASS
442	442	100	100	100.0	1805995	PASS
443	442	18	30	18.8	339157	PASS

Continuing Calibration

Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071814.D
 Acq On : 8 Mar 2018 2:10 am
 Operator : BNA2:MJS
 Sample : WG1095518-4
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 12:51:12 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 i	C12-BZ#15-C13	1.000	1.000	0.0	68	0.00
2 s	C13-BZ#19-C13 (surr)	0.352	0.372	-5.7	72	0.00
3 A1	C11-BZ#1-Cal/RTW	0.922	0.999	-8.4	74	0.00
4 A2	Monochlorobiphenyls	0.922	0.000#	100.0#	0#	-14.59#
5 A2	C11- conf Ion	0.922	0.000#	100.0#	0#	-14.59#
6 T	C11-BZ#2	0.970	1.044	-7.6	73	0.00
7 T	C11-BZ#3-RTW	0.952	1.031	-8.3	73	0.00
8 T	C12-BZ#4/#10-RTW	0.557	0.599	-7.5	72	0.00
9 T	C12-BZ#9	0.716	0.771	-7.7	72	0.00
10 T	C12-BZ#7	0.698	0.750	-7.4	71	0.00
11 T	C12-BZ#6	0.768	0.820	-6.8	72	0.00
12 T	C12-BZ#5	0.698	0.739	-5.9	72	0.00
13 A1	C12-BZ#8	0.794	0.851	-7.2	72	0.00
14 A2	Dichlorobiphenyls	0.794	0.000#	100.0#	0#	-17.55#
15 A2	C12-Conf Ion	0.794	0.000#	100.0#	0#	-17.55#
16 T	C13-BZ#19-RTW	0.392	0.408	-4.1	71	0.00
17 T	C12-BZ#14	0.766	0.822	-7.3	72	0.00
18 T	C13-BZ#30	0.626	0.669	-6.9	72	0.00
19 T	C13-BZ#18	0.436	0.453	-3.9	71	0.00
20 T	C12-BZ#11	0.822	0.892	-8.5	72	0.00
21 T	C13-BZ#17	0.406	0.422	-3.9	70	0.00
22 T	C12-BZ#12	0.727	0.787	-8.3	72	0.00
23 T	C13-BZ#27	0.562	0.594	-5.7	70	0.00
24 T	C12-BZ#13	0.838	0.901	-7.5	72	0.00
25 T	C13-BZ#24	0.577	0.610	-5.7	71	0.00
26 T	C13-BZ#16	0.354	0.369	-4.2	71	0.00
27 T	C13-BZ#32	0.620	0.646	-4.2	71	0.00
28 T	C12-BZ#15-RTW	0.849	0.880	-3.7	70	0.00
29 T	C13-BZ#34	0.579	0.615	-6.2	71	0.00
30 T	C13-BZ#23	0.569	0.607	-6.7	71	0.00
31 T	C14-BZ#54-RTW	0.530	0.555	-4.7	70	0.00
32 A1	C13-BZ#29-Cal	0.574	0.609	-6.1	71	0.00
33 A2	Trichlorobiphenyls	0.574	0.000#	100.0#	0#	-26.21#
34 A2	C13- Conf Ion	0.574	0.000#	100.0#	0#	-26.21#
35 A1	C14-BZ#50-Cal	0.443	0.469	-5.9	71	0.00
36 A2	Tetrachlorobiphenyls	0.443	0.000#	100.0#	0#	-28.37#
37 A2	C14-Conf Ion	0.443	0.000#	100.0#	0#	-28.36#
38 T	C13-BZ#26	0.644	0.675	-4.8	71	0.00
39 T	C13-BZ#25	0.627	0.666	-6.2	71	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071814.D
 Acq On : 8 Mar 2018 2:10 am
 Operator : BNA2:MJS
 Sample : WG1095518-4
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 12:51:12 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
40 T C14-BZ#53	0.489	0.514	-5.1	71	0.02
41 T C13-BZ#-31	0.866	0.907	-4.7	71	0.00
42 T C13-BZ#28	0.853	0.917	-7.5	72	0.00
43 T C13-BZ#33	0.608	0.692	-13.8	73	0.00
44 T C13-BZ#21/#20	0.770	0.817	-6.1	69	0.00
45 T C14-BZ#51	0.539	0.572	-6.1	69	0.02
46 T C14-BZ#45	0.421	0.452	-7.4	71	0.00
47 T C13-BZ#22	0.750	0.818	-9.1	72	0.00
48 T C14-BZ#73/#46	0.563	0.600	-6.6	69	0.02
49 T C14-BZ#69	0.673	0.735	-9.2	72	0.02
50 T C14-BZ#43	0.444	0.463	-4.3	70	0.00
51 T C13-BZ#36	0.835	0.923	-10.5	72	0.02
52 T C14-BZ#52	0.547	0.565	-3.3	70	0.02
53 T C14-BZ#48	0.486	0.525	-8.0	71	0.00
54 T C14-BZ#49	0.523	0.553	-5.7	71	0.00
55 T C15-BZ#104-RTW	0.540	0.582	-7.8	72	0.00
56 T C14-BZ#47	0.564	0.594	-5.3	76	0.00
57 T C14-BZ#65/#75/#62	0.662	0.719	-8.6	69	0.00
58 T C13-BZ#39	0.769	0.819	-6.5	71	0.02
59 T C13-BZ#38	0.742	0.844	-13.7	73	0.00
60 T C14-BZ#44	0.455	0.490	-7.7	72	0.02
61 T C14-BZ#59	0.667	0.705	-5.7	72	0.00
62 T C14-BZ#42	0.432	0.476	-10.2	71	0.02
63 T C14-BZ#71	0.701	0.747	-6.6	72	0.00
64 T C13-BZ#35	0.776	0.857	-10.4	73	0.00
65 T C14-BZ#41	0.426	0.461	-8.2	72	0.00
66 T C14-BZ#72	0.733	0.805	-9.8	70	0.00
67 T C15-BZ#96	0.584	0.629	-7.7	70	0.00
68 T C15-BZ#103	0.451	0.505	-12.0	73	0.00
69 T C14-BZ#68/#64	0.679	0.746	-9.9	71	0.00
70 T C14-BZ#40	0.331	0.355	-7.3	71	0.00
71 T C13-BZ#37-RTW	1.031	1.122	-8.8	71	0.02
72 T C15-BZ#100	0.486	0.531	-9.3	72	0.02
73 T C15-BZ#94	0.359	0.405	-12.8	72	0.00
74 T C14-BZ#57	0.730	0.789	-8.1	69	0.00
75 T C14-BZ#67/#58	0.735	0.813	-10.6	72	0.02
76 T C15-BZ#102	0.517	0.561	-8.5	71	0.00
77 T C14-BZ#61	0.723	0.796	-10.1	72	0.00
78 T C15-BZ#98	0.473	0.514	-8.7	71	0.02

Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071814.D
 Acq On : 8 Mar 2018 2:10 am
 Operator : BNA2:MJS
 Sample : WG1095518-4
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 12:51:12 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
79 T	C14-BZ#76	0.764	0.867	-13.5	73	0.00
80 T	C15-BZ#93	0.382	0.421	-10.2	72	0.00
81 T	C14-BZ#63	0.686	0.706	-2.9	67	0.02
82 T	C15-BZ#121/#95/#88	0.507	0.554	-9.3	71	0.00
83 T	C14-BZ#74	0.759	0.840	-10.7	73	0.00
84 T	C16-BZ#155-RTW	0.562	0.606	-7.8	71	0.00
85 T	C14-BZ#70	0.781	0.846	-8.3	71	0.00
86 T	C14-BZ#66	0.707	0.785	-11.0	72	0.02
87 T	C15-BZ#91	0.447	0.484	-8.3	73	0.00
88 T	C14-BZ#80	0.741	0.820	-10.7	73	0.00
89 T	C14-BZ#55	0.756	0.834	-10.3	72	0.00
90 T	C15-BZ#92	0.436	0.473	-8.5	71	0.00
91 T	C15-BZ#89/#84	0.418	0.458	-9.6	72	0.00
92 T	C15-BZ#101/#90	0.481	0.494	-2.7	67	0.00
93 s	C15-BZ#101-C13 (surr)	0.514	0.557	-8.4	70	0.02
94 T	C14-BZ#56	0.748	0.811	-8.4	70	0.00
95 T	C15-BZ#113	0.566	0.666	-17.7	78	0.00
96 T	C15-BZ#99	0.543	0.603	-11.0	74	0.00
97 T	C16-BZ#150	0.602	0.638	-6.0	70	0.02
98 T	C14-BZ#60	0.800	0.866	-8.2	71	0.00
99 T	C16-BZ#152	0.646	0.713	-10.4	72	0.00
100 T	C15-BZ#119	0.658	0.766	-16.4	76	0.00
101 T	C15-BZ#83/#125/#112	0.548	0.572	-4.4	68	0.00
102 T	C15-BZ#86/#109	0.545	0.620	-13.8	76	0.02
103 T	C15-BZ#97	0.406	0.459	-13.1	72	0.00
104 T	C15-BZ#116	0.560	0.620	-10.7	73	0.00
105 A1	C15-BZ#87/#111	0.548	0.613	-11.9	73	0.00
106 A2	Pentachlorobiphenyls	0.548	0.000#	100.0#	0#	-34.26#
107 A2	C15-Conf Ion	0.548	0.000#	100.0#	0#	-37.65#
108 T	C16-BZ#145	0.667	0.708	-6.1	70	0.00
109 T	C16-BZ#148	0.456	0.498	-9.2	72	0.00
110 T	C14-BZ#79	0.736	0.823	-11.8	73	0.00
111 A1	C16-BZ#154-Cal	0.527	0.568	-7.8	71	0.02
112 A2	Hexachlorobiphenyls	0.527	0.000#	100.0#	0#	-37.12#
113 A2	C16-Conf Ion	0.527	0.000#	100.0#	0#	-37.12#
114 T	C14-BZ#78	0.912	1.041	-14.1	74	0.00
115 T	C16-BZ#136	0.584	0.624	-6.8	70	0.02
116 T	C15-BZ#117	0.693	0.692	0.1	65	0.00
117 T	C15-BZ#115	0.687	0.832	-21.1#	80	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071814.D
 Acq On : 8 Mar 2018 2:10 am
 Operator : BNA2:MJS
 Sample : WG1095518-4
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 12:51:12 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
118 T	C15-BZ#85	0.429	0.435	-1.4	69	0.00
119 T	C15-BZ#120	0.671	0.763	-13.7	75	0.02
120 T	C15-BZ#110	0.648	0.702	-8.3	73	0.02
121 T	C14-BZ#81	0.739	0.818	-10.7	73	0.00
122 i	C17-BZ#180-C13	1.000	1.000	0.0	66	0.00
123 T	C16-BZ#151	0.855	0.940	-9.9	72	0.00
124 T	C16-BZ#135	0.902	1.015	-12.5	71	0.00
125 T	C15-BZ#82	0.771	0.884	-14.7	73	0.02
126 T	C16-BZ#144	0.879	0.983	-11.8	72	0.00
127 T	C16-BZ#147/#149	0.939	1.046	-11.4	72	0.00
128 T	C14-BZ#77-RTW	1.283	1.422	-10.8	71	0.00
129 T	C16-BZ#143/#139	0.902	1.013	-12.3	71	0.00
130 T	C15-BZ#124	1.213	1.408	-16.1	74	0.00
131 T	C15-BZ#108	1.232	1.549	-25.7#	78	0.02
132 T	C15-BZ#107/#123	1.314	1.415	-7.7	70	0.00
133 T	C16-BZ#140	0.872	0.961	-10.2	71	0.00
134 A1	C17-BZ#188-Cal/RTW	1.025	1.135	-10.7	70	0.00
135 A2	Heptachlorobiphenyls	1.025	0.000#	100.0#	0#	-41.10#
136 A2	C17-Conf Ion	1.025	0.000#	100.0#	0#	-41.10#
137 T	C16-BZ#134	0.743	0.816	-9.8	69	0.00
138 T	C15-BZ#106	1.194	1.258	-5.4	62	0.00
139 T	C16-BZ#133	1.011	0.991	2.0	60	0.00
140 T	C16-BZ#142	0.680	0.877	-29.0#	90	0.00
141 T	C15-BZ#118	1.159	1.329	-14.7	74	0.02
142 T	C16-BZ#131	0.783	0.876	-11.9	73	0.02
143 T	C17-BZ#184	1.013	1.124	-11.0	72	0.02
144 T	C16-BZ#165	1.102	1.263	-14.6	73	0.00
145 T	C16-BZ#146	0.964	1.068	-10.8	72	0.00
146 T	C16-BZ#161	1.227	1.390	-13.3	73	0.00
147 T	C15-BZ#122	1.068	1.207	-13.0	73	0.00
148 T	C16-BZ#168	1.179	1.452	-23.2#	77	0.02
149 T	C15-BZ#114	1.173	1.322	-12.7	72	0.02
150 T	C16-BZ#153	1.050	1.006	4.2	65	0.02
151 s	C16-BZ#153-C13 (surr)	0.919	0.998	-8.6	70	0.00
152 T	C16-BZ#132	0.842	0.933	-10.8	73	0.02
153 T	C17-BZ#179	1.046	1.176	-12.4	74	0.00
154 T	C16-BZ#141	0.843	0.953	-13.0	74	0.02
155 T	C17-BZ#176	0.994	1.090	-9.7	72	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071814.D
 Acq On : 8 Mar 2018 2:10 am
 Operator : BNA2:MJS
 Sample : WG1095518-4
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 12:51:12 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
156 T	C15-BZ#105	1.435	1.536	-7.0	71	0.00
157 T	C16-BZ#137	0.864	0.989	-14.5	73	0.02
158 T	C15-BZ#127	1.574	1.726	-9.7	72	0.02
159 T	C17-BZ#186	1.106	1.208	-9.2	70	0.00
160 T	C16-BZ#130/#164	1.008	1.129	-12.0	72	0.00
161 T	C17-BZ#178	0.758	0.851	-12.3	73	0.00
162 T	C16-BZ#138	1.024	1.182	-15.4	76	0.00
163 T	C16-BZ#163/#160	1.158	1.325	-14.4	73	0.00
164 T	C16-BZ#129/#158	0.966	1.036	-7.2	70	0.00
165 T	C17-BZ#182/#175	0.867	0.955	-10.1	70	0.00
166 T	C17-BZ#187	0.888	0.977	-10.0	72	0.00
167 T	C17-BZ#183	0.854	0.950	-11.2	72	0.00
168 T	C16-BZ#166	1.258	1.414	-12.4	73	0.00
169 T	C16-BZ#159	1.258	1.448	-15.1	75	0.02
170 T	C15-BZ#126-RTW	1.539	1.733	-12.6	72	0.00
171 T	C17-BZ#185	0.794	0.853	-7.4	71	0.02
172 T	C16-BZ#162	1.166	1.334	-14.4	74	0.02
173 T	C17-BZ#174	0.788	0.855	-8.5	70	0.02
174 T	C16-BZ#128	0.862	0.950	-10.2	71	0.00
175 T	C16-BZ#167	1.547	1.685	-8.9	71	0.00
176 T	C18-BZ#202-RTW	0.892	0.969	-8.6	70	0.02
177 s	C18-BZ#202-C13 (surr)	0.942	1.014	-7.6	71	0.00
178 T	C17-BZ#181	0.886	0.976	-10.2	70	0.00
179 T	C17-BZ#177	0.769	0.858	-11.6	73	0.00
180 A1	C18-BZ#204/#200-Cal	0.876	0.943	-7.6	70	0.00
181 A2	Octachlorobiphenyls	0.876	0.000#	100.0#	0#	-43.58#
182 A2	C18-Conf Ion	0.876	0.000#	100.0#	0#	-43.58#
183 T	C17-BZ#171	0.753	0.843	-12.0	73	0.02
184 T	C17-BZ#173	0.742	0.809	-9.0	72	0.00
185 T	C17-BZ#172	0.797	0.884	-10.9	74	0.00
186 T	C17-BZ#192	1.092	1.207	-10.5	72	0.02
187 T	C16-BZ#156	1.206	1.330	-10.3	72	0.00
188 T	C16-BZ#157	1.246	1.335	-7.1	70	0.00
189 T	C17-BZ#180	0.970	1.009	-4.0	69	0.00
190 T	C17-BZ#193	0.998	1.050	-5.2	68	0.00
191 T	C18-BZ#197	0.894	0.955	-6.8	70	0.00
192 T	C17-BZ#191	1.037	1.151	-11.0	73	0.00
193 T	C18-BZ#199	0.889	0.955	-7.4	71	0.00
194 T	C18-BZ#198	0.754	0.790	-4.8	74	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071814.D
 Acq On : 8 Mar 2018 2:10 am
 Operator : BNA2:MJS
 Sample : WG1095518-4
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 12:51:12 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
195 T	C18-BZ#201	0.651	0.712	-9.4	67	0.02
196 T	C17-BZ#170	0.751	0.804	-7.1	71	0.00
197 T	C17-BZ#190	1.093	1.197	-9.5	71	0.00
198 T	C18-BZ#196	0.706	0.809	-14.6	74	0.00
199 T	C18-BZ#203	0.763	0.762	0.1	65	0.00
200 T	C16-BZ#169-RTW	1.332	1.468	-10.2	73	0.02
201 T	C19-BZ#208-RTW	0.943	0.975	-3.4	71	0.02
202 T	C19-BZ#207	0.921	0.986	-7.1	70	0.02
203 T	C17-BZ#189-RTW	0.995	1.079	-8.4	72	0.02
204 T	C18-BZ#195	0.694	0.728	-4.9	71	0.02
205 T	C18-BZ#194	0.743	0.786	-5.8	71	0.00
206 T	C18-BZ#205-RTW	0.910	0.959	-5.4	71	0.02
207 A1	C19-BZ#206-Cal/RTW	0.759	0.804	-5.9	71	0.02
208 A2	Nonachlorobiphenyls	0.759	0.000#	100.0#	0#	-49.49#
209 A2	C19-Conf Ion	0.759	0.000#	100.0#	0#	-49.49#
210 A1	C110-BZ#209-Cal/RTW	0.753	0.791	-5.0	70	0.00
211 A2	Decachlorobiphenyl	0.753	0.000#	100.0#	0#	-56.30#
212 A2	C110-Conf Ion	0.753	0.000#	100.0#	0#	-56.30#

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071814.D
 Acq On : 8 Mar 2018 2:10 am
 Operator : BNA2:MJS
 Sample : WG1095518-4
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 12:51:12 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.864	234	391222	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.876	406	205053	200.000	ng/mL	0.00	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.944	268	36372	52.870	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	52.87%			
93) C15-BZ#101-C13 (surr)	33.192	338	54480	54.180	ng/mL	0.02	
Spiked Amount	100.000	Range 50 - 125	Recovery =	54.18%			
151) C16-BZ#153-C13 (surr)	38.720	372	51180	54.304	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	54.30%			
177) C18-BZ#202-C13 (surr)	42.923	442	51988	53.834	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	53.83%			
Target Compounds							
3) C11-BZ#1-Cal/RTW	14.543	188	97700	54.188	ng/mL	99	Qvalue
4) Monochlorobiphenyls	0.000		0	N.D.	d		
5) C11- conf Ion	0.000		0	N.D.	d		
6) C11-BZ#2	16.626	188	102130	53.836	ng/mL	100	
7) C11-BZ#3-RTW	17.084	188	100873	54.160	ng/mL	97	
8) C12-BZ#4/#10-RTW	17.511	222	117140	107.550	ng/mL	99	
9) C12-BZ#9	19.071	222	75363	53.803	ng/mL	100	
10) C12-BZ#7	19.159	222	73379	53.763	ng/mL	98	
11) C12-BZ#6	19.593	222	80233	53.388	ng/mL	98	
12) C12-BZ#5	20.036	222	72255	52.921	ng/mL	100	
13) C12-BZ#8	20.180	222	83191	53.587	ng/mL	100	
14) Dichlorobiphenyls	0.000		0	N.D.	d		
15) C12-Conf Ion	0.000		0	N.D.	d		
16) C13-BZ#19-RTW	20.969	256	39858	51.978	ng/mL	98	
17) C12-BZ#14	21.105	222	80418	53.672	ng/mL	97	
18) C13-BZ#30	21.523	256	65458	53.482	ng/mL	100	
19) C13-BZ#18	22.336	256	44275	51.973	ng/mL	98	
20) C12-BZ#11	22.456	222	87233	54.247	ng/mL	99	
21) C13-BZ#17	22.537	256	41273	52.032	ng/mL	99	
22) C12-BZ#12	22.850	222	76992	54.124	ng/mL	98	
23) C13-BZ#27	22.899	256	58074	52.858	ng/mL	99	
24) C12-BZ#13	23.148	222	88122	53.766	ng/mL	99	
25) C13-BZ#24	23.172	256	59709	52.865	ng/mL	99	
26) C13-BZ#16	23.518	256	36086	52.066	ng/mL	96	
27) C13-BZ#32	23.719	256	63231	52.134	ng/mL	97	
28) C12-BZ#15-RTW	23.880	222	86112	51.851	ng/mL	99	

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071814.D
 Acq On : 8 Mar 2018 2:10 am
 Operator : BNA2:MJS
 Sample : WG1095518-4
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 12:51:12 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) C13-BZ#34	24.105	256	60155	53.071	ng/mL	99
30) C13-BZ#23	24.290	256	59354	53.361	ng/mL	100
31) C14-BZ#54-RTW	24.298	292	54237	52.305	ng/mL	99
32) C13-BZ#29-Cal	24.515	256	59577	53.055	ng/mL	98
33) Trichlorobiphenyls	0.000		0	N.D.	d	
34) C13- Conf Ion	0.000		0	N.D.	d	
35) C14-BZ#50-Cal	25.022	292	45885	52.963	ng/mL	98
36) Tetrachlorobiphenyls	0.000		0	N.D.	d	
37) C14-Conf Ion	0.000		0	N.D.	d	
38) C13-BZ#26	25.046	256	65989	52.392	ng/mL	97
39) C13-BZ#25	25.255	256	65096	53.089	ng/mL	99
40) C14-BZ#53	25.744	292	50308	52.639	ng/mL	100
41) C13-BZ#-31	25.827	256	88671	52.362	ng/mL	97
42) C13-BZ#28	26.025	256	89675	53.759	ng/mL	99
43) C13-BZ#33	26.108	256	67715M4	56.948	ng/mL	
44) C13-BZ#21/#20	26.158	256	159789M4	106.107	ng/mL	
45) C14-BZ#51	26.158	292	55903	52.988	ng/mL	99
46) C14-BZ#45	26.720	292	44189	53.635	ng/mL	99
47) C13-BZ#22	26.952	256	80003	54.529	ng/mL	100
48) C14-BZ#73/#46	27.101	292	117385	106.613	ng/mL	100
49) C14-BZ#69	27.382	292	71854	54.612	ng/mL	99
50) C14-BZ#43	27.465	292	45311	52.146	ng/mL	98
51) C13-BZ#36	27.515	256	90243	55.283	ng/mL	98
52) C14-BZ#52	27.614	292	55260	51.652	ng/mL	98
53) C14-BZ#48	27.780	292	51384	54.054	ng/mL	100
54) C14-BZ#49	27.929	292	54040	52.849	ng/mL	98
55) C15-BZ#104-RTW	28.144	326	56966	53.955	ng/mL	99
56) C14-BZ#47	28.226	292	58101M4	52.690	ng/mL	
57) C14-BZ#65/#75/#62	28.326	292	210832	162.739	ng/mL	99
58) C13-BZ#39	28.375	256	80057	53.211	ng/mL	99
59) C13-BZ#38	28.491	256	82539	56.885	ng/mL	98
60) C14-BZ#44	28.888	292	47877	53.786	ng/mL	98
61) C14-BZ#59	29.104	292	68935	52.808	ng/mL	98
62) C14-BZ#42	29.203	292	46566	55.066	ng/mL	95
63) C14-BZ#71	29.435	292	73100	53.322	ng/mL	100
64) C13-BZ#35	29.551	256	83853	55.262	ng/mL	100
65) C14-BZ#41	29.666	292	45074	54.145	ng/mL	99
66) C14-BZ#72	29.782	292	78727	54.876	ng/mL	98
67) C15-BZ#96	29.799	326	61494	53.863	ng/mL	96
68) C15-BZ#103	29.931	326	49377	55.946	ng/mL	96
69) C14-BZ#68/#64	30.097	292	145835	109.775	ng/mL	98

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071814.D
 Acq On : 8 Mar 2018 2:10 am
 Operator : BNA2:MJS
 Sample : WG1095518-4
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 12:51:12 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) C14-BZ#40	30.213	292	34727	53.678	ng/mL	98
71) C13-BZ#37-RTW	30.428	256	109765	54.411	ng/mL	99
72) C15-BZ#100	30.428	326	51911	54.582	ng/mL	98
73) C15-BZ#94	30.527	326	39583	56.375	ng/mL	98
74) C14-BZ#57	30.626	292	77142	54.033	ng/mL	98
75) C14-BZ#67/#58	30.957	292	159015	110.669	ng/mL	99
76) C15-BZ#102	31.007	326	54890	54.297	ng/mL	100
77) C14-BZ#61	31.305	292	77848	55.011	ng/mL	98
78) C15-BZ#98	31.338	326	50314	54.327	ng/mL	98
79) C14-BZ#76	31.470	292	84774	56.689	ng/mL	99
80) C15-BZ#93	31.454	326	41158	55.091	ng/mL	99
81) C14-BZ#63	31.570	292	69066M4	51.479	ng/mL	
82) C15-BZ#121/#95/#88	31.619	326	162661	164.055	ng/mL	99
83) C14-BZ#74	31.834	292	82118	55.336	ng/mL	98
84) C16-BZ#155-RTW	31.967	360	59266	53.921	ng/mL	100
85) C14-BZ#70	32.000	292	82782	54.161	ng/mL	97
86) C14-BZ#66	32.298	292	76768	55.481	ng/mL	98
87) C15-BZ#91	32.166	326	47373	54.204	ng/mL	100
88) C14-BZ#80	32.563	292	80213	55.364	ng/mL	100
89) C14-BZ#55	32.745	292	81543	55.119	ng/mL	98
90) C15-BZ#92	32.794	326	46241	54.236	ng/mL	97
91) C15-BZ#89/#84	33.076	326	89516	109.562	ng/mL	95
92) C15-BZ#101/#90	33.208	326	96668M4	102.701	ng/mL	
94) C14-BZ#56	33.208	292	79302	54.183	ng/mL	99
95) C15-BZ#113	33.308	326	65182	58.910	ng/mL	98
96) C15-BZ#99	33.572	326	59000	55.509	ng/mL	98
97) C16-BZ#150	33.639	360	62396	52.946	ng/mL	100
98) C14-BZ#60	33.639	292	84657	54.131	ng/mL	98
99) C16-BZ#152	33.986	360	69769	55.221	ng/mL	100
100) C15-BZ#119	34.069	326	74959	58.224	ng/mL	97
101) C15-BZ#83/#125/#112	34.218	326	167976M4	156.787	ng/mL	
102) C15-BZ#86/#109	34.400	326	121325M4	113.902	ng/mL	
103) C15-BZ#97	34.499	326	44861	56.495	ng/mL	97
104) C15-BZ#116	34.963	326	60639	55.336	ng/mL	98
105) C15-BZ#87/#111	35.260	326	119901M4	111.926	ng/mL	
106) Pentachlorobiphenyls	0.000		0	N.D.	d	
107) C15-Conf Ion	0.000		0	N.D.	d	
108) C16-BZ#145	34.433	360	69217	53.066	ng/mL	99
109) C16-BZ#148	34.632	360	48732	54.684	ng/mL	98
110) C14-BZ#79	34.747	292	80526	55.896	ng/mL	99
111) C16-BZ#154-Cal	35.178	360	55583	53.968	ng/mL	99

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071814.D
 Acq On : 8 Mar 2018 2:10 am
 Operator : BNA2:MJS
 Sample : WG1095518-4
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 12:51:12 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112) Hexachlorobiphenyls	0.000		0		N.D.	d
113) Cl6-Conf Ion	0.000		0		N.D.	d
114) Cl4-BZ#78	35.227	292	101827M4	57.103	ng/mL	
115) Cl6-BZ#136	35.310	360	61032	53.454	ng/mL	98
116) Cl5-BZ#117	35.360	326	67714M4	49.944	ng/mL	
117) Cl5-BZ#115	35.443	326	81406M4	60.589	ng/mL	
118) Cl5-BZ#85	35.525	326	42552	50.706	ng/mL	100
119) Cl5-BZ#120	35.674	326	74592	56.794	ng/mL	100
120) Cl5-BZ#110	35.823	326	68656	54.158	ng/mL	99
121) Cl4-BZ#81	36.187	292	80053	55.352	ng/mL	99
123) Cl6-BZ#151	36.204	360	48195	54.979	ng/mL	97
124) Cl6-BZ#135	36.336	360	52055	56.297	ng/mL	100
125) Cl5-BZ#82	36.518	326	45337	57.321	ng/mL	98
126) Cl6-BZ#144	36.535	360	50380	55.889	ng/mL	99
127) Cl6-BZ#147/#149	36.849	360	107196	111.379	ng/mL	98
128) Cl4-BZ#77-RTW	36.949	292	72912M4	55.436	ng/mL	
129) Cl6-BZ#143/#139	37.081	360	103881	112.310	ng/mL	99
130) Cl5-BZ#124	37.230	326	72184	58.045	ng/mL	100
131) Cl5-BZ#108	37.528	326	79419	62.871	ng/mL	100
132) Cl5-BZ#107/#123	37.611	326	145067M4	107.711	ng/mL	
133) Cl6-BZ#140	37.263	360	49289	55.138	ng/mL	99
134) Cl7-BZ#188-Cal/RTW	37.627	394	58200	55.364	ng/mL	100
135) Heptachlorobiphenyls	0.000		0		N.D.	d
136) Cl7-Conf Ion	0.000		0		N.D.	d
137) Cl6-BZ#134	37.710	360	41818	54.889	ng/mL	92
138) Cl5-BZ#106	37.743	326	64491	52.662	ng/mL	97
139) Cl6-BZ#133	37.826	360	50823M4	49.012	ng/mL	
140) Cl6-BZ#142	37.842	360	44950M4	64.503	ng/mL	
141) Cl5-BZ#118	37.991	326	68145	57.330	ng/mL	98
142) Cl6-BZ#131	37.991	360	44894	55.918	ng/mL	99
143) Cl7-BZ#184	38.124	394	57606	55.449	ng/mL	98
144) Cl6-BZ#165	38.173	360	64741	57.316	ng/mL	97
145) Cl6-BZ#146	38.289	360	54743	55.362	ng/mL	99
146) Cl6-BZ#161	38.455	360	71251	56.638	ng/mL	99
147) Cl5-BZ#122	38.438	326	61874	56.502	ng/mL	99
148) Cl6-BZ#168	38.686	360	74410	61.555	ng/mL	99
149) Cl5-BZ#114	38.736	326	67760	56.348	ng/mL	100
150) Cl6-BZ#153	38.753	360	51568	47.914	ng/mL	97
152) Cl6-BZ#132	39.017	360	47808	55.349	ng/mL	98
153) Cl7-BZ#179	39.266	394	60301	56.220	ng/mL	100
154) Cl6-BZ#141	39.580	360	48869	56.554	ng/mL	99

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071814.D
 Acq On : 8 Mar 2018 2:10 am
 Operator : BNA2:MJS
 Sample : WG1095518-4
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 12:51:12 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
155) C17-BZ#176	39.762	394	55896	54.870	ng/mL	99
156) C15-BZ#105	39.828	326	78748	53.512	ng/mL#	75
157) C16-BZ#137	40.011	360	50709	57.252	ng/mL	98
158) C15-BZ#127	40.160	326	88479	54.812	ng/mL#	74
159) C17-BZ#186	40.093	394	61920	54.619	ng/mL	99
160) C16-BZ#130/#164	40.342	360	115779	112.057	ng/mL	98
161) C17-BZ#178	40.639	394	43620	56.150	ng/mL	98
162) C16-BZ#138	40.706	360	60614	57.712	ng/mL	99
163) C16-BZ#163/#160	40.805	360	135867M4	114.392	ng/mL	
164) C16-BZ#129/#158	41.004	360	106199M4	107.262	ng/mL	
165) C17-BZ#182/#175	41.037	394	97909	110.104	ng/mL	100
166) C17-BZ#187	41.219	394	50090	54.998	ng/mL	96
167) C17-BZ#183	41.599	394	48677	55.610	ng/mL	98
168) C16-BZ#166	41.964	360	72494	56.188	ng/mL	99
169) C16-BZ#159	42.228	360	74217	57.523	ng/mL	99
170) C15-BZ#126-RTW	42.427	326	88839	56.306	ng/mL	89
171) C17-BZ#185	42.477	394	43721	53.698	ng/mL	99
172) C16-BZ#162	42.559	360	68362	57.174	ng/mL	98
173) C17-BZ#174	42.708	394	43817	54.204	ng/mL	100
174) C16-BZ#128	42.708	360	48721	55.097	ng/mL	99
175) C16-BZ#167	43.006	360	86370	54.438	ng/mL	93
176) C18-BZ#202-RTW	42.957	428	49678	54.306	ng/mL	100
178) C17-BZ#181	43.089	394	50057	55.078	ng/mL	97
179) C17-BZ#177	43.420	394	44000	55.838	ng/mL	98
180) C18-BZ#204/#200-Cal	43.519	428	96658	107.598	ng/mL	99
181) Octachlorobiphenyls	0.000		0	N.D.	d	
182) C18-Conf Ion	0.000		0	N.D.	d	
183) C17-BZ#171	43.734	394	43200	55.975	ng/mL	99
184) C17-BZ#173	43.950	394	41449	54.509	ng/mL	100
185) C17-BZ#172	44.396	394	45307	55.416	ng/mL	97
186) C17-BZ#192	44.612	394	61868	55.250	ng/mL	99
187) C16-BZ#156	44.612	360	68187	55.154	ng/mL	99
188) C16-BZ#157	44.860	360	68427	53.582	ng/mL	97
189) C17-BZ#180	44.893	394	51744	52.023	ng/mL	96
190) C17-BZ#193	44.992	394	53820	52.579	ng/mL	99
191) C18-BZ#197	44.032	428	48940	53.374	ng/mL	98
192) C17-BZ#191	45.323	394	59011	55.519	ng/mL	98
193) C18-BZ#199	45.141	428	48946	53.719	ng/mL	98
194) C18-BZ#198	46.680	428	40493	52.365	ng/mL	99
195) C18-BZ#201	46.780	428	36481	54.663	ng/mL	98
196) C17-BZ#170	46.896	394	41221	53.528	ng/mL	96

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071814.D
 Acq On : 8 Mar 2018 2:10 am
 Operator : BNA2:MJS
 Sample : WG1095518-4
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 12:51:12 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
197) C17-BZ#190	47.227	394	61377	54.758	ng/mL	96
198) C18-BZ#196	47.227	428	41467	57.295	ng/mL	100
199) C18-BZ#203	47.309	428	39047	49.936	ng/mL	99
200) C16-BZ#169-RTW	47.607	360	75259	55.112	ng/mL	99
201) C19-BZ#208-RTW	48.749	464	49987	51.693	ng/mL	99
202) C19-BZ#207	49.428	464	50547	53.558	ng/mL	96
203) C17-BZ#189-RTW	49.593	394	55304	54.201	ng/mL	98
204) C18-BZ#195	49.742	428	37308	52.454	ng/mL	97
205) C18-BZ#194	51.414	428	40306	52.933	ng/mL	97
206) C18-BZ#205-RTW	52.010	428	49179	52.701	ng/mL	99
207) C19-BZ#206-Cal/RTW	54.029	464	41209	52.962	ng/mL	100
208) Nonachlorobiphenyls	0.000		0	N.D.	d	
209) C19-Conf Ion	0.000		0	N.D.	d	
210) C110-BZ#209-Cal/RTW	56.296	498	40525	52.513	ng/mL#	81
211) Decachlorobiphenyl	0.000		0	N.D.	d	
212) C110-Conf Ion	0.000		0	N.D.	d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071826.D
 Acq On : 8 Mar 2018 4:50 pm
 Operator : BNA2:MJS
 Sample : WG1095518-6
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 14:11:57 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 i	C12-BZ#15-C13	1.000	1.000	0.0	55	0.00
2 s	C13-BZ#19-C13 (surr)	0.352	0.377	-7.1	59	0.00
3 A1	C11-BZ#1-Cal/RTW	0.922	1.025	-11.2	61	0.00
4 A2	Monochlorobiphenyls	0.922	0.000#	100.0#	0#	-14.59#
5 A2	C11- conf Ion	0.922	0.000#	100.0#	0#	-14.59#
6 T	C11-BZ#2	0.970	1.052	-8.5	60	0.00
7 T	C11-BZ#3-RTW	0.952	1.037	-8.9	60	0.00
8 T	C12-BZ#4/#10-RTW	0.557	0.615	-10.4	60	0.00
9 T	C12-BZ#9	0.716	0.770	-7.5	59	0.00
10 T	C12-BZ#7	0.698	0.760	-8.9	59	0.00
11 T	C12-BZ#6	0.768	0.826	-7.6	59	0.00
12 T	C12-BZ#5	0.698	0.743	-6.4	59	0.00
13 A1	C12-BZ#8	0.794	0.854	-7.6	59	0.00
14 A2	Dichlorobiphenyls	0.794	0.000#	100.0#	0#	-17.55#
15 A2	C12-Conf Ion	0.794	0.000#	100.0#	0#	-17.55#
16 T	C13-BZ#19-RTW	0.392	0.420	-7.1	59	0.00
17 T	C12-BZ#14	0.766	0.816	-6.5	58	0.00
18 T	C13-BZ#30	0.626	0.670	-7.0	59	0.00
19 T	C13-BZ#18	0.436	0.453	-3.9	58	0.00
20 T	C12-BZ#11	0.822	0.874	-6.3	57	0.00
21 T	C13-BZ#17	0.406	0.428	-5.4	58	0.00
22 T	C12-BZ#12	0.727	0.774	-6.5	58	0.00
23 T	C13-BZ#27	0.562	0.600	-6.8	58	0.00
24 T	C12-BZ#13	0.838	0.892	-6.4	58	0.00
25 T	C13-BZ#24	0.577	0.619	-7.3	58	0.00
26 T	C13-BZ#16	0.354	0.369	-4.2	58	0.00
27 T	C13-BZ#32	0.620	0.652	-5.2	58	0.00
28 T	C12-BZ#15-RTW	0.849	0.878	-3.4	57	0.00
29 T	C13-BZ#34	0.579	0.616	-6.4	58	0.00
30 T	C13-BZ#23	0.569	0.608	-6.9	58	0.00
31 T	C14-BZ#54-RTW	0.530	0.571	-7.7	58	0.00
32 A1	C13-BZ#29-Cal	0.574	0.605	-5.4	57	0.00
33 A2	Trichlorobiphenyls	0.574	0.000#	100.0#	0#	-26.21#
34 A2	C13- Conf Ion	0.574	0.000#	100.0#	0#	-26.21#
35 A1	C14-BZ#50-Cal	0.443	0.465	-5.0	57	0.00
36 A2	Tetrachlorobiphenyls	0.443	0.000#	100.0#	0#	-28.37#
37 A2	C14-Conf Ion	0.443	0.000#	100.0#	0#	-28.36#
38 T	C13-BZ#26	0.644	0.670	-4.0	57	0.00
39 T	C13-BZ#25	0.627	0.652	-4.0	57	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071826.D
 Acq On : 8 Mar 2018 4:50 pm
 Operator : BNA2:MJS
 Sample : WG1095518-6
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 14:11:57 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
40 T C14-BZ#53	0.489	0.509	-4.1	57	0.00
41 T C13-BZ#-31	0.866	0.883	-2.0	56	0.00
42 T C13-BZ#28	0.853	0.838	1.8	54	0.00
43 T C13-BZ#33	0.608	0.757	-24.5#	65	0.00
44 T C13-BZ#21/#20	0.770	0.800	-3.9	55	0.00
45 T C14-BZ#51	0.539	0.584	-8.3	57	0.02
46 T C14-BZ#45	0.421	0.443	-5.2	57	0.00
47 T C13-BZ#22	0.750	0.800	-6.7	57	0.00
48 T C14-BZ#73/#46	0.563	0.604	-7.3	57	0.00
49 T C14-BZ#69	0.673	0.685	-1.8	55	0.00
50 T C14-BZ#43	0.444	0.488	-9.9	60	0.00
51 T C13-BZ#36	0.835	0.910	-9.0	58	0.00
52 T C14-BZ#52	0.547	0.569	-4.0	57	0.02
53 T C14-BZ#48	0.486	0.519	-6.8	57	0.00
54 T C14-BZ#49	0.523	0.542	-3.6	57	0.00
55 T C15-BZ#104-RTW	0.540	0.584	-8.1	59	0.00
56 T C14-BZ#47	0.564	0.596	-5.7	62	0.00
57 T C14-BZ#65/#75/#62	0.662	0.713	-7.7	56	0.00
58 T C13-BZ#39	0.769	0.816	-6.1	57	0.00
59 T C13-BZ#38	0.742	0.816	-10.0	58	0.00
60 T C14-BZ#44	0.455	0.471	-3.5	57	0.00
61 T C14-BZ#59	0.667	0.693	-3.9	58	0.00
62 T C14-BZ#42	0.432	0.465	-7.6	56	0.02
63 T C14-BZ#71	0.701	0.735	-4.9	57	0.00
64 T C13-BZ#35	0.776	0.826	-6.4	57	0.00
65 T C14-BZ#41	0.426	0.453	-6.3	57	0.00
66 T C14-BZ#72	0.733	0.795	-8.5	57	0.00
67 T C15-BZ#96	0.584	0.643	-10.1	59	0.00
68 T C15-BZ#103	0.451	0.496	-10.0	59	0.00
69 T C14-BZ#68/#64	0.679	0.735	-8.2	57	0.00
70 T C14-BZ#40	0.331	0.345	-4.2	56	0.00
71 T C13-BZ#37-RTW	1.031	1.083	-5.0	56	0.02
72 T C15-BZ#100	0.486	0.539	-10.9	59	0.02
73 T C15-BZ#94	0.359	0.402	-12.0	59	0.00
74 T C14-BZ#57	0.730	0.766	-4.9	55	0.00
75 T C14-BZ#67/#58	0.735	0.796	-8.3	57	0.02
76 T C15-BZ#102	0.517	0.570	-10.3	59	0.00
77 T C14-BZ#61	0.723	0.758	-4.8	56	0.00
78 T C15-BZ#98	0.473	0.518	-9.5	58	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071826.D
 Acq On : 8 Mar 2018 4:50 pm
 Operator : BNA2:MJS
 Sample : WG1095518-6
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 14:11:57 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
79 T	C14-BZ#76	0.764	0.867	-13.5	60	0.00
80 T	C15-BZ#93	0.382	0.421	-10.2	59	0.00
81 T	C14-BZ#63	0.686	0.698	-1.7	54	0.00
82 T	C15-BZ#121/#95/#88	0.507	0.563	-11.0	58	0.00
83 T	C14-BZ#74	0.759	0.804	-5.9	57	0.00
84 T	C16-BZ#155-RTW	0.562	0.596	-6.0	57	0.00
85 T	C14-BZ#70	0.781	0.834	-6.8	57	0.00
86 T	C14-BZ#66	0.707	0.760	-7.5	57	0.02
87 T	C15-BZ#91	0.447	0.478	-6.9	59	0.00
88 T	C14-BZ#80	0.741	0.790	-6.6	57	0.00
89 T	C14-BZ#55	0.756	0.794	-5.0	56	0.00
90 T	C15-BZ#92	0.436	0.475	-8.9	58	0.00
91 T	C15-BZ#89/#84	0.418	0.449	-7.4	58	0.00
92 T	C15-BZ#101/#90	0.481	0.520	-8.1	57	0.00
93 s	C15-BZ#101-C13 (surr)	0.514	0.554	-7.8	57	0.02
94 T	C14-BZ#56	0.748	0.802	-7.2	57	0.00
95 T	C15-BZ#113	0.566	0.651	-15.0	62	0.00
96 T	C15-BZ#99	0.543	0.581	-7.0	58	0.00
97 T	C16-BZ#150	0.602	0.655	-8.8	58	0.00
98 T	C14-BZ#60	0.800	0.847	-5.9	56	0.00
99 T	C16-BZ#152	0.646	0.701	-8.5	58	0.00
100 T	C15-BZ#119	0.658	0.772	-17.3	62	0.00
101 T	C15-BZ#83/#125/#112	0.548	0.575	-4.9	56	0.00
102 T	C15-BZ#86/#109	0.545	0.608	-11.6	60	0.00
103 T	C15-BZ#97	0.406	0.454	-11.8	58	0.00
104 T	C15-BZ#116	0.560	0.604	-7.9	58	0.00
105 A1	C15-BZ#87/#111	0.548	0.615	-12.2	59	0.00
106 A2	Pentachlorobiphenyls	0.548	0.000#	100.0#	0#	-34.26#
107 A2	C15-Conf Ion	0.548	0.000#	100.0#	0#	-37.65#
108 T	C16-BZ#145	0.667	0.724	-8.5	58	0.00
109 T	C16-BZ#148	0.456	0.492	-7.9	58	0.00
110 T	C14-BZ#79	0.736	0.783	-6.4	57	0.00
111 A1	C16-BZ#154-Cal	0.527	0.564	-7.0	57	0.00
112 A2	Hexachlorobiphenyls	0.527	0.000#	100.0#	0#	-37.12#
113 A2	C16-Conf Ion	0.527	0.000#	100.0#	0#	-37.12#
114 T	C14-BZ#78	0.912	0.970	-6.4	56	0.00
115 T	C16-BZ#136	0.584	0.640	-9.6	58	0.00
116 T	C15-BZ#117	0.693	0.704	-1.6	54	0.00
117 T	C15-BZ#115	0.687	0.818	-19.1	64	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071826.D
 Acq On : 8 Mar 2018 4:50 pm
 Operator : BNA2:MJS
 Sample : WG1095518-6
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 14:11:57 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
118 T	C15-BZ#85	0.429	0.422	1.6	55	0.00
119 T	C15-BZ#120	0.671	0.746	-11.2	60	0.00
120 T	C15-BZ#110	0.648	0.685	-5.7	58	0.00
121 T	C14-BZ#81	0.739	0.777	-5.1	57	0.00
122 i	C17-BZ#180-C13	1.000	1.000	0.0	56	0.00
123 T	C16-BZ#151	0.855	0.906	-6.0	59	0.00
124 T	C16-BZ#135	0.902	0.972	-7.8	58	0.00
125 T	C15-BZ#82	0.771	0.839	-8.8	59	0.02
126 T	C16-BZ#144	0.879	0.943	-7.3	58	0.00
127 T	C16-BZ#147/#149	0.939	0.988	-5.2	58	0.00
128 T	C14-BZ#77-RTW	1.283	1.281	0.2	54	0.00
129 T	C16-BZ#143/#139	0.902	0.983	-9.0	58	0.00
130 T	C15-BZ#124	1.213	1.307	-7.7	58	0.00
131 T	C15-BZ#108	1.232	1.247	-1.2	53	0.00
132 T	C15-BZ#107/#123	1.314	1.456	-10.8	61	0.00
133 T	C16-BZ#140	0.872	0.924	-6.0	58	0.00
134 A1	C17-BZ#188-Cal/RTW	1.025	1.114	-8.7	58	0.00
135 A2	Heptachlorobiphenyls	1.025	0.000#	100.0#	0#	-41.10#
136 A2	C17-Conf Ion	1.025	0.000#	100.0#	0#	-41.10#
137 T	C16-BZ#134	0.743	0.786	-5.8	56	0.00
138 T	C15-BZ#106	1.194	1.203	-0.8	50	0.00
139 T	C16-BZ#133	1.011	1.019	-0.8	52	0.00
140 T	C16-BZ#142	0.680	0.791	-16.3	68	0.00
141 T	C15-BZ#118	1.159	1.266	-9.2	59	0.00
142 T	C16-BZ#131	0.783	0.836	-6.8	59	0.00
143 T	C17-BZ#184	1.013	1.073	-5.9	58	0.00
144 T	C16-BZ#165	1.102	1.167	-5.9	57	0.00
145 T	C16-BZ#146	0.964	1.046	-8.5	60	0.00
146 T	C16-BZ#161	1.227	1.305	-6.4	57	0.00
147 T	C15-BZ#122	1.068	1.150	-7.7	58	0.00
148 T	C16-BZ#168	1.179	1.187	-0.7	53	0.00
149 T	C15-BZ#114	1.173	1.270	-8.3	58	0.00
150 T	C16-BZ#153	1.050	1.176	-12.0	64	0.00
151 s	C16-BZ#153-C13 (surr)	0.919	0.976	-6.2	57	0.00
152 T	C16-BZ#132	0.842	0.884	-5.0	58	0.00
153 T	C17-BZ#179	1.046	1.100	-5.2	58	0.00
154 T	C16-BZ#141	0.843	0.889	-5.5	58	0.00
155 T	C17-BZ#176	0.994	1.042	-4.8	58	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071826.D
 Acq On : 8 Mar 2018 4:50 pm
 Operator : BNA2:MJS
 Sample : WG1095518-6
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 14:11:57 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
156 T	C15-BZ#105	1.435	1.437	-0.1	56	0.00
157 T	C16-BZ#137	0.864	0.931	-7.8	58	0.02
158 T	C15-BZ#127	1.574	1.631	-3.6	57	0.00
159 T	C17-BZ#186	1.106	1.169	-5.7	57	0.00
160 T	C16-BZ#130/#164	1.008	1.068	-6.0	58	0.00
161 T	C17-BZ#178	0.758	0.796	-5.0	58	0.00
162 T	C16-BZ#138	1.024	1.159	-13.2	62	0.00
163 T	C16-BZ#163/#160	1.158	1.176	-1.6	54	0.00
164 T	C16-BZ#129/#158	0.966	1.057	-9.4	61	0.00
165 T	C17-BZ#182/#175	0.867	0.948	-9.3	58	0.00
166 T	C17-BZ#187	0.888	0.926	-4.3	57	0.00
167 T	C17-BZ#183	0.854	0.899	-5.3	58	0.00
168 T	C16-BZ#166	1.258	1.327	-5.5	58	0.00
169 T	C16-BZ#159	1.258	1.305	-3.7	57	0.00
170 T	C15-BZ#126-RTW	1.539	1.608	-4.5	57	0.00
171 T	C17-BZ#185	0.794	0.827	-4.2	58	0.00
172 T	C16-BZ#162	1.166	1.239	-6.3	58	0.02
173 T	C17-BZ#174	0.788	0.829	-5.2	58	0.02
174 T	C16-BZ#128	0.862	0.919	-6.6	58	0.00
175 T	C16-BZ#167	1.547	1.674	-8.2	59	0.00
176 T	C18-BZ#202-RTW	0.892	0.955	-7.1	58	0.00
177 s	C18-BZ#202-C13 (surr)	0.942	0.978	-3.8	58	0.00
178 T	C17-BZ#181	0.886	0.951	-7.3	58	0.00
179 T	C17-BZ#177	0.769	0.816	-6.1	58	0.00
180 A1	C18-BZ#204/#200-Cal	0.876	0.919	-4.9	57	0.00
181 A2	Octachlorobiphenyls	0.876	0.000#	100.0#	0#	-43.58#
182 A2	C18-Conf Ion	0.876	0.000#	100.0#	0#	-43.58#
183 T	C17-BZ#171	0.753	0.786	-4.4	57	0.02
184 T	C17-BZ#173	0.742	0.776	-4.6	58	0.00
185 T	C17-BZ#172	0.797	0.819	-2.8	58	0.00
186 T	C17-BZ#192	1.092	1.145	-4.9	57	0.00
187 T	C16-BZ#156	1.206	1.260	-4.5	58	0.00
188 T	C16-BZ#157	1.246	1.288	-3.4	57	0.00
189 T	C17-BZ#180	0.970	1.026	-5.8	59	0.00
190 T	C17-BZ#193	0.998	0.996	0.2	54	0.00
191 T	C18-BZ#197	0.894	0.932	-4.3	57	0.00
192 T	C17-BZ#191	1.037	1.076	-3.8	57	0.00
193 T	C18-BZ#199	0.889	0.912	-2.6	57	0.00
194 T	C18-BZ#198	0.754	0.774	-2.7	61	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071826.D
 Acq On : 8 Mar 2018 4:50 pm
 Operator : BNA2:MJS
 Sample : WG1095518-6
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 14:11:57 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
195 T	C18-BZ#201	0.651	0.666	-2.3	53	0.02
196 T	C17-BZ#170	0.751	0.772	-2.8	58	0.00
197 T	C17-BZ#190	1.093	1.151	-5.3	58	0.00
198 T	C18-BZ#196	0.706	0.700	0.8	54	0.00
199 T	C18-BZ#203	0.763	0.809	-6.0	58	0.00
200 T	C16-BZ#169-RTW	1.332	1.340	-0.6	56	0.00
201 T	C19-BZ#208-RTW	0.943	0.934	1.0	57	0.02
202 T	C19-BZ#207	0.921	0.951	-3.3	57	0.00
203 T	C17-BZ#189-RTW	0.995	1.024	-2.9	58	0.02
204 T	C18-BZ#195	0.694	0.694	0.0	57	0.02
205 T	C18-BZ#194	0.743	0.744	-0.1	57	0.00
206 T	C18-BZ#205-RTW	0.910	0.897	1.4	56	0.00
207 A1	C19-BZ#206-Cal/RTW	0.759	0.762	-0.4	57	0.00
208 A2	Nonachlorobiphenyls	0.759	0.000#	100.0#	0#	-49.49#
209 A2	C19-Conf Ion	0.759	0.000#	100.0#	0#	-49.49#
210 A1	C110-BZ#209-Cal/RTW	0.753	0.744	1.2	55	-0.02
211 A2	Decachlorobiphenyl	0.753	0.000#	100.0#	0#	-56.30#
212 A2	C110-Conf Ion	0.753	0.000#	100.0#	0#	-56.30#

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071826.D
 Acq On : 8 Mar 2018 4:50 pm
 Operator : BNA2:MJS
 Sample : WG1095518-6
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 14:11:57 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.864	234	318587	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.876	406	173051	200.000	ng/mL	0.00	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.944	268	30045	53.630	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	53.63%		
93) C15-BZ#101-C13 (surr)	33.192	338	44148	53.914	ng/mL	0.02	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	53.91%		
151) C16-BZ#153-C13 (surr)	38.720	372	42232	53.096	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	53.10%		
177) C18-BZ#202-C13 (surr)	42.923	442	42324	51.931	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	51.93%		
Target Compounds							
3) C11-BZ#1-Cal/RTW	14.543	188	81646	55.609	ng/mL	100	Qvalue
4) Monochlorobiphenyls	0.000		0	N.D.	d		
5) C11- conf Ion	0.000		0	N.D.	d		
6) C11-BZ#2	16.626	188	83795	54.242	ng/mL	99	
7) C11-BZ#3-RTW	17.084	188	82593	54.456	ng/mL	98	
8) C12-BZ#4/#10-RTW	17.503	222	97981	110.470	ng/mL	99	
9) C12-BZ#9	19.063	222	61367	53.799	ng/mL	99	
10) C12-BZ#7	19.159	222	60524	54.454	ng/mL	98	
11) C12-BZ#6	19.585	222	65784	53.754	ng/mL	99	
12) C12-BZ#5	20.036	222	59214	53.257	ng/mL	100	
13) C12-BZ#8	20.180	222	67988	53.779	ng/mL	100	
14) Dichlorobiphenyls	0.000		0	N.D.	d		
15) C12-Conf Ion	0.000		0	N.D.	d		
16) C13-BZ#19-RTW	20.969	256	33414	53.509	ng/mL	99	
17) C12-BZ#14	21.105	222	64982	53.257	ng/mL	97	
18) C13-BZ#30	21.515	256	53359	53.536	ng/mL	99	
19) C13-BZ#18	22.328	256	36111	52.053	ng/mL	97	
20) C12-BZ#11	22.456	222	69602	53.151	ng/mL	99	
21) C13-BZ#17	22.537	256	34094	52.781	ng/mL	99	
22) C12-BZ#12	22.850	222	61609	53.184	ng/mL	98	
23) C13-BZ#27	22.899	256	47802	53.429	ng/mL	98	
24) C12-BZ#13	23.148	222	71033	53.221	ng/mL	98	
25) C13-BZ#24	23.172	256	49326	53.629	ng/mL	99	
26) C13-BZ#16	23.510	256	29391	52.074	ng/mL	97	
27) C13-BZ#32	23.711	256	51957	52.606	ng/mL	98	
28) C12-BZ#15-RTW	23.880	222	69897	51.683	ng/mL	100	

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071826.D
 Acq On : 8 Mar 2018 4:50 pm
 Operator : BNA2:MJS
 Sample : WG1095518-6
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 14:11:57 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) C13-BZ#34	24.105	256	49037	53.126	ng/mL	99
30) C13-BZ#23	24.290	256	48419	53.454	ng/mL	100
31) C14-BZ#54-RTW	24.298	292	45515	53.901	ng/mL	99
32) C13-BZ#29-Cal	24.515	256	48158	52.664	ng/mL	99
33) Trichlorobiphenyls	0.000		0	N.D.	d	
34) C13- Conf Ion	0.000		0	N.D.	d	
35) C14-BZ#50-Cal	25.022	292	37053	52.519	ng/mL	99
36) Tetrachlorobiphenyls	0.000		0	N.D.	d	
37) C14-Conf Ion	0.000		0	N.D.	d	
38) C13-BZ#26	25.046	256	53354	52.019	ng/mL	99
39) C13-BZ#25	25.255	256	51915	51.992	ng/mL	100
40) C14-BZ#53	25.727	292	40501	52.040	ng/mL	98
41) C13-BZ#-31	25.827	256	70329	50.999	ng/mL	98
42) C13-BZ#28	26.025	256	66762	49.148	ng/mL	100
43) C13-BZ#33	26.108	256	60255M3	62.228	ng/mL	
44) C13-BZ#21/#20	26.158	256	127369M3	103.862	ng/mL	
45) C14-BZ#51	26.158	292	46476	54.096	ng/mL	98
46) C14-BZ#45	26.720	292	35257	52.551	ng/mL	99
47) C13-BZ#22	26.952	256	63690	53.308	ng/mL	99
48) C14-BZ#73/#46	27.084	292	96280	107.381	ng/mL	100
49) C14-BZ#69	27.366	292	54596	50.956	ng/mL	98
50) C14-BZ#43	27.465	292	38858	54.916	ng/mL	97
51) C13-BZ#36	27.498	256	72453	54.504	ng/mL	98
52) C14-BZ#52	27.614	292	45320	52.019	ng/mL	99
53) C14-BZ#48	27.780	292	41320	53.377	ng/mL	98
54) C14-BZ#49	27.929	292	43151	51.821	ng/mL	100
55) C15-BZ#104-RTW	28.144	326	46515	54.101	ng/mL	100
56) C14-BZ#47	28.226	292	47484M2	52.879	ng/mL	
57) C14-BZ#65/#75/#62	28.326	292	170394	161.512	ng/mL	99
58) C13-BZ#39	28.359	256	65016	53.066	ng/mL	99
59) C13-BZ#38	28.491	256	65006	55.016	ng/mL	98
60) C14-BZ#44	28.872	292	37514	51.752	ng/mL	97
61) C14-BZ#59	29.104	292	55187	51.915	ng/mL	98
62) C14-BZ#42	29.203	292	37040	53.788	ng/mL	95
63) C14-BZ#71	29.435	292	58535	52.433	ng/mL	100
64) C13-BZ#35	29.551	256	65761	53.219	ng/mL	100
65) C14-BZ#41	29.666	292	36071	53.209	ng/mL	100
66) C14-BZ#72	29.782	292	63323	54.202	ng/mL	100
67) C15-BZ#96	29.799	326	51248	55.123	ng/mL	96
68) C15-BZ#103	29.931	326	39533	55.005	ng/mL	98
69) C14-BZ#68/#64	30.097	292	117088	108.230	ng/mL	99

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071826.D
 Acq On : 8 Mar 2018 4:50 pm
 Operator : BNA2:MJS
 Sample : WG1095518-6
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 14:11:57 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) C14-BZ#40	30.213	292	27479	52.158	ng/mL	99
71) C13-BZ#37-RTW	30.428	256	86264	52.510	ng/mL	99
72) C15-BZ#100	30.428	326	42897	55.388	ng/mL	99
73) C15-BZ#94	30.527	326	31989	55.947	ng/mL	99
74) C14-BZ#57	30.626	292	61009	52.476	ng/mL	99
75) C14-BZ#67/#58	30.957	292	126826	108.390	ng/mL	100
76) C15-BZ#102	31.007	326	45377	55.120	ng/mL	100
77) C14-BZ#61	31.305	292	60340	52.360	ng/mL	98
78) C15-BZ#98	31.321	326	41221	54.656	ng/mL	98
79) C14-BZ#76	31.470	292	69029	56.684	ng/mL	99
80) C15-BZ#93	31.454	326	33514	55.087	ng/mL	99
81) C14-BZ#63	31.553	292	55561M4	50.854	ng/mL	
82) C15-BZ#121/#95/#88	31.619	326	134579	166.678	ng/mL	100
83) C14-BZ#74	31.835	292	64065	53.013	ng/mL	99
84) C16-BZ#155-RTW	31.967	360	47482	53.049	ng/mL	98
85) C14-BZ#70	32.000	292	66387	53.337	ng/mL	98
86) C14-BZ#66	32.298	292	60558	53.744	ng/mL	98
87) C15-BZ#91	32.166	326	38109	53.545	ng/mL	100
88) C14-BZ#80	32.563	292	62891	53.305	ng/mL	98
89) C14-BZ#55	32.745	292	63242	52.495	ng/mL	99
90) C15-BZ#92	32.794	326	37804	54.450	ng/mL	98
91) C15-BZ#89/#84	33.076	326	71531	107.510	ng/mL	98
92) C15-BZ#101/#90	33.208	326	82897M4	108.150	ng/mL	
94) C14-BZ#56	33.208	292	63907	53.619	ng/mL	99
95) C15-BZ#113	33.308	326	51848	57.543	ng/mL	99
96) C15-BZ#99	33.572	326	46262	53.448	ng/mL	99
97) C16-BZ#150	33.622	360	52147	54.338	ng/mL	97
98) C14-BZ#60	33.639	292	67486	52.990	ng/mL	99
99) C16-BZ#152	33.986	360	55818	54.252	ng/mL	100
100) C15-BZ#119	34.069	326	61490	58.651	ng/mL	97
101) C15-BZ#83/#125/#112	34.218	326	137508M4	157.611	ng/mL	
102) C15-BZ#86/#109	34.383	326	96882M4	111.691	ng/mL	
103) C15-BZ#97	34.499	326	36144	55.895	ng/mL	97
104) C15-BZ#116	34.963	326	48133	53.938	ng/mL	97
105) C15-BZ#87/#111	35.261	326	97897M4	112.221	ng/mL	
106) Pentachlorobiphenyls	0.000		0	N.D.	d	
107) C15-Conf Ion	0.000		0	N.D.	d	
108) C16-BZ#145	34.433	360	57646	54.271	ng/mL	99
109) C16-BZ#148	34.632	360	39217	54.040	ng/mL	99
110) C14-BZ#79	34.747	292	62349	53.146	ng/mL	99
111) C16-BZ#154-Cal	35.161	360	44928	53.568	ng/mL	100

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071826.D
 Acq On : 8 Mar 2018 4:50 pm
 Operator : BNA2:MJS
 Sample : WG1095518-6
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 14:11:57 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112) Hexachlorobiphenyls	0.000		0		N.D.	d
113) Cl6-Conf Ion	0.000		0		N.D.	d
114) Cl4-BZ#78	35.227	292	77274M4	53.214	ng/mL	
115) Cl6-BZ#136	35.294	360	50981	54.831	ng/mL	99
116) Cl5-BZ#117	35.360	326	56063M4	50.778	ng/mL	
117) Cl5-BZ#115	35.443	326	65117M4	59.515	ng/mL	
118) Cl5-BZ#85	35.525	326	33595	49.160	ng/mL	99
119) Cl5-BZ#120	35.658	326	59377	55.517	ng/mL	99
120) Cl5-BZ#110	35.807	326	54550	52.841	ng/mL	99
121) Cl4-BZ#81	36.187	292	61874	52.537	ng/mL	99
123) Cl6-BZ#151	36.204	360	39193	52.978	ng/mL	98
124) Cl6-BZ#135	36.336	360	42047	53.883	ng/mL	100
125) Cl5-BZ#82	36.518	326	36317	54.408	ng/mL	97
126) Cl6-BZ#144	36.535	360	40796	53.626	ng/mL	99
127) Cl6-BZ#147/#149	36.849	360	85513	105.281	ng/mL	97
128) Cl4-BZ#77-RTW	36.949	292	55423M4	49.931	ng/mL	
129) Cl6-BZ#143/#139	37.081	360	85042	108.945	ng/mL	99
130) Cl5-BZ#124	37.230	326	56555	53.888	ng/mL	99
131) Cl5-BZ#108	37.511	326	53949	50.606	ng/mL	99
132) Cl5-BZ#107/#123	37.611	326	125940M4	110.802	ng/mL	
133) Cl6-BZ#140	37.263	360	39981	52.997	ng/mL	99
134) Cl7-BZ#188-Cal/RTW	37.627	394	48204	54.335	ng/mL	99
135) Heptachlorobiphenyls	0.000		0		N.D.	d
136) Cl7-Conf Ion	0.000		0		N.D.	d
137) Cl6-BZ#134	37.710	360	34001	52.881	ng/mL	94
138) Cl5-BZ#106	37.743	326	52047	50.360	ng/mL	99
139) Cl6-BZ#133	37.826	360	44101M3	50.394	ng/mL	
140) Cl6-BZ#142	37.842	360	34210M3	58.169	ng/mL	
141) Cl5-BZ#118	37.975	326	54770	54.599	ng/mL	97
142) Cl6-BZ#131	37.975	360	36172	53.386	ng/mL	100
143) Cl7-BZ#184	38.107	394	46433	52.960	ng/mL	98
144) Cl6-BZ#165	38.173	360	50508	52.984	ng/mL	97
145) Cl6-BZ#146	38.289	360	45264	54.241	ng/mL	100
146) Cl6-BZ#161	38.455	360	56437	53.159	ng/mL	100
147) Cl5-BZ#122	38.438	326	49767	53.851	ng/mL	100
148) Cl6-BZ#168	38.670	360	51368	50.352	ng/mL	98
149) Cl5-BZ#114	38.720	326	54933	54.129	ng/mL	100
150) Cl6-BZ#153	38.736	360	50897	56.036	ng/mL	83
152) Cl6-BZ#132	39.001	360	38260	52.486	ng/mL	98
153) Cl7-BZ#179	39.266	394	47577	52.560	ng/mL	99
154) Cl6-BZ#141	39.564	360	38459	52.737	ng/mL	100

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071826.D
 Acq On : 8 Mar 2018 4:50 pm
 Operator : BNA2:MJS
 Sample : WG1095518-6
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 14:11:57 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
155) C17-BZ#176	39.762	394	45092	52.450	ng/mL	98
156) C15-BZ#105	39.828	326	62172	50.060	ng/mL#	80
157) C16-BZ#137	40.011	360	40256	53.855	ng/mL	98
158) C15-BZ#127	40.143	326	70556	51.792	ng/mL#	73
159) C17-BZ#186	40.093	394	50565	52.851	ng/mL	100
160) C16-BZ#130/#164	40.342	360	92449	106.024	ng/mL	99
161) C17-BZ#178	40.639	394	34456	52.556	ng/mL	99
162) C16-BZ#138	40.706	360	50151	56.581	ng/mL	97
163) C16-BZ#163/#160	40.805	360	101779M4	101.539	ng/mL	
164) C16-BZ#129/#158	41.004	360	91445M4	109.440	ng/mL	
165) C17-BZ#182/#175	41.037	394	82035	109.313	ng/mL	100
166) C17-BZ#187	41.219	394	40044	52.098	ng/mL	96
167) C17-BZ#183	41.599	394	38893	52.650	ng/mL	99
168) C16-BZ#166	41.964	360	57405	52.721	ng/mL	97
169) C16-BZ#159	42.212	360	56459	51.852	ng/mL	99
170) C15-BZ#126-RTW	42.427	326	69571	52.248	ng/mL	88
171) C17-BZ#185	42.460	394	35771	52.058	ng/mL	98
172) C16-BZ#162	42.559	360	53593	53.111	ng/mL	98
173) C17-BZ#174	42.708	394	35862	52.567	ng/mL	99
174) C16-BZ#128	42.708	360	39780	53.305	ng/mL	99
175) C16-BZ#167	43.006	360	72403M4	54.074	ng/mL	
176) C18-BZ#202-RTW	42.940	428	41322	53.525	ng/mL	99
178) C17-BZ#181	43.089	394	41160	53.664	ng/mL	97
179) C17-BZ#177	43.420	394	35285	53.059	ng/mL	100
180) C18-BZ#204/#200-Cal	43.519	428	79520	104.890	ng/mL	100
181) Octachlorobiphenyls	0.000		0	N.D.	d	
182) C18-Conf Ion	0.000		0	N.D.	d	
183) C17-BZ#171	43.734	394	34014	52.223	ng/mL	98
184) C17-BZ#173	43.950	394	33584	52.333	ng/mL	100
185) C17-BZ#172	44.397	394	35414	51.326	ng/mL	97
186) C17-BZ#192	44.595	394	49555	52.438	ng/mL	99
187) C16-BZ#156	44.612	360	54521	52.256	ng/mL	100
188) C16-BZ#157	44.860	360	55732	51.711	ng/mL	98
189) C17-BZ#180	44.893	394	44398	52.893	ng/mL	97
190) C17-BZ#193	44.992	394	43086	49.876	ng/mL	98
191) C18-BZ#197	44.032	428	40341	52.132	ng/mL	100
192) C17-BZ#191	45.323	394	46530	51.872	ng/mL	97
193) C18-BZ#199	45.141	428	39467	51.326	ng/mL	99
194) C18-BZ#198	46.680	428	33489	51.317	ng/mL	99
195) C18-BZ#201	46.780	428	28804	51.141	ng/mL	100
196) C17-BZ#170	46.896	394	33405	51.400	ng/mL	96

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071826.D
 Acq On : 8 Mar 2018 4:50 pm
 Operator : BNA2:MJS
 Sample : WG1095518-6
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 14:11:57 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

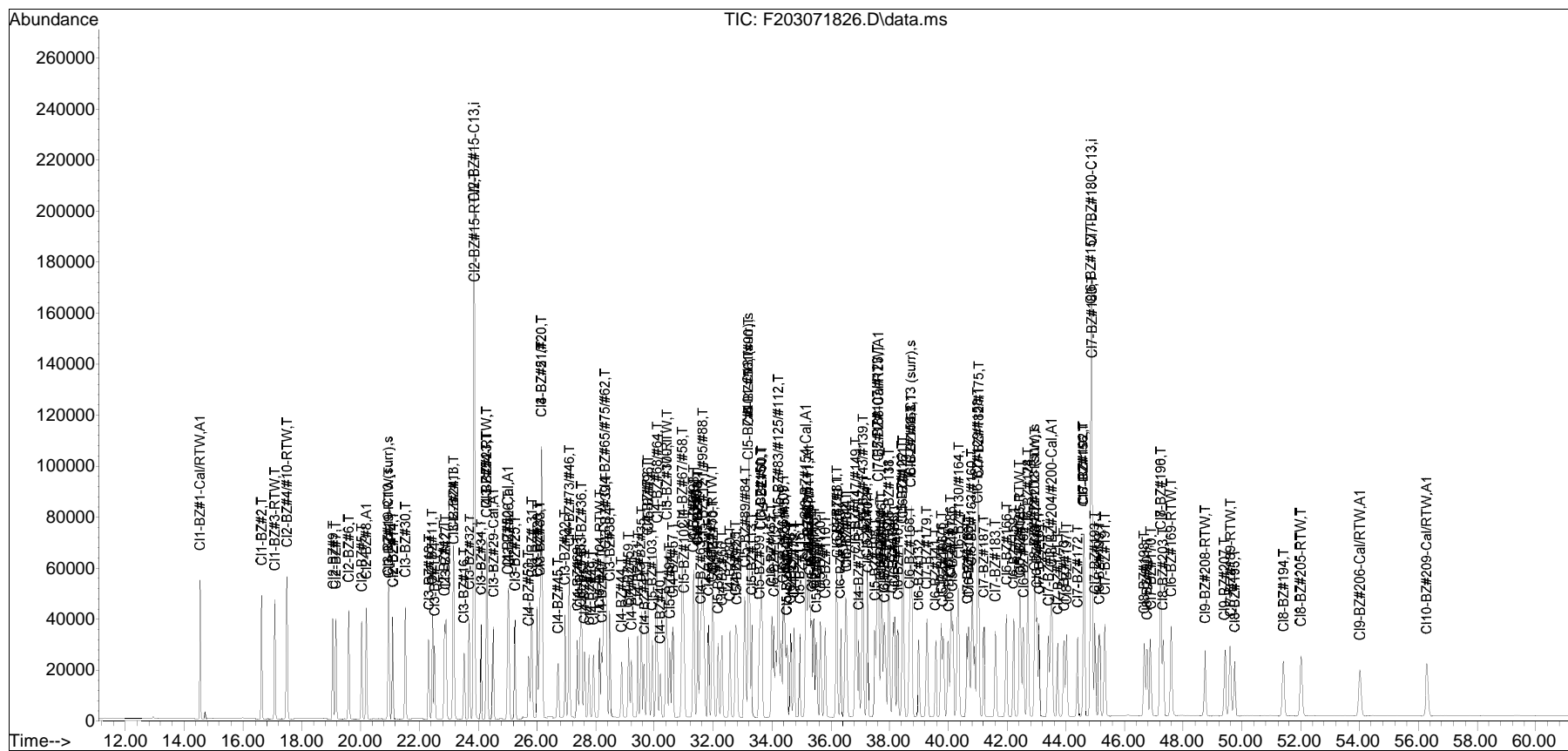
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
197) C17-BZ#190	47.227	394	49817	52.664	ng/mL	98
198) C18-BZ#196	47.227	428	30264	49.549	ng/mL	84
199) C18-BZ#203	47.309	428	35016	53.062	ng/mL	86
200) C16-BZ#169-RTW	47.591	360	57991	50.320	ng/mL	98
201) C19-BZ#208-RTW	48.749	464	40419	49.528	ng/mL	98
202) C19-BZ#207	49.411	464	41123	51.631	ng/mL	95
203) C17-BZ#189-RTW	49.593	394	44302	51.448	ng/mL	100
204) C18-BZ#195	49.742	428	30007	49.991	ng/mL	96
205) C18-BZ#194	51.414	428	32183	50.081	ng/mL	97
206) C18-BZ#205-RTW	51.993	428	38786	49.250	ng/mL	99
207) C19-BZ#206-Cal/RTW	54.012	464	32971	50.211	ng/mL	98
208) Nonachlorobiphenyls	0.000		0	N.D.	d	
209) C19-Conf Ion	0.000		0	N.D.	d	
210) C110-BZ#209-Cal/RTW	56.280	498	32197	49.437	ng/mL#	81
211) Decachlorobiphenyl	0.000		0	N.D.	d	
212) C110-Conf Ion	0.000		0	N.D.	d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071826.D
 Acq On : 8 Mar 2018 4:50 pm
 Operator : BNA2:MJS
 Sample : WG1095518-6
 Misc : WG1095518,MSAT57,ICAL14481
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 14:11:57 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed



Sample Raw Data

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071815.D
 Acq On : 8 Mar 2018 3:24 am
 Operator : BNA2:MJS
 Sample : L1806872-03,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 09 12:59:54 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Homologs - Homologs Only

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.863	234	377674M5	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.876	406	199103	200.000	ng/mL	0.00	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.952	268	53166	80.054	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	80.05%			
93) C15-BZ#101-C13 (surr)	33.192	338	83195	85.704	ng/mL	0.02	
Spiked Amount	100.000	Range 50 - 125	Recovery =	85.70%			
151) C16-BZ#153-C13 (surr)	38.719	372	85204	93.107	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	93.11%			
177) C18-BZ#202-C13 (surr)	42.923	442	78254	83.454	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	83.45%			
Target Compounds							
4) Monochlorobiphenyls	0.000		0	N.D.	d		Qvalue
5) C11- Conf Ion	0.000		0	N.D.	d		
14) Dichlorobiphenyls	20.188	222	41742M5	27.853	ng/mL		
15) C12-Conf Ion	20.188	224	26691M5	17.810	ng/mL		
33) Trichlorobiphenyls	25.826	256	113347M5	104.560	ng/mL		
34) C13- Conf Ion	25.826	258	102167M5	94.246	ng/mL		
36) Tetrachlorobiphenyls	27.614	292	79249M5	94.755	ng/mL		
37) C14-Conf Ion	27.614	290	61717M5	73.792	ng/mL		
106) Pentachlorobiphenyls	31.636	326	8492M5	8.212	ng/mL		
107) C15-Conf Ion	31.652	324	6505M5	6.290	ng/mL		
112) Hexachlorobiphenyls	39.597	360	1897M5	1.908	ng/mL		
113) C16-Conf Ion	36.882	362	1247M5	1.254	ng/mL		
135) Heptachlorobiphenyls	0.000		0	N.D.	d		
136) C17-Conf Ion	0.000		0	N.D.	d		
181) Octachlorobiphenyls	0.000		0	N.D.	d		
182) C18-Conf Ion	0.000		0	N.D.	d		
208) Nonachlorobiphenyls	0.000		0	N.D.	d		
209) C19-Conf Ion	0.000		0	N.D.	d		
211) Decachlorobiphenyl	0.000		0	N.D.	d		
212) C110-Conf Ion	0.000		0	N.D.	d		

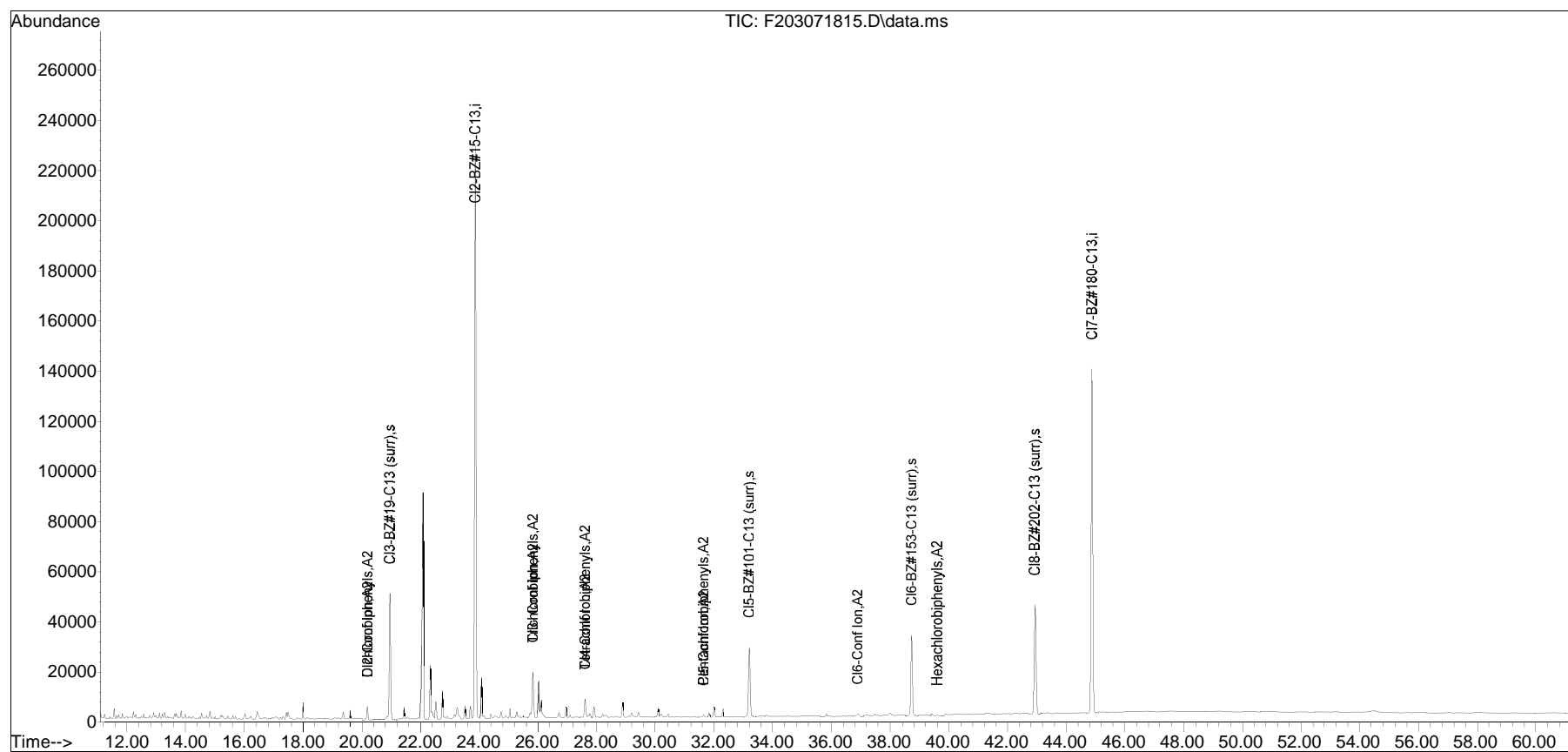
(#) = qualifier out of range (m) = manual integration (+) = signals summed

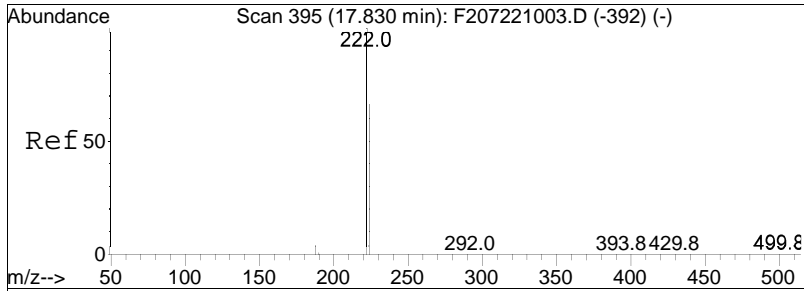
Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071815.D
 Acq On : 8 Mar 2018 3:24 am
 Operator : BNA2:MJS
 Sample : L1806872-03,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 09 12:59:54 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

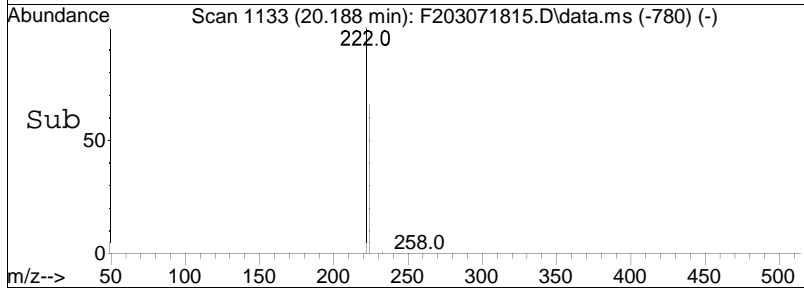
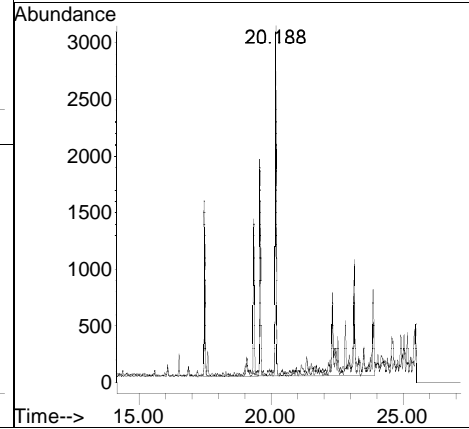
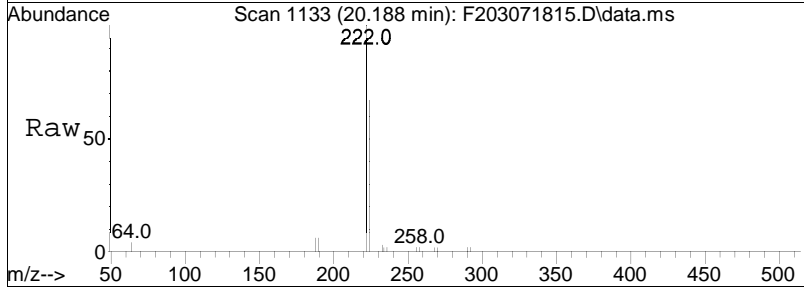
Sub List : Homologs - Homologs Only

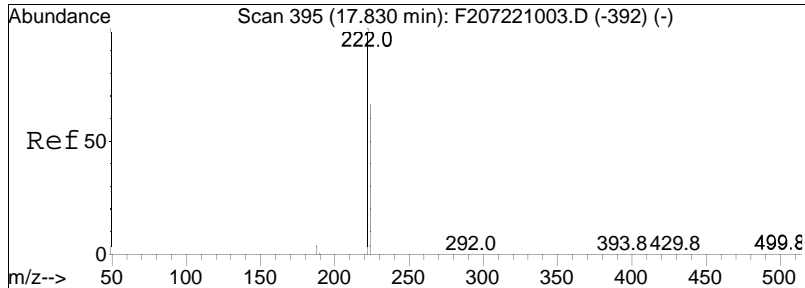




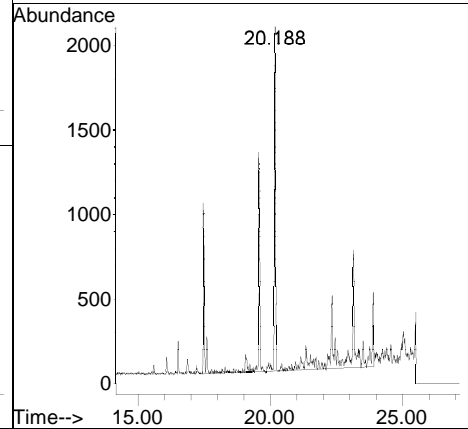
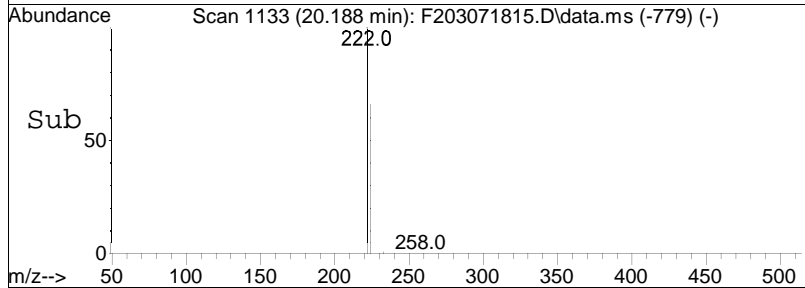
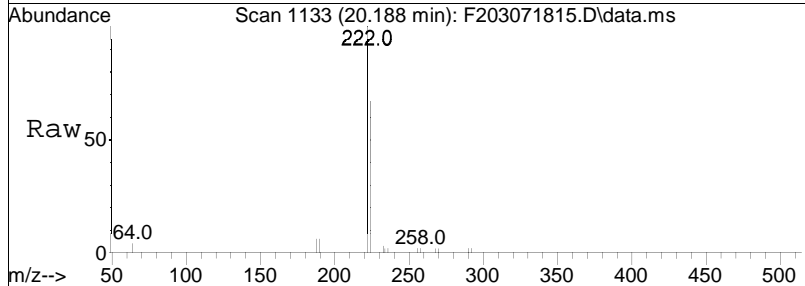
#14
 Dichlorobiphenyls
 Concen: 27.85 ng/mL M5
 RT: 20.188 min Scan# 1133
 Delta R.T. 2.636 min
 Lab File: F203071815.D
 Acq: 8 Mar 2018 3:24 am

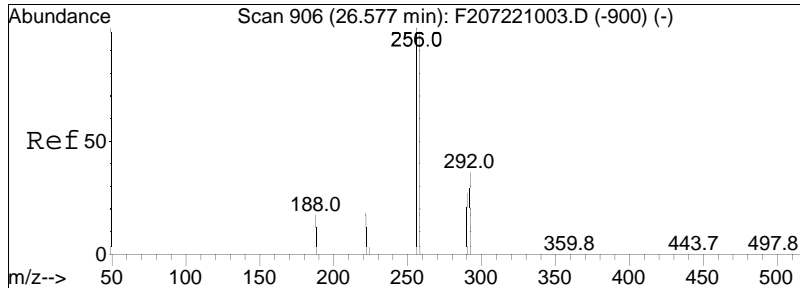
Tgt Ion: 222 Resp: 41742
 Ion Ratio Lower Upper
 222 100
 224 6.2 52.1 78.1#





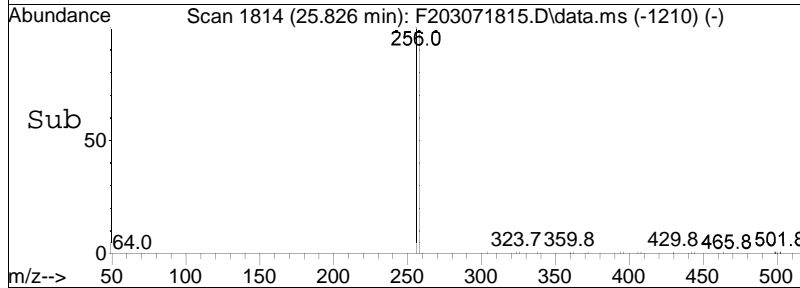
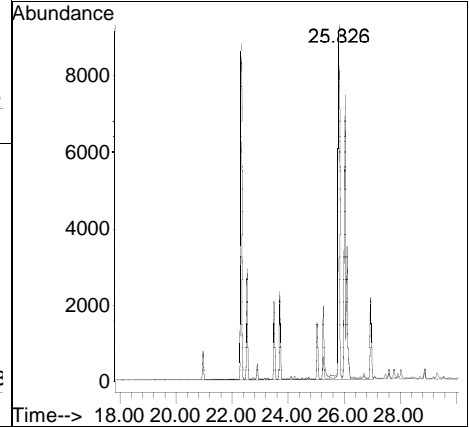
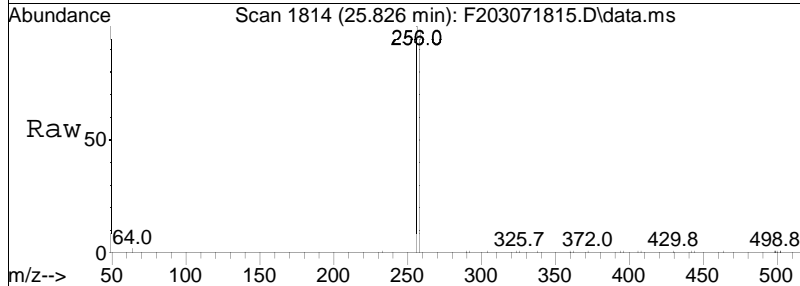
#15
 Cl2-Conf Ion
 Concen: 17.81 ng/mL M5
 RT: 20.188 min Scan# 1133
 Delta R.T. 2.636 min
 Lab File: F203071815.D
 Acq: 8 Mar 2018 3:24 am
 Tgt Ion: 224 Resp: 26691

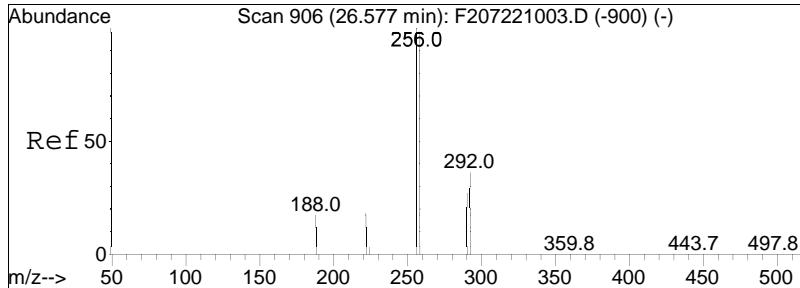




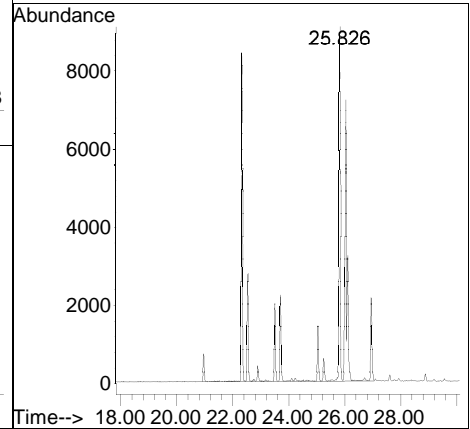
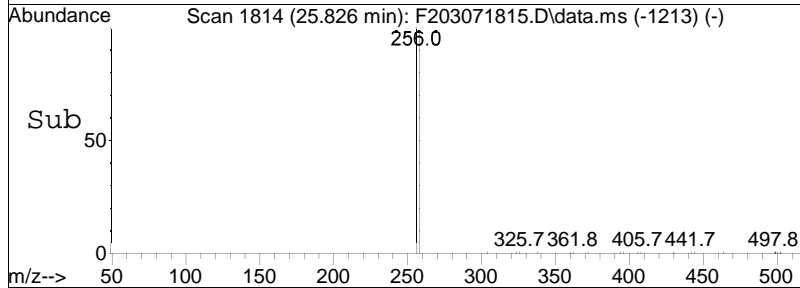
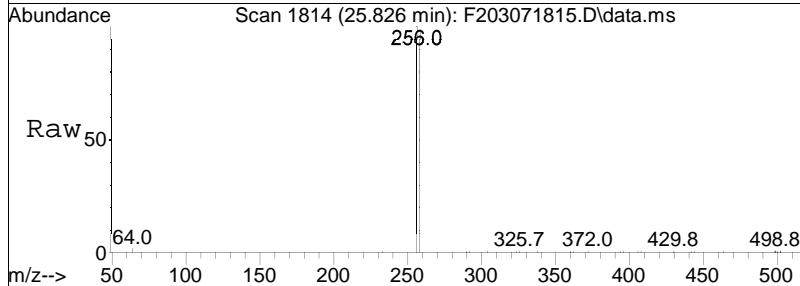
#33
 Trichlorobiphenyls
 Concen: 104.56 ng/mL M5
 RT: 25.826 min Scan# 1814
 Delta R.T. -0.384 min
 Lab File: F203071815.D
 Acq: 8 Mar 2018 3:24 am

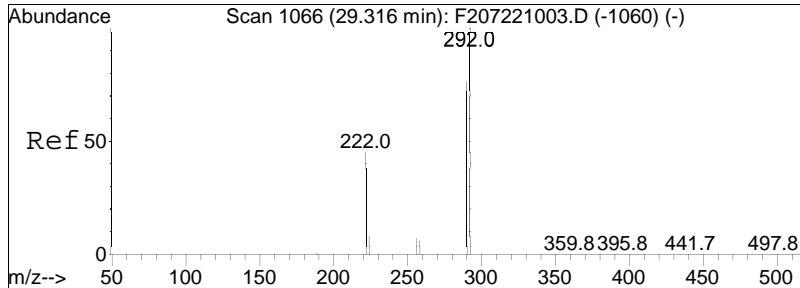
Tgt Ion	Resp	Lower	Upper
256	100		
258	8.9	76.8	115.2#





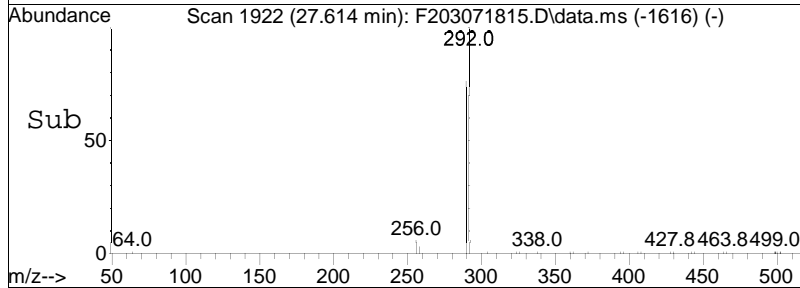
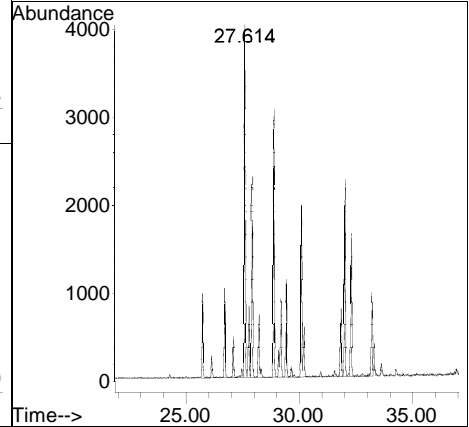
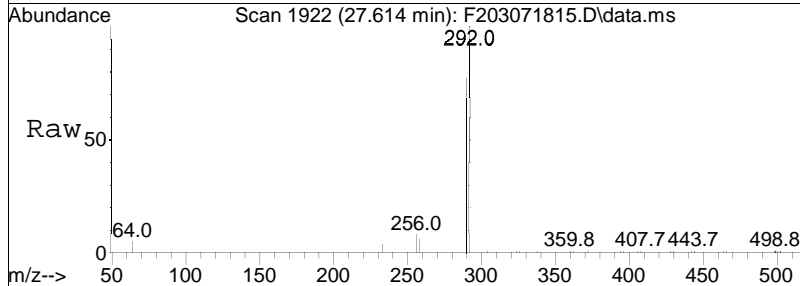
#34
 Cl3- Conf Ion
 Concen: 94.25 ng/mL M5
 RT: 25.826 min Scan# 1814
 Delta R.T. -0.384 min
 Lab File: F203071815.D
 Acq: 8 Mar 2018 3:24 am
 Tgt Ion: 258 Resp: 102167

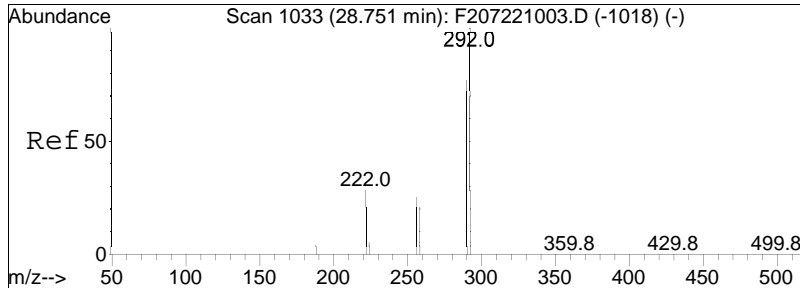




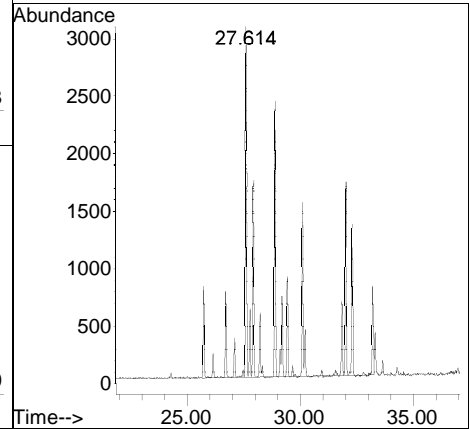
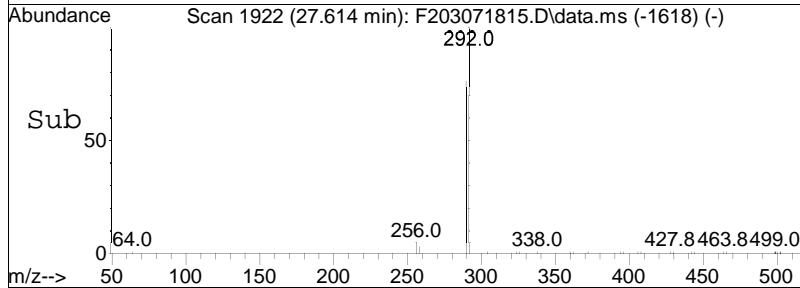
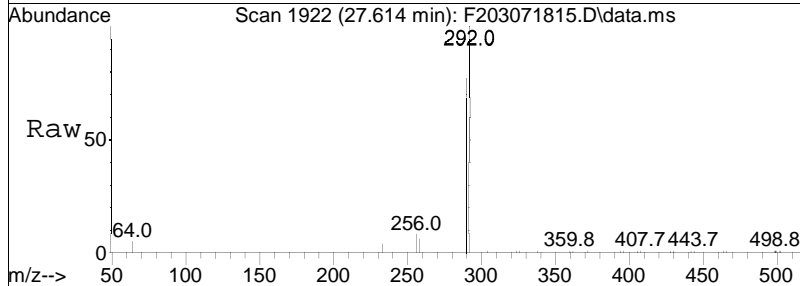
#36
 Tetrachlorobiphenyls
 Concen: 94.75 ng/mL M5
 RT: 27.614 min Scan# 1922
 Delta R.T. -0.758 min
 Lab File: F203071815.D
 Acq: 8 Mar 2018 3:24 am

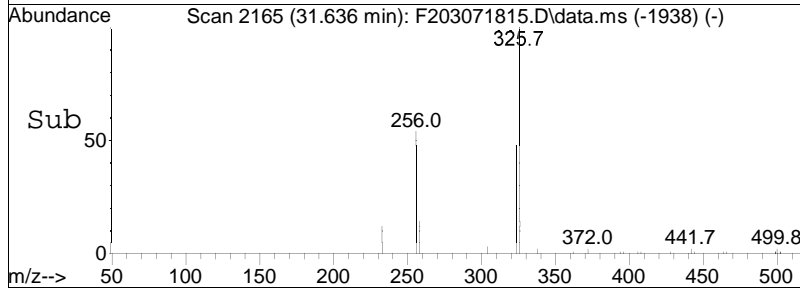
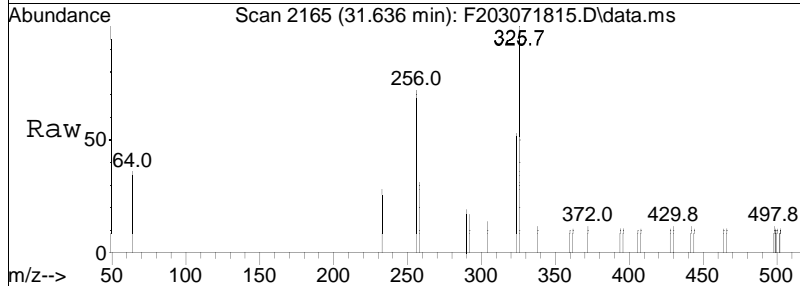
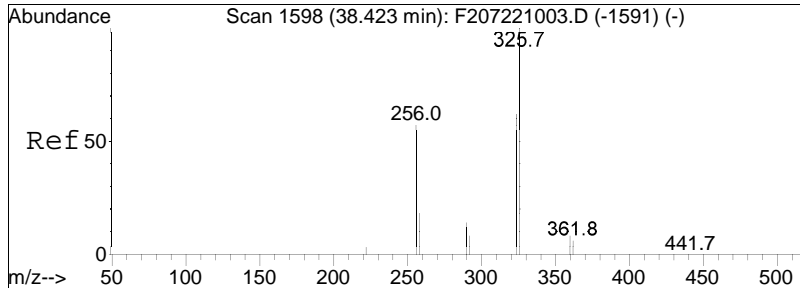
Tgt Ion: 292 Resp: 79249
 Ion Ratio Lower Upper
 292 100
 290 0.3 61.0 91.4#





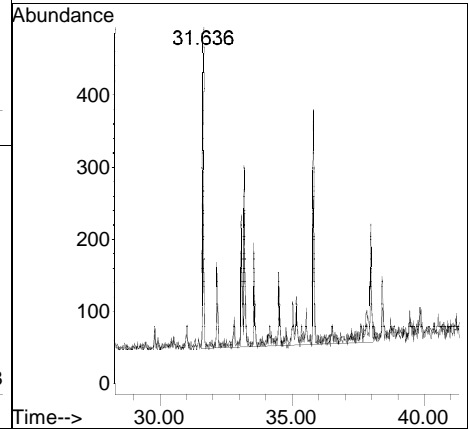
#37
 Cl4-Conf Ion
 Concen: 73.79 ng/mL M5
 RT: 27.614 min Scan# 1922
 Delta R.T. -0.741 min
 Lab File: F203071815.D
 Acq: 8 Mar 2018 3:24 am
 Tgt Ion: 290 Resp: 61717

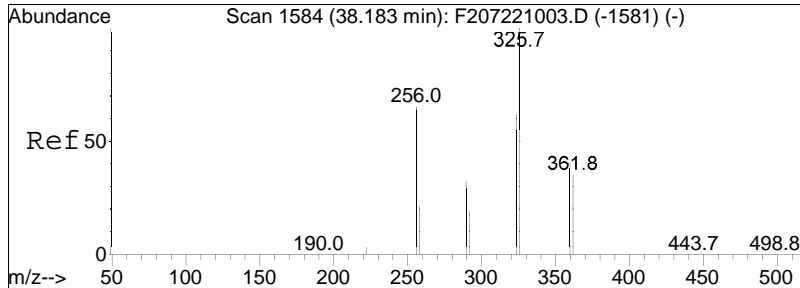




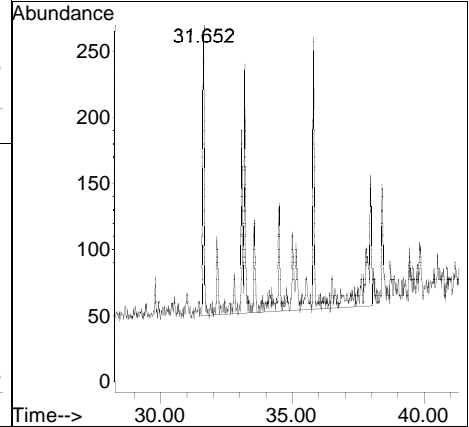
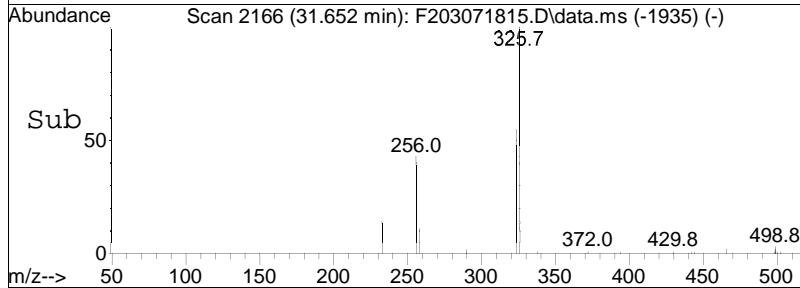
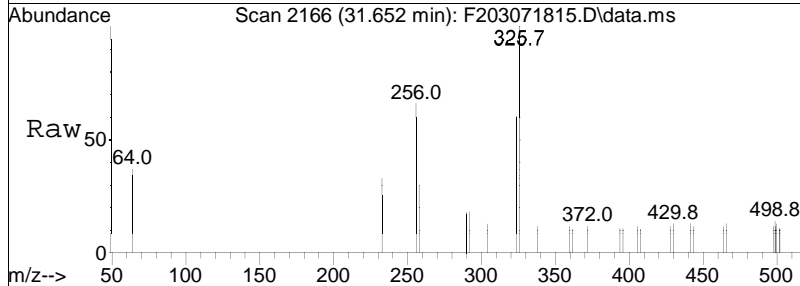
#106
 Pentachlorobiphenyls
 Concen: 8.21 ng/mL M5
 RT: 31.636 min Scan# 2165
 Delta R.T. -2.628 min
 Lab File: F203071815.D
 Acq: 8 Mar 2018 3:24 am

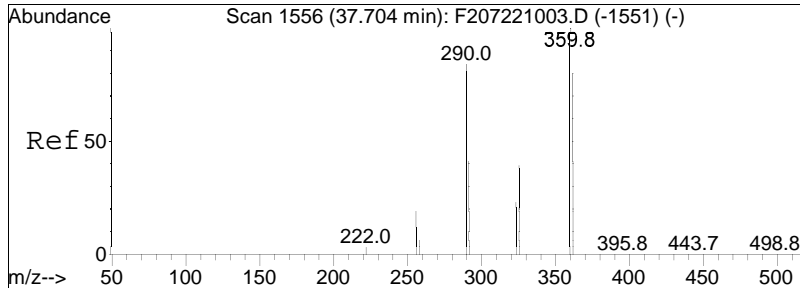
Tgt Ion: 326 Resp: 8492
 Ion Ratio Lower Upper
 326 100
 324 1.0 48.7 73.1#





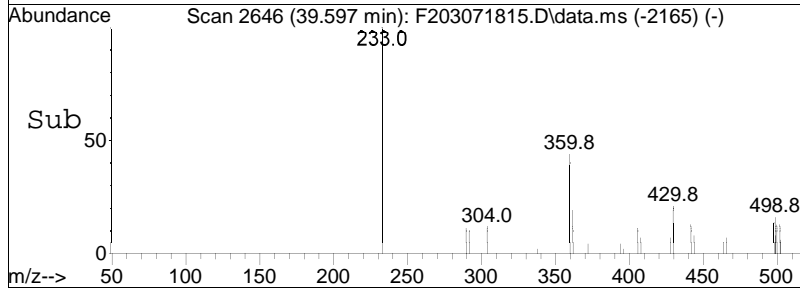
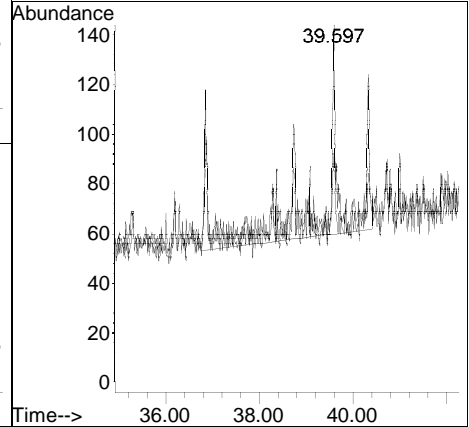
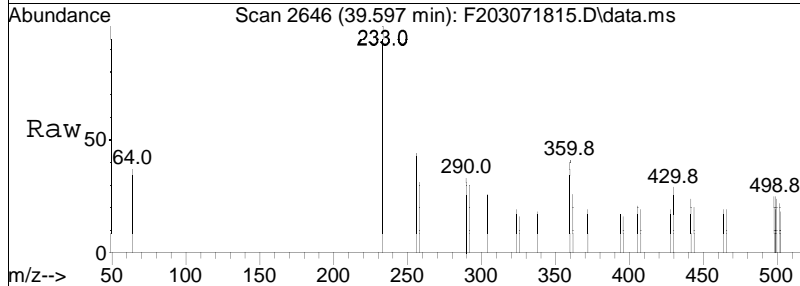
#107
 C15-Conf Ion
 Concen: 6.29 ng/mL M5
 RT: 31.652 min Scan# 2166
 Delta R.T. -5.996 min
 Lab File: F203071815.D
 Acq: 8 Mar 2018 3:24 am
 Tgt Ion:324 Resp: 6505

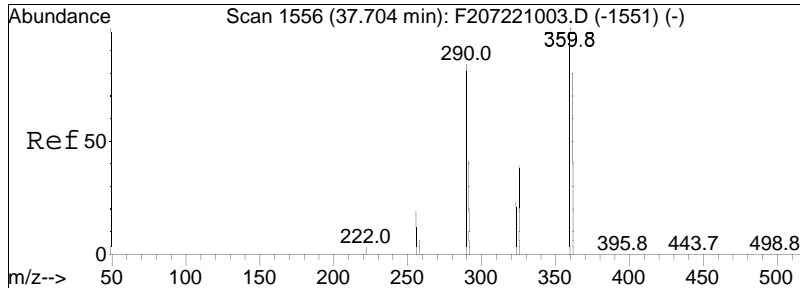




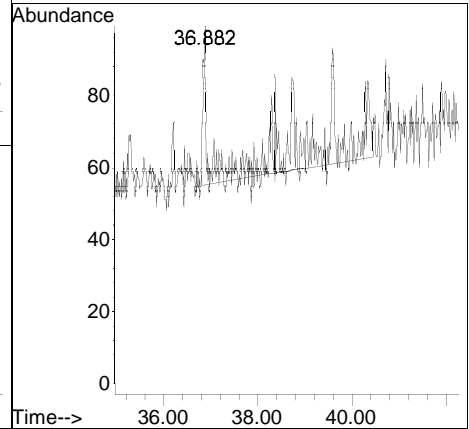
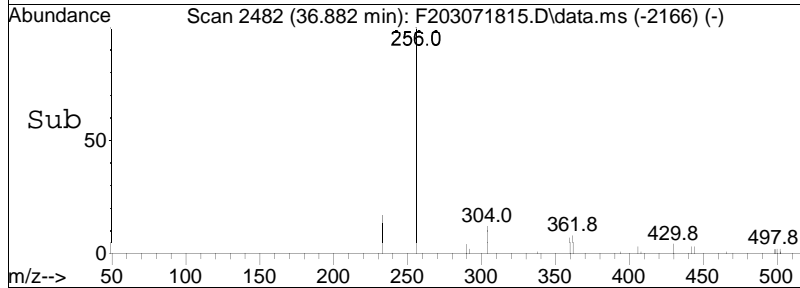
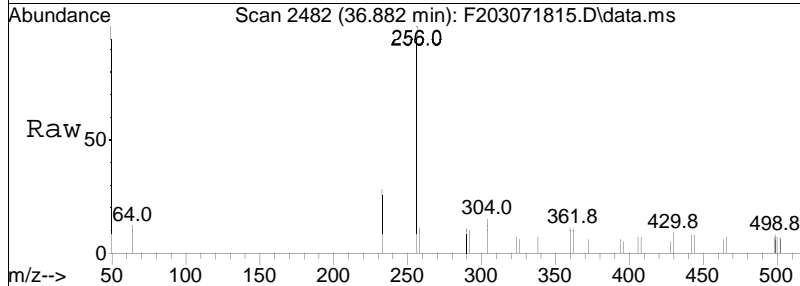
#112
 Hexachlorobiphenyls
 Concen: 1.91 ng/mL M5
 RT: 39.597 min Scan# 2646
 Delta R.T. 2.477 min
 Lab File: F203071815.D
 Acq: 8 Mar 2018 3:24 am

Tgt Ion: 360 Resp: 1897
 Ion Ratio Lower Upper
 360 100
 362 1.5 63.7 95.5#





#113
 Cl6-Conf Ion
 Concen: 1.25 ng/mL M5
 RT: 36.882 min Scan# 2482
 Delta R.T. -0.238 min
 Lab File: F203071815.D
 Acq: 8 Mar 2018 3:24 am
 Tgt Ion: 362 Resp: 1247



Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071816.D
 Acq On : 8 Mar 2018 4:39 am
 Operator : BNA2:MJS
 Sample : L1806872-04,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 09 13:03:46 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Homologs - Homologs Only

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.864	234	372970	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.876	406	195368	200.000	ng/mL	0.00	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.944	268	57578	87.790	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	87.79%			
93) C15-BZ#101-C13 (surr)	33.192	338	89897	93.776	ng/mL	0.02	
Spiked Amount	100.000	Range 50 - 125	Recovery =	93.78%			
151) C16-BZ#153-C13 (surr)	38.720	372	90336	100.602	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	100.60%			
177) C18-BZ#202-C13 (surr)	42.923	442	81537	88.618	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	88.62%			
Target Compounds							
4) Monochlorobiphenyls	0.000		0		N.D.	d	Qvalue
5) C11- Conf Ion	0.000		0		N.D.	d	
14) Dichlorobiphenyls	20.180	222	32617M5	22.038	ng/mL		
15) C12-Conf Ion	20.189	224	25809M5	17.438	ng/mL		
33) Trichlorobiphenyls	25.827	256	89816M5	83.898	ng/mL		
34) C13- Conf Ion	25.827	258	81861M5	76.467	ng/mL		
36) Tetrachlorobiphenyls	27.598	292	99558M5	120.539	ng/mL		
37) C14-Conf Ion	27.598	290	80858M5	97.898	ng/mL		
106) Pentachlorobiphenyls	35.807	326	15670M5	15.344	ng/mL		
107) C15-Conf Ion	35.807	324	14085M5	13.792	ng/mL		
112) Hexachlorobiphenyls	38.753	360	5278M5	5.375	ng/mL		
113) C16-Conf Ion	38.753	362	3920M5	3.992	ng/mL		
135) Heptachlorobiphenyls	44.893	394	2628M5	2.624	ng/mL		
136) C17-Conf Ion	44.893	396	1965M5	1.962	ng/mL		
181) Octachlorobiphenyls	0.000		0		N.D.	d	
182) C18-Conf Ion	0.000		0		N.D.	d	
208) Nonachlorobiphenyls	0.000		0		N.D.	d	
209) C19-Conf Ion	0.000		0		N.D.	d	
211) Decachlorobiphenyl	0.000		0		N.D.	d	
212) C110-Conf Ion	0.000		0		N.D.	d	

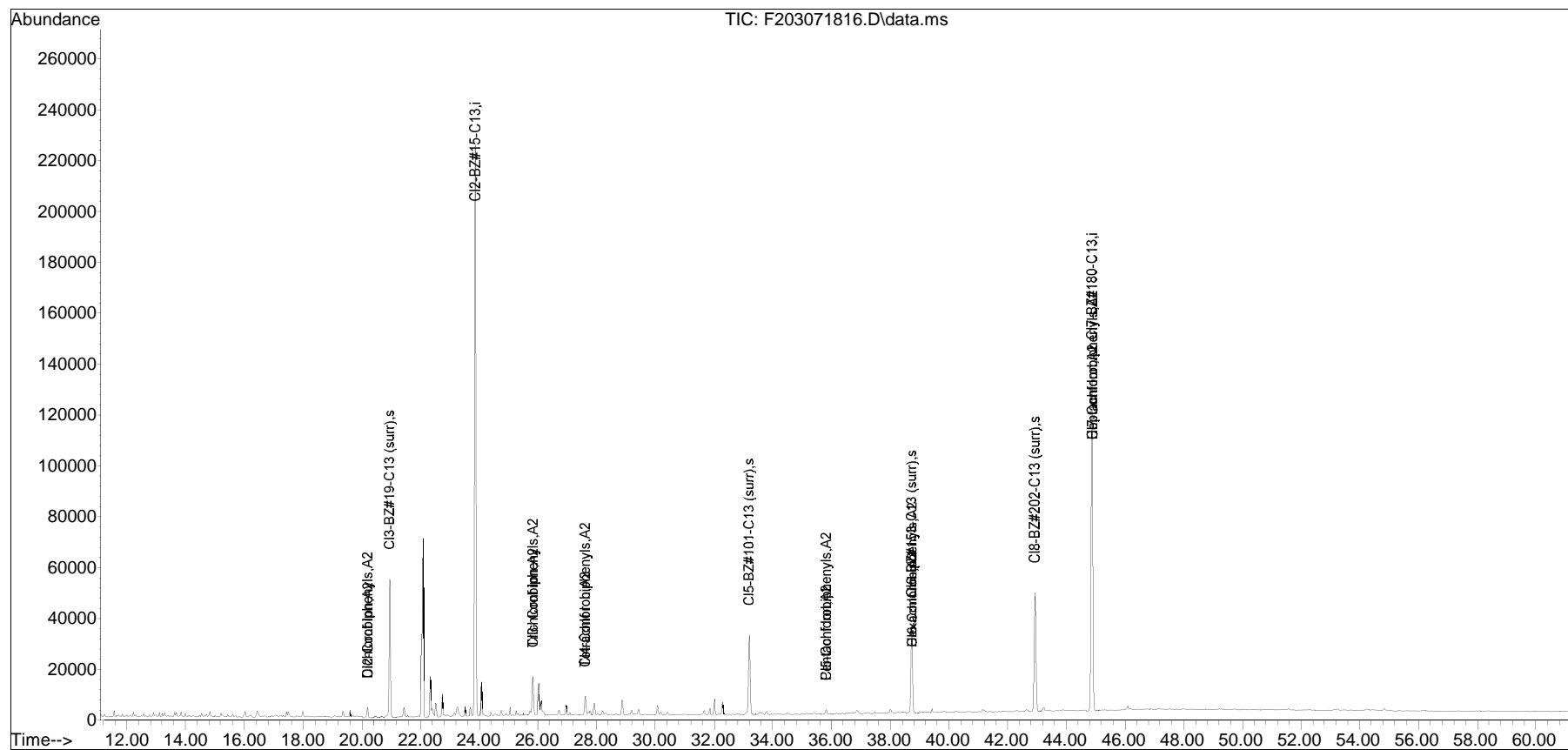
(#) = qualifier out of range (m) = manual integration (+) = signals summed

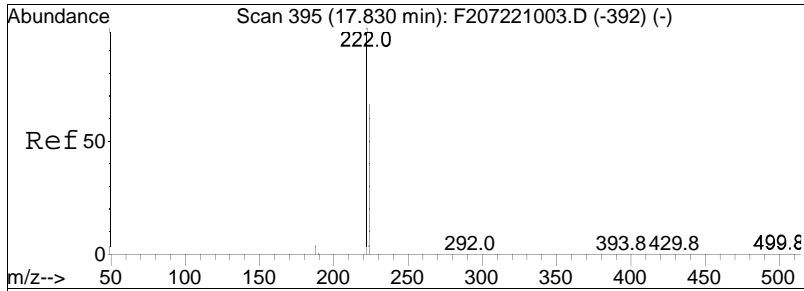
Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
Data File : F203071816.D
Acq On : 8 Mar 2018 4:39 am
Operator : BNA2:MJS
Sample : L1806872-04,HN
Misc : WG1095518,WG1094741,ICAL14481
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 09 13:03:46 2018
Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
Quant Title : Method 680 PCB's by GC/MS
QLast Update : Thu Mar 08 11:02:39 2018
Response via : Initial Calibration

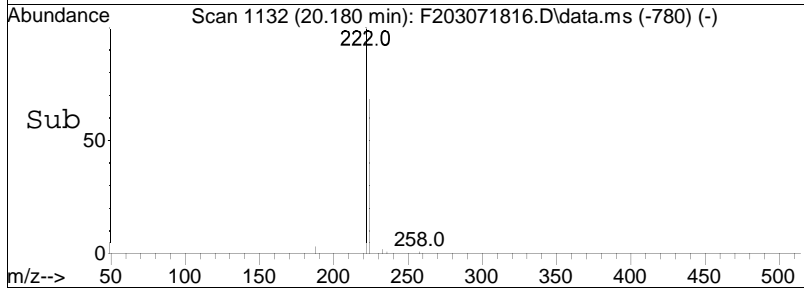
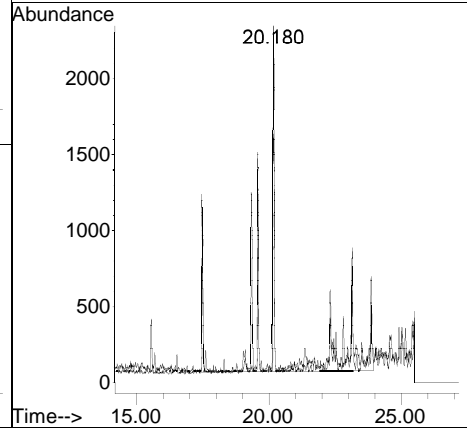
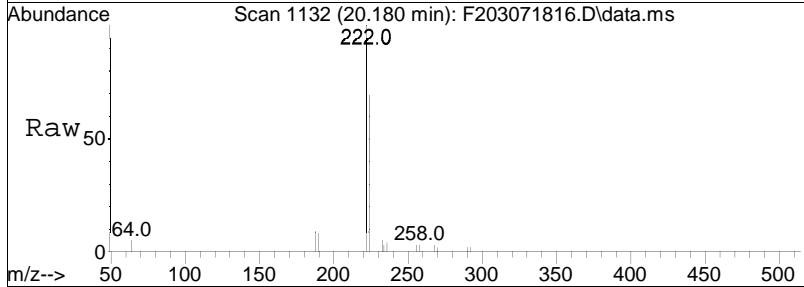
Sub List : Homologs - Homologs Only

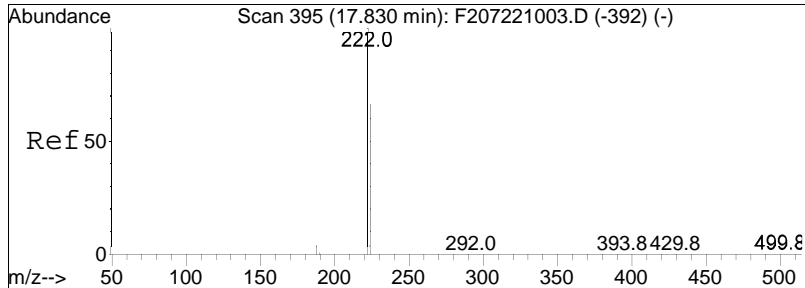




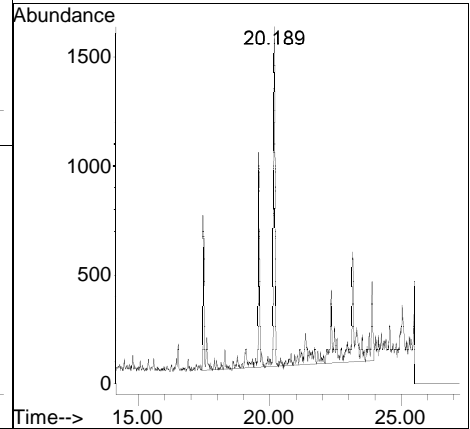
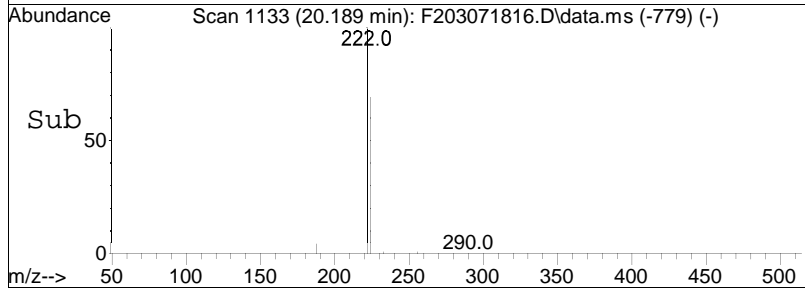
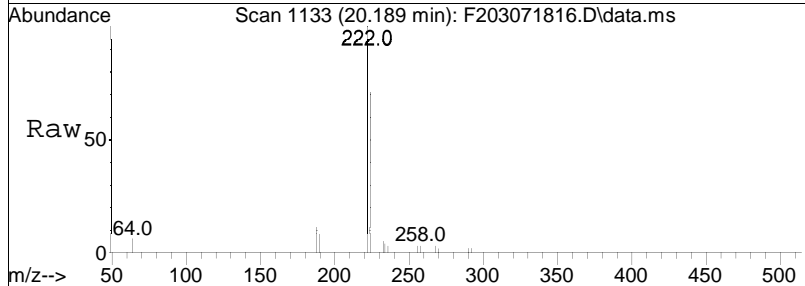
#14
 Dichlorobiphenyls
 Concen: 22.04 ng/mL M5
 RT: 20.180 min Scan# 1132
 Delta R.T. 2.628 min
 Lab File: F203071816.D
 Acq: 8 Mar 2018 4:39 am

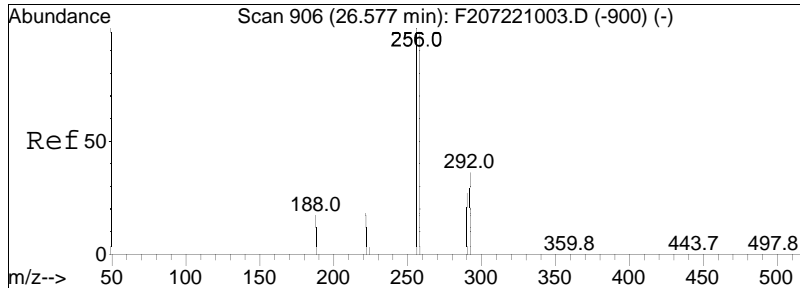
Tgt Ion: 222 Resp: 32617
 Ion Ratio Lower Upper
 222 100
 224 6.1 52.1 78.1#





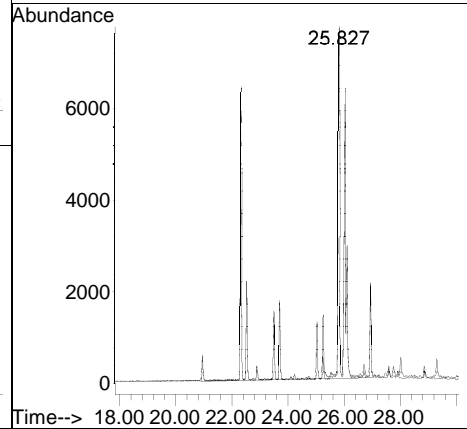
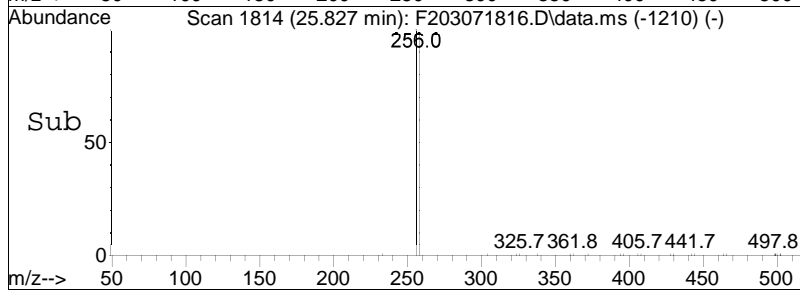
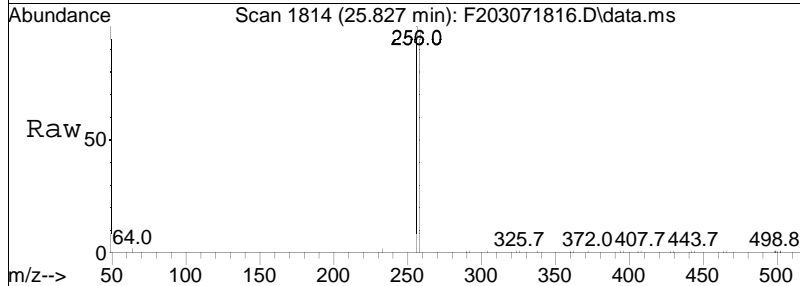
#15
 Cl2-Conf Ion
 Concen: 17.44 ng/mL M5
 RT: 20.189 min Scan# 1133
 Delta R.T. 2.637 min
 Lab File: F203071816.D
 Acq: 8 Mar 2018 4:39 am
 Tgt Ion: 224 Resp: 25809

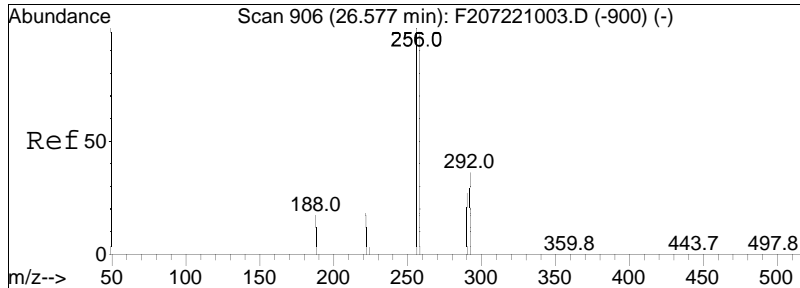




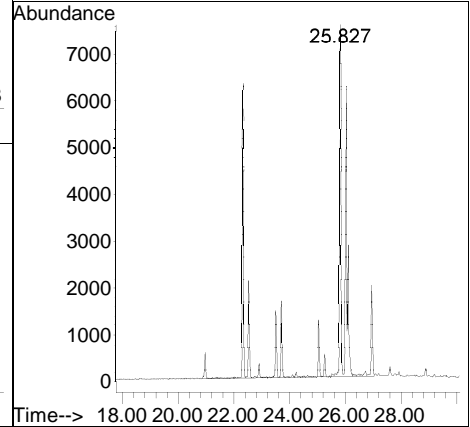
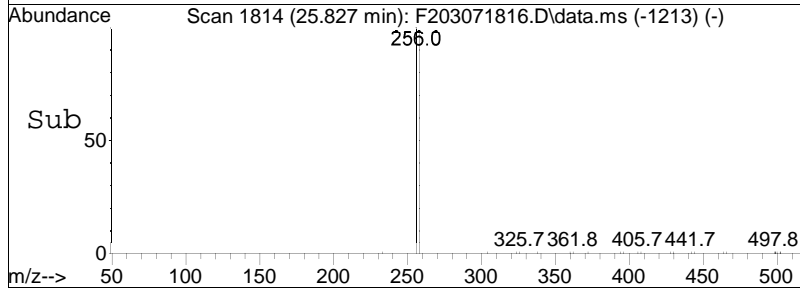
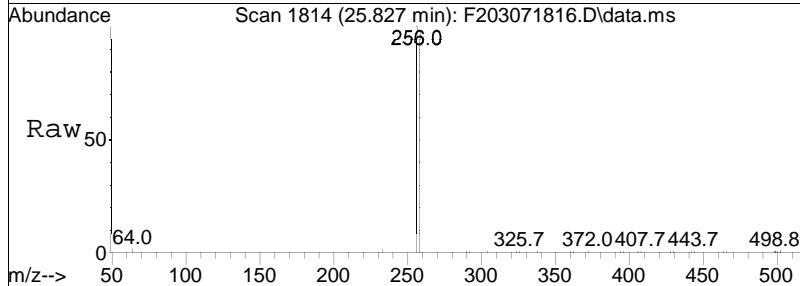
#33
 Trichlorobiphenyls
 Concen: 83.90 ng/mL M5
 RT: 25.827 min Scan# 1814
 Delta R.T. -0.383 min
 Lab File: F203071816.D
 Acq: 8 Mar 2018 4:39 am

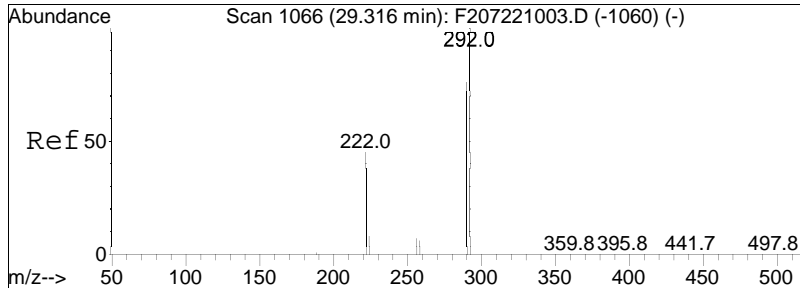
Tgt Ion: 256 Resp: 89816
 Ion Ratio Lower Upper
 256 100
 258 9.6 76.8 115.2#





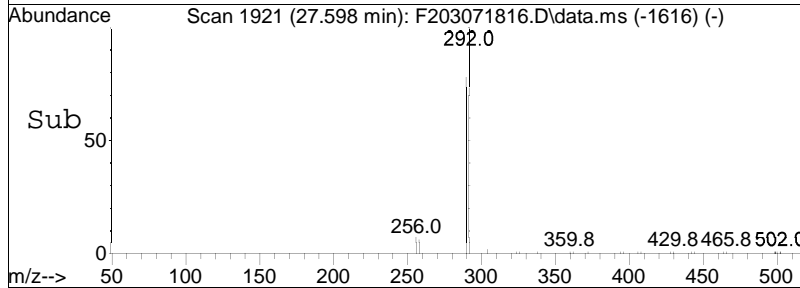
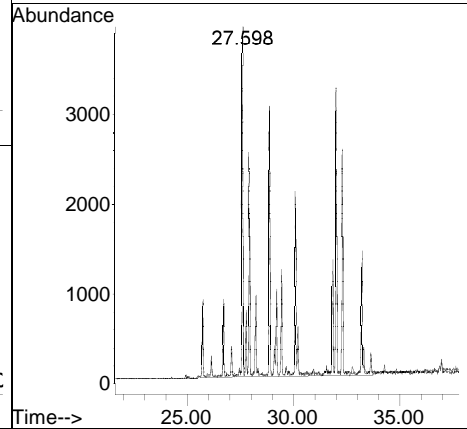
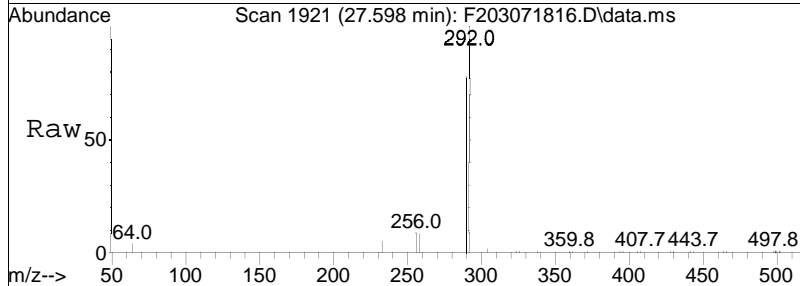
#34
 Cl3- Conf Ion
 Concen: 76.47 ng/mL M5
 RT: 25.827 min Scan# 1814
 Delta R.T. -0.383 min
 Lab File: F203071816.D
 Acq: 8 Mar 2018 4:39 am
 Tgt Ion: 258 Resp: 81861

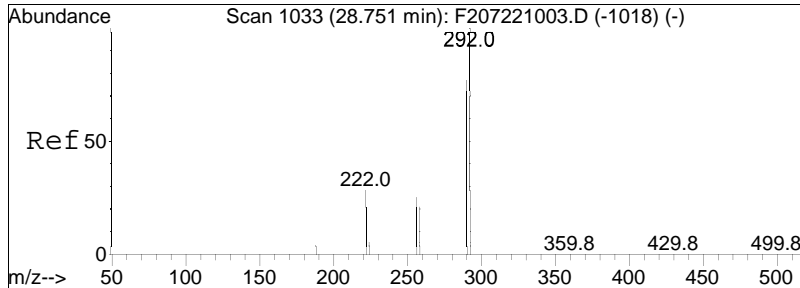




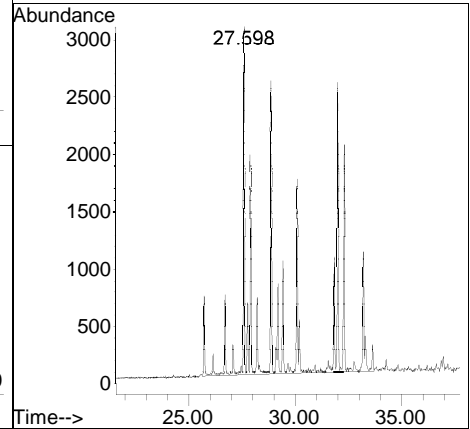
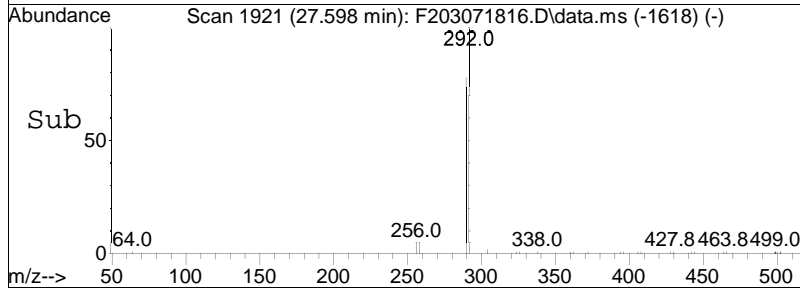
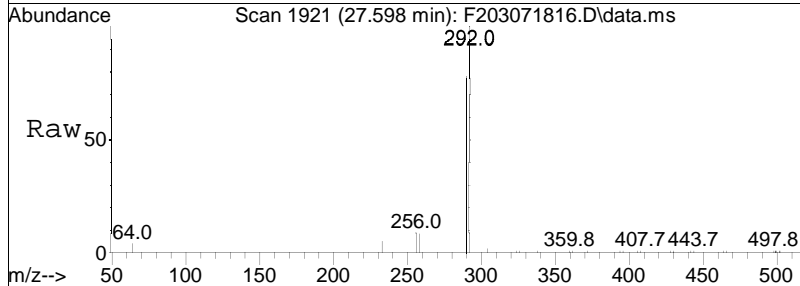
#36
 Tetrachlorobiphenyls
 Concen: 120.54 ng/mL M5
 RT: 27.598 min Scan# 1921
 Delta R.T. -0.774 min
 Lab File: F203071816.D
 Acq: 8 Mar 2018 4:39 am

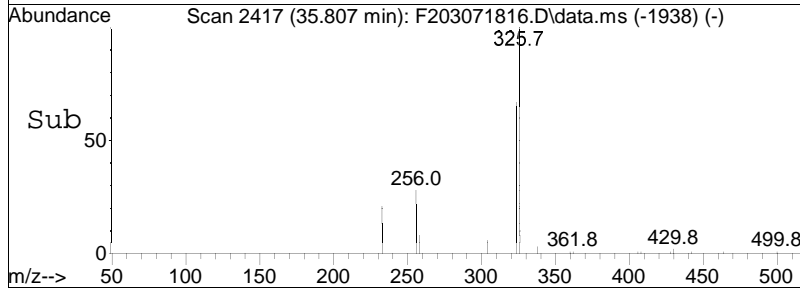
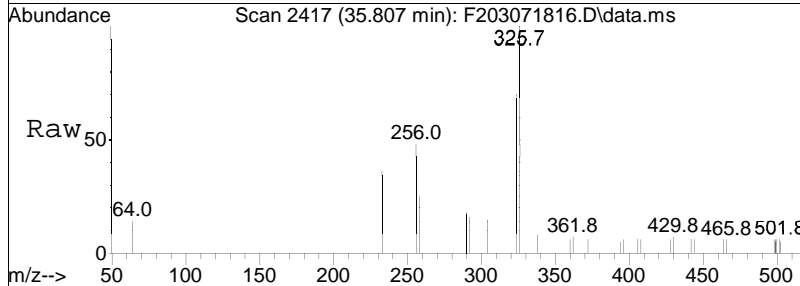
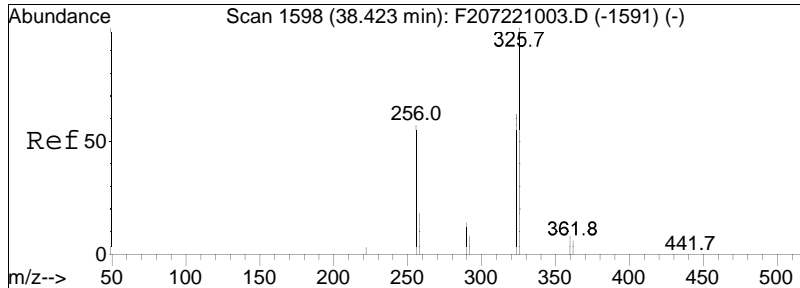
Tgt Ion:	292	Resp:	99558
Ion Ratio	100	Lower	Upper
290	2.2	61.0	91.4#





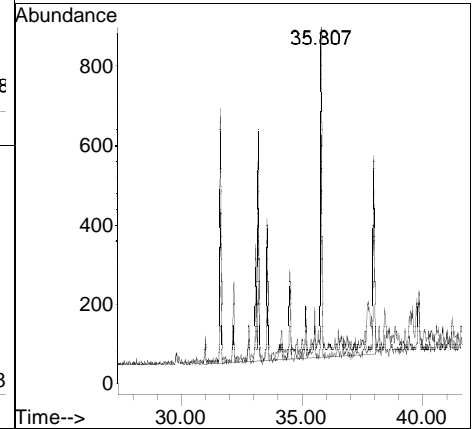
#37
 Cl4-Conf Ion
 Concen: 97.90 ng/mL M5
 RT: 27.598 min Scan# 1921
 Delta R.T. -0.757 min
 Lab File: F203071816.D
 Acq: 8 Mar 2018 4:39 am
 Tgt Ion: 290 Resp: 80858

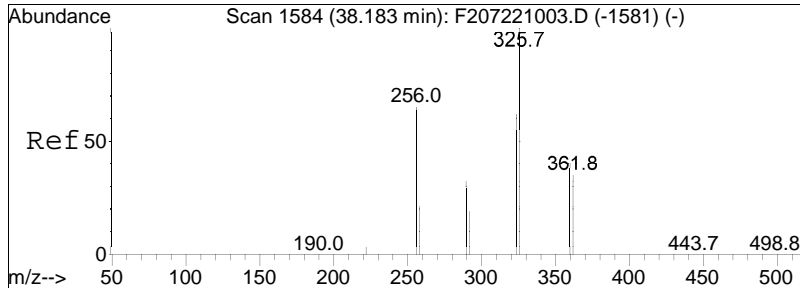




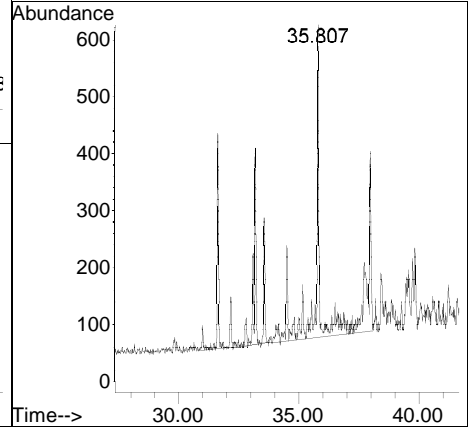
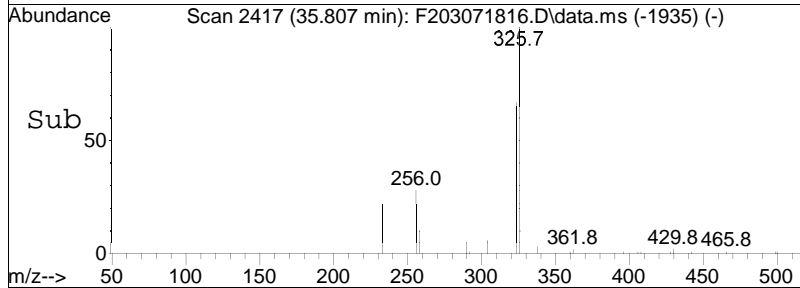
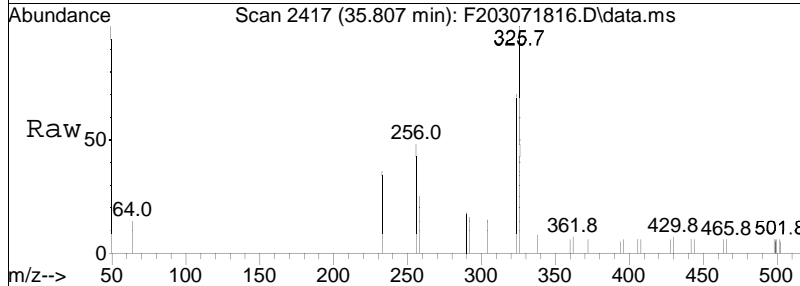
#106
 Pentachlorobiphenyls
 Concen: 15.34 ng/mL M5
 RT: 35.807 min Scan# 2417
 Delta R.T. 1.543 min
 Lab File: F203071816.D
 Acq: 8 Mar 2018 4:39 am

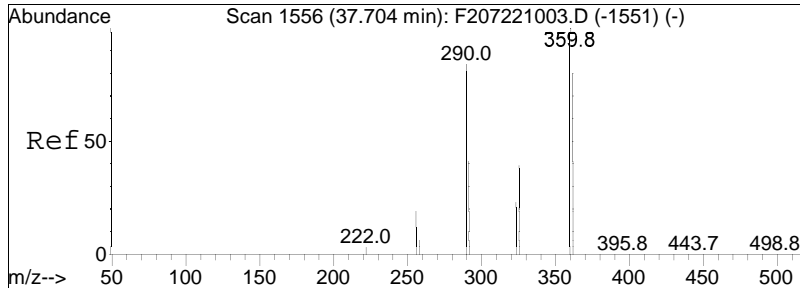
Tgt Ion: 326 Resp: 15670
 Ion Ratio Lower Upper
 326 100
 324 4.1 48.7 73.1#





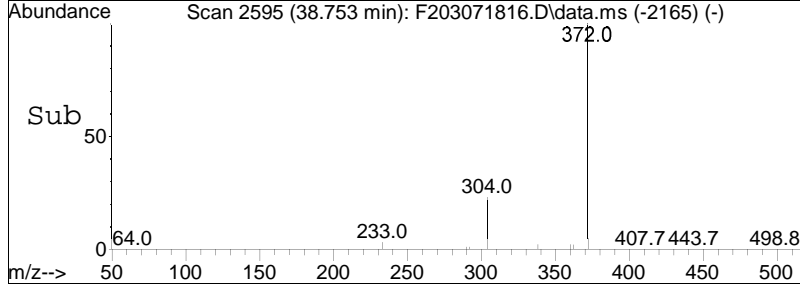
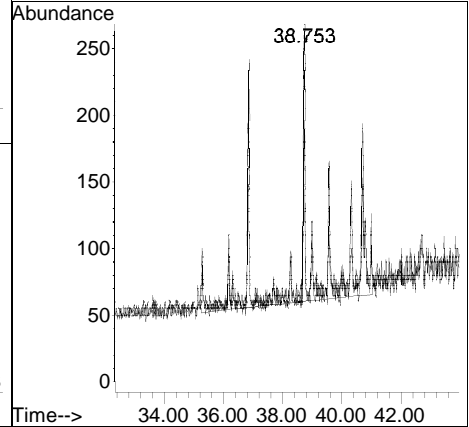
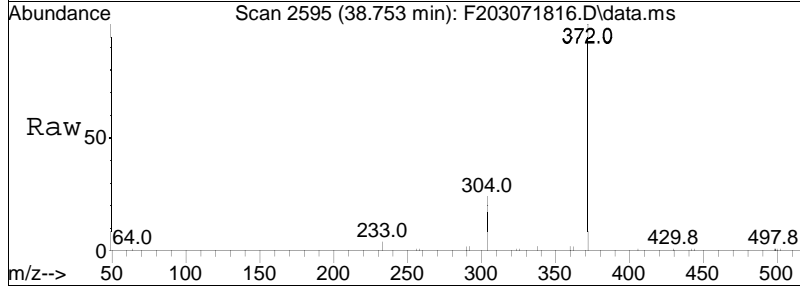
#107
 Cl5-Conf Ion
 Concen: 13.79 ng/mL M5
 RT: 35.807 min Scan# 2417
 Delta R.T. -1.841 min
 Lab File: F203071816.D
 Acq: 8 Mar 2018 4:39 am
 Tgt Ion:324 Resp: 14085

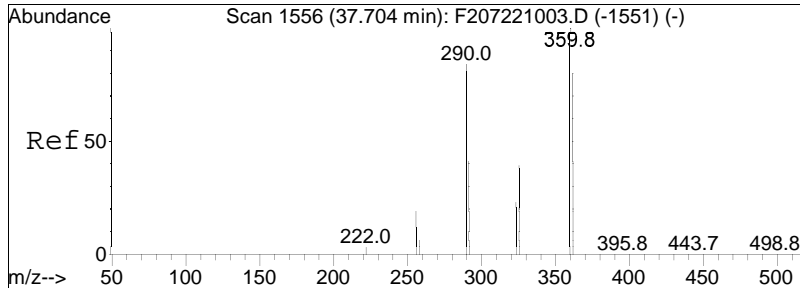




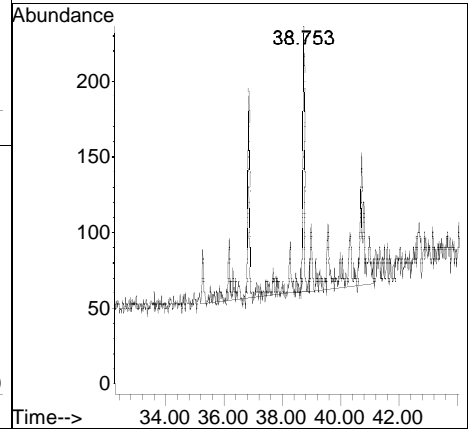
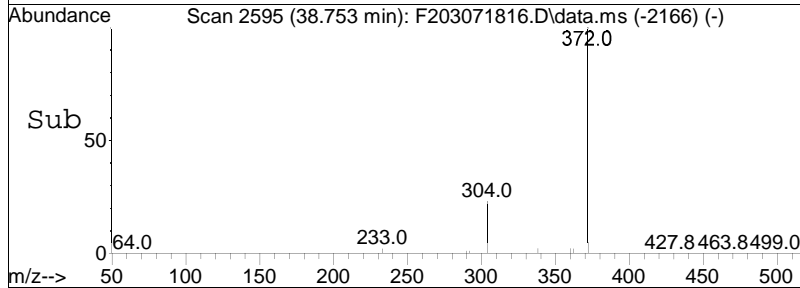
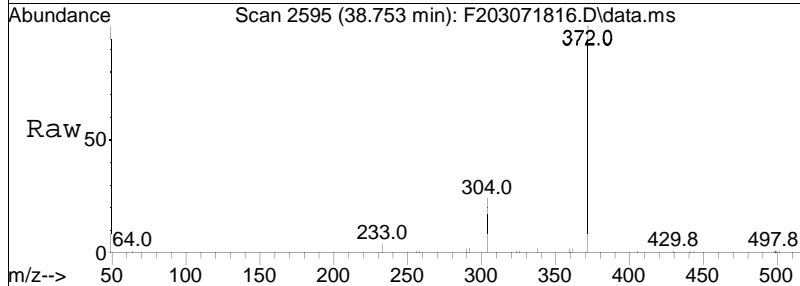
#112
 Hexachlorobiphenyls
 Concen: 5.38 ng/mL M5
 RT: 38.753 min Scan# 2595
 Delta R.T. 1.633 min
 Lab File: F203071816.D
 Acq: 8 Mar 2018 4:39 am

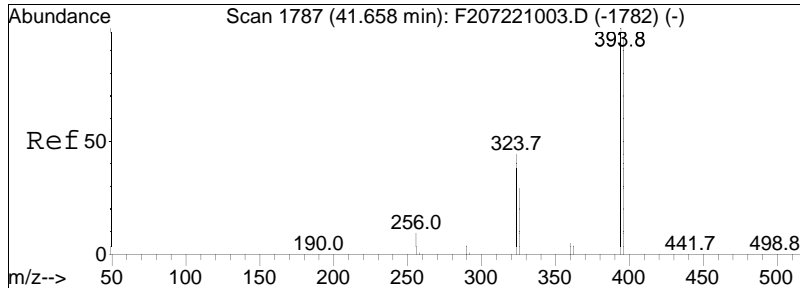
Tgt Ion: 360 Resp: 5278
 Ion Ratio Lower Upper
 360 100
 362 0.5 63.7 95.5#





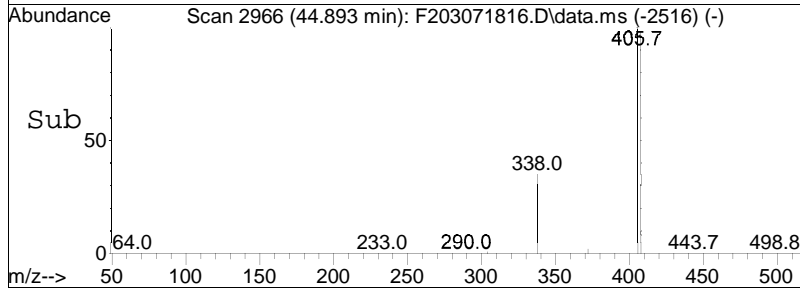
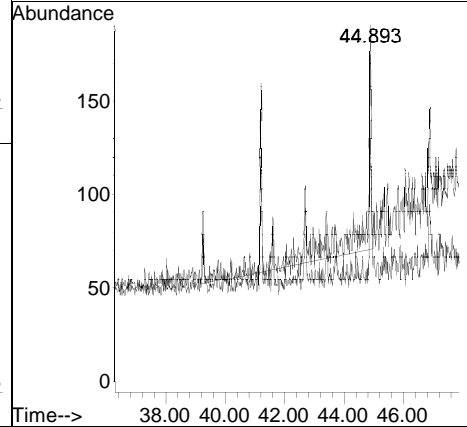
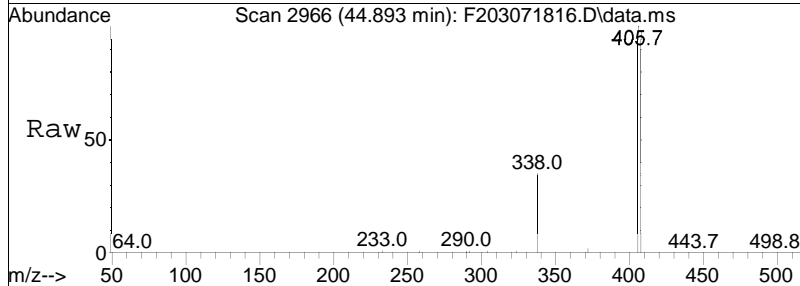
#113
 Cl6-Conf Ion
 Concen: 3.99 ng/mL M5
 RT: 38.753 min Scan# 2595
 Delta R.T. 1.633 min
 Lab File: F203071816.D
 Acq: 8 Mar 2018 4:39 am
 Tgt Ion: 362 Resp: 3920

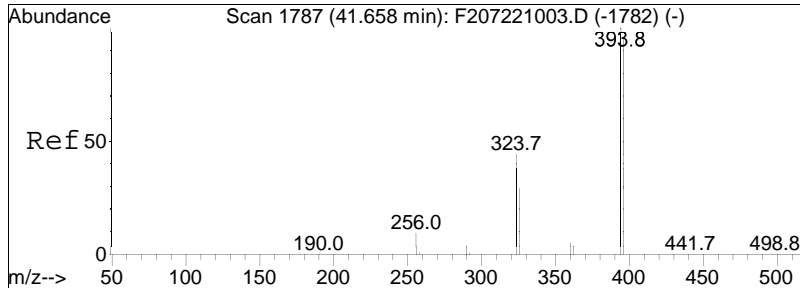




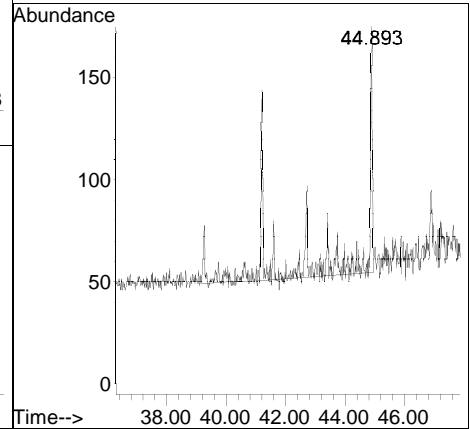
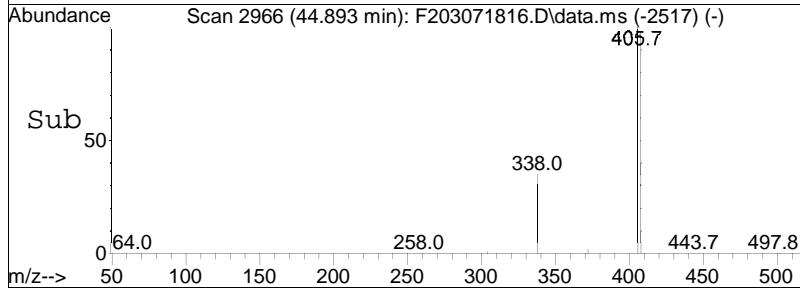
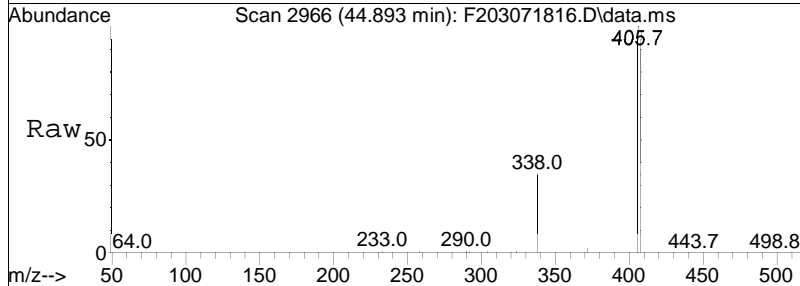
#135
 Heptachlorobiphenyls
 Concen: 2.62 ng/mL M5
 RT: 44.893 min Scan# 2966
 Delta R.T. 3.794 min
 Lab File: F203071816.D
 Acq: 8 Mar 2018 4:39 am

Tgt Ion: 394 Resp: 2628
 Ion Ratio Lower Upper
 394 100
 396 12.3 78.6 118.0#





#136
 Cl7-Conf Ion
 Concen: 1.96 ng/mL M5
 RT: 44.893 min Scan# 2966
 Delta R.T. 3.794 min
 Lab File: F203071816.D
 Acq: 8 Mar 2018 4:39 am
 Tgt Ion: 396 Resp: 1965



Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071817.D
 Acq On : 8 Mar 2018 5:53 am
 Operator : BNA2:MJS
 Sample : L1806872-05,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 09 13:06:25 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Homologs - Homologs Only

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.863	234	380007	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.876	406	200766	200.000	ng/mL	0.00	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.944	268	51683	77.343	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	77.34%			
93) C15-BZ#101-C13 (surr)	33.192	338	79035	80.919	ng/mL	0.02	
Spiked Amount	100.000	Range 50 - 125	Recovery =	80.92%			
151) C16-BZ#153-C13 (surr)	38.719	372	80346	87.071	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	87.07%			
177) C18-BZ#202-C13 (surr)	42.923	442	73820	78.073	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	78.07%			
Target Compounds							
4) Monochlorobiphenyls	0.000		0		N.D.	d	Qvalue
5) C11- Conf Ion	0.000		0		N.D.	d	
14) Dichlorobiphenyls	20.188	222	35198M5	23.342	ng/mL		
15) C12-Conf Ion	20.180	224	24475M5	16.231	ng/mL		
33) Trichlorobiphenyls	25.826	256	101258M5	92.834	ng/mL		
34) C13- Conf Ion	25.826	258	87987M5	80.667	ng/mL		
36) Tetrachlorobiphenyls	27.614	292	68352M5	81.224	ng/mL		
37) C14-Conf Ion	27.597	290	55893M5	66.419	ng/mL		
106) Pentachlorobiphenyls	31.636	326	7535M5	7.241	ng/mL		
107) C15-Conf Ion	31.636	324	5338M5	5.130	ng/mL		
112) Hexachlorobiphenyls	39.580	360	1497M5	1.496	ng/mL		
113) C16-Conf Ion	38.769	362	831M5	0.831	ng/mL		
135) Heptachlorobiphenyls	0.000		0		N.D.	d	
136) C17-Conf Ion	0.000		0		N.D.	d	
181) Octachlorobiphenyls	0.000		0		N.D.	d	
182) C18-Conf Ion	0.000		0		N.D.	d	
208) Nonachlorobiphenyls	0.000		0		N.D.	d	
209) C19-Conf Ion	0.000		0		N.D.	d	
211) Decachlorobiphenyl	0.000		0		N.D.	d	
212) C110-Conf Ion	0.000		0		N.D.	d	

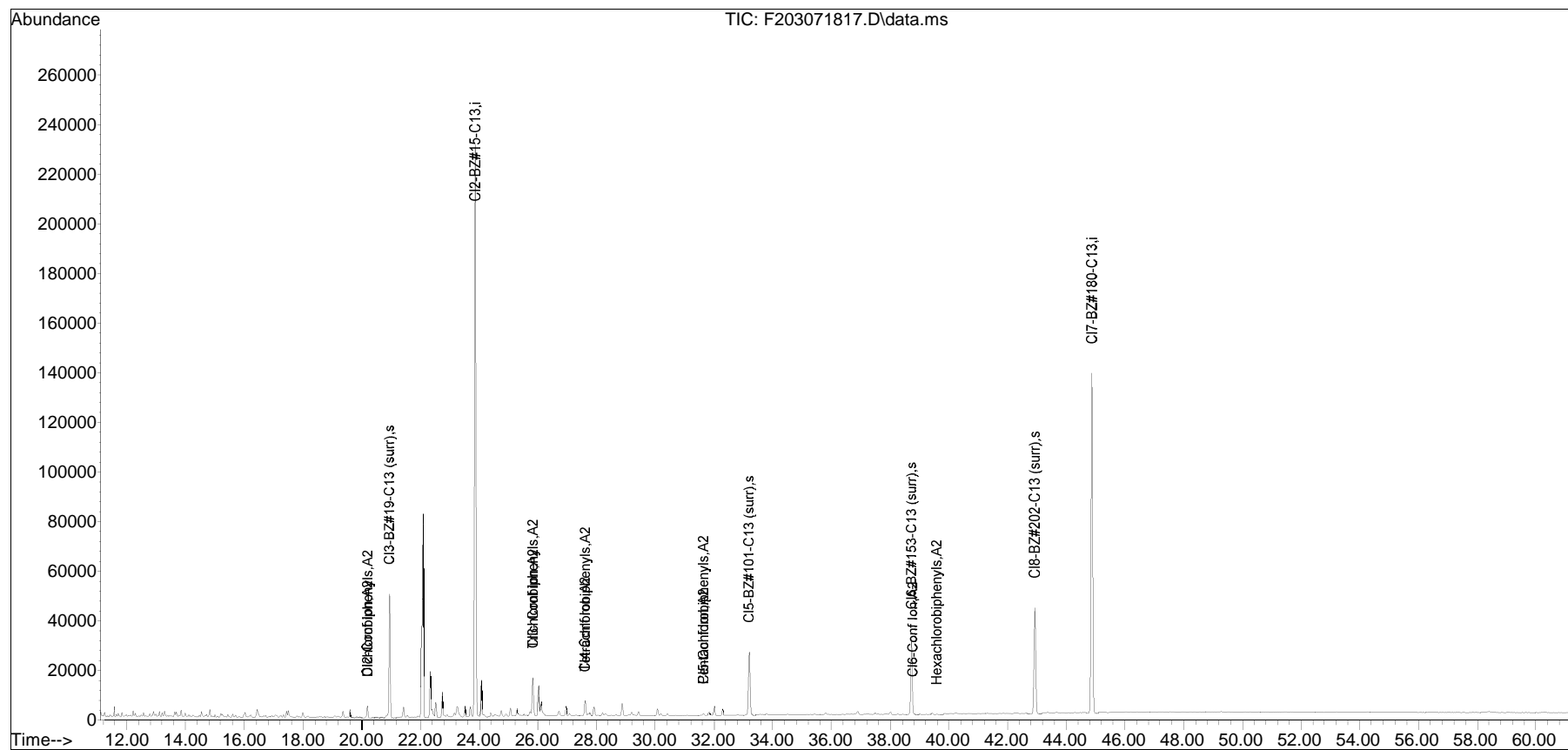
(#) = qualifier out of range (m) = manual integration (+) = signals summed

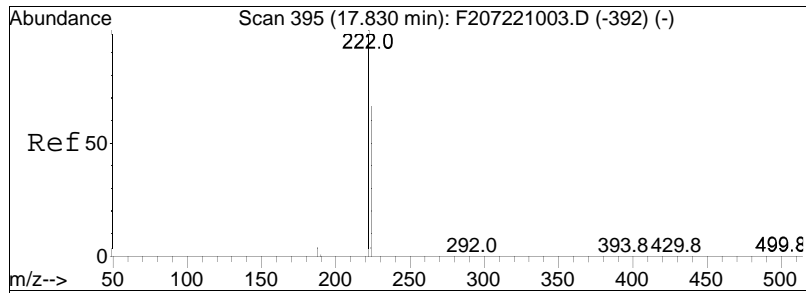
Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
Data File : F203071817.D
Acq On : 8 Mar 2018 5:53 am
Operator : BNA2:MJS
Sample : L1806872-05,HN
Misc : WG1095518,WG1094741,ICAL14481
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 09 13:06:25 2018
Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
Quant Title : Method 680 PCB's by GC/MS
QLast Update : Thu Mar 08 11:02:39 2018
Response via : Initial Calibration

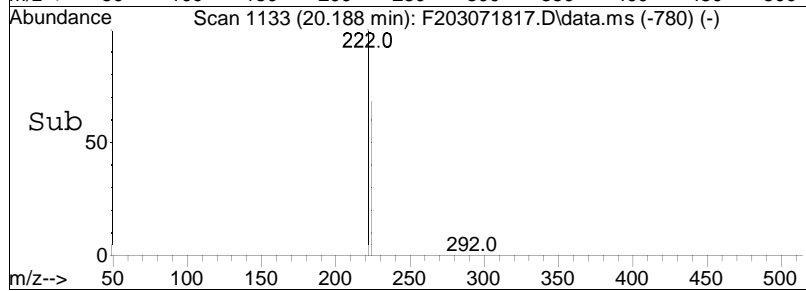
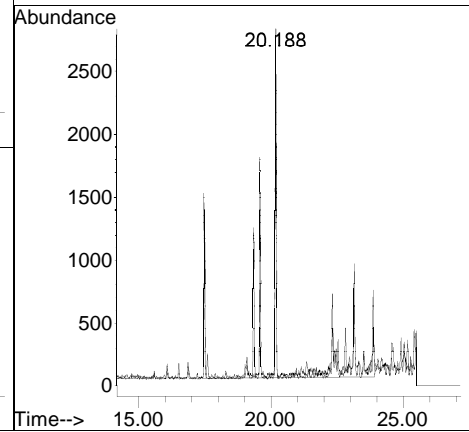
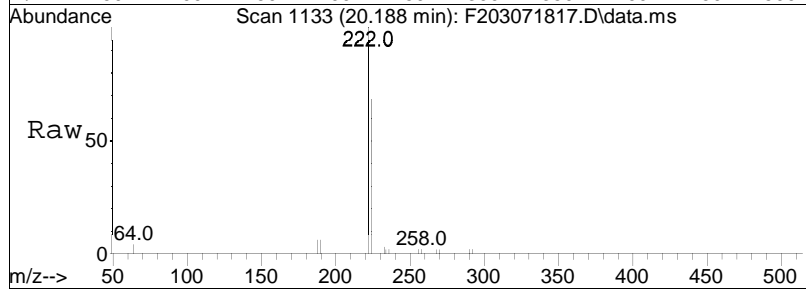
Sub List : Homologs - Homologs Only

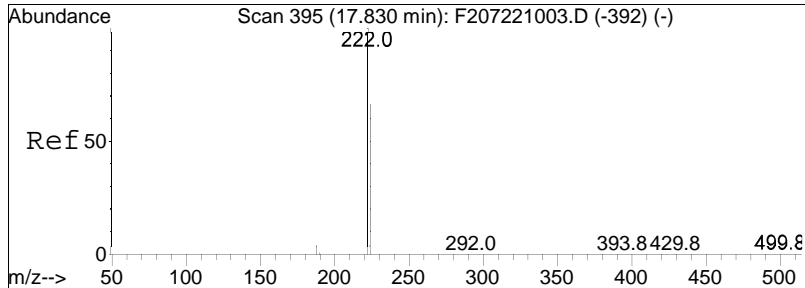




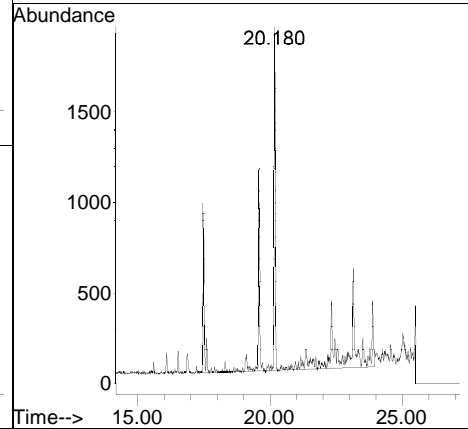
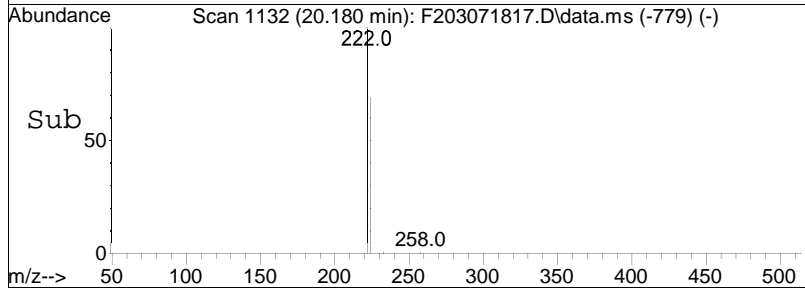
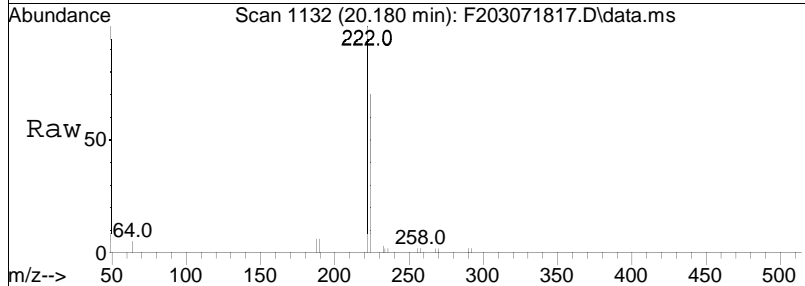
#14
 Dichlorobiphenyls
 Concen: 23.34 ng/mL M5
 RT: 20.188 min Scan# 1133
 Delta R.T. 2.636 min
 Lab File: F203071817.D
 Acq: 8 Mar 2018 5:53 am

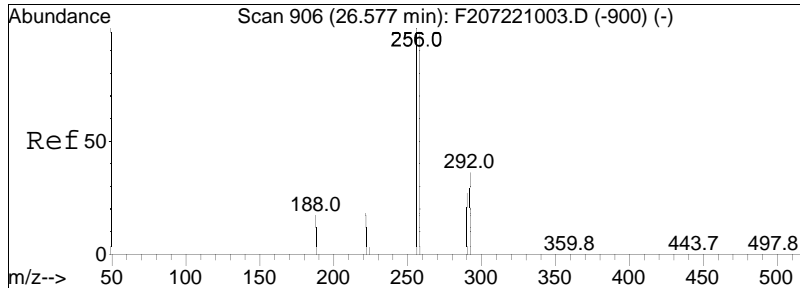
Tgt Ion: 222 Resp: 35198
 Ion Ratio Lower Upper
 222 100
 224 6.6 52.1 78.1#





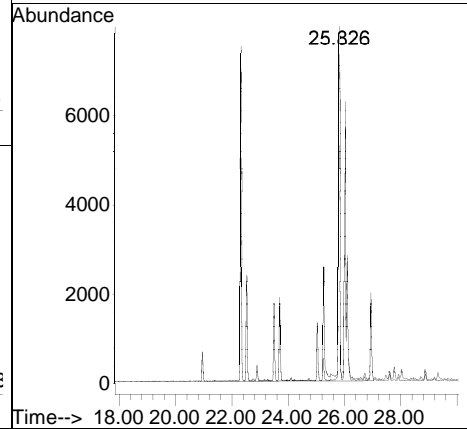
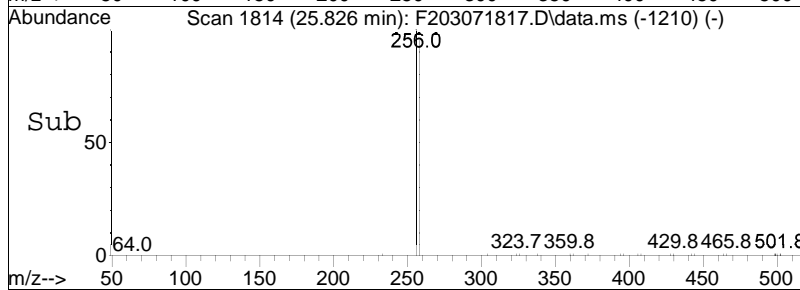
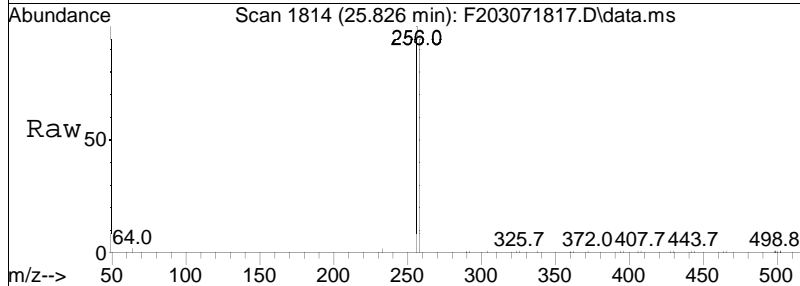
#15
 Cl2-Conf Ion
 Concen: 16.23 ng/mL M5
 RT: 20.180 min Scan# 1132
 Delta R.T. 2.628 min
 Lab File: F203071817.D
 Acq: 8 Mar 2018 5:53 am
 Tgt Ion: 224 Resp: 24475

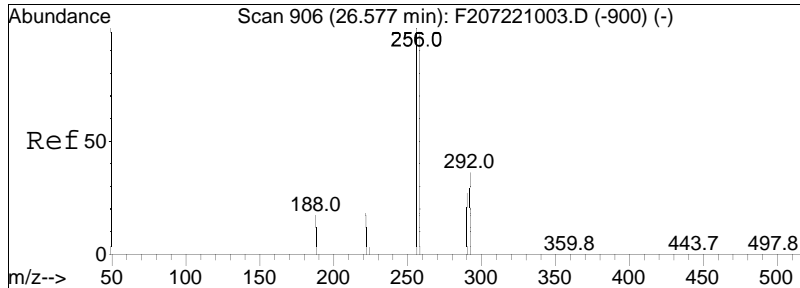




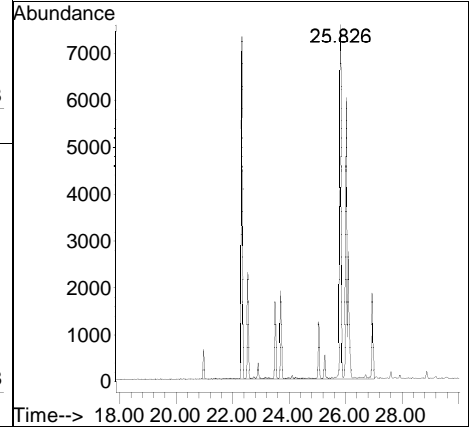
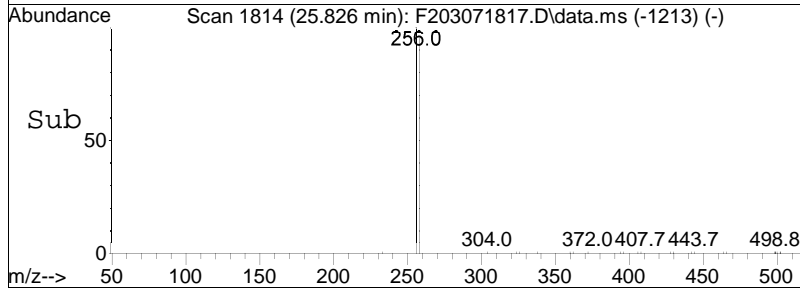
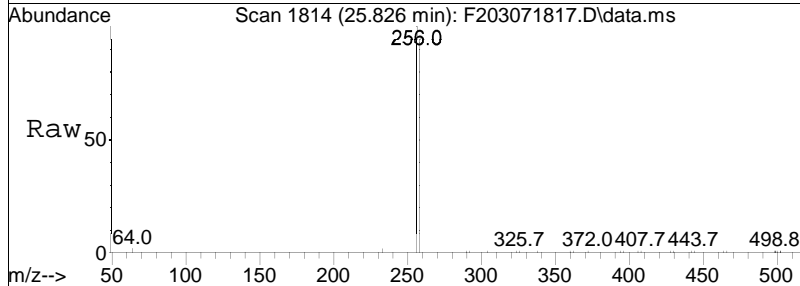
#33
 Trichlorobiphenyls
 Concen: 92.83 ng/mL M5
 RT: 25.826 min Scan# 1814
 Delta R.T. -0.384 min
 Lab File: F203071817.D
 Acq: 8 Mar 2018 5:53 am

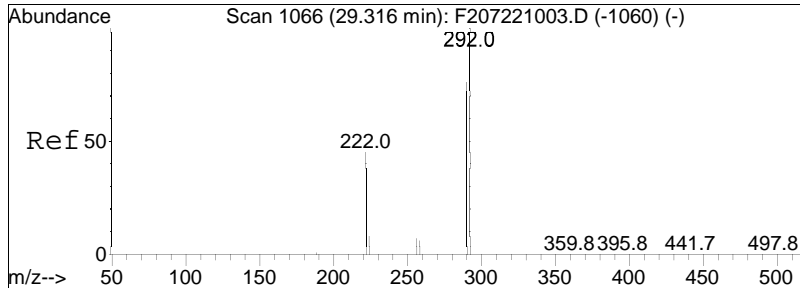
Tgt Ion: 256 Resp: 101258
 Ion Ratio Lower Upper
 256 100
 258 8.2 76.8 115.2#





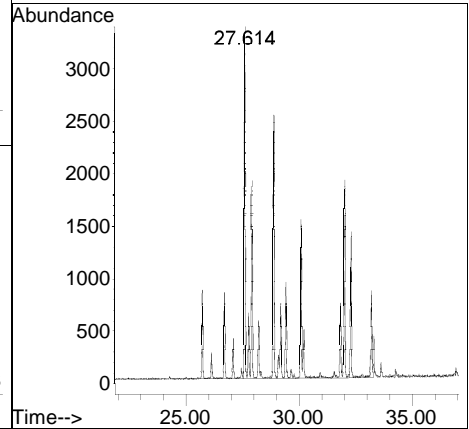
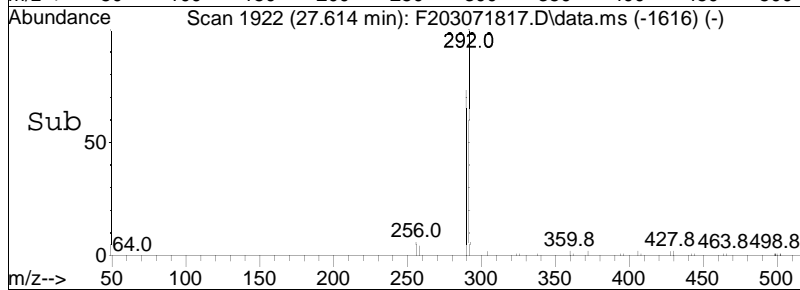
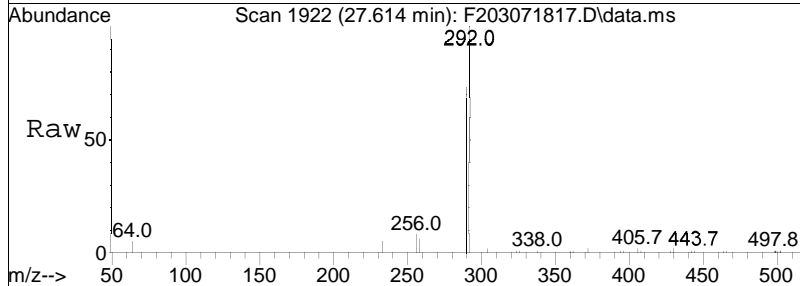
#34
 Cl3- Conf Ion
 Concen: 80.67 ng/mL M5
 RT: 25.826 min Scan# 1814
 Delta R.T. -0.384 min
 Lab File: F203071817.D
 Acq: 8 Mar 2018 5:53 am
 Tgt Ion: 258 Resp: 87987

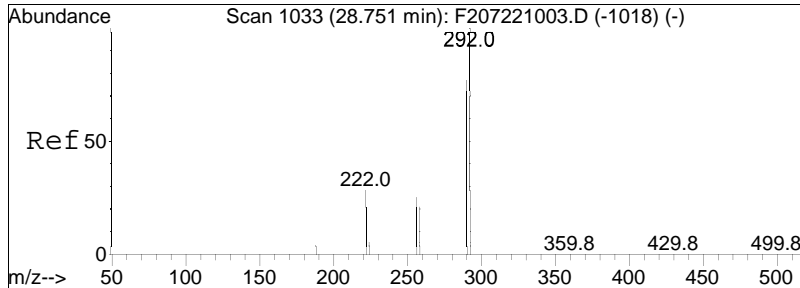




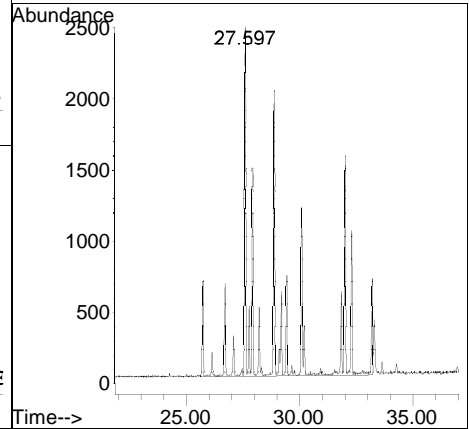
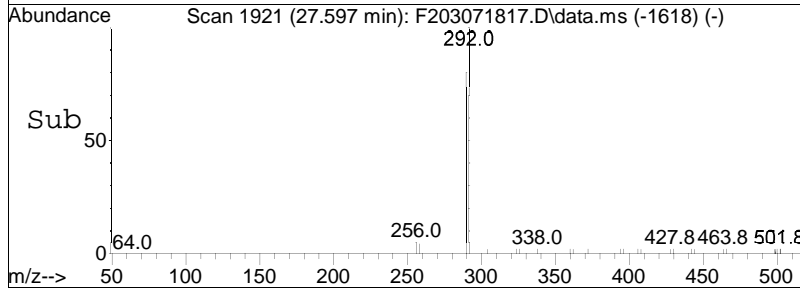
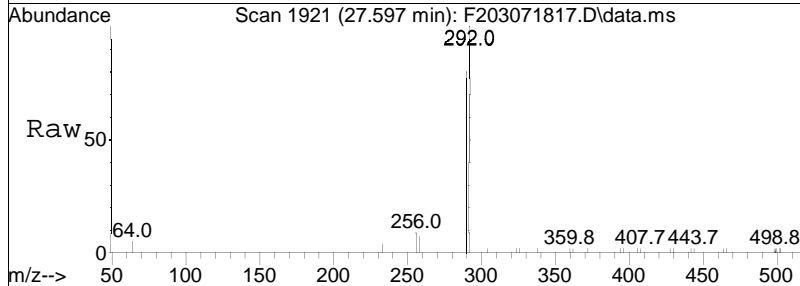
#36
 Tetrachlorobiphenyls
 Concen: 81.22 ng/mL M5
 RT: 27.614 min Scan# 1922
 Delta R.T. -0.758 min
 Lab File: F203071817.D
 Acq: 8 Mar 2018 5:53 am

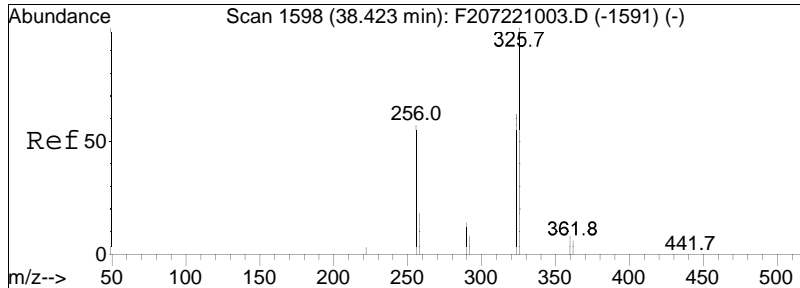
Tgt Ion	Resp	Lower	Upper
292	100		
290	2.5	61.0	91.4#





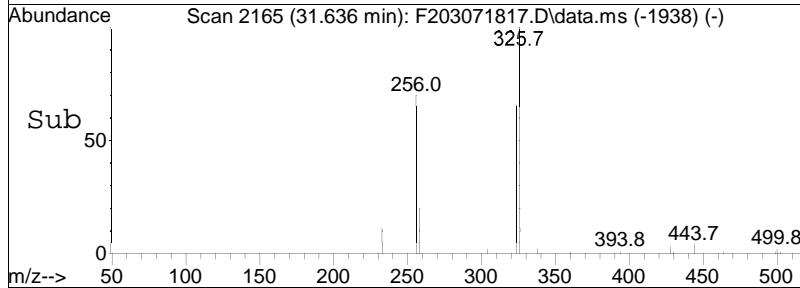
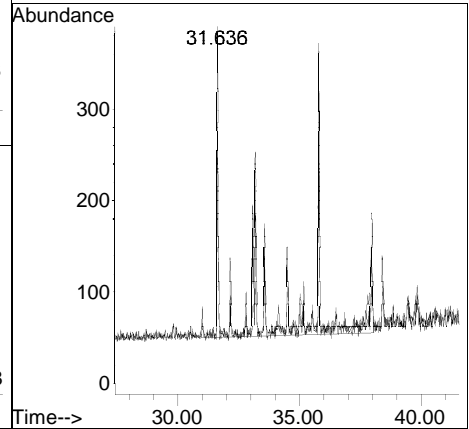
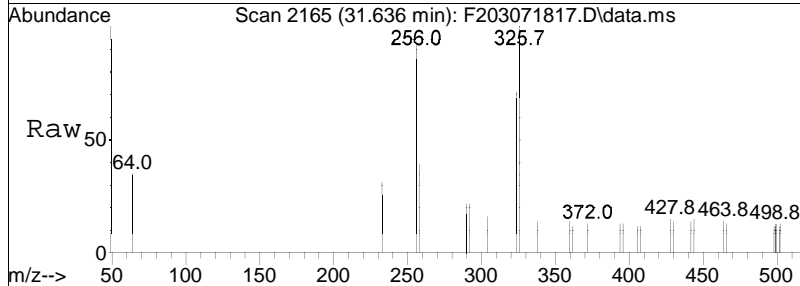
#37
 Cl4-Conf Ion
 Concen: 66.42 ng/mL M5
 RT: 27.597 min Scan# 1921
 Delta R.T. -0.758 min
 Lab File: F203071817.D
 Acq: 8 Mar 2018 5:53 am
 Tgt Ion: 290 Resp: 55893

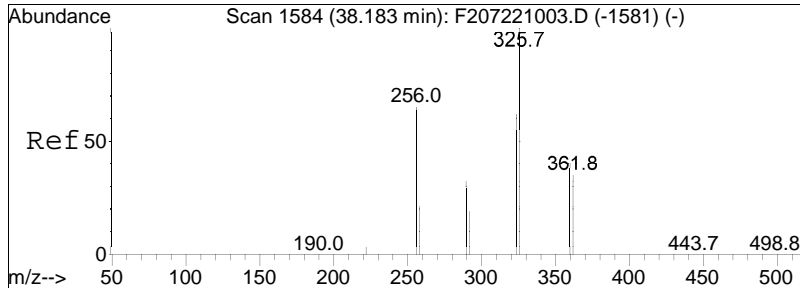




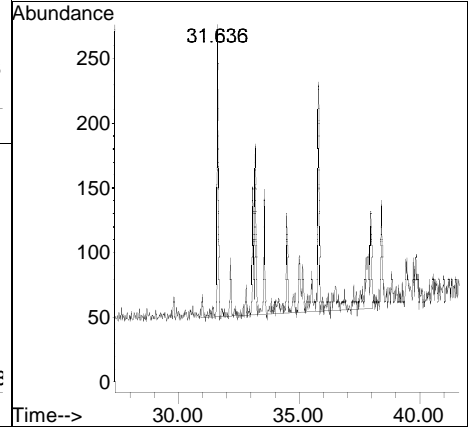
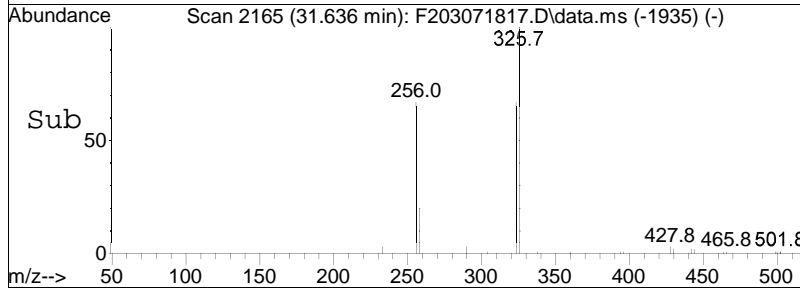
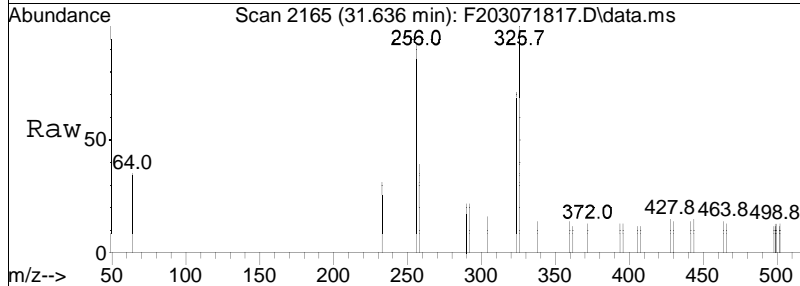
#106
 Pentachlorobiphenyls
 Concen: 7.24 ng/mL M5
 RT: 31.636 min Scan# 2165
 Delta R.T. -2.628 min
 Lab File: F203071817.D
 Acq: 8 Mar 2018 5:53 am

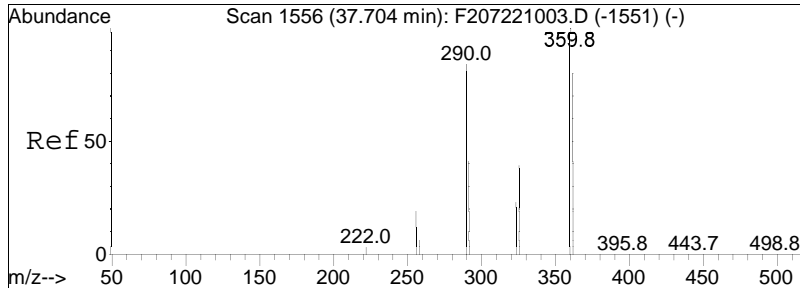
Tgt Ion: 326 Resp: 7535
 Ion Ratio Lower Upper
 326 100
 324 3.5 48.7 73.1#





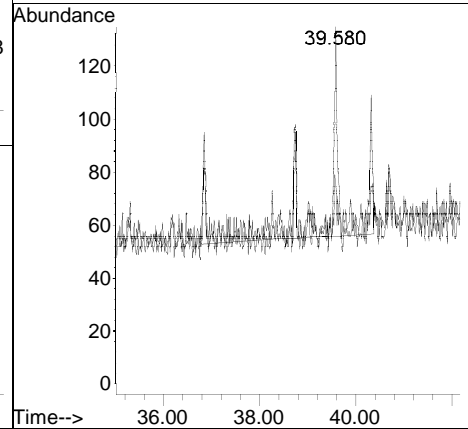
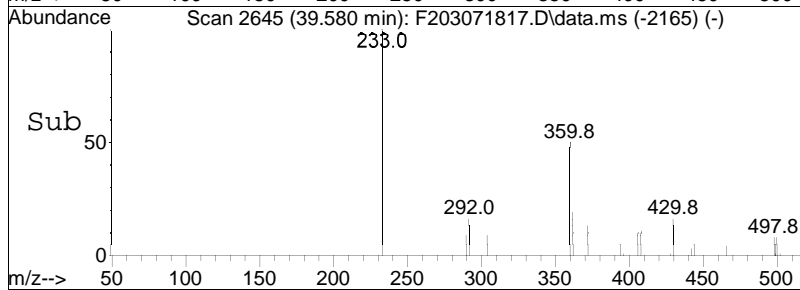
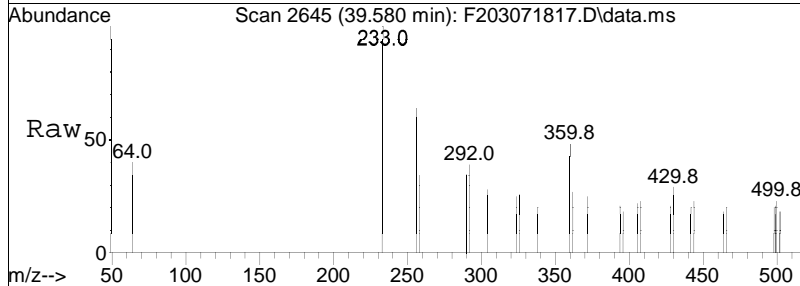
#107
 Cl5-Conf Ion
 Concen: 5.13 ng/mL M5
 RT: 31.636 min Scan# 2165
 Delta R.T. -6.012 min
 Lab File: F203071817.D
 Acq: 8 Mar 2018 5:53 am
 Tgt Ion:324 Resp: 5338

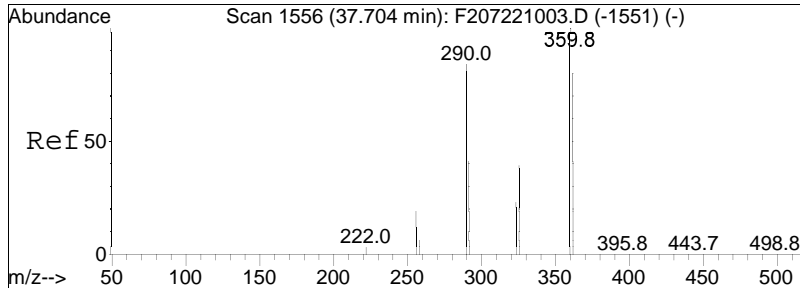




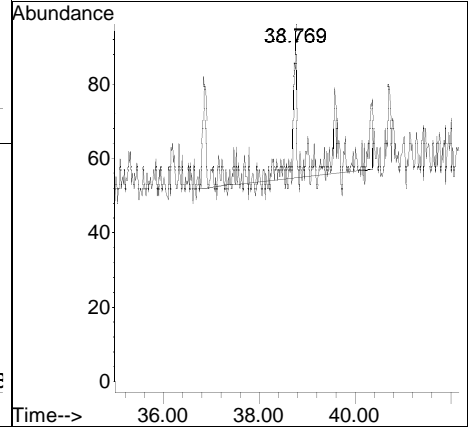
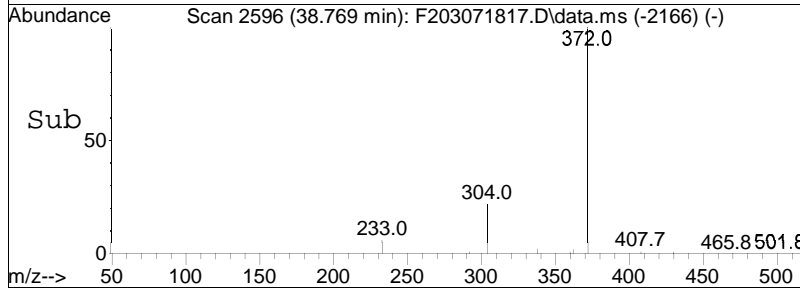
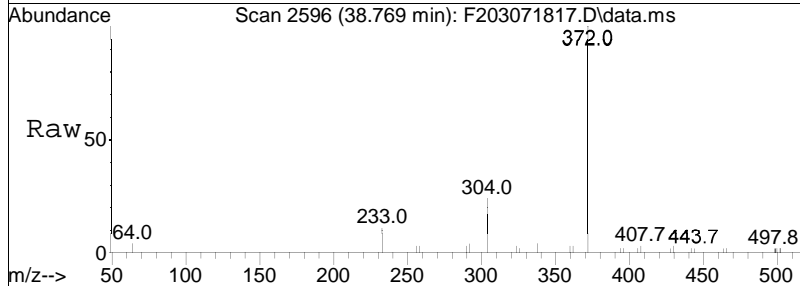
#112
 Hexachlorobiphenyls
 Concen: 1.50 ng/mL M5
 RT: 39.580 min Scan# 2645
 Delta R.T. 2.460 min
 Lab File: F203071817.D
 Acq: 8 Mar 2018 5:53 am

Tgt Ion: 360 Resp: 1497
 Ion Ratio Lower Upper
 360 100
 362 9.0 63.7 95.5#





#113
 Cl6-Conf Ion
 Concen: 0.83 ng/mL M5
 RT: 38.769 min Scan# 2596
 Delta R.T. 1.649 min
 Lab File: F203071817.D
 Acq: 8 Mar 2018 5:53 am
 Tgt Ion:362 Resp: 831



Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071818.D
 Acq On : 8 Mar 2018 7:07 am
 Operator : BNA2:MJS
 Sample : L1806872-06,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 09 13:09:06 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Homologs - Homologs Only

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.864	234	313478	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.876	406	169876	200.000	ng/mL	0.00	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.944	268	44433	80.605	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	80.61%			
93) C15-BZ#101-C13 (surr)	33.192	338	69047	85.696	ng/mL	0.02	
Spiked Amount	100.000	Range 50 - 125	Recovery =	85.70%			
151) C16-BZ#153-C13 (surr)	38.720	372	70122	89.809	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	89.81%			
177) C18-BZ#202-C13 (surr)	42.923	442	63988	79.981	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	79.98%			
Target Compounds							
4) Monochlorobiphenyls	0.000		0		N.D.	d	Qvalue
5) C11- Conf Ion	0.000		0		N.D.	d	
14) Dichlorobiphenyls	20.180	222	30950M5	24.881	ng/mL		
15) C12-Conf Ion	20.180	224	21658M5	17.411	ng/mL		
33) Trichlorobiphenyls	25.827	256	75818M5	84.263	ng/mL		
34) C13- Conf Ion	25.827	258	71408M5	79.362	ng/mL		
36) Tetrachlorobiphenyls	27.614	292	54626M5	78.689	ng/mL		
37) C14-Conf Ion	27.597	290	44879M5	64.649	ng/mL		
106) Pentachlorobiphenyls	31.636	326	6390M5	7.444	ng/mL		
107) C15-Conf Ion	35.807	324	4788M5	5.578	ng/mL		
112) Hexachlorobiphenyls	38.736	360	1068M5	1.294	ng/mL		
113) C16-Conf Ion	38.736	362	1028M5	1.246	ng/mL		
135) Heptachlorobiphenyls	0.000		0		N.D.	d	
136) C17-Conf Ion	0.000		0		N.D.	d	
181) Octachlorobiphenyls	0.000		0		N.D.	d	
182) C18-Conf Ion	0.000		0		N.D.	d	
208) Nonachlorobiphenyls	0.000		0		N.D.	d	
209) C19-Conf Ion	0.000		0		N.D.	d	
211) Decachlorobiphenyl	0.000		0		N.D.	d	
212) C110-Conf Ion	0.000		0		N.D.	d	

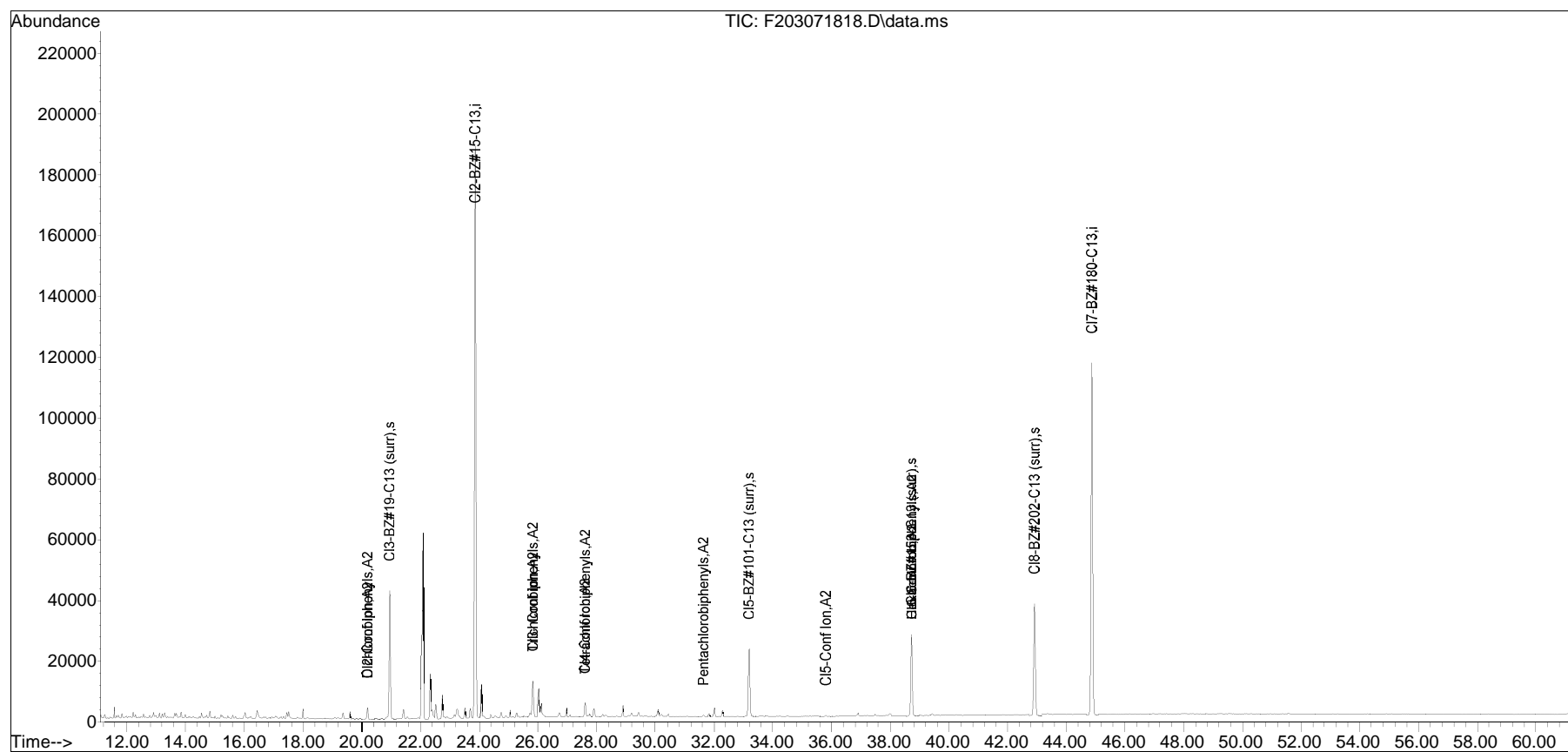
(#) = qualifier out of range (m) = manual integration (+) = signals summed

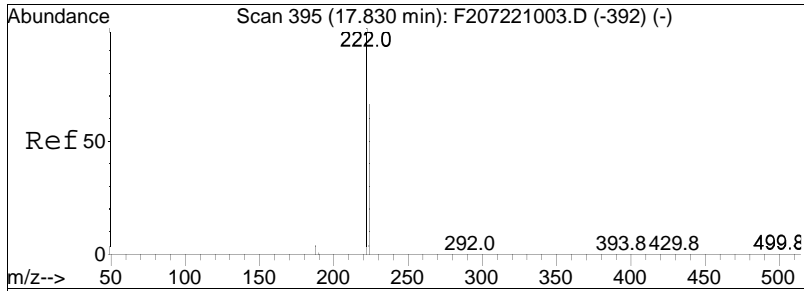
Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
Data File : F203071818.D
Acq On : 8 Mar 2018 7:07 am
Operator : BNA2:MJS
Sample : L1806872-06,HN
Misc : WG1095518,WG1094741,ICAL14481
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 09 13:09:06 2018
Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
Quant Title : Method 680 PCB's by GC/MS
QLast Update : Thu Mar 08 11:02:39 2018
Response via : Initial Calibration

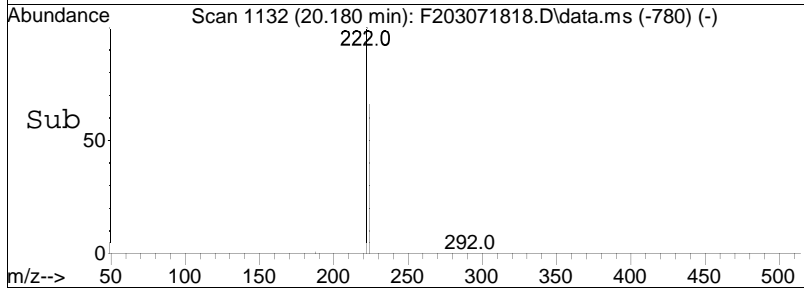
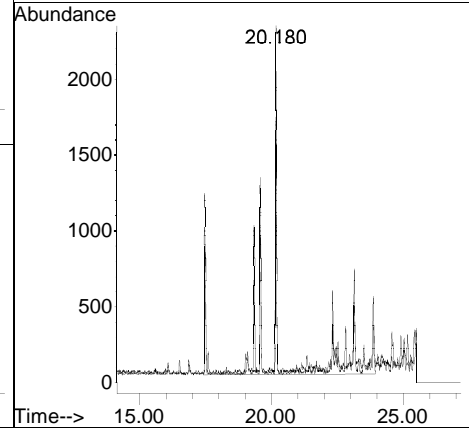
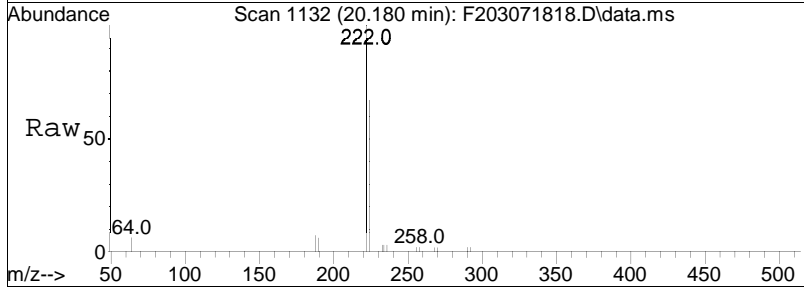
Sub List : Homologs - Homologs Only

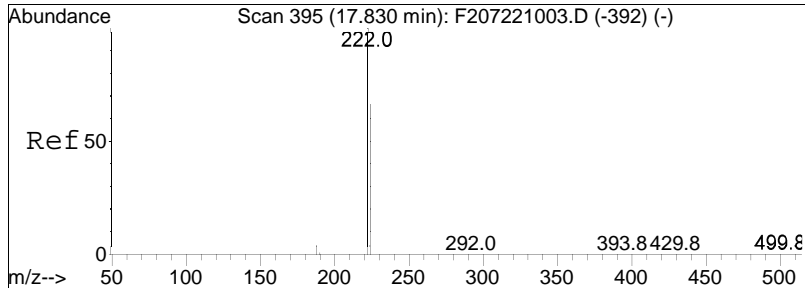




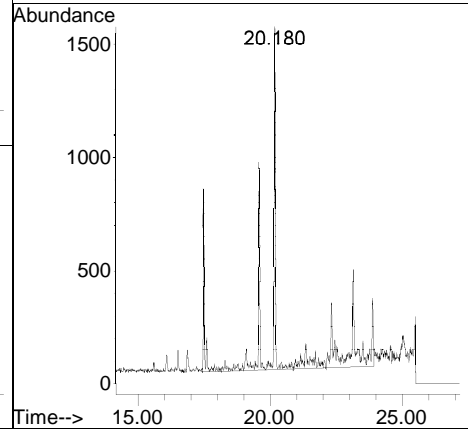
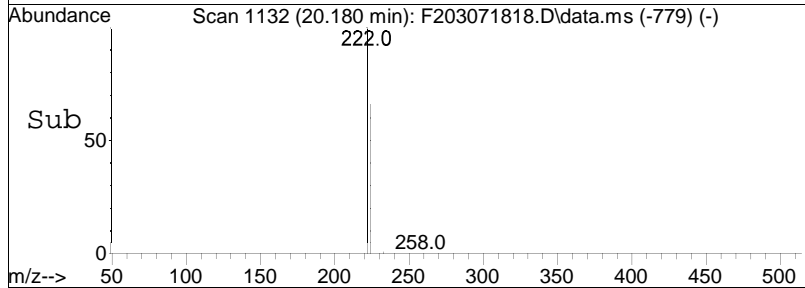
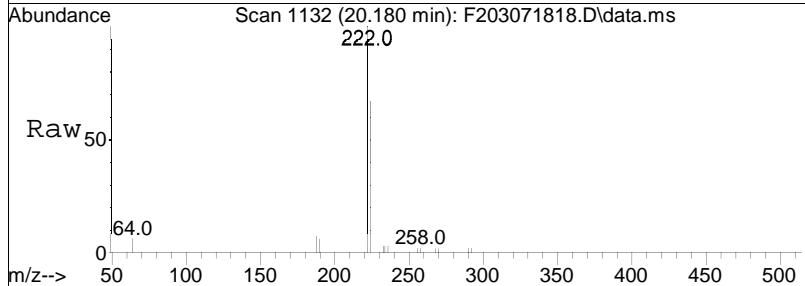
#14
 Dichlorobiphenyls
 Concen: 24.88 ng/mL M5
 RT: 20.180 min Scan# 1132
 Delta R.T. 2.628 min
 Lab File: F203071818.D
 Acq: 8 Mar 2018 7:07 am

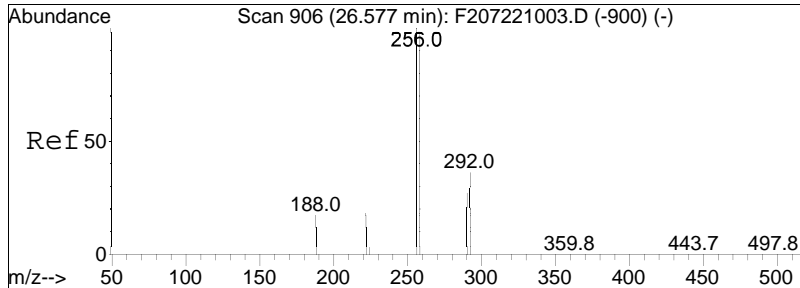
Tgt Ion	Resp	Lower	Upper
222	100		
224	0.0	52.1	78.1#





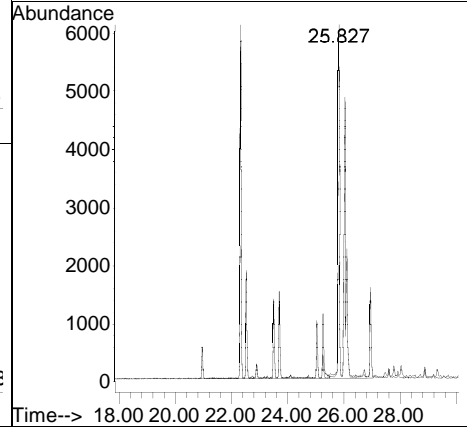
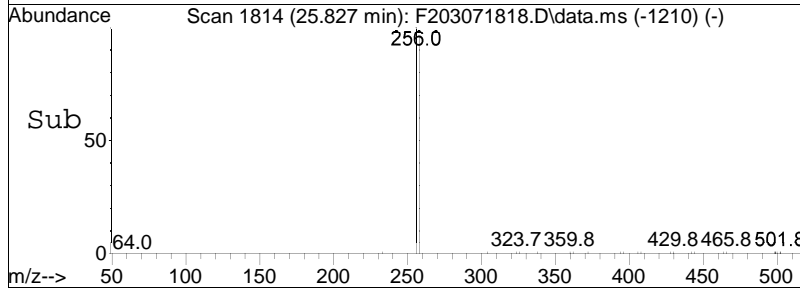
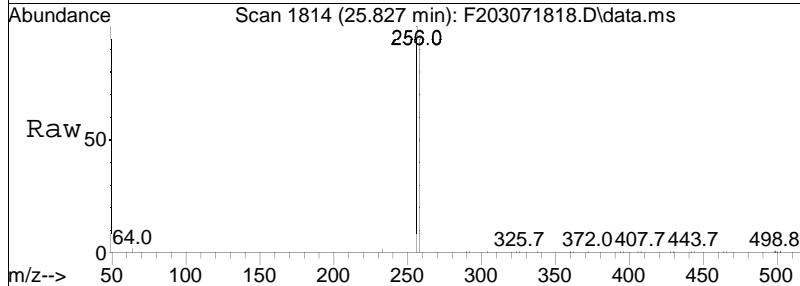
#15
 Cl2-Conf Ion
 Concen: 17.41 ng/mL M5
 RT: 20.180 min Scan# 1132
 Delta R.T. 2.628 min
 Lab File: F203071818.D
 Acq: 8 Mar 2018 7:07 am
 Tgt Ion: 224 Resp: 21658

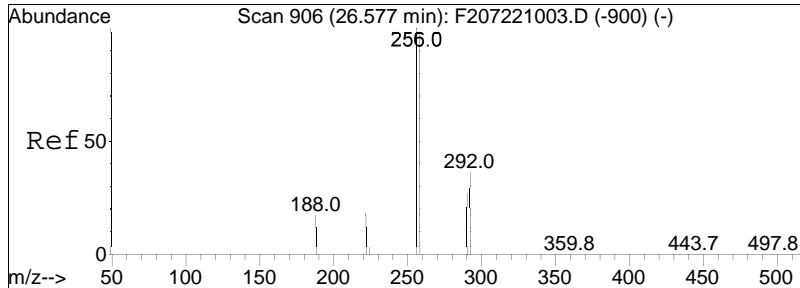




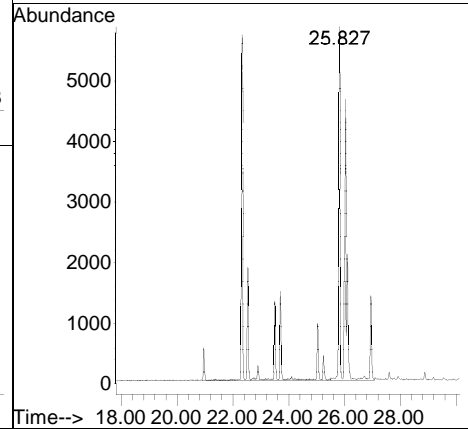
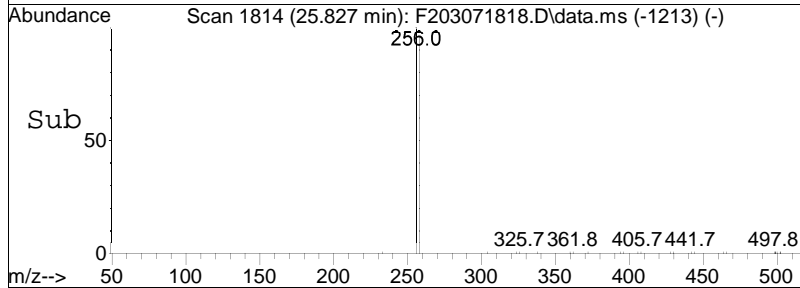
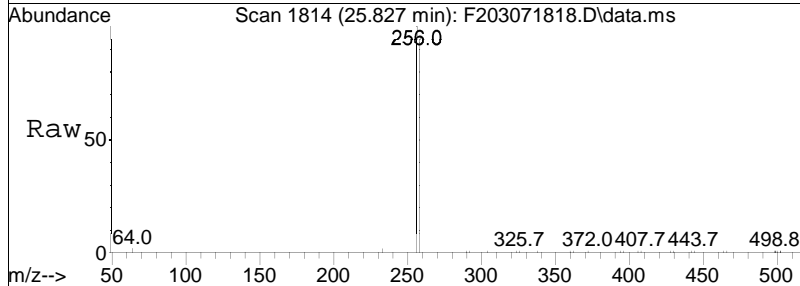
#33
 Trichlorobiphenyls
 Concen: 84.26 ng/mL M5
 RT: 25.827 min Scan# 1814
 Delta R.T. -0.383 min
 Lab File: F203071818.D
 Acq: 8 Mar 2018 7:07 am

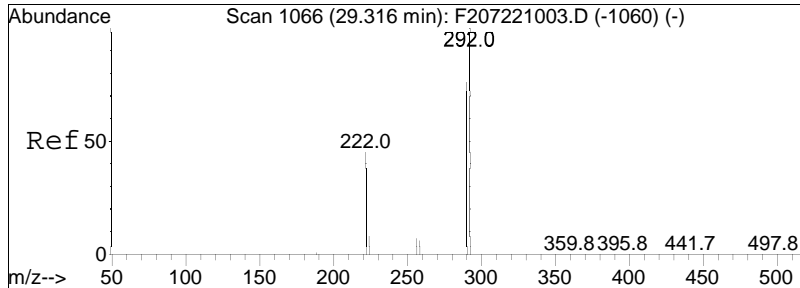
Tgt Ion	Resp	Lower	Upper
256	100		
258	8.6	76.8	115.2#





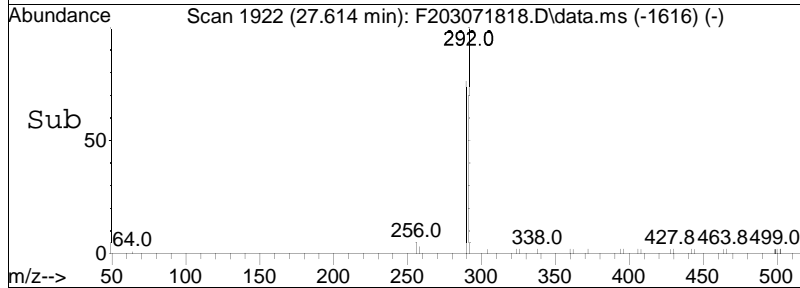
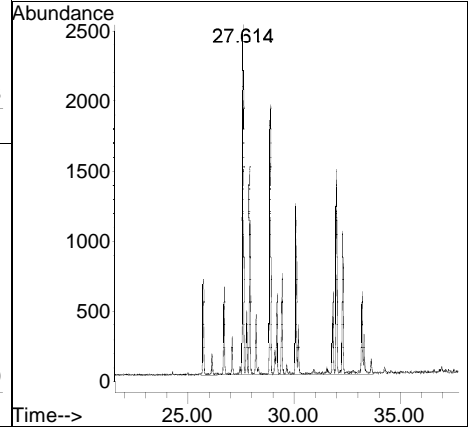
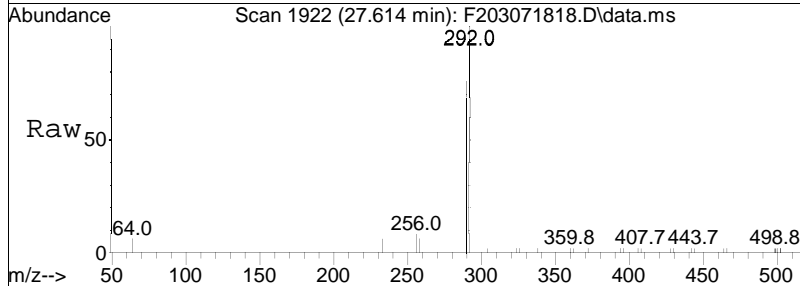
#34
 Cl3- Conf Ion
 Concen: 79.36 ng/mL M5
 RT: 25.827 min Scan# 1814
 Delta R.T. -0.383 min
 Lab File: F203071818.D
 Acq: 8 Mar 2018 7:07 am
 Tgt Ion: 258 Resp: 71408

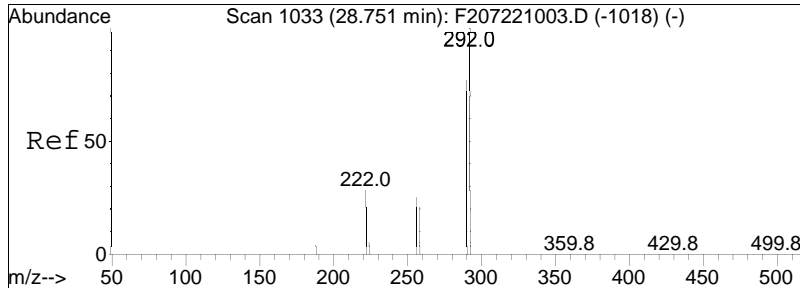




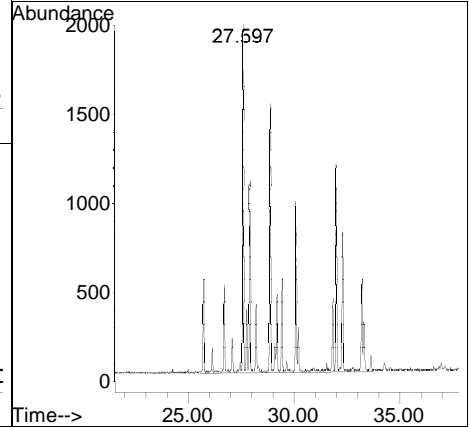
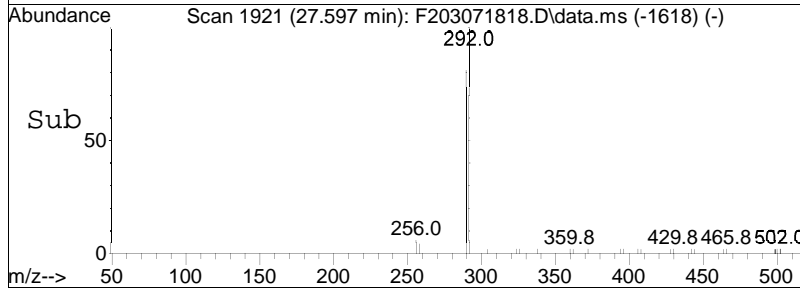
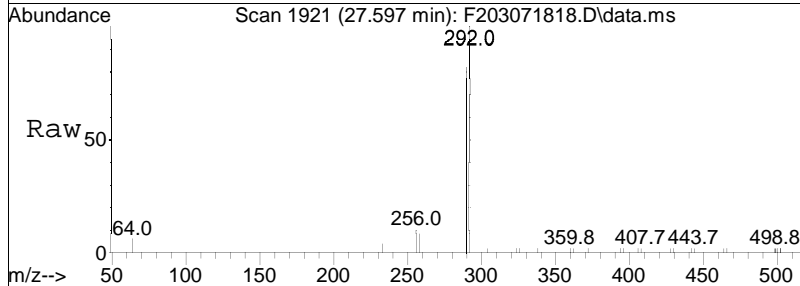
#36
 Tetrachlorobiphenyls
 Concen: 78.69 ng/mL M5
 RT: 27.614 min Scan# 1922
 Delta R.T. -0.758 min
 Lab File: F203071818.D
 Acq: 8 Mar 2018 7:07 am

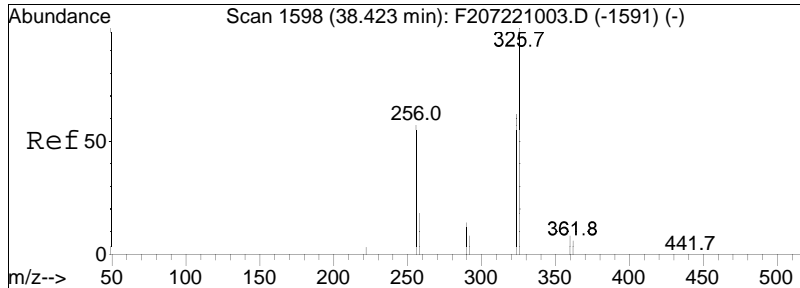
Tgt Ion	Resp	Lower	Upper
292	100		
290	0.0	61.0	91.4#





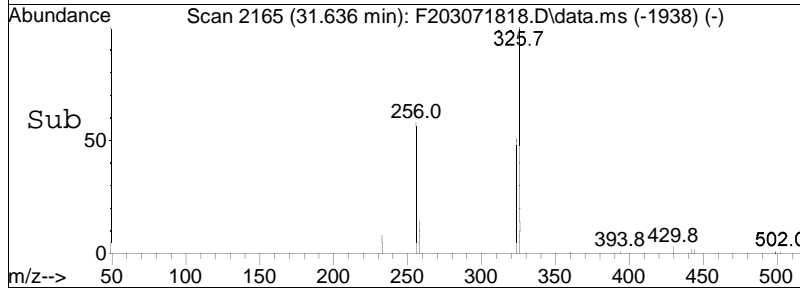
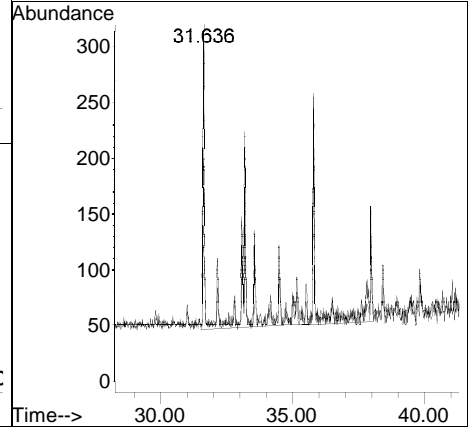
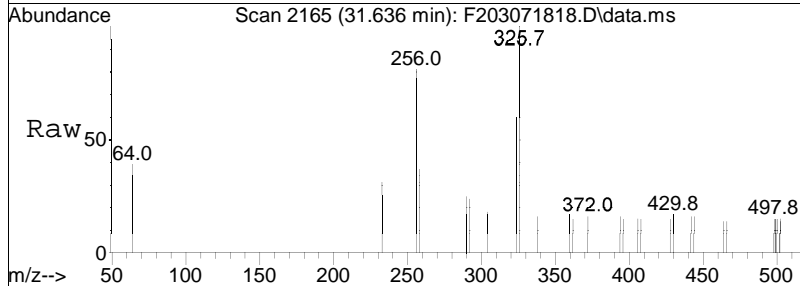
#37
 Cl4-Conf Ion
 Concen: 64.65 ng/mL M5
 RT: 27.597 min Scan# 1921
 Delta R.T. -0.758 min
 Lab File: F203071818.D
 Acq: 8 Mar 2018 7:07 am
 Tgt Ion: 290 Resp: 44879

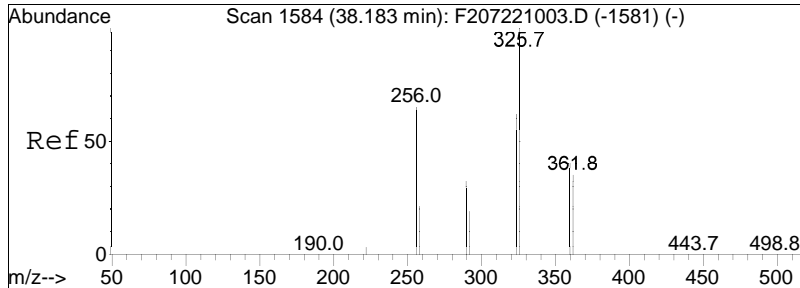




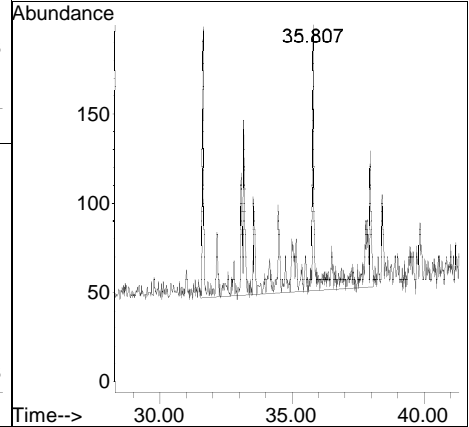
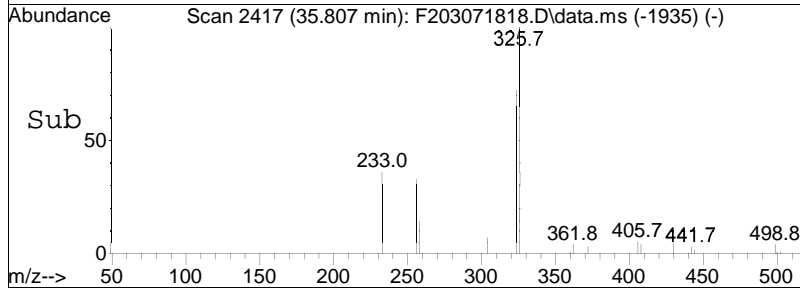
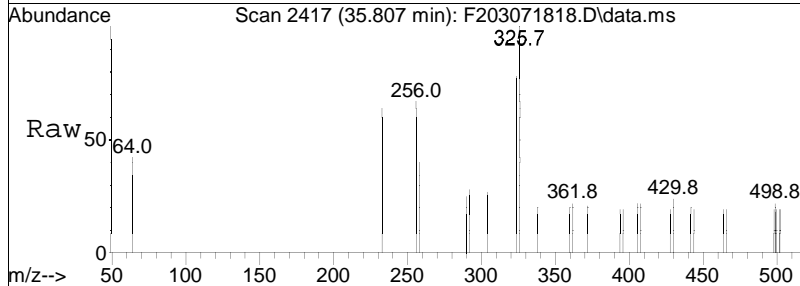
#106
 Pentachlorobiphenyls
 Concen: 7.44 ng/mL M5
 RT: 31.636 min Scan# 2165
 Delta R.T. -2.628 min
 Lab File: F203071818.D
 Acq: 8 Mar 2018 7:07 am

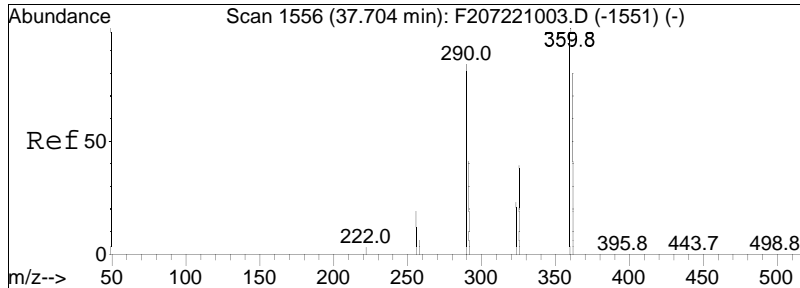
Tgt Ion: 326 Resp: 6390
 Ion Ratio Lower Upper
 326 100
 324 0.0 48.7 73.1#





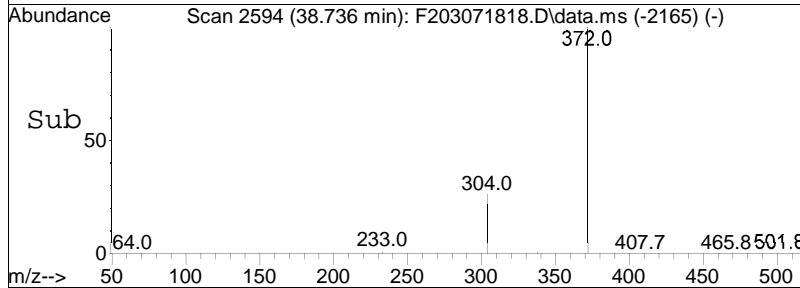
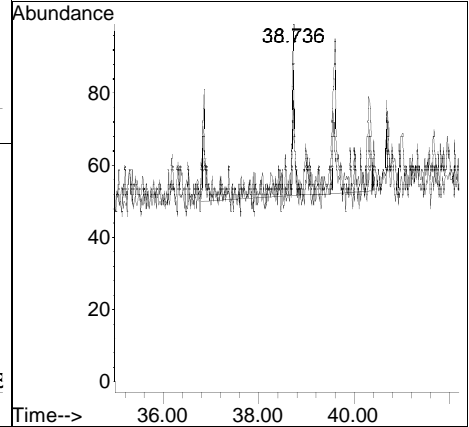
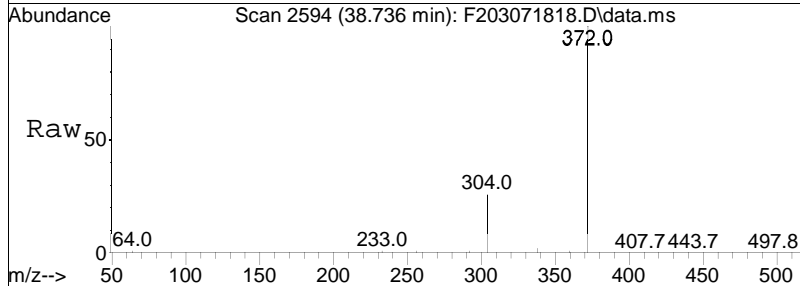
#107
 Cl5-Conf Ion
 Concen: 5.58 ng/mL M5
 RT: 35.807 min Scan# 2417
 Delta R.T. -1.841 min
 Lab File: F203071818.D
 Acq: 8 Mar 2018 7:07 am
 Tgt Ion:324 Resp: 4788

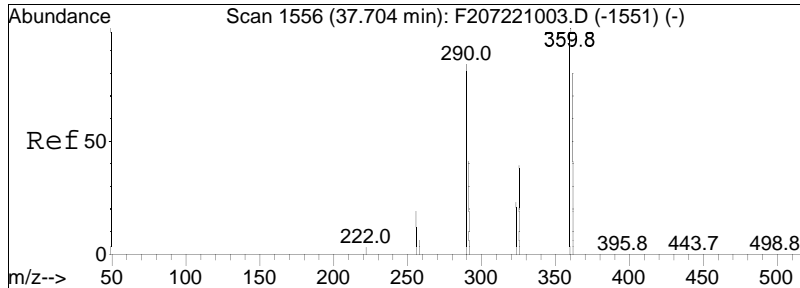




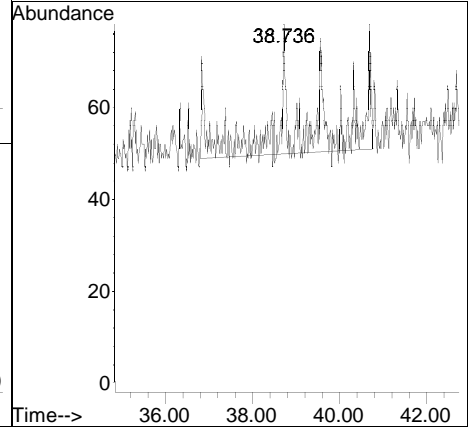
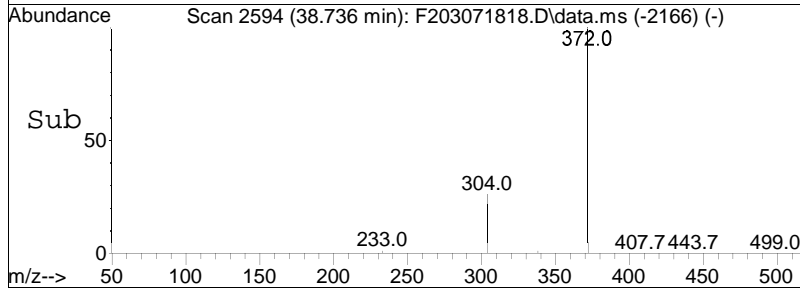
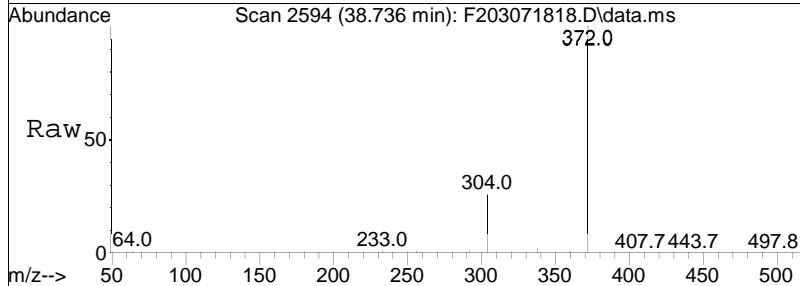
#112
 Hexachlorobiphenyls
 Concen: 1.29 ng/mL M5
 RT: 38.736 min Scan# 2594
 Delta R.T. 1.616 min
 Lab File: F203071818.D
 Acq: 8 Mar 2018 7:07 am

Tgt Ion	Ratio	Lower	Upper
360	100		
362	0.0	63.7	95.5#





#113
 Cl6-Conf Ion
 Concen: 1.25 ng/mL M5
 RT: 38.736 min Scan# 2594
 Delta R.T. 1.616 min
 Lab File: F203071818.D
 Acq: 8 Mar 2018 7:07 am
 Tgt Ion: 362 Resp: 1028



Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071819.D
 Acq On : 8 Mar 2018 8:21 am
 Operator : BNA2:MJS
 Sample : L1806872-07,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 09 13:12:48 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Homologs - Homologs Only

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.864	234	381434	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.876	406	199398	200.000	ng/mL	0.00	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.944	268	56356	84.020	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	84.02%			
93) C15-BZ#101-C13 (surr)	33.192	338	88779	90.555	ng/mL	0.02	
Spiked Amount	100.000	Range 50 - 125	Recovery =	90.56%			
151) C16-BZ#153-C13 (surr)	38.720	372	89769	97.950	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	97.95%			
177) C18-BZ#202-C13 (surr)	42.923	442	81185	86.452	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	86.45%			
Target Compounds							
4) Monochlorobiphenyls	0.000		0		N.D.	d	Qvalue
5) C11- Conf Ion	0.000		0		N.D.	d	
14) Dichlorobiphenyls	20.180	222	40871M5	27.003	ng/mL		
15) C12-Conf Ion	20.180	224	31859M5	21.049	ng/mL		
33) Trichlorobiphenyls	25.827	256	181995M5	166.231	ng/mL		
34) C13- Conf Ion	25.827	258	131770M5	120.356	ng/mL		
36) Tetrachlorobiphenyls	27.598	292	99821M5	118.175	ng/mL		
37) C14-Conf Ion	27.598	290	83201M5	98.499	ng/mL		
106) Pentachlorobiphenyls	35.807	326	16516M5	15.813	ng/mL		
107) C15-Conf Ion	35.807	324	15288M5	14.637	ng/mL		
112) Hexachlorobiphenyls	38.753	360	4435M5	4.417	ng/mL		
113) C16-Conf Ion	38.753	362	3125M5	3.112	ng/mL		
135) Heptachlorobiphenyls	44.893	394	1508M5	1.475	ng/mL		
136) C17-Conf Ion	44.876	396	2162M5	2.115	ng/mL		
181) Octachlorobiphenyls	0.000		0		N.D.	d	
182) C18-Conf Ion	0.000		0		N.D.	d	
208) Nonachlorobiphenyls	0.000		0		N.D.	d	
209) C19-Conf Ion	0.000		0		N.D.	d	
211) Decachlorobiphenyl	0.000		0		N.D.	d	
212) C110-Conf Ion	0.000		0		N.D.	d	

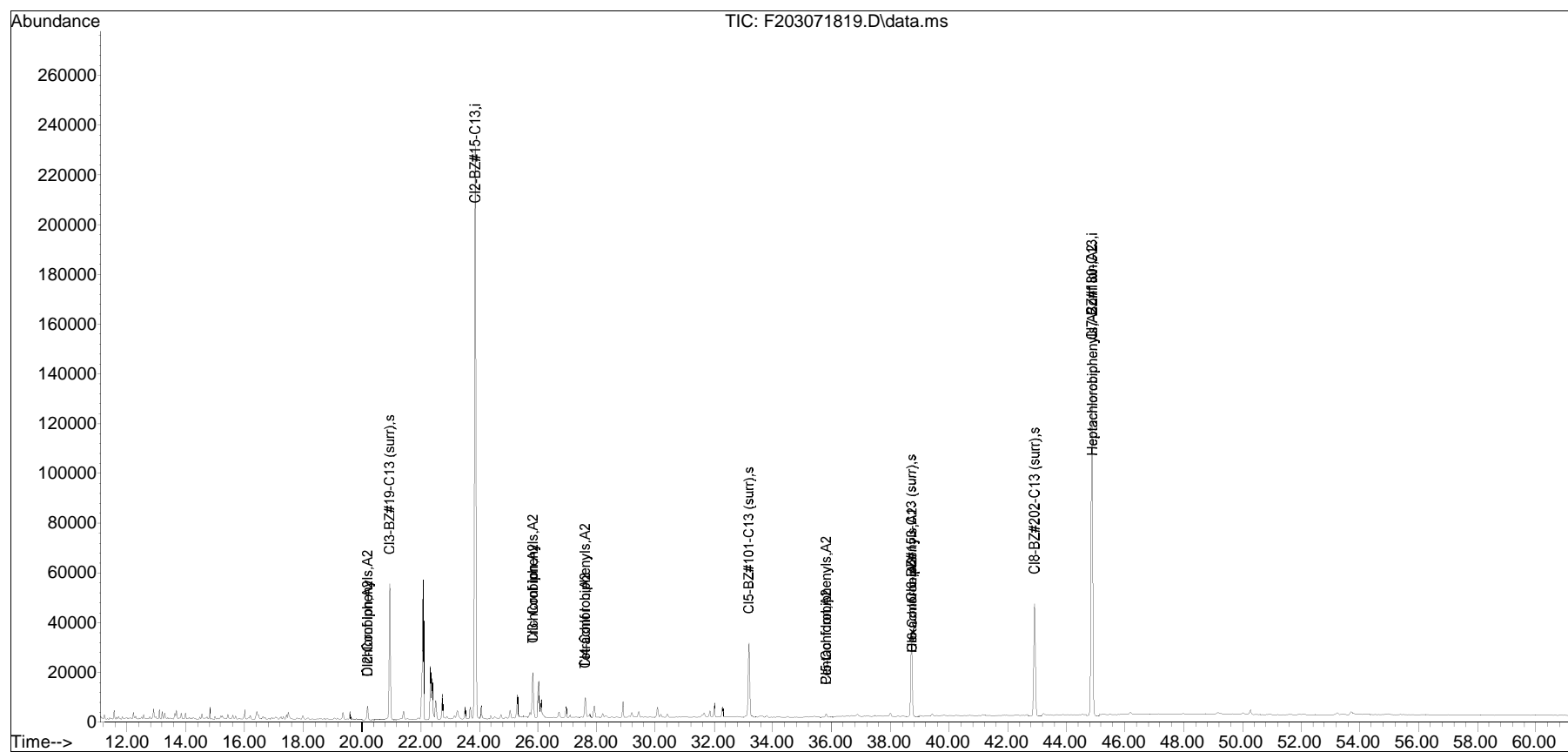
(#) = qualifier out of range (m) = manual integration (+) = signals summed

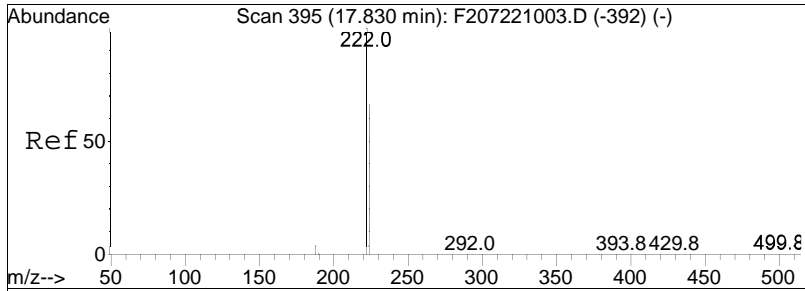
Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
Data File : F203071819.D
Acq On : 8 Mar 2018 8:21 am
Operator : BNA2:MJS
Sample : L1806872-07,HN
Misc : WG1095518,WG1094741,ICAL14481
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 09 13:12:48 2018
Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
Quant Title : Method 680 PCB's by GC/MS
QLast Update : Thu Mar 08 11:02:39 2018
Response via : Initial Calibration

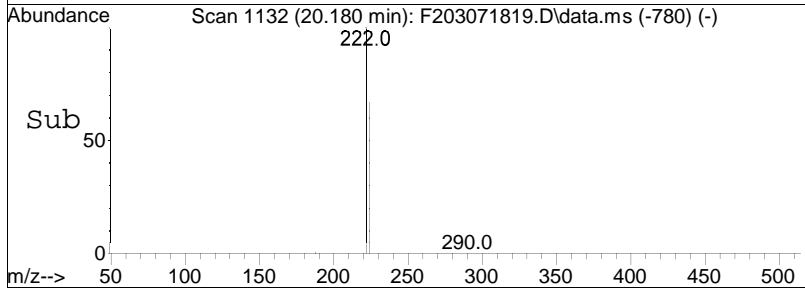
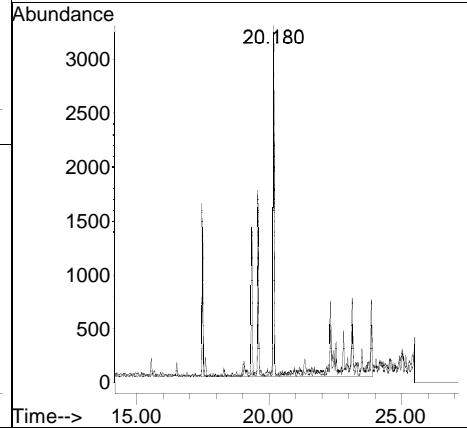
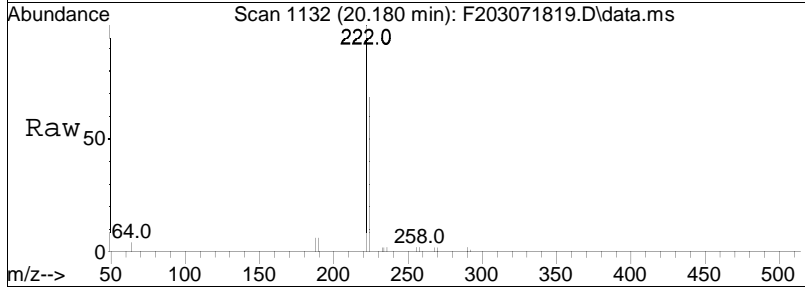
Sub List : Homologs - Homologs Only

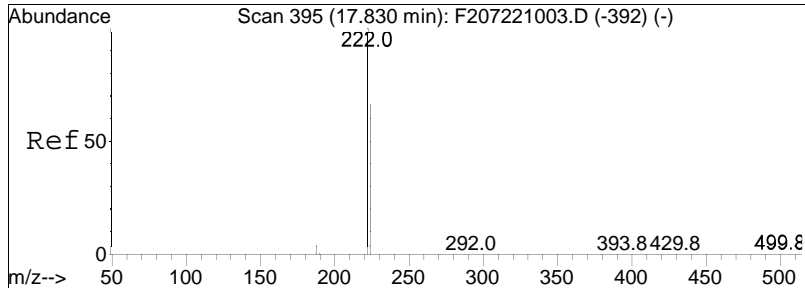




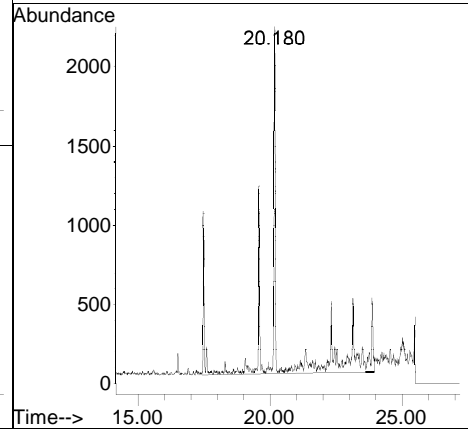
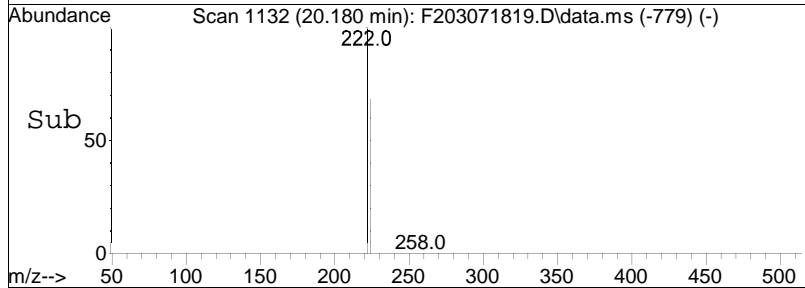
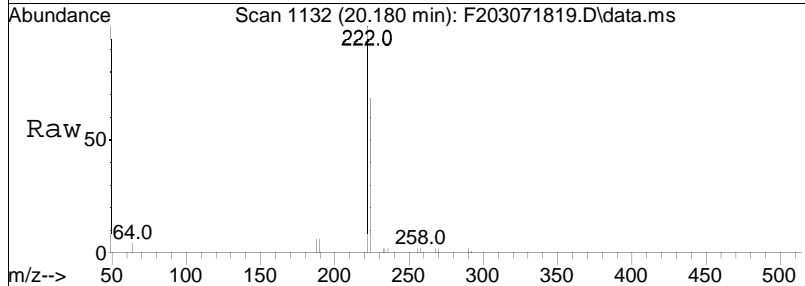
#14
 Dichlorobiphenyls
 Concen: 27.00 ng/mL M5
 RT: 20.180 min Scan# 1132
 Delta R.T. 2.628 min
 Lab File: F203071819.D
 Acq: 8 Mar 2018 8:21 am

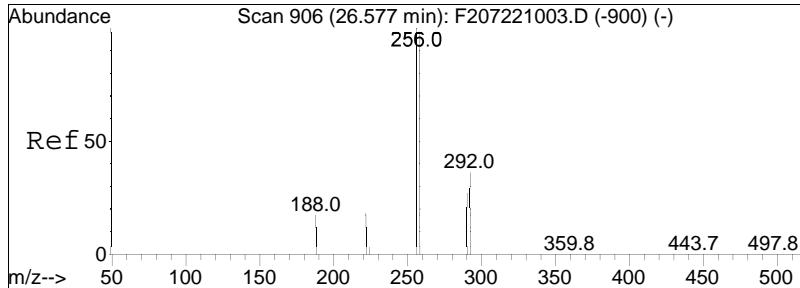
Tgt Ion: 222 Resp: 40871
 Ion Ratio Lower Upper
 222 100
 224 6.1 52.1 78.1#





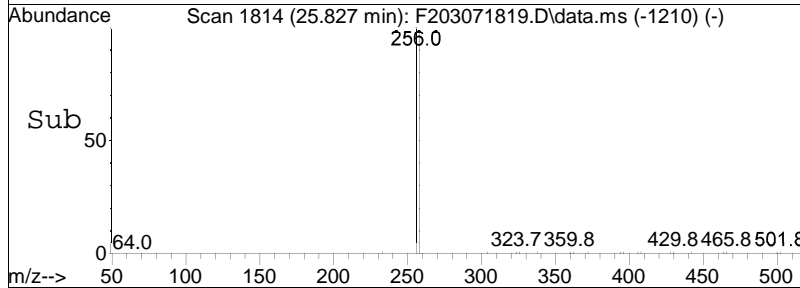
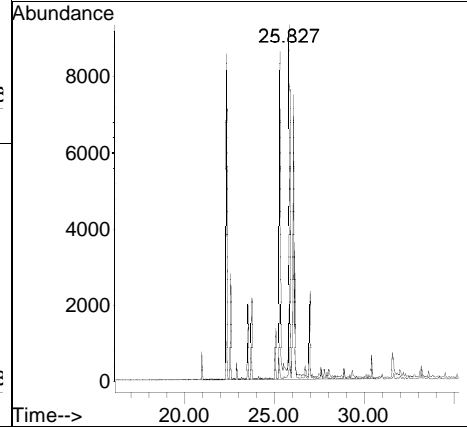
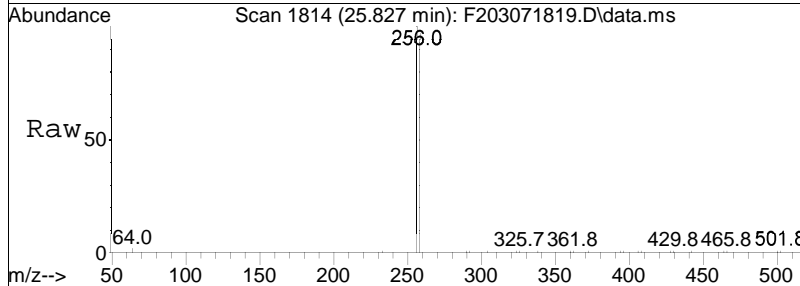
#15
 Cl2-Conf Ion
 Concen: 21.05 ng/mL M5
 RT: 20.180 min Scan# 1132
 Delta R.T. 2.628 min
 Lab File: F203071819.D
 Acq: 8 Mar 2018 8:21 am
 Tgt Ion: 224 Resp: 31859

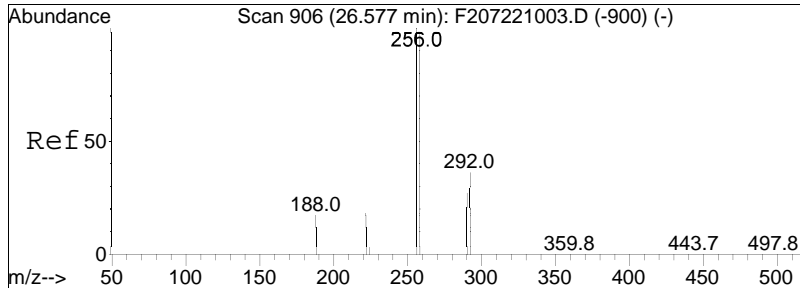




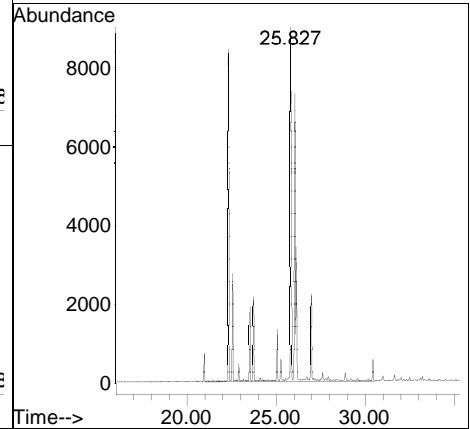
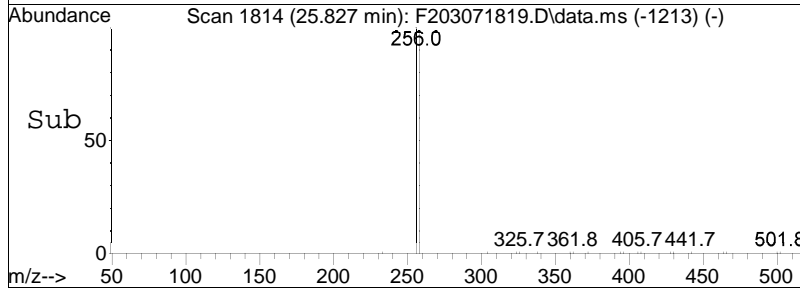
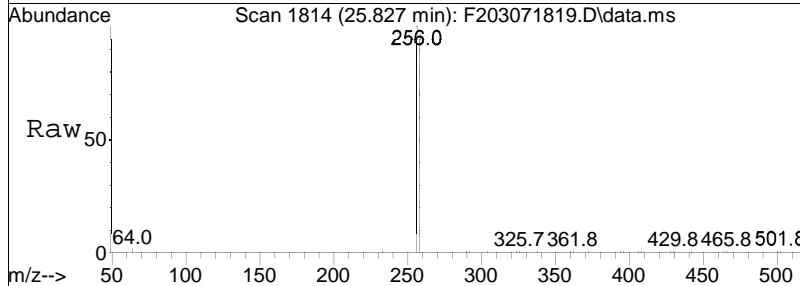
#33
 Trichlorobiphenyls
 Concen: 166.23 ng/mL M5
 RT: 25.827 min Scan# 1814
 Delta R.T. -0.383 min
 Lab File: F203071819.D
 Acq: 8 Mar 2018 8:21 am

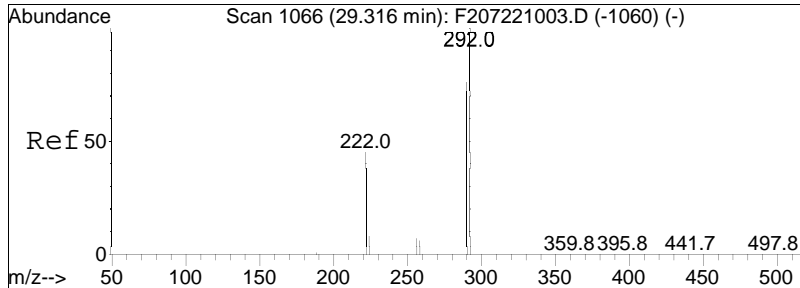
Tgt Ion	Resp	Lower	Upper
256	100		
258	0.0	76.8	115.2#





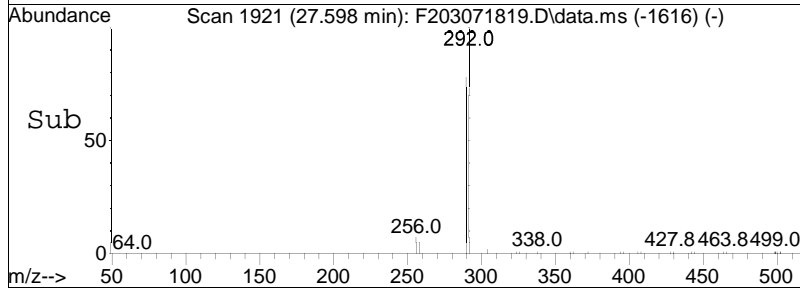
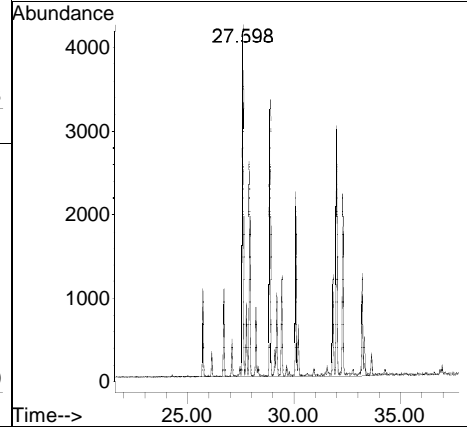
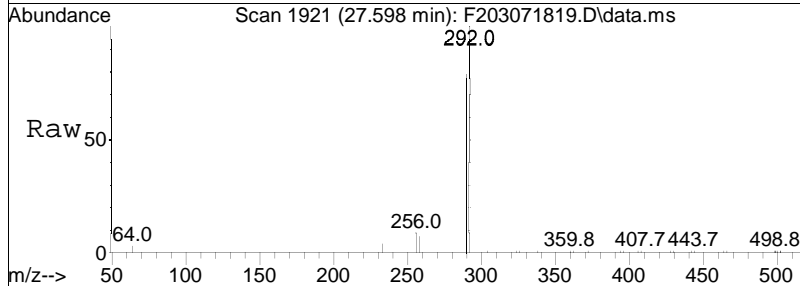
#34
 Cl3- Conf Ion
 Concen: 120.36 ng/mL M5
 RT: 25.827 min Scan# 1814
 Delta R.T. -0.383 min
 Lab File: F203071819.D
 Acq: 8 Mar 2018 8:21 am
 Tgt Ion: 258 Resp: 131770

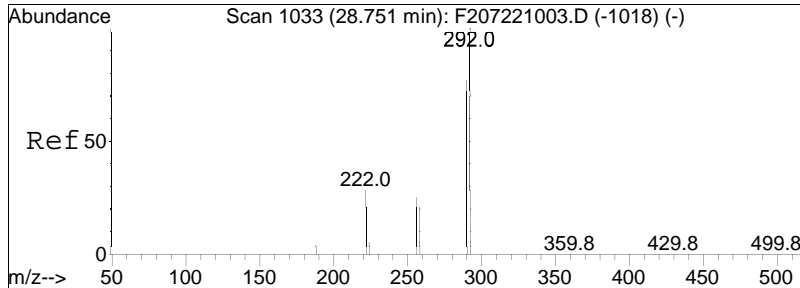




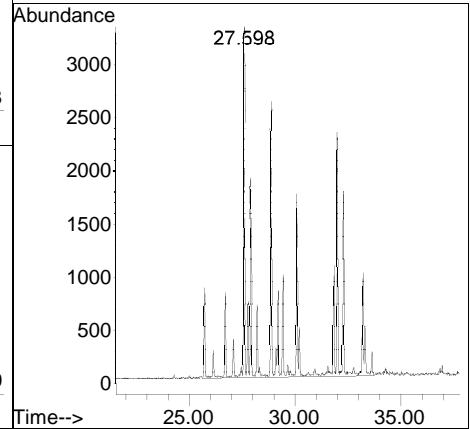
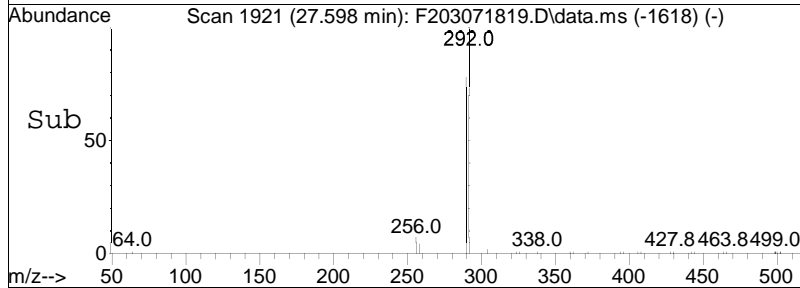
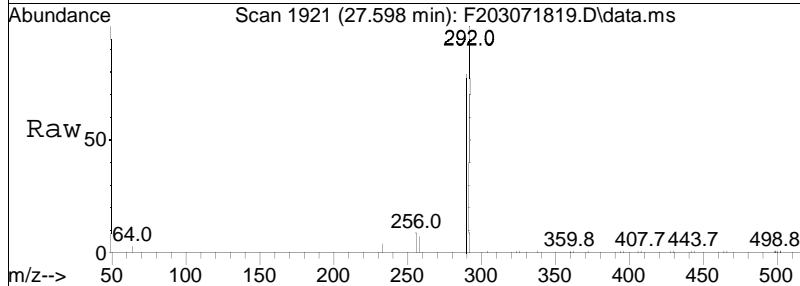
#36
 Tetrachlorobiphenyls
 Concen: 118.18 ng/mL M5
 RT: 27.598 min Scan# 1921
 Delta R.T. -0.774 min
 Lab File: F203071819.D
 Acq: 8 Mar 2018 8:21 am

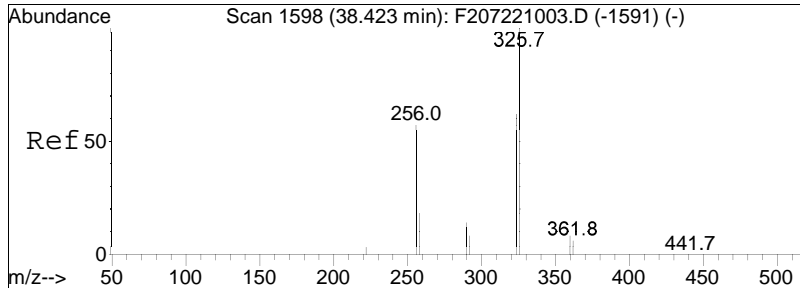
Tgt Ion	Resp	Lower	Upper
292	100		
290	0.0	61.0	91.4#





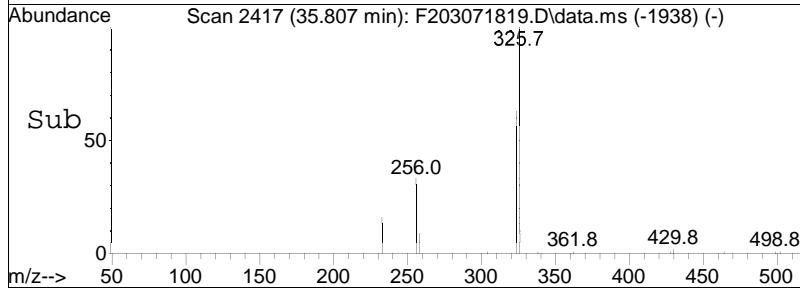
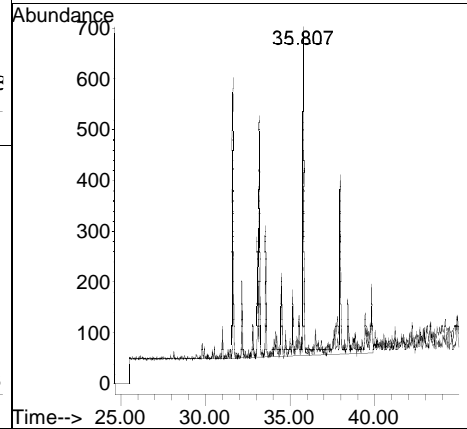
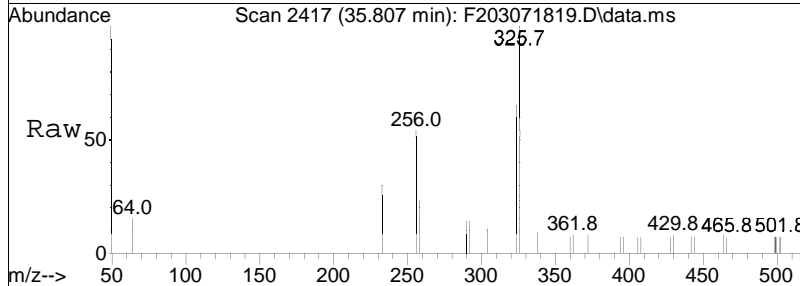
#37
 Cl4-Conf Ion
 Concen: 98.50 ng/mL M5
 RT: 27.598 min Scan# 1921
 Delta R.T. -0.758 min
 Lab File: F203071819.D
 Acq: 8 Mar 2018 8:21 am
 Tgt Ion: 290 Resp: 83201

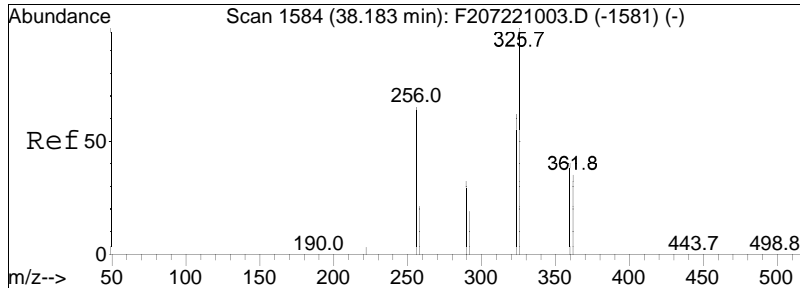




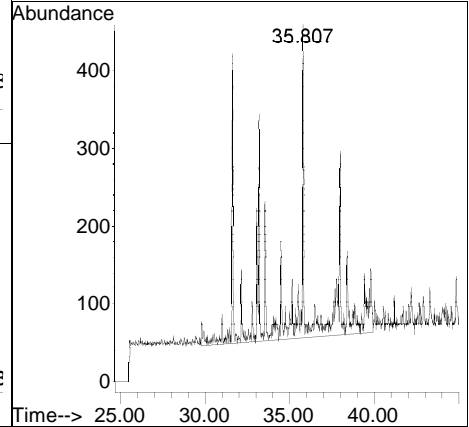
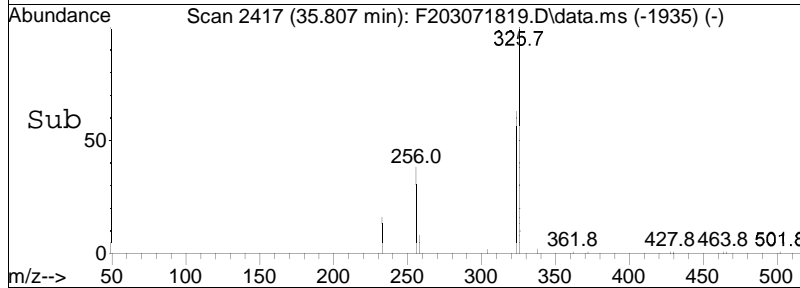
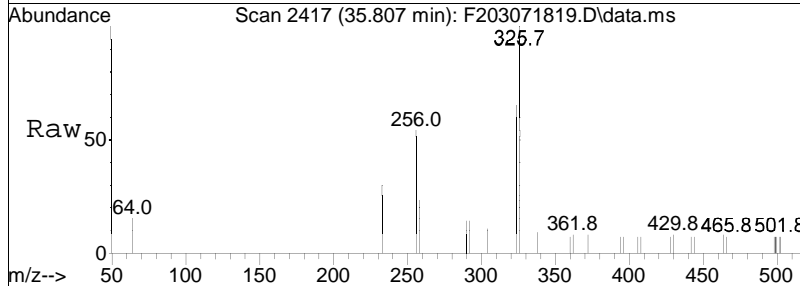
#106
 Pentachlorobiphenyls
 Concen: 15.81 ng/mL M5
 RT: 35.807 min Scan# 2417
 Delta R.T. 1.543 min
 Lab File: F203071819.D
 Acq: 8 Mar 2018 8:21 am

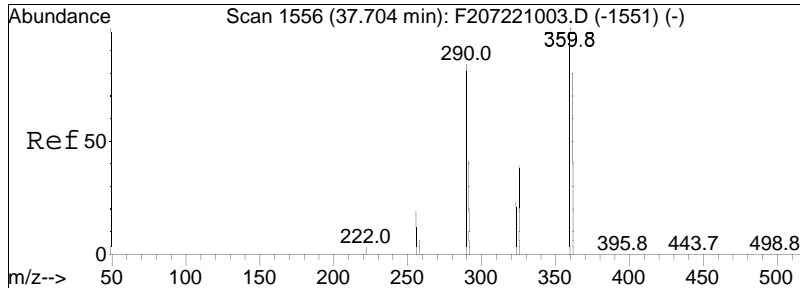
Tgt Ion: 326 Resp: 16516
 Ion Ratio Lower Upper
 326 100
 324 2.8 48.7 73.1#





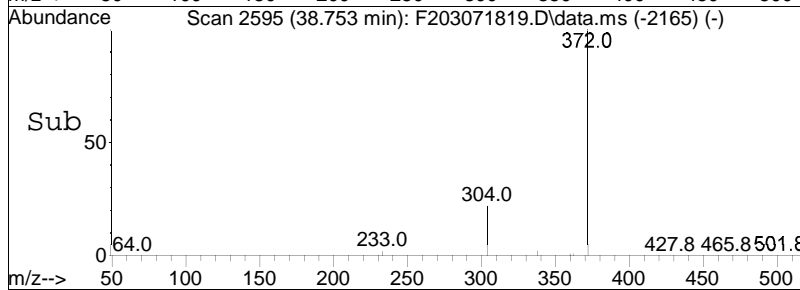
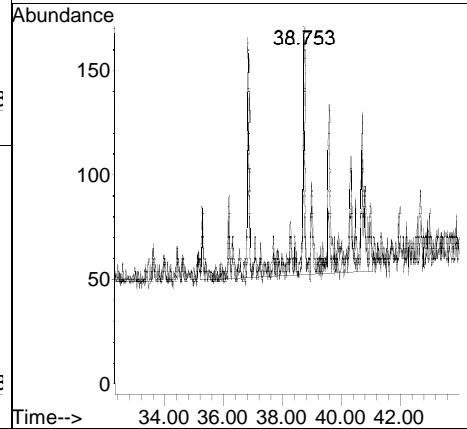
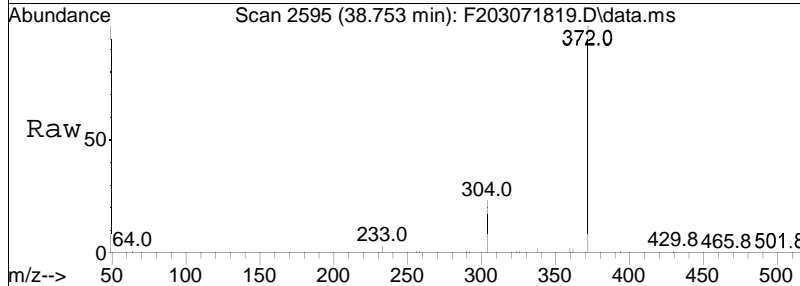
#107
 Cl5-Conf Ion
 Concen: 14.64 ng/mL M5
 RT: 35.807 min Scan# 2417
 Delta R.T. -1.841 min
 Lab File: F203071819.D
 Acq: 8 Mar 2018 8:21 am
 Tgt Ion:324 Resp: 15288

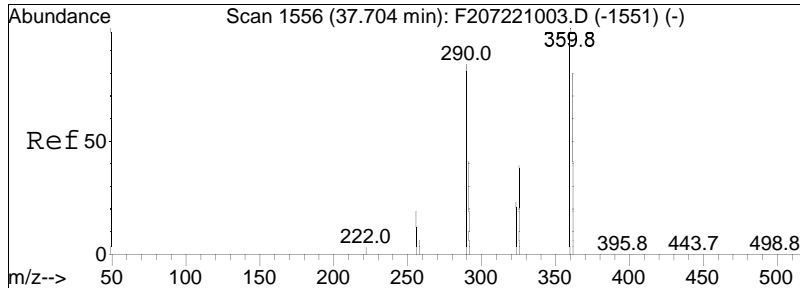




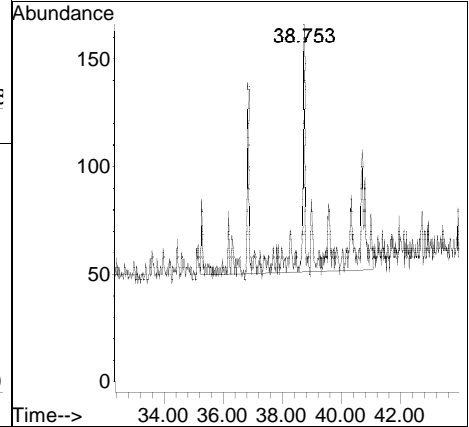
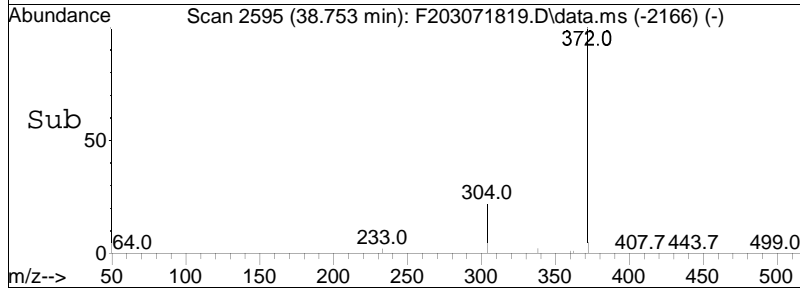
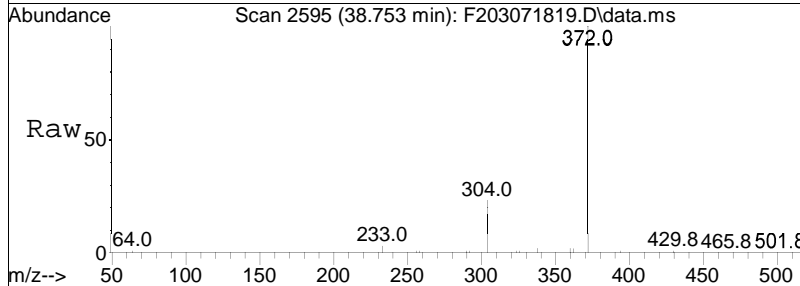
#112
 Hexachlorobiphenyls
 Concen: 4.42 ng/mL M5
 RT: 38.753 min Scan# 2595
 Delta R.T. 1.633 min
 Lab File: F203071819.D
 Acq: 8 Mar 2018 8:21 am

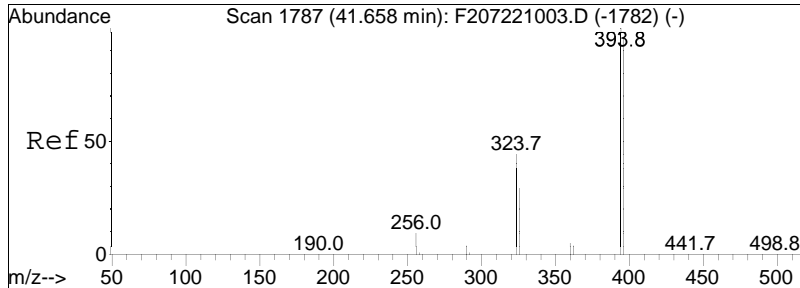
Tgt Ion: 360 Resp: 4435
 Ion Ratio Lower Upper
 360 100
 362 8.6 63.7 95.5#





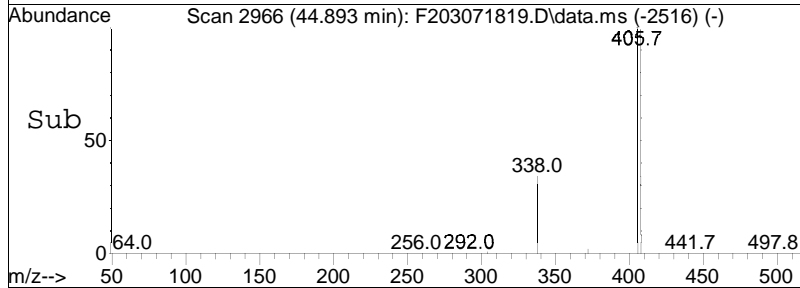
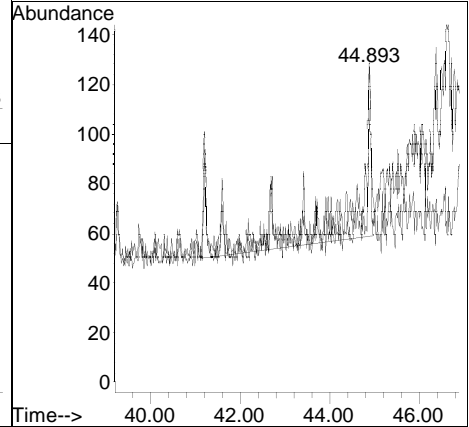
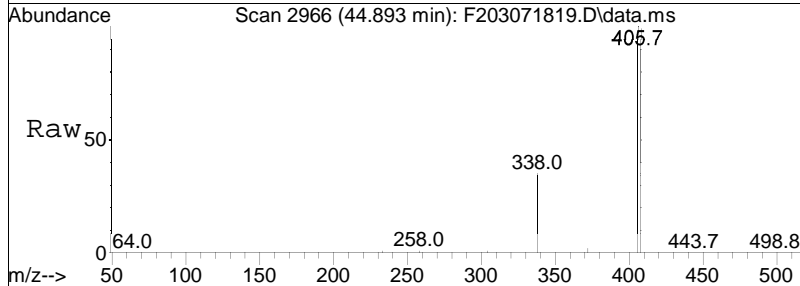
#113
 Cl6-Conf Ion
 Concen: 3.11 ng/mL M5
 RT: 38.753 min Scan# 2595
 Delta R.T. 1.633 min
 Lab File: F203071819.D
 Acq: 8 Mar 2018 8:21 am
 Tgt Ion: 362 Resp: 3125

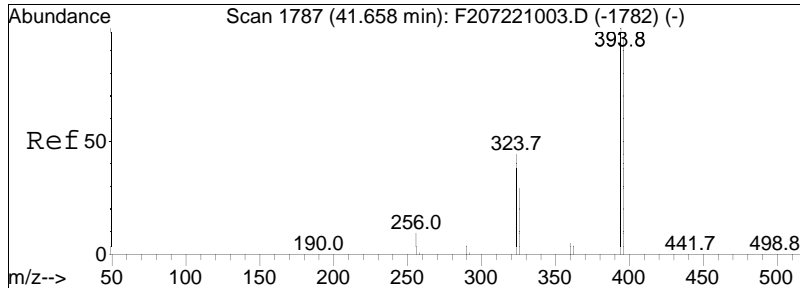




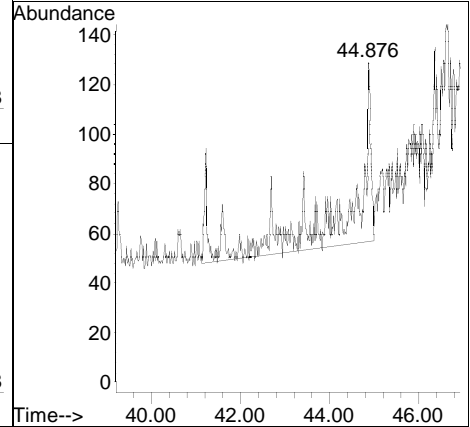
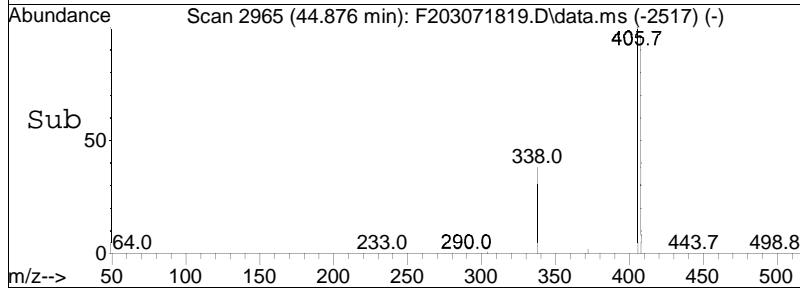
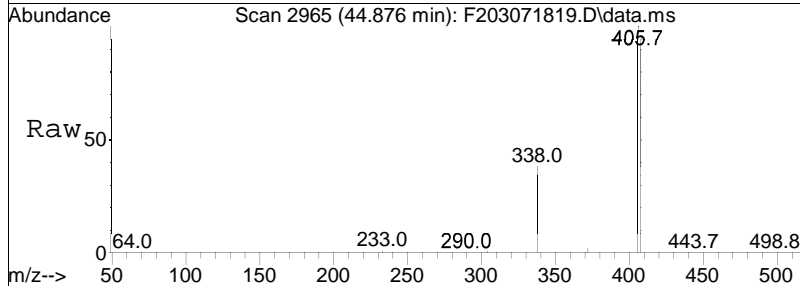
#135
 Heptachlorobiphenyls
 Concen: 1.48 ng/mL M5
 RT: 44.893 min Scan# 2966
 Delta R.T. 3.794 min
 Lab File: F203071819.D
 Acq: 8 Mar 2018 8:21 am

Tgt Ion: 394 Resp: 1508
 Ion Ratio Lower Upper
 394 100
 396 12.6 78.6 118.0#





#136
 Cl7-Conf Ion
 Concen: 2.11 ng/mL M5
 RT: 44.876 min Scan# 2965
 Delta R.T. 3.777 min
 Lab File: F203071819.D
 Acq: 8 Mar 2018 8:21 am
 Tgt Ion: 396 Resp: 2162



Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071820.D
 Acq On : 8 Mar 2018 9:35 am
 Operator : BNA2:MJS
 Sample : L1806872-08,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 09 13:15:52 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Homologs - Homologs Only

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.863	234	379013	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.876	406	198771	200.000	ng/mL	0.00	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.944	268	53001	79.523	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	79.52%			
93) C15-BZ#101-C13 (surr)	33.192	338	81778	83.947	ng/mL	0.02	
Spiked Amount	100.000	Range 50 - 125	Recovery =	83.95%			
151) C16-BZ#153-C13 (surr)	38.719	372	82915	90.757	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	90.76%			
177) C18-BZ#202-C13 (surr)	42.923	442	75326	80.466	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	80.47%			
Target Compounds							
4) Monochlorobiphenyls	0.000		0		N.D.	d	Qvalue
5) C11- Conf Ion	0.000		0		N.D.	d	
14) Dichlorobiphenyls	20.180	222	37872M5	25.181	ng/mL		
15) C12-Conf Ion	20.180	224	25914M5	17.230	ng/mL		
33) Trichlorobiphenyls	25.827	256	133982M5	123.158	ng/mL		
34) C13- Conf Ion	25.827	258	124316M5	114.273	ng/mL		
36) Tetrachlorobiphenyls	27.614	292	70854M5	84.418	ng/mL		
37) C14-Conf Ion	27.597	290	57898M5	68.982	ng/mL		
106) Pentachlorobiphenyls	31.636	326	9241M5	8.904	ng/mL		
107) C15-Conf Ion	31.636	324	8642M5	8.327	ng/mL		
112) Hexachlorobiphenyls	39.597	360	1508M5	1.511	ng/mL		
113) C16-Conf Ion	38.736	362	1111M5	1.113	ng/mL		
135) Heptachlorobiphenyls	0.000		0		N.D.	d	
136) C17-Conf Ion	0.000		0		N.D.	d	
181) Octachlorobiphenyls	0.000		0		N.D.	d	
182) C18-Conf Ion	0.000		0		N.D.	d	
208) Nonachlorobiphenyls	0.000		0		N.D.	d	
209) C19-Conf Ion	0.000		0		N.D.	d	
211) Decachlorobiphenyl	0.000		0		N.D.	d	
212) C110-Conf Ion	0.000		0		N.D.	d	

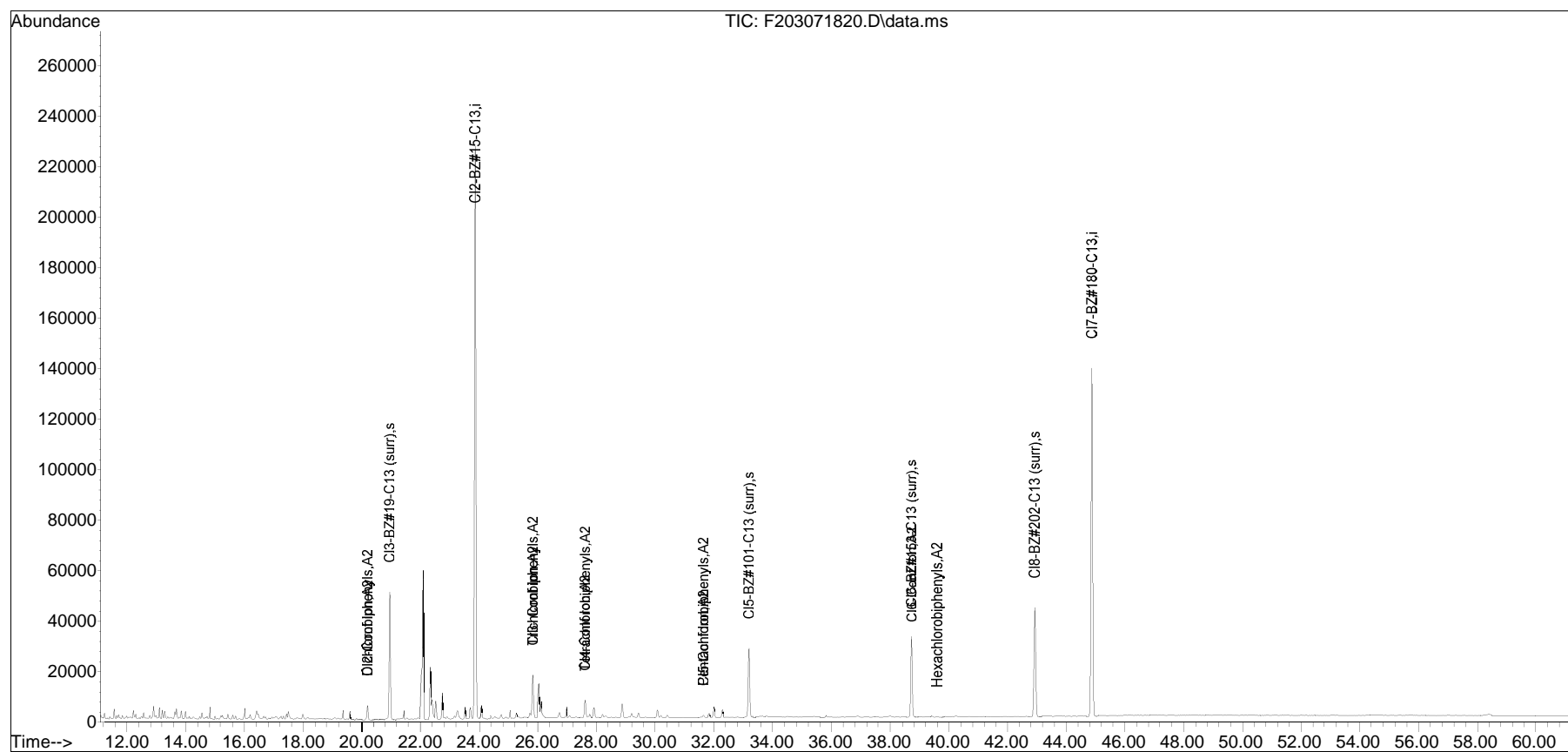
(#) = qualifier out of range (m) = manual integration (+) = signals summed

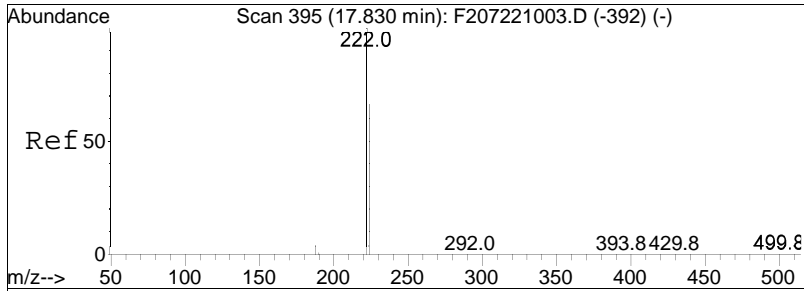
Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071820.D
 Acq On : 8 Mar 2018 9:35 am
 Operator : BNA2:MJS
 Sample : L1806872-08,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 09 13:15:52 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

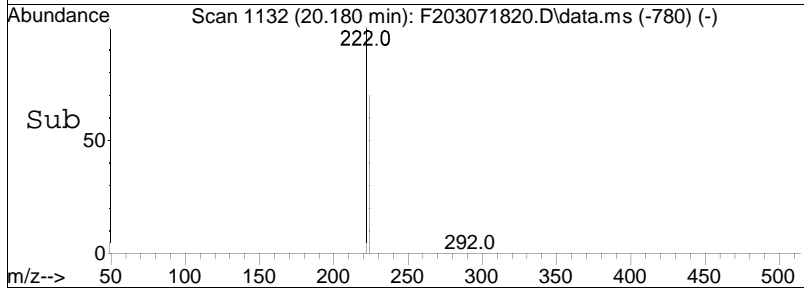
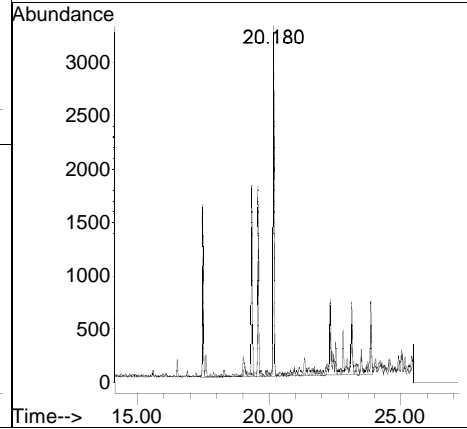
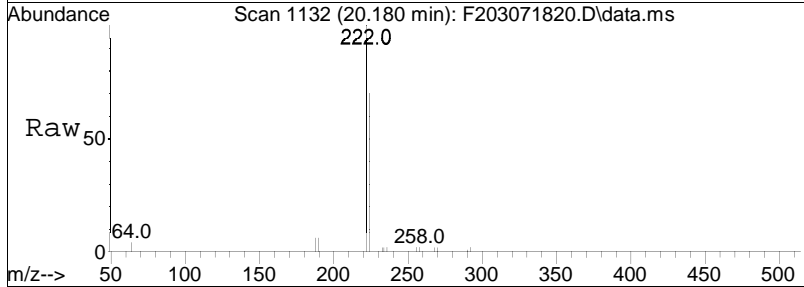
Sub List : Homologs - Homologs Only

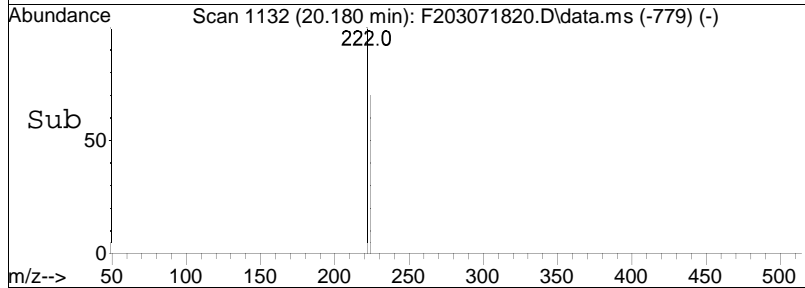
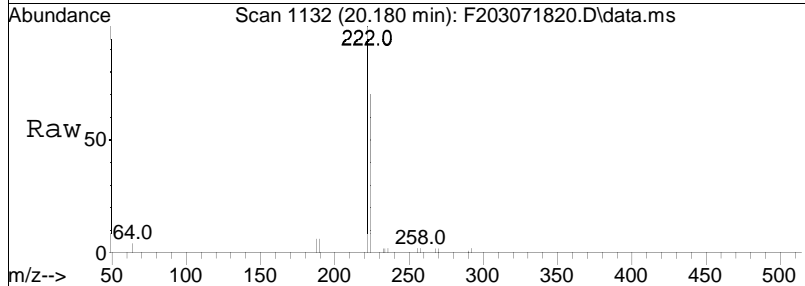
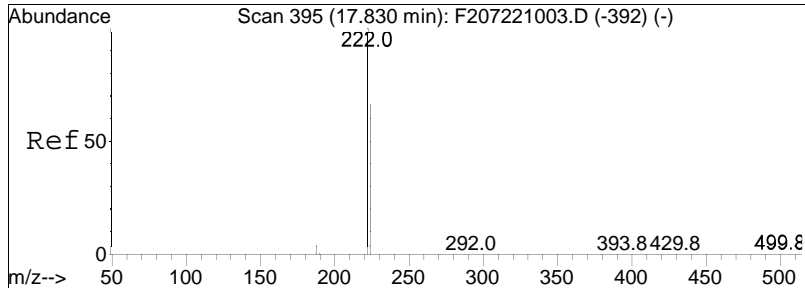




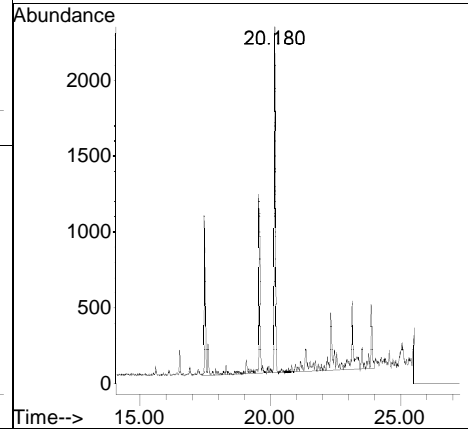
#14
 Dichlorobiphenyls
 Concen: 25.18 ng/mL M5
 RT: 20.180 min Scan# 1132
 Delta R.T. 2.628 min
 Lab File: F203071820.D
 Acq: 8 Mar 2018 9:35 am

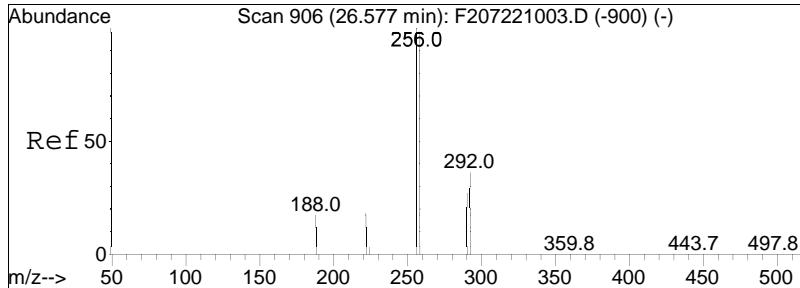
Tgt Ion	Resp	Lower	Upper
222	100		
224	6.6	52.1	78.1#





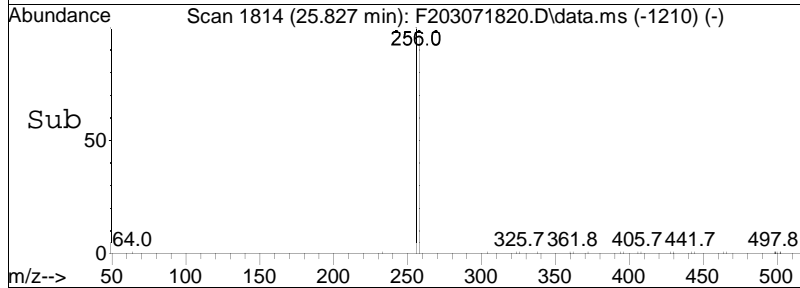
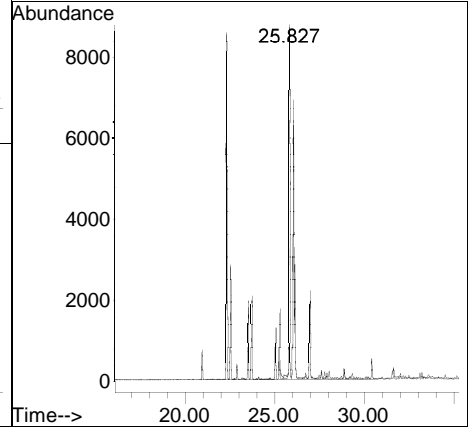
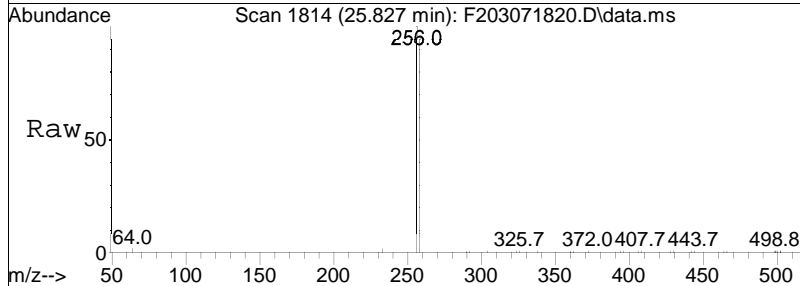
#15
Cl2-Conf Ion
Concen: 17.23 ng/mL M5
RT: 20.180 min Scan# 1132
Delta R.T. 2.628 min
Lab File: F203071820.D
Acq: 8 Mar 2018 9:35 am
Tgt Ion: 224 Resp: 25914

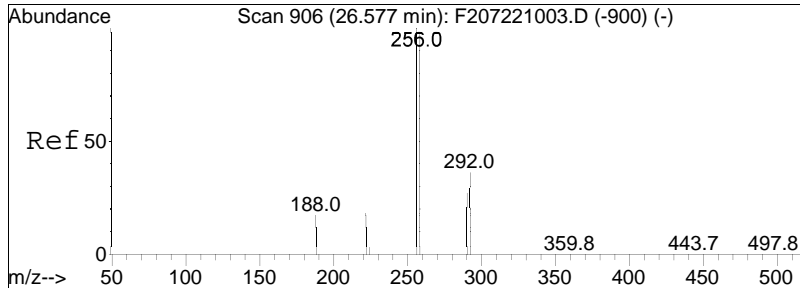




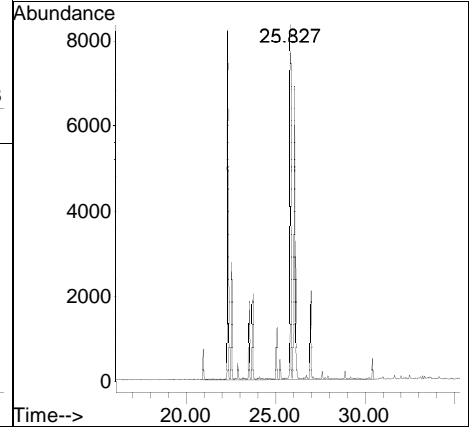
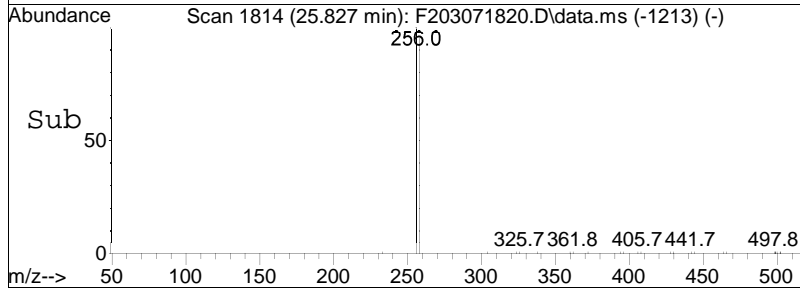
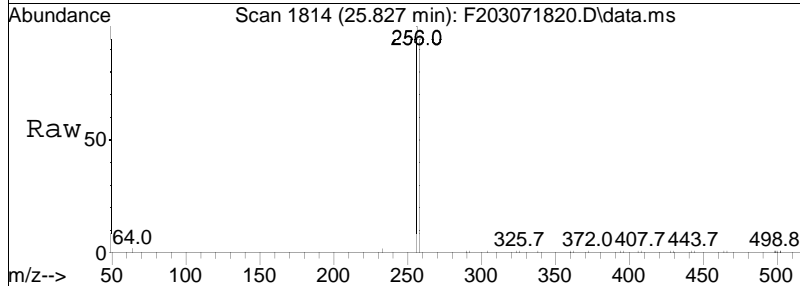
#33
 Trichlorobiphenyls
 Concen: 123.16 ng/mL M5
 RT: 25.827 min Scan# 1814
 Delta R.T. -0.383 min
 Lab File: F203071820.D
 Acq: 8 Mar 2018 9:35 am

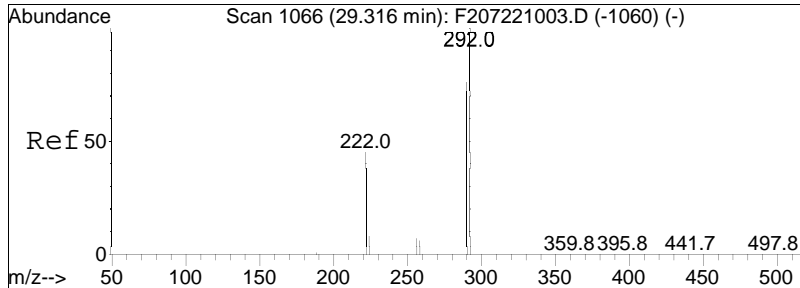
Tgt Ion	Resp	Lower	Upper
256	100		
258	7.2	76.8	115.2#





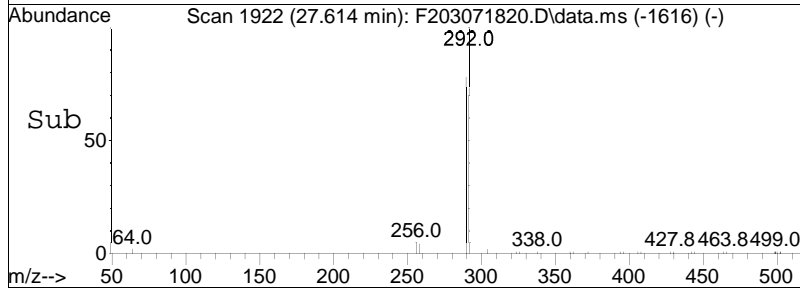
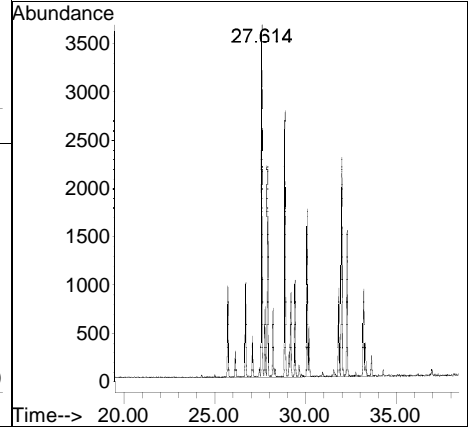
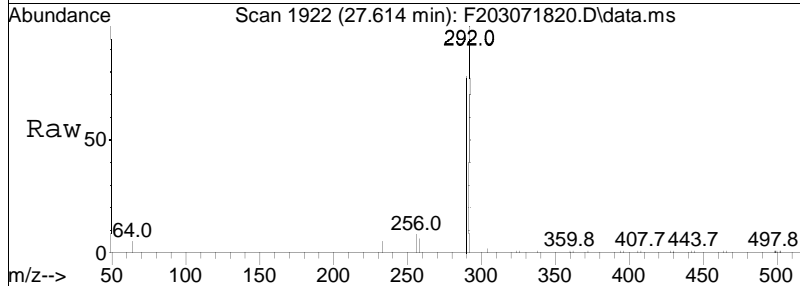
#34
 Cl3- Conf Ion
 Concen: 114.27 ng/mL M5
 RT: 25.827 min Scan# 1814
 Delta R.T. -0.383 min
 Lab File: F203071820.D
 Acq: 8 Mar 2018 9:35 am
 Tgt Ion: 258 Resp: 124316

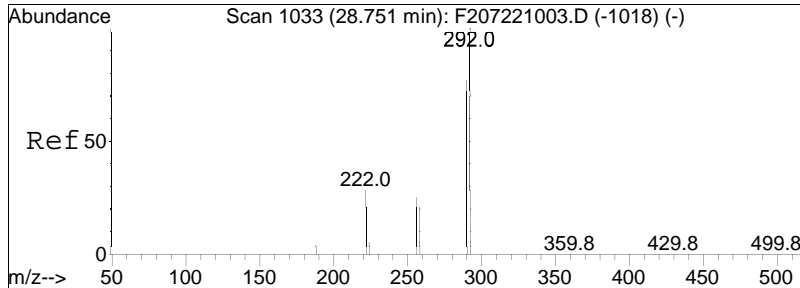




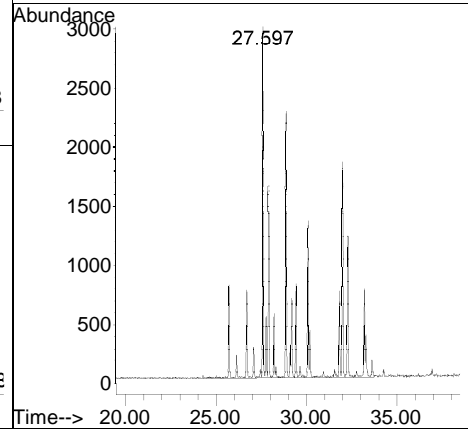
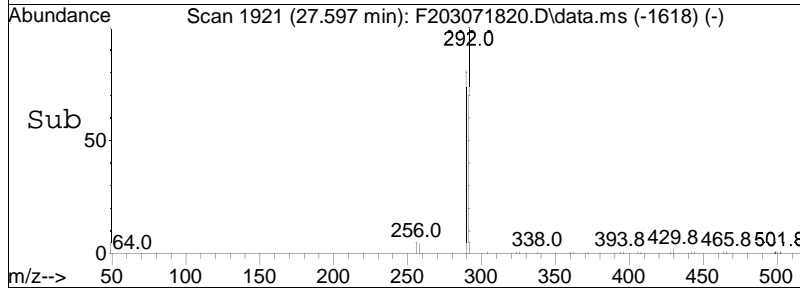
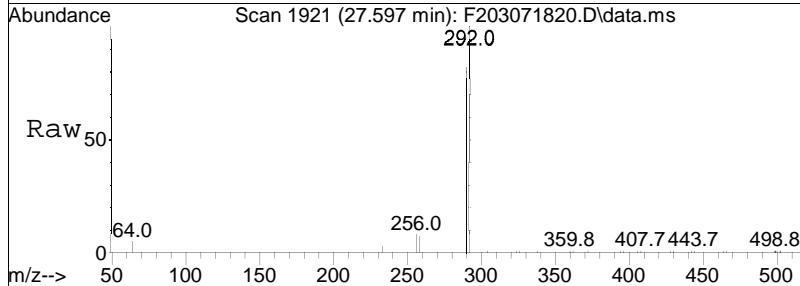
#36
 Tetrachlorobiphenyls
 Concen: 84.42 ng/mL M5
 RT: 27.614 min Scan# 1922
 Delta R.T. -0.758 min
 Lab File: F203071820.D
 Acq: 8 Mar 2018 9:35 am

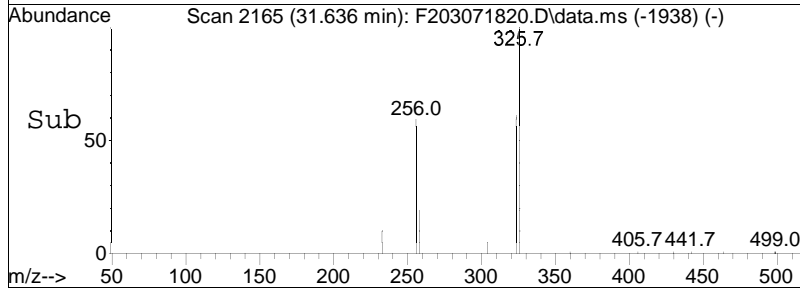
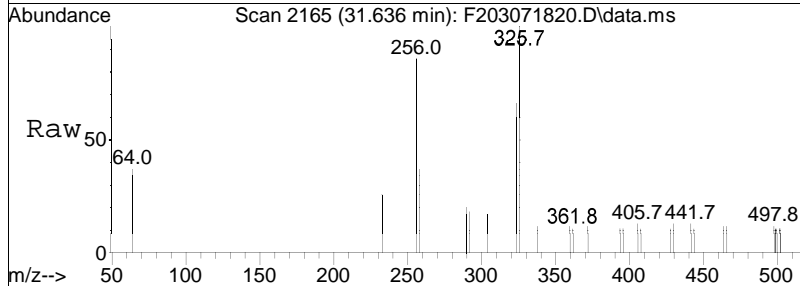
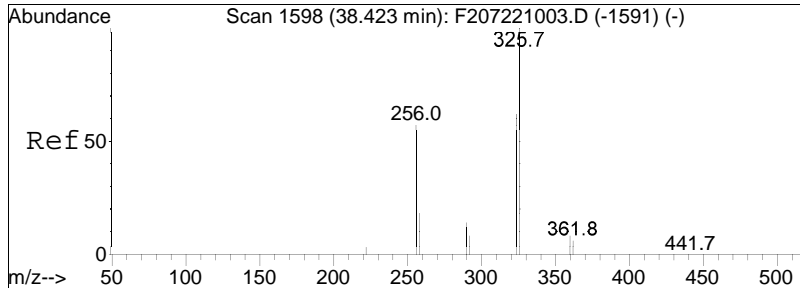
Tgt Ion	Resp	Lower	Upper
292	100		
290	2.7	61.0	91.4#





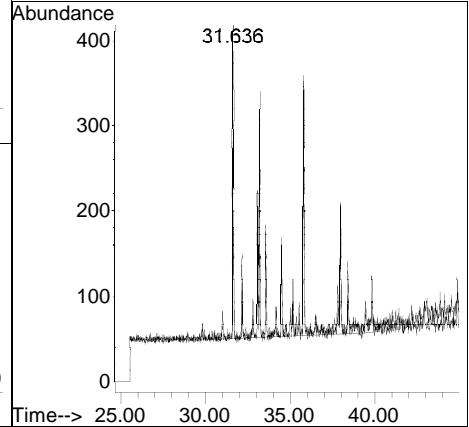
#37
 Cl4-Conf Ion
 Concen: 68.98 ng/mL M5
 RT: 27.597 min Scan# 1921
 Delta R.T. -0.758 min
 Lab File: F203071820.D
 Acq: 8 Mar 2018 9:35 am
 Tgt Ion: 290 Resp: 57898

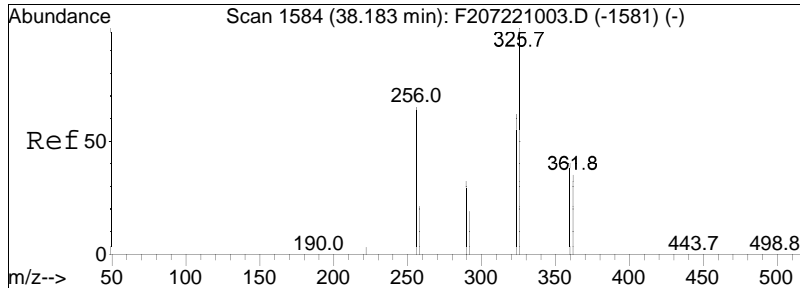




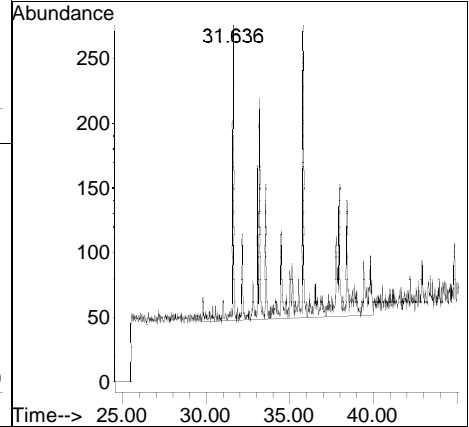
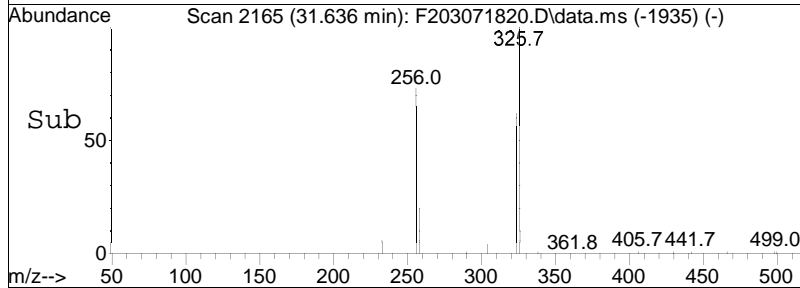
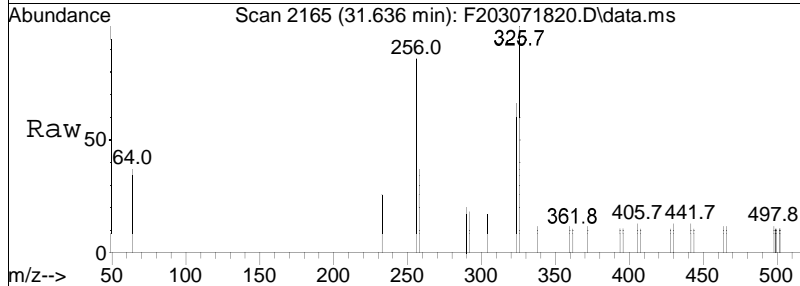
#106
 Pentachlorobiphenyls
 Concen: 8.90 ng/mL M5
 RT: 31.636 min Scan# 2165
 Delta R.T. -2.628 min
 Lab File: F203071820.D
 Acq: 8 Mar 2018 9:35 am

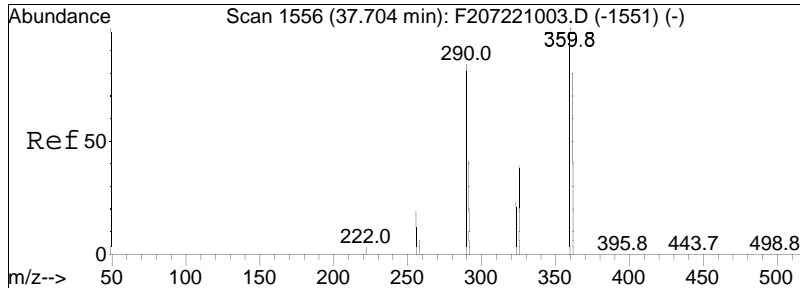
Tgt Ion: 326 Resp: 9241
 Ion Ratio Lower Upper
 326 100
 324 3.8 48.7 73.1#





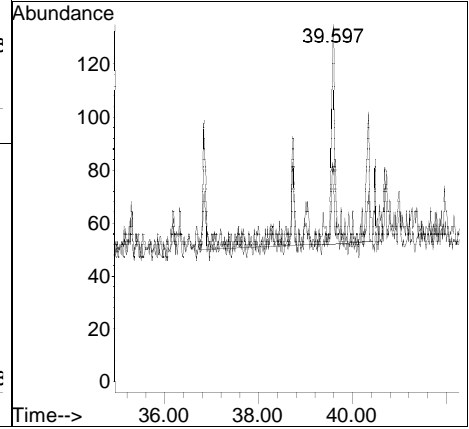
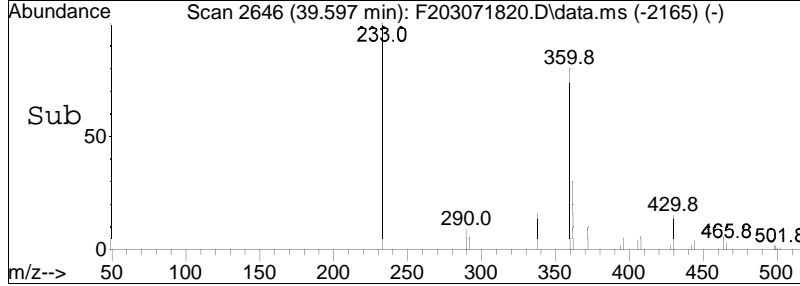
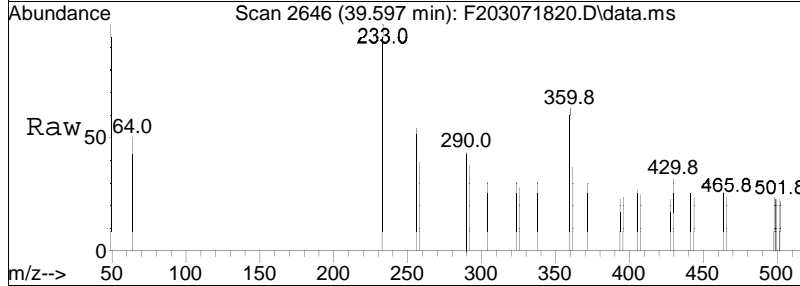
#107
 Cl5-Conf Ion
 Concen: 8.33 ng/mL M5
 RT: 31.636 min Scan# 2165
 Delta R.T. -6.012 min
 Lab File: F203071820.D
 Acq: 8 Mar 2018 9:35 am
 Tgt Ion:324 Resp: 8642

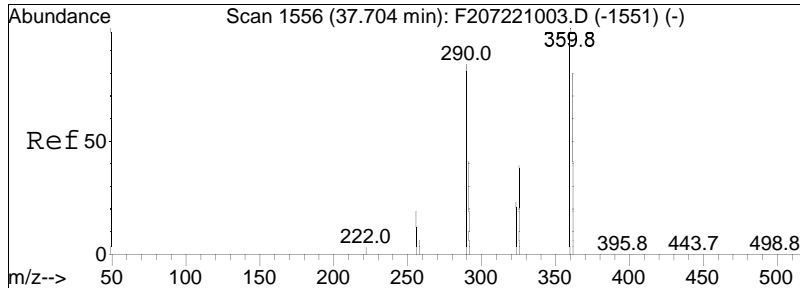




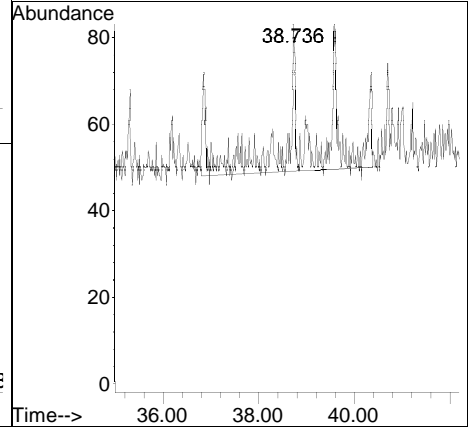
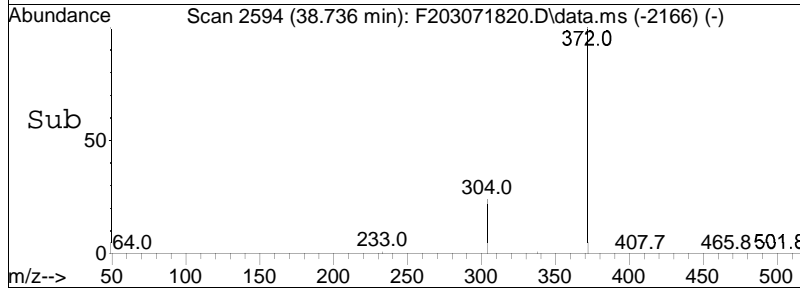
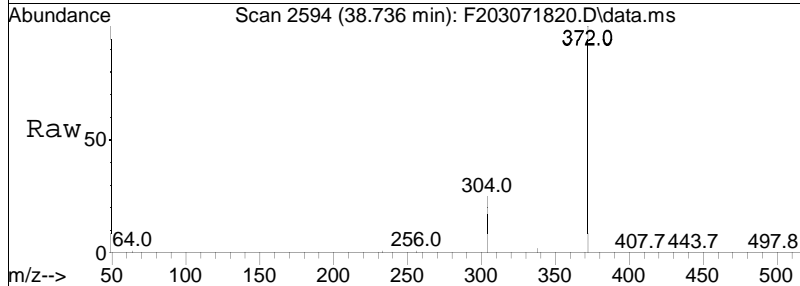
#112
 Hexachlorobiphenyls
 Concen: 1.51 ng/mL M5
 RT: 39.597 min Scan# 2646
 Delta R.T. 2.477 min
 Lab File: F203071820.D
 Acq: 8 Mar 2018 9:35 am

Tgt Ion: 360 Resp: 1508
 Ion Ratio Lower Upper
 360 100
 362 0.0 63.7 95.5#





#113
 Cl6-Conf Ion
 Concen: 1.11 ng/mL M5
 RT: 38.736 min Scan# 2594
 Delta R.T. 1.616 min
 Lab File: F203071820.D
 Acq: 8 Mar 2018 9:35 am
 Tgt Ion:362 Resp: 1111



Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071821.D
 Acq On : 8 Mar 2018 10:49 am
 Operator : BNA2:MJS
 Sample : L1806872-09,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 09 13:19:54 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Homologs - Homologs Only

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.864	234	382102	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.876	406	201216	200.000	ng/mL	0.00	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.944	268	57148	85.052	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	85.05%			
93) C15-BZ#101-C13 (surr)	33.192	338	89674	91.308	ng/mL	0.02	
Spiked Amount	100.000	Range 50 - 125	Recovery =	91.31%			
151) C16-BZ#153-C13 (surr)	38.720	372	90084	97.405	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	97.41%			
177) C18-BZ#202-C13 (surr)	42.923	442	82147	86.686	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	86.69%			
Target Compounds							
4) Monochlorobiphenyls	0.000		0		N.D.	d	Qvalue
5) C11- Conf Ion	0.000		0		N.D.	d	
14) Dichlorobiphenyls	20.189	222	43234M5	28.514	ng/mL		
15) C12-Conf Ion	20.189	224	32794M5	21.628	ng/mL		
33) Trichlorobiphenyls	25.827	256	158373M5	144.402	ng/mL		
34) C13- Conf Ion	25.827	258	108982M5	99.368	ng/mL		
36) Tetrachlorobiphenyls	27.614	292	91250M5	107.839	ng/mL		
37) C14-Conf Ion	27.614	290	76106M5	89.942	ng/mL		
106) Pentachlorobiphenyls	31.636	326	12454M5	11.903	ng/mL		
107) C15-Conf Ion	31.636	324	10290M5	9.835	ng/mL		
112) Hexachlorobiphenyls	39.613	360	1987M5	1.975	ng/mL		
113) C16-Conf Ion	38.753	362	1036M5	1.030	ng/mL		
135) Heptachlorobiphenyls	0.000		0		N.D.	d	
136) C17-Conf Ion	0.000		0		N.D.	d	
181) Octachlorobiphenyls	0.000		0		N.D.	d	
182) C18-Conf Ion	0.000		0		N.D.	d	
208) Nonachlorobiphenyls	0.000		0		N.D.	d	
209) C19-Conf Ion	0.000		0		N.D.	d	
211) Decachlorobiphenyl	0.000		0		N.D.	d	
212) C110-Conf Ion	0.000		0		N.D.	d	

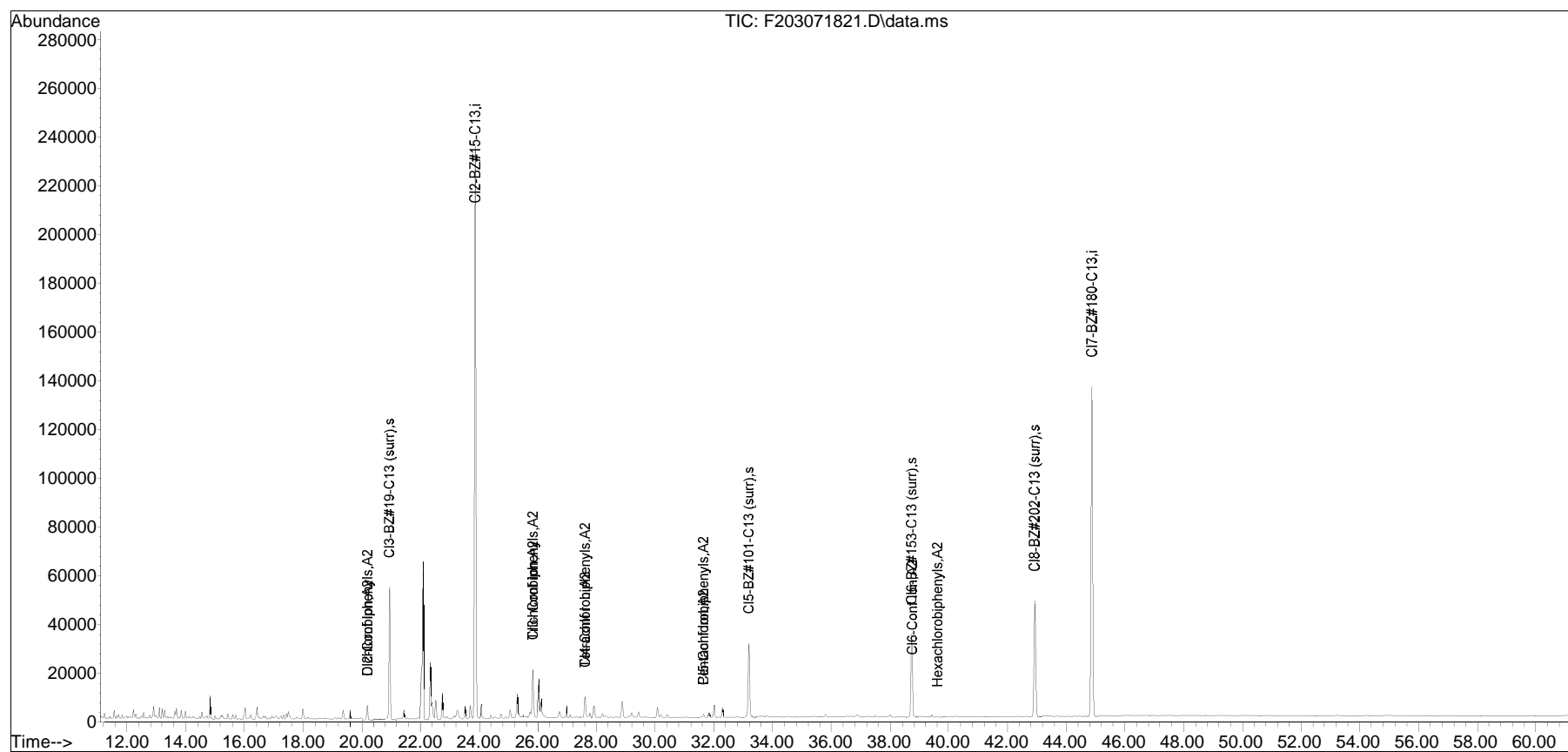
(#) = qualifier out of range (m) = manual integration (+) = signals summed

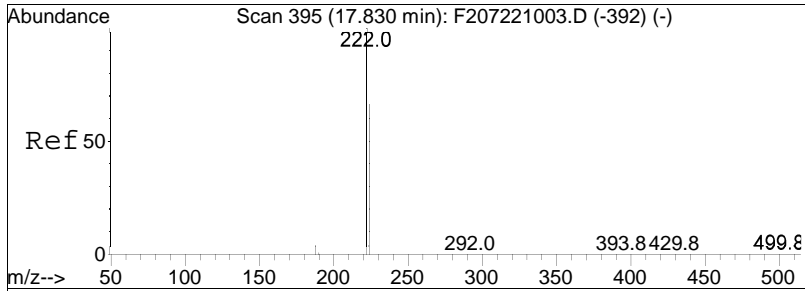
Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071821.D
 Acq On : 8 Mar 2018 10:49 am
 Operator : BNA2:MJS
 Sample : L1806872-09,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 09 13:19:54 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

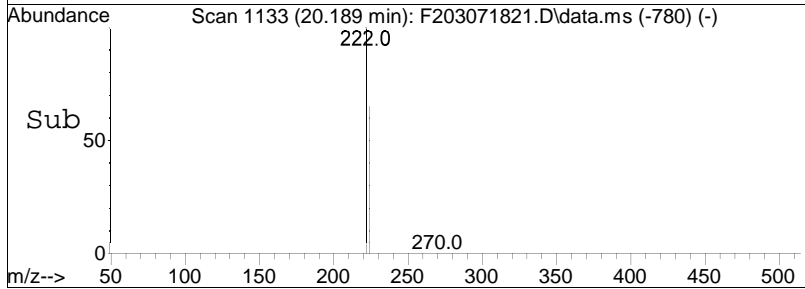
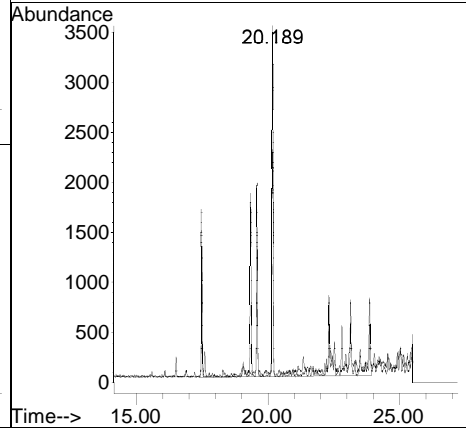
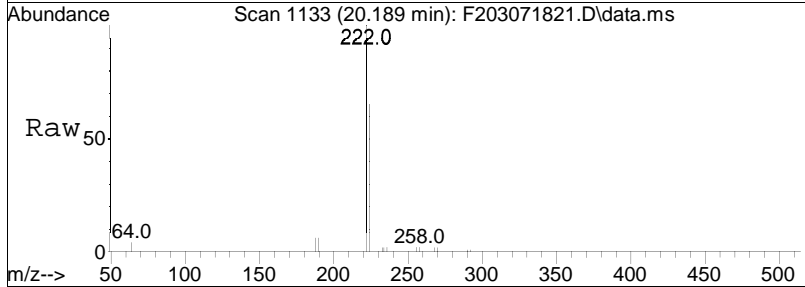
Sub List : Homologs - Homologs Only

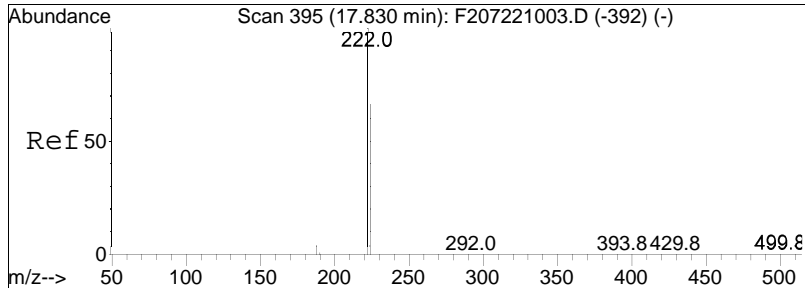




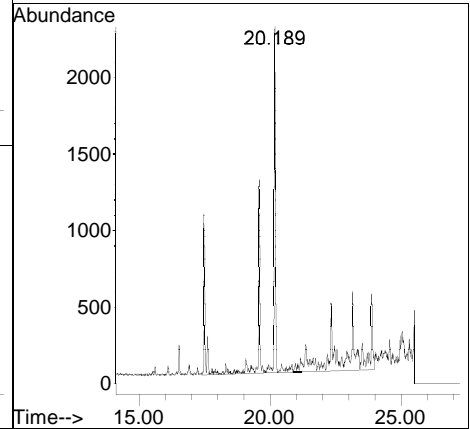
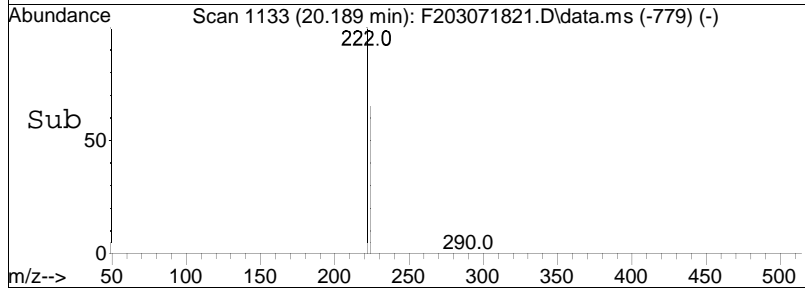
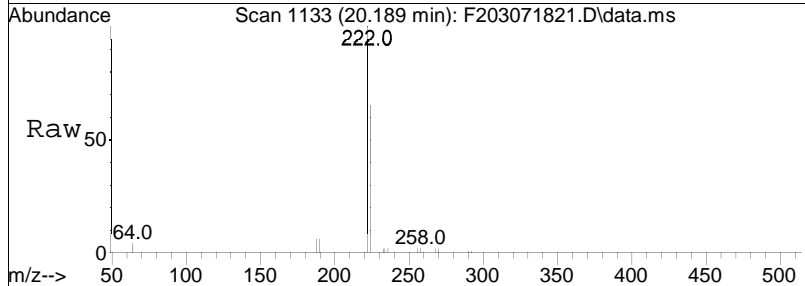
#14
 Dichlorobiphenyls
 Concen: 28.51 ng/mL M5
 RT: 20.189 min Scan# 1133
 Delta R.T. 2.637 min
 Lab File: F203071821.D
 Acq: 8 Mar 2018 10:49 am

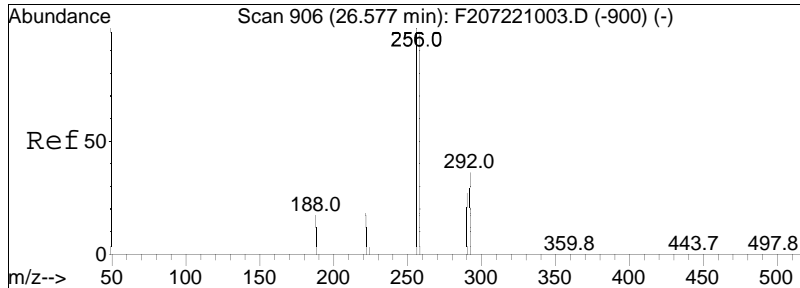
Tgt Ion: 222 Resp: 43234
 Ion Ratio Lower Upper
 222 100
 224 6.2 52.1 78.1#





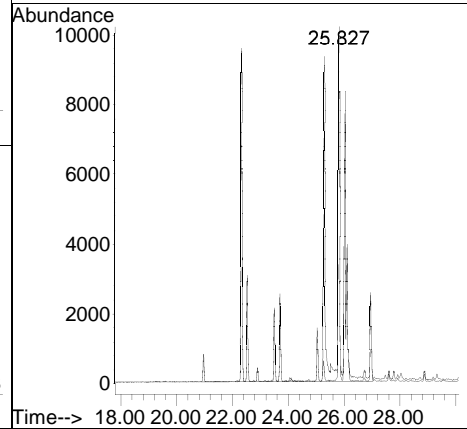
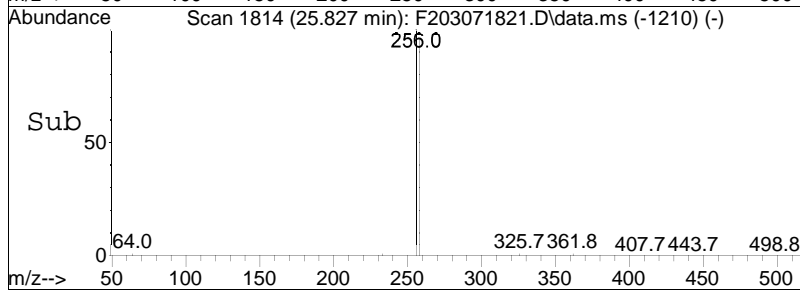
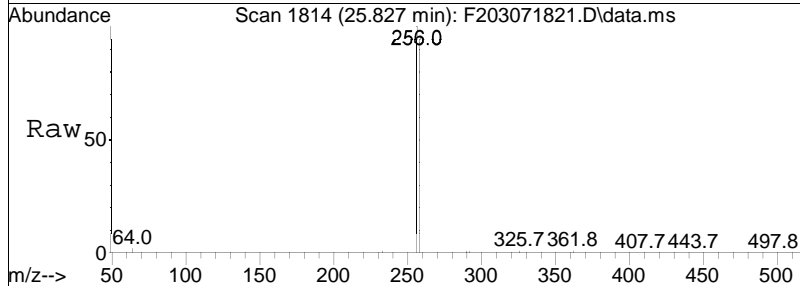
#15
 Cl2-Conf Ion
 Concen: 21.63 ng/mL M5
 RT: 20.189 min Scan# 1133
 Delta R.T. 2.637 min
 Lab File: F203071821.D
 Acq: 8 Mar 2018 10:49 am
 Tgt Ion: 224 Resp: 32794

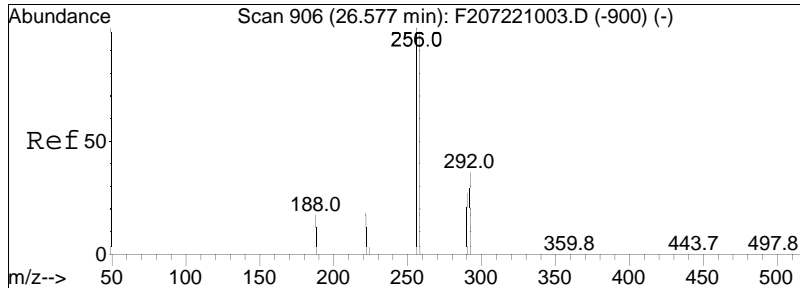




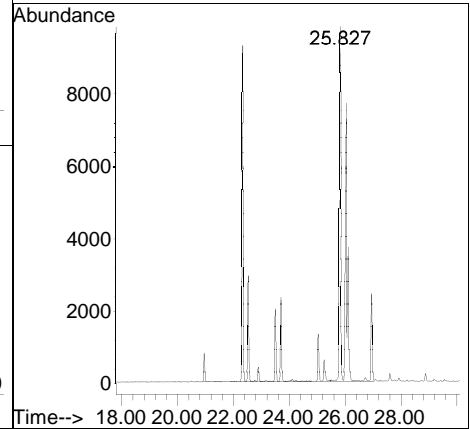
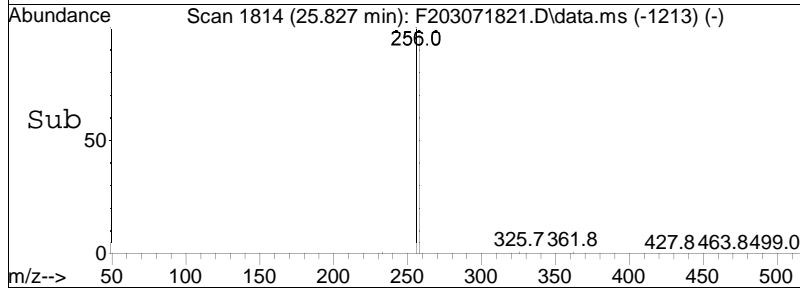
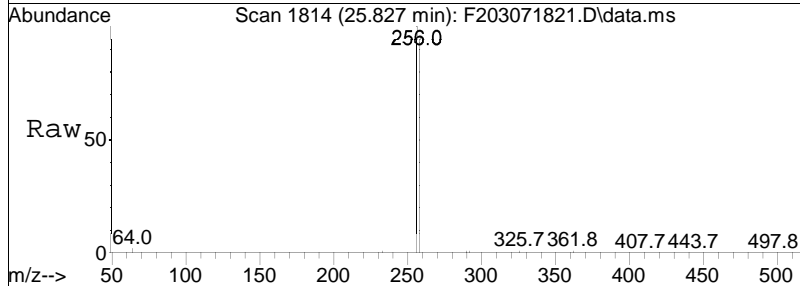
#33
 Trichlorobiphenyls
 Concen: 144.40 ng/mL M5
 RT: 25.827 min Scan# 1814
 Delta R.T. -0.383 min
 Lab File: F203071821.D
 Acq: 8 Mar 2018 10:49 am

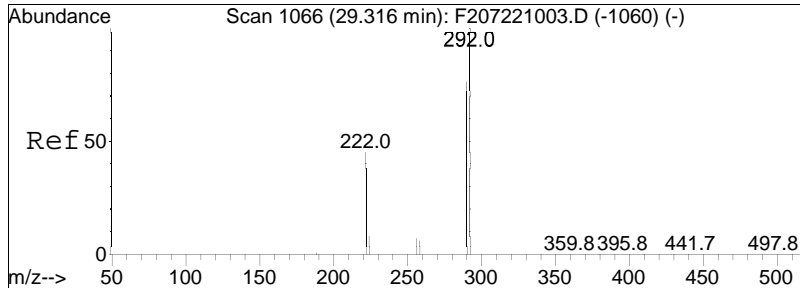
Tgt Ion	Resp	Lower	Upper
256	100		
258	7.0	76.8	115.2#





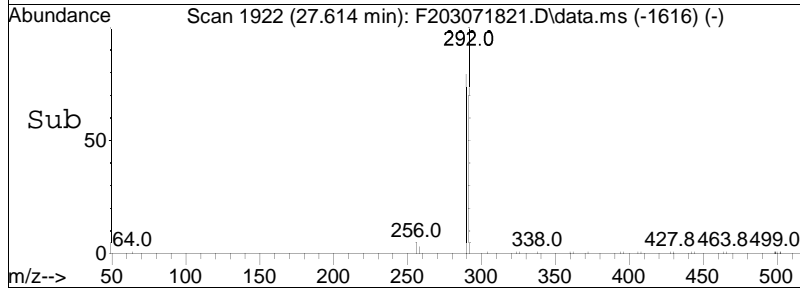
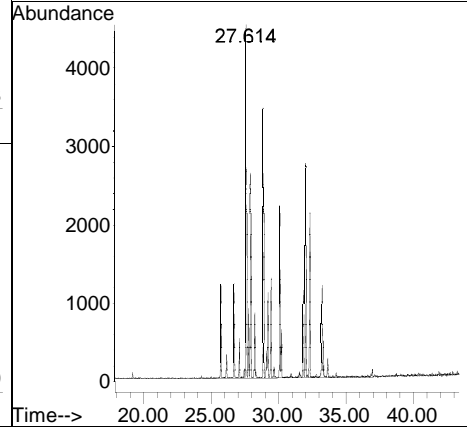
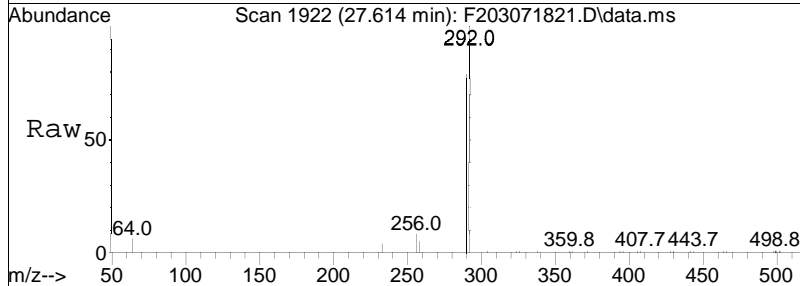
#34
 Cl3- Conf Ion
 Concen: 99.37 ng/mL M5
 RT: 25.827 min Scan# 1814
 Delta R.T. -0.383 min
 Lab File: F203071821.D
 Acq: 8 Mar 2018 10:49 am
 Tgt Ion: 258 Resp: 108982

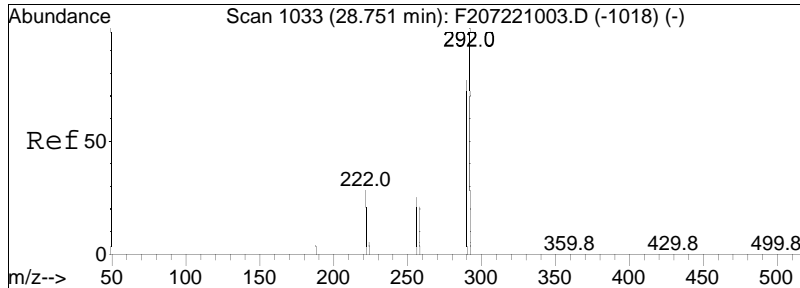




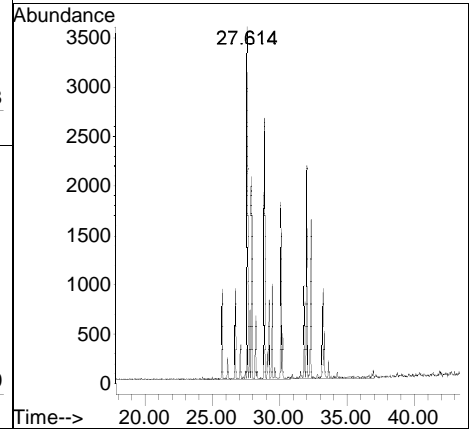
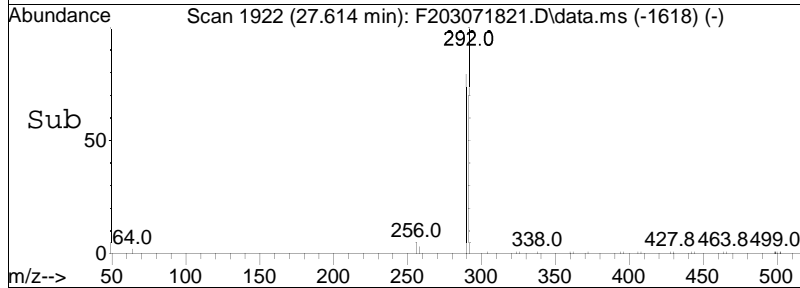
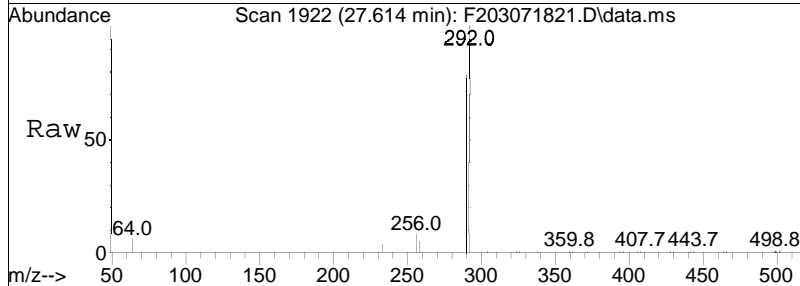
#36
 Tetrachlorobiphenyls
 Concen: 107.84 ng/mL M5
 RT: 27.614 min Scan# 1922
 Delta R.T. -0.758 min
 Lab File: F203071821.D
 Acq: 8 Mar 2018 10:49 am

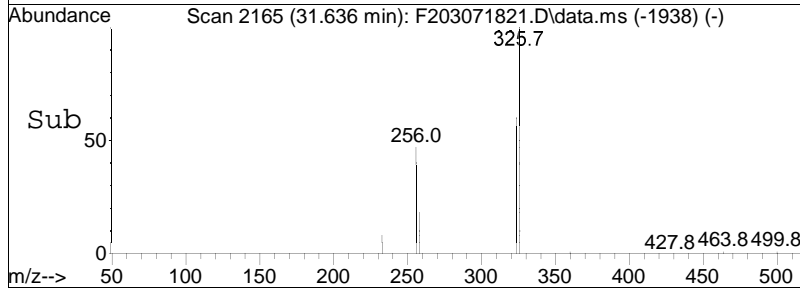
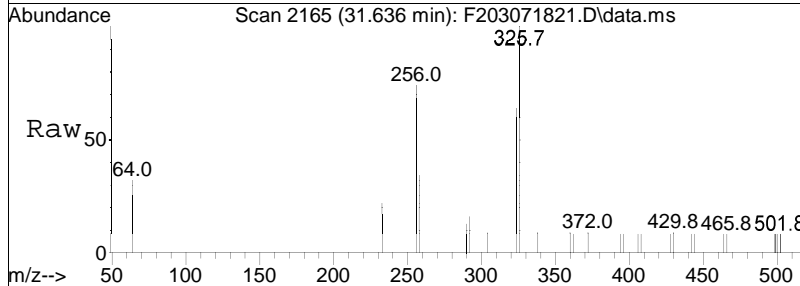
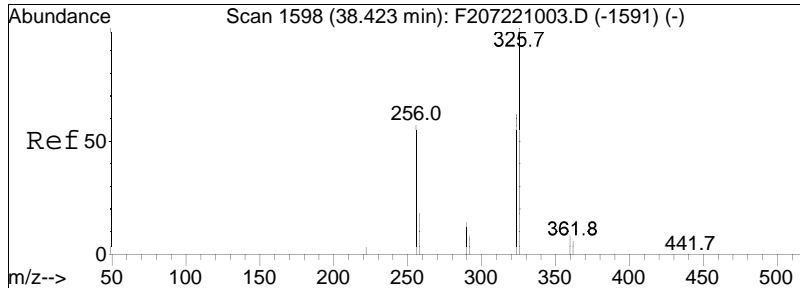
Tgt Ion	Resp	Lower	Upper
292	100		
290	2.5	61.0	91.4#





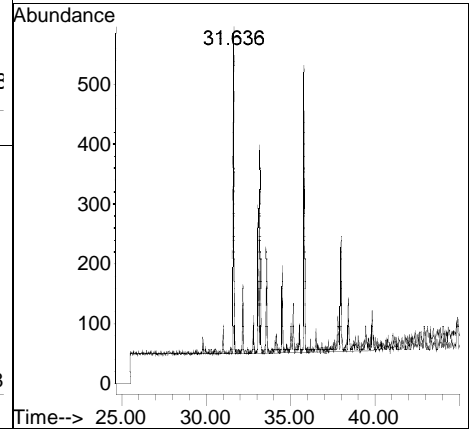
#37
 Cl4-Conf Ion
 Concen: 89.94 ng/mL M5
 RT: 27.614 min Scan# 1922
 Delta R.T. -0.741 min
 Lab File: F203071821.D
 Acq: 8 Mar 2018 10:49 am
 Tgt Ion: 290 Resp: 76106

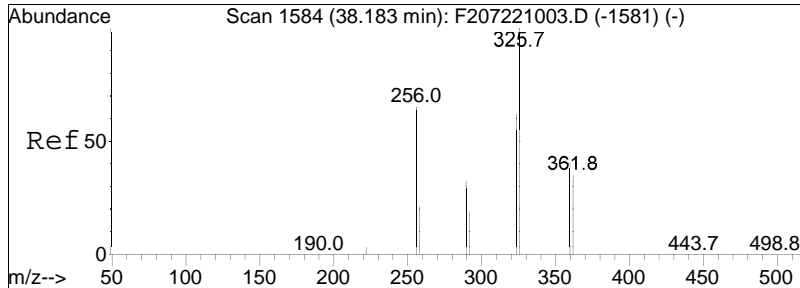




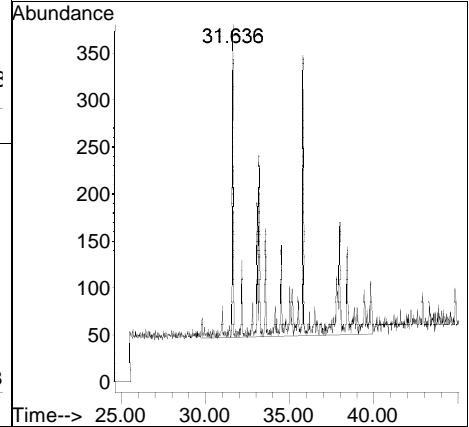
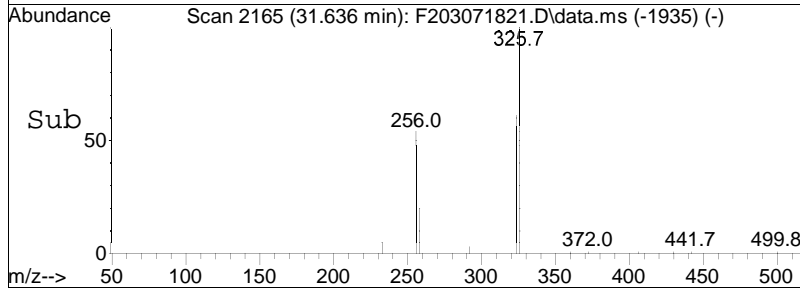
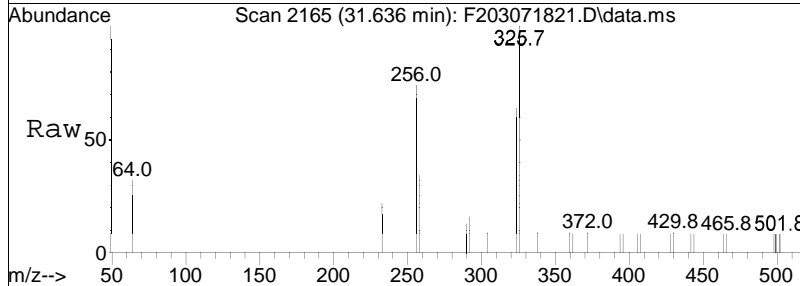
#106
 Pentachlorobiphenyls
 Concen: 11.90 ng/mL M5
 RT: 31.636 min Scan# 2165
 Delta R.T. -2.628 min
 Lab File: F203071821.D
 Acq: 8 Mar 2018 10:49 am

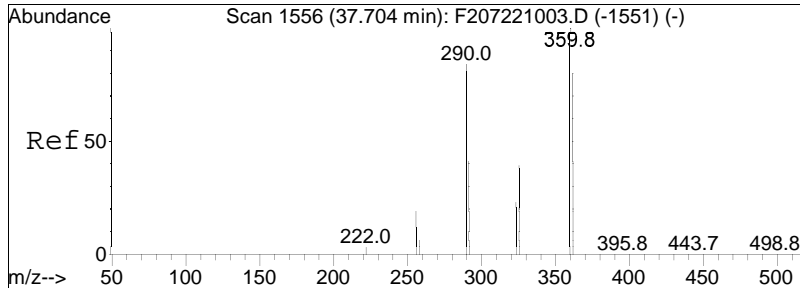
Tgt Ion: 326 Resp: 12454
 Ion Ratio Lower Upper
 326 100
 324 2.5 48.7 73.1#





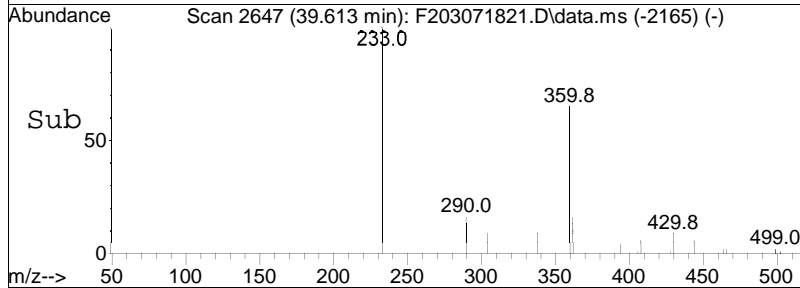
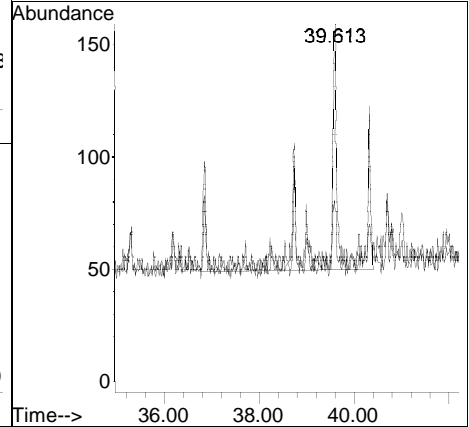
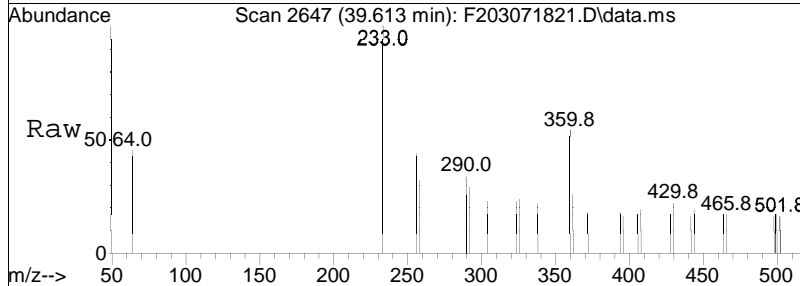
#107
 Cl5-Conf Ion
 Concen: 9.83 ng/mL M5
 RT: 31.636 min Scan# 2165
 Delta R.T. -6.012 min
 Lab File: F203071821.D
 Acq: 8 Mar 2018 10:49 am
 Tgt Ion:324 Resp: 10290

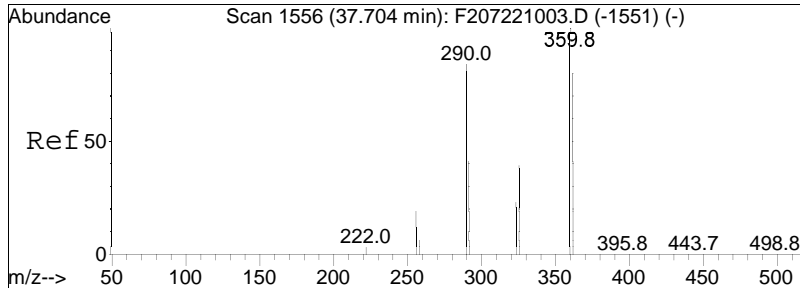




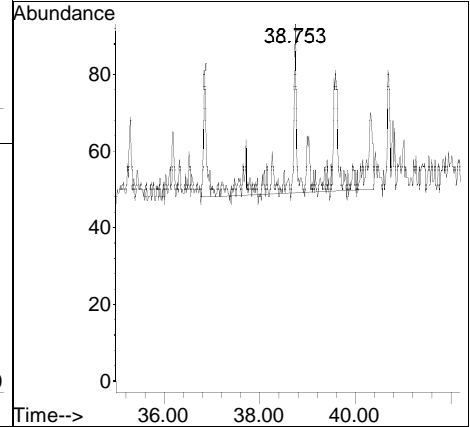
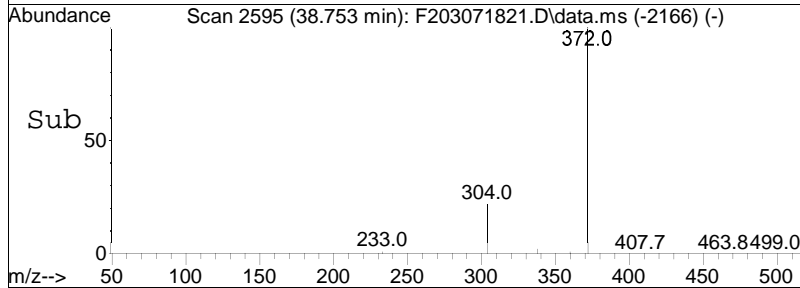
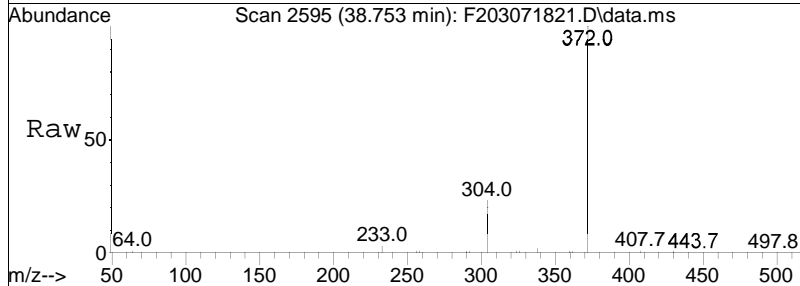
#112
 Hexachlorobiphenyls
 Concen: 1.98 ng/mL M5
 RT: 39.613 min Scan# 2647
 Delta R.T. 2.493 min
 Lab File: F203071821.D
 Acq: 8 Mar 2018 10:49 am

Tgt Ion: 360 Resp: 1987
 Ion Ratio Lower Upper
 360 100
 362 8.8 63.7 95.5#





#113
 Cl6-Conf Ion
 Concen: 1.03 ng/mL M5
 RT: 38.753 min Scan# 2595
 Delta R.T. 1.633 min
 Lab File: F203071821.D
 Acq: 8 Mar 2018 10:49 am
 Tgt Ion:362 Resp: 1036



Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071822.D
 Acq On : 8 Mar 2018 12:03 pm
 Operator : BNA2:MJS
 Sample : L1806872-10,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 09 13:49:45 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Homologs - Homologs Only

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.863	234	378628	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.876	406	198366	200.000	ng/mL	0.00	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.944	268	52311	78.568	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	78.57%			
93) C15-BZ#101-C13 (surr)	33.191	338	88432	90.869	ng/mL	0.02	
Spiked Amount	100.000	Range 50 - 125	Recovery =	90.87%			
151) C16-BZ#153-C13 (surr)	38.719	372	89831	98.527	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	98.53%			
177) C18-BZ#202-C13 (surr)	42.923	442	81810	87.570	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	87.57%			
Target Compounds							
4) Monochlorobiphenyls	0.000		0		N.D.	d	Qvalue
5) C11- Conf Ion	0.000		0		N.D.	d	
14) Dichlorobiphenyls	20.180	222	35883M5	23.883	ng/mL		
15) C12-Conf Ion	20.180	224	24863M5	16.548	ng/mL		
33) Trichlorobiphenyls	25.826	256	110526M5	101.700	ng/mL		
34) C13- Conf Ion	25.826	258	102909M5	94.692	ng/mL		
36) Tetrachlorobiphenyls	27.614	292	133311M5	158.993	ng/mL		
37) C14-Conf Ion	27.597	290	111461M5	132.933	ng/mL		
106) Pentachlorobiphenyls	35.807	326	24190M5	23.332	ng/mL		
107) C15-Conf Ion	35.807	324	21306M5	20.550	ng/mL		
112) Hexachlorobiphenyls	38.736	360	5665M5	5.683	ng/mL		
113) C16-Conf Ion	38.753	362	5112M5	5.129	ng/mL		
135) Heptachlorobiphenyls	44.893	394	3228M5	3.174	ng/mL		
136) C17-Conf Ion	44.893	396	3009M5	2.959	ng/mL		
181) Octachlorobiphenyls	46.780	428	3223M5	3.709	ng/mL		
182) C18-Conf Ion	46.763	430	10093M5	11.614	ng/mL		
208) Nonachlorobiphenyls	54.045	464	176		N.D.		
209) C19-Conf Ion	54.045	466	110		N.D.		
211) Decachlorobiphenyl	56.296	498	172		N.D.		
212) C110-Conf Ion	56.313	500	138		N.D.		

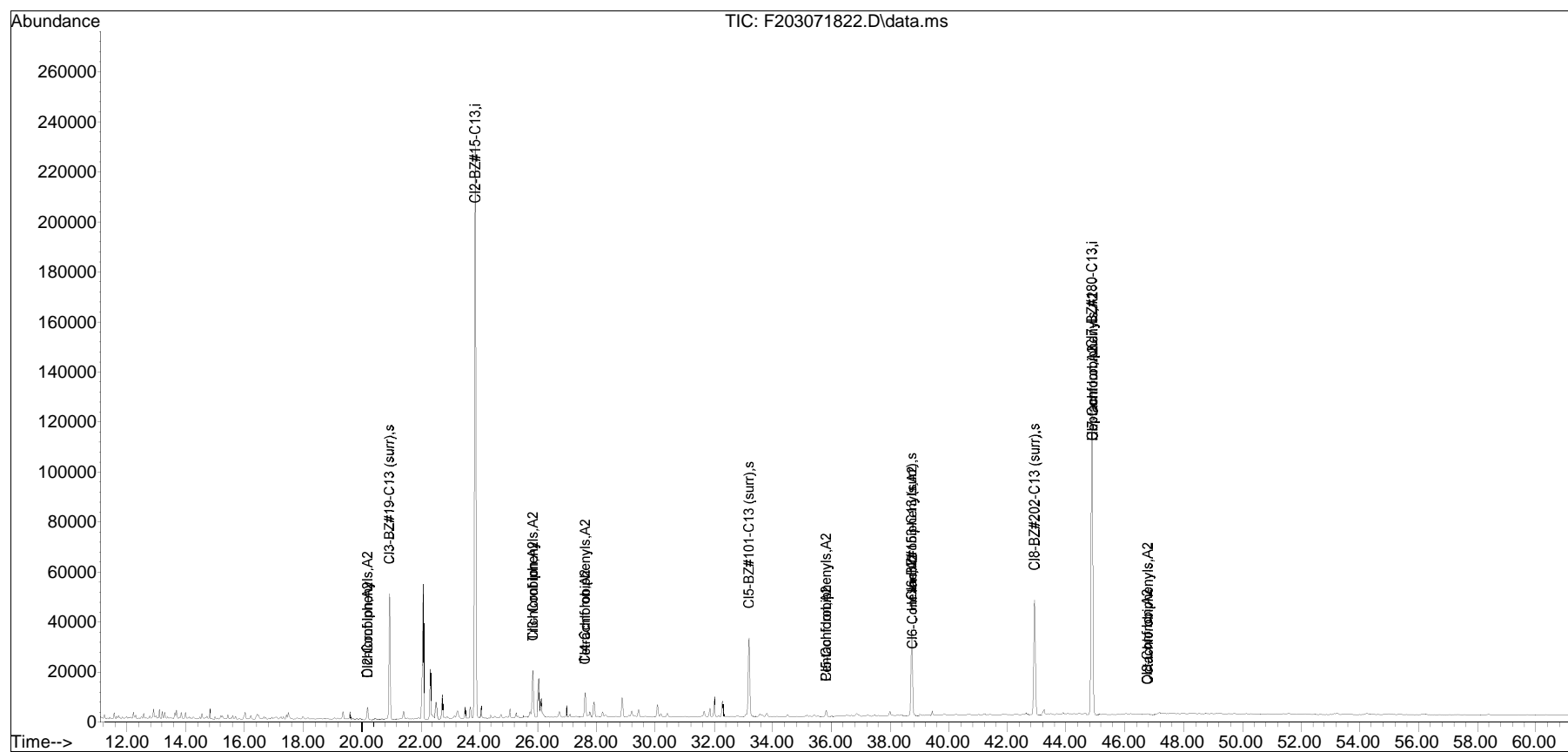
(#) = qualifier out of range (m) = manual integration (+) = signals summed

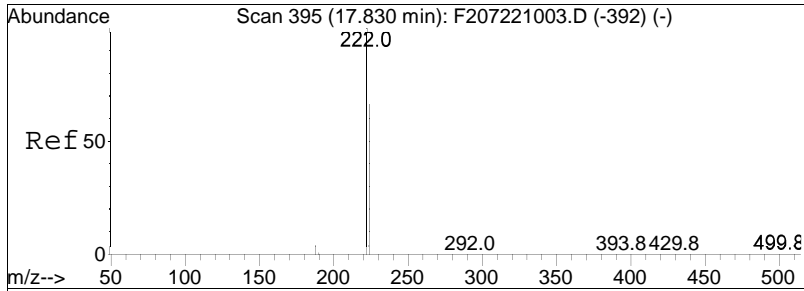
Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
Data File : F203071822.D
Acq On : 8 Mar 2018 12:03 pm
Operator : BNA2:MJS
Sample : L1806872-10,HN
Misc : WG1095518,WG1094741,ICAL14481
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 09 13:49:45 2018
Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
Quant Title : Method 680 PCB's by GC/MS
QLast Update : Thu Mar 08 11:02:39 2018
Response via : Initial Calibration

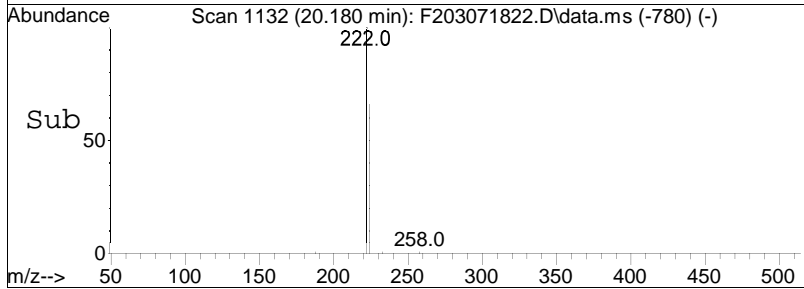
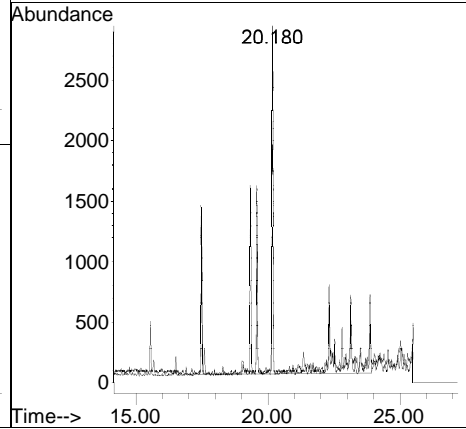
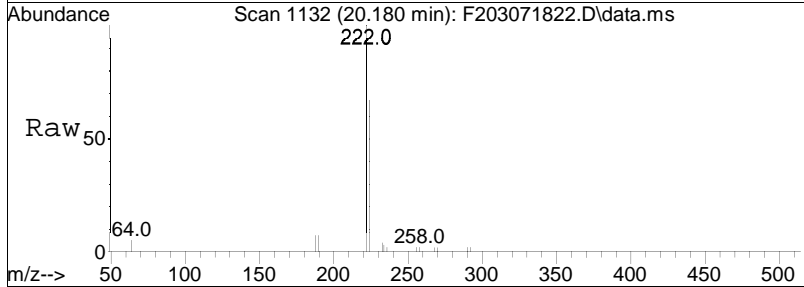
Sub List : Homologs - Homologs Only

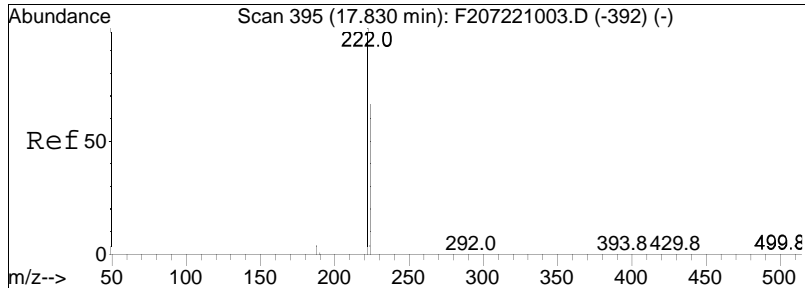




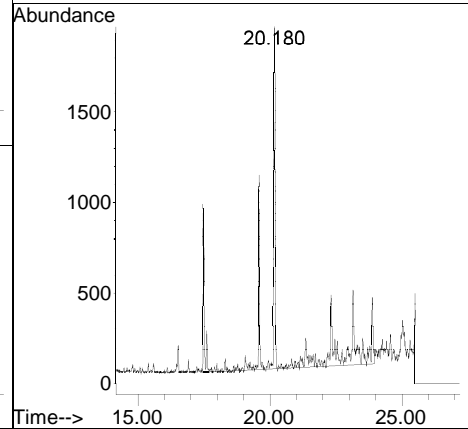
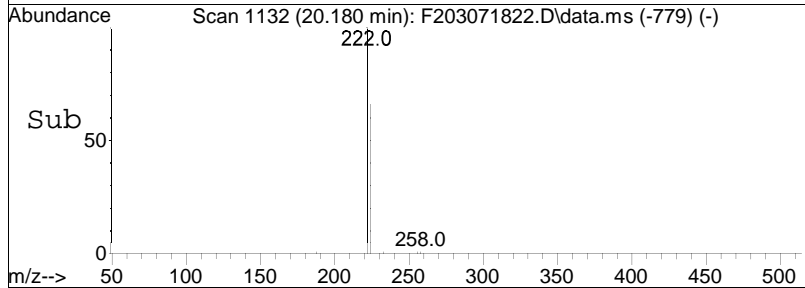
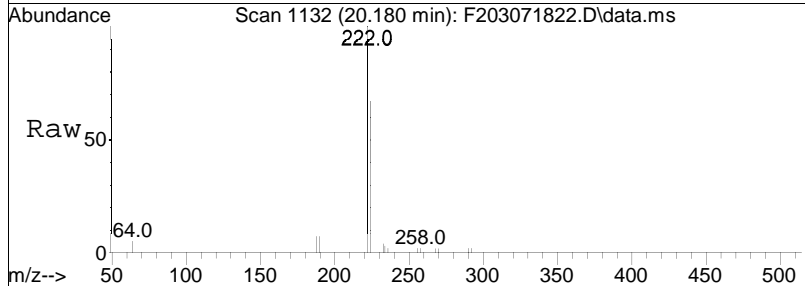
#14
 Dichlorobiphenyls
 Concen: 23.88 ng/mL M5
 RT: 20.180 min Scan# 1132
 Delta R.T. 2.628 min
 Lab File: F203071822.D
 Acq: 8 Mar 2018 12:03 pm

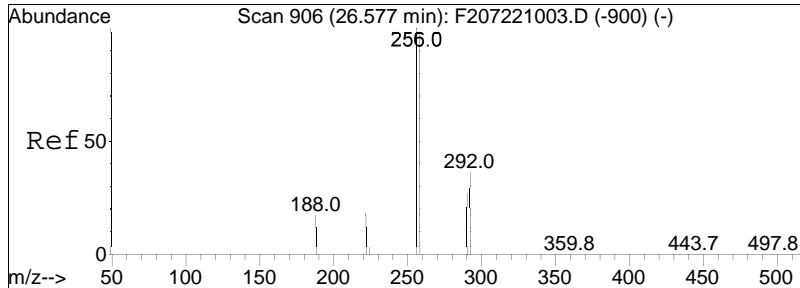
Tgt Ion: 222 Resp: 35883
 Ion Ratio Lower Upper
 222 100
 224 6.1 52.1 78.1#





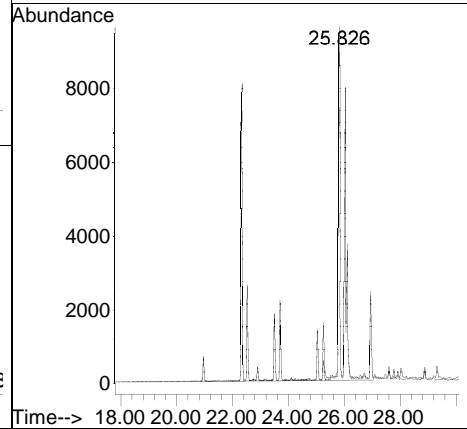
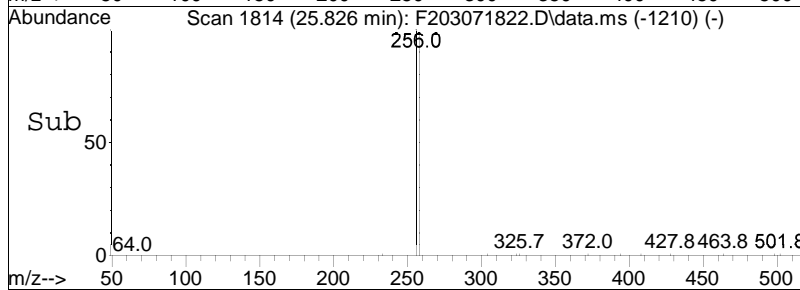
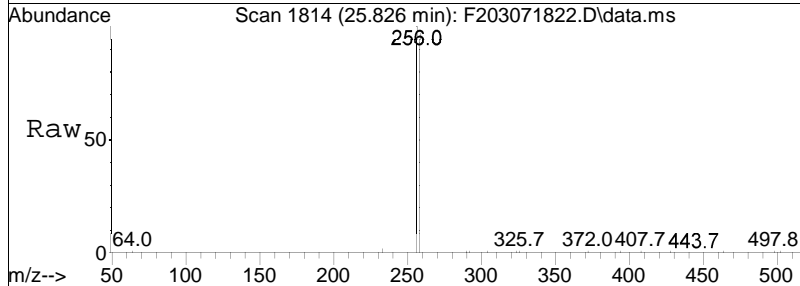
#15
 Cl2-Conf Ion
 Concen: 16.55 ng/mL M5
 RT: 20.180 min Scan# 1132
 Delta R.T. 2.628 min
 Lab File: F203071822.D
 Acq: 8 Mar 2018 12:03 pm
 Tgt Ion: 224 Resp: 24863

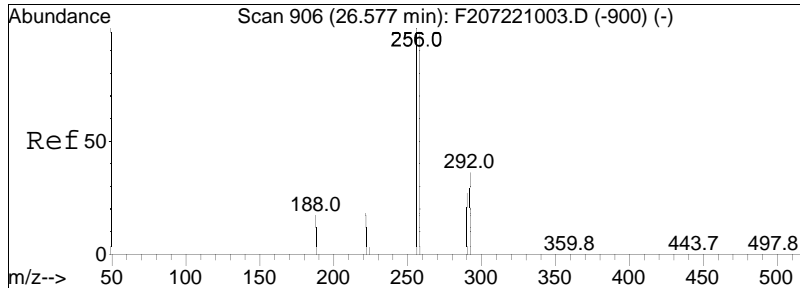




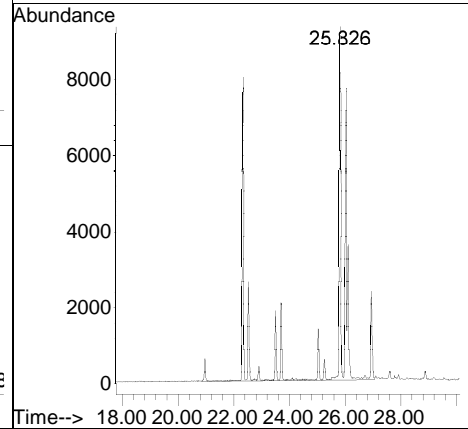
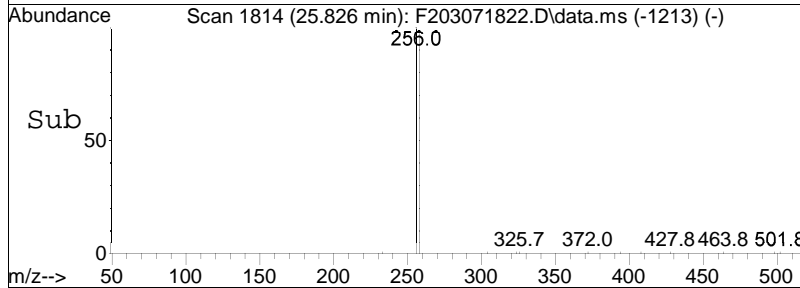
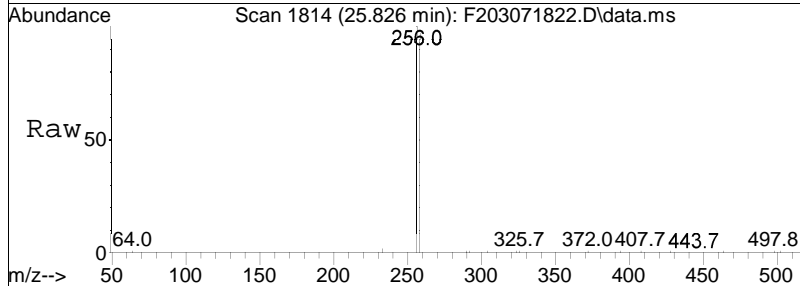
#33
 Trichlorobiphenyls
 Concen: 101.70 ng/mL M5
 RT: 25.826 min Scan# 1814
 Delta R.T. -0.384 min
 Lab File: F203071822.D
 Acq: 8 Mar 2018 12:03 pm

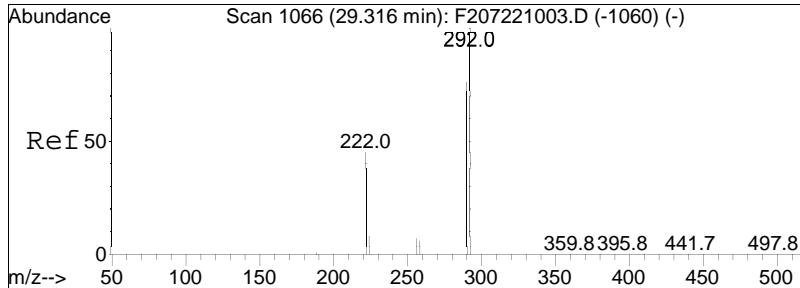
Tgt Ion	Resp	Lower	Upper
256	100		
258	9.8	76.8	115.2#





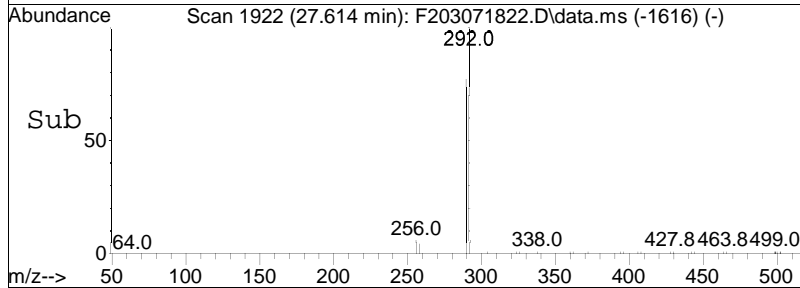
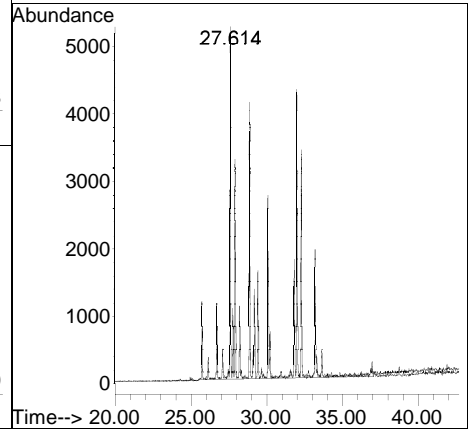
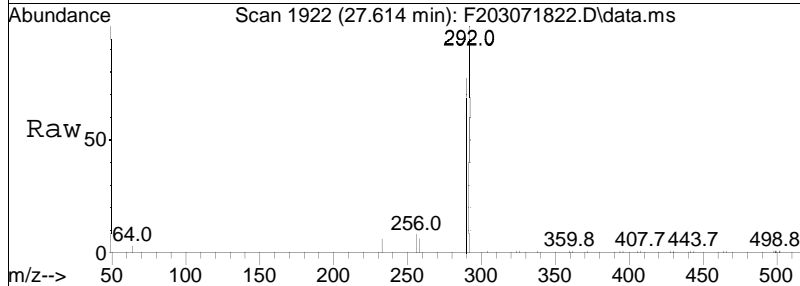
#34
 Cl3- Conf Ion
 Concen: 94.69 ng/mL M5
 RT: 25.826 min Scan# 1814
 Delta R.T. -0.384 min
 Lab File: F203071822.D
 Acq: 8 Mar 2018 12:03 pm
 Tgt Ion: 258 Resp: 102909

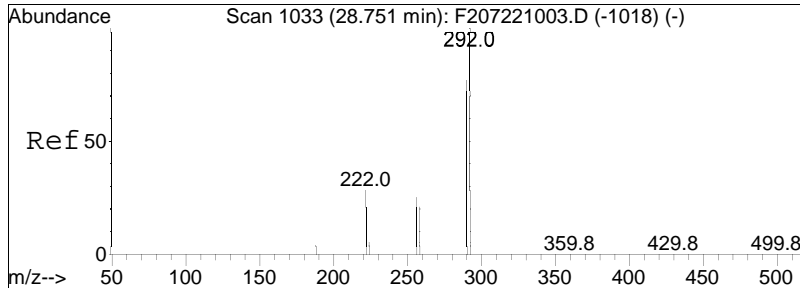




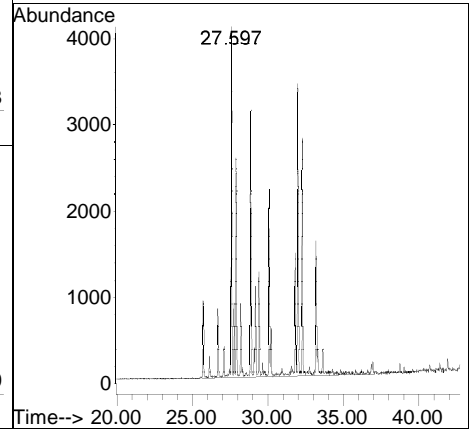
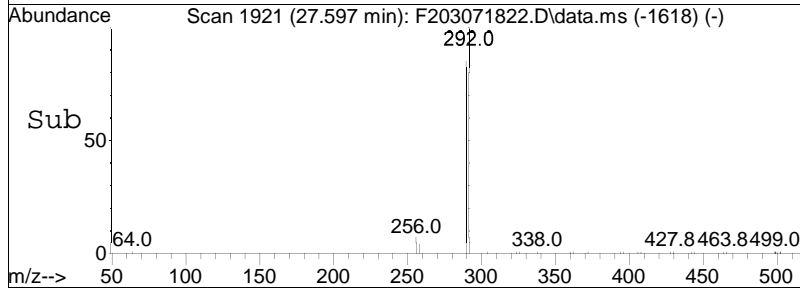
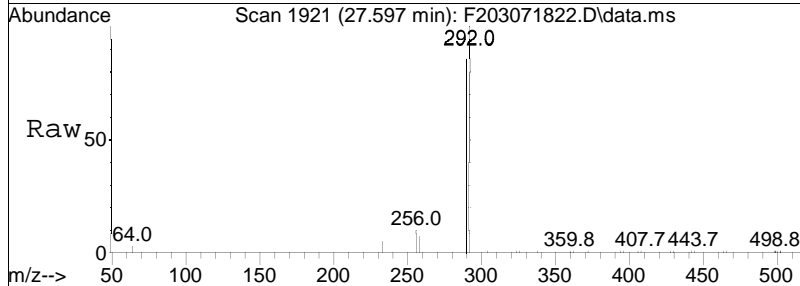
#36
 Tetrachlorobiphenyls
 Concen: 158.99 ng/mL M5
 RT: 27.614 min Scan# 1922
 Delta R.T. -0.758 min
 Lab File: F203071822.D
 Acq: 8 Mar 2018 12:03 pm

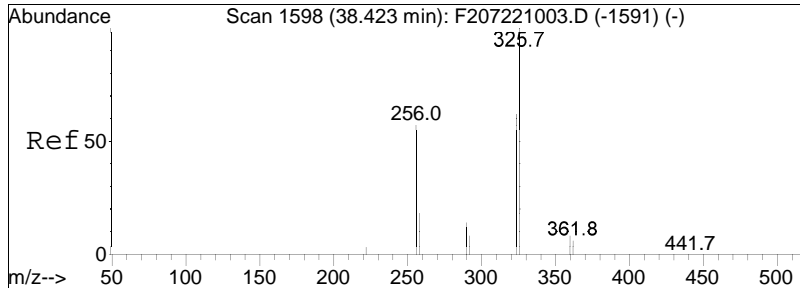
Tgt Ion	Resp	Lower	Upper
292	100		
290	2.2	61.0	91.4#





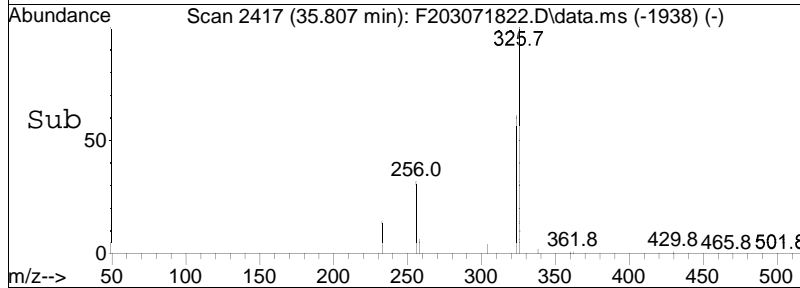
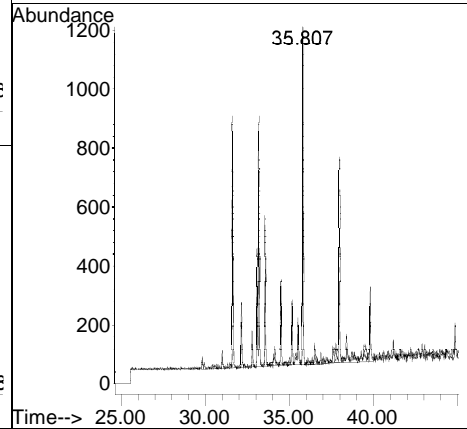
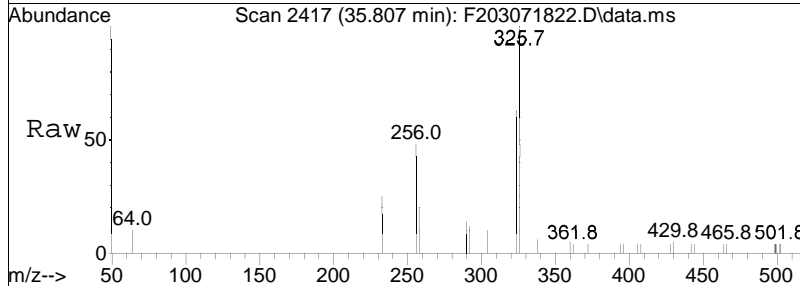
#37
 Cl4-Conf Ion
 Concen: 132.93 ng/mL M5
 RT: 27.597 min Scan# 1921
 Delta R.T. -0.758 min
 Lab File: F203071822.D
 Acq: 8 Mar 2018 12:03 pm
 Tgt Ion: 290 Resp: 111461

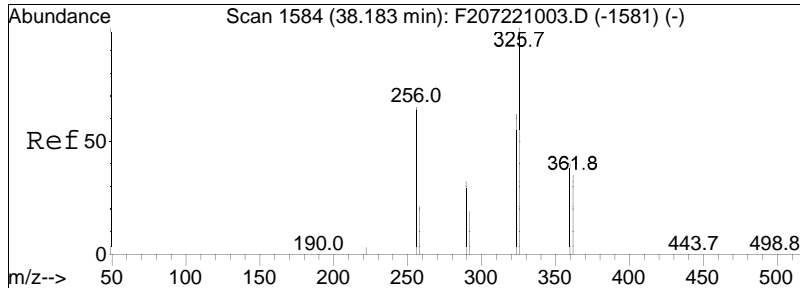




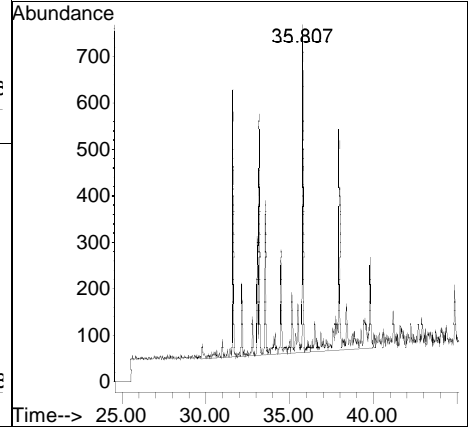
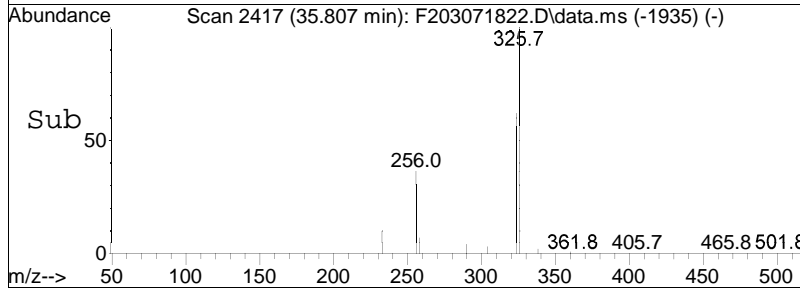
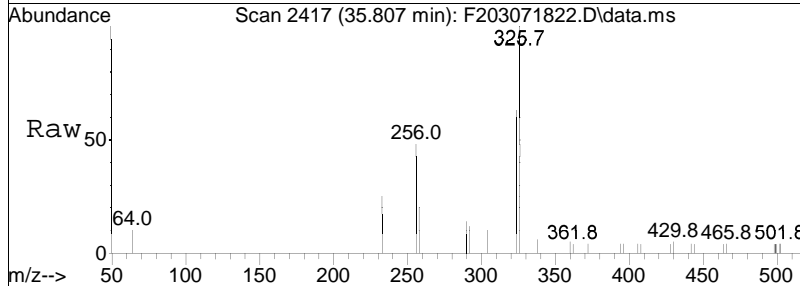
#106
 Pentachlorobiphenyls
 Concen: 23.33 ng/mL M5
 RT: 35.807 min Scan# 2417
 Delta R.T. 1.543 min
 Lab File: F203071822.D
 Acq: 8 Mar 2018 12:03 pm

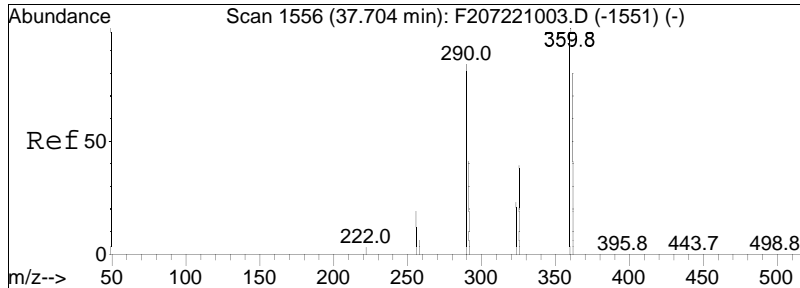
Tgt Ion: 326 Resp: 24190
 Ion Ratio Lower Upper
 326 100
 324 4.8 48.7 73.1#





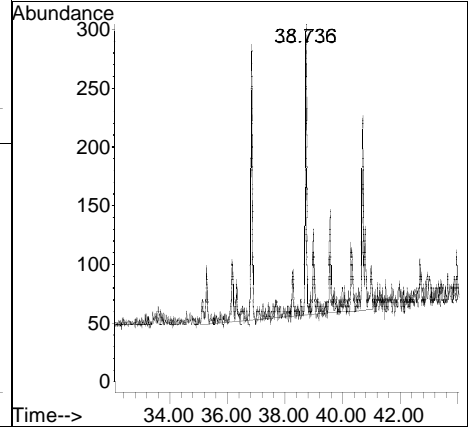
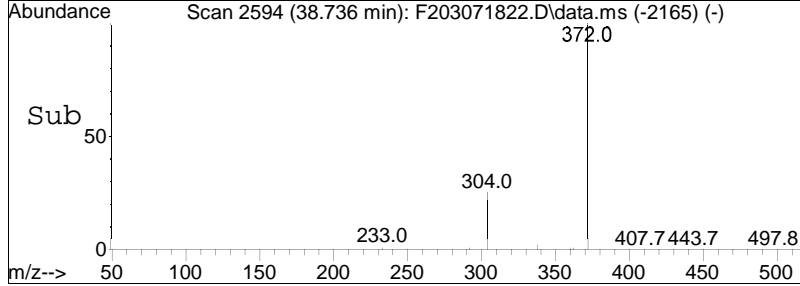
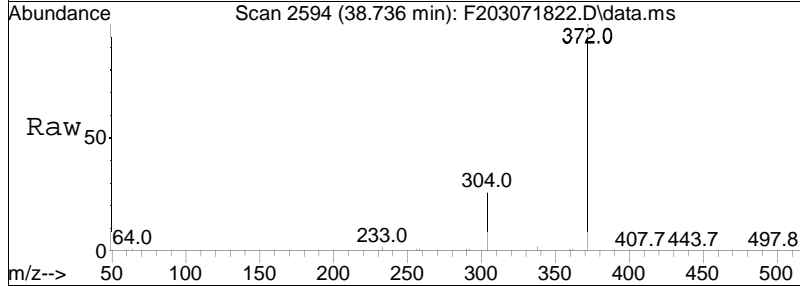
#107
 C15-Conf Ion
 Concen: 20.55 ng/mL M5
 RT: 35.807 min Scan# 2417
 Delta R.T. -1.841 min
 Lab File: F203071822.D
 Acq: 8 Mar 2018 12:03 pm
 Tgt Ion:324 Resp: 21306

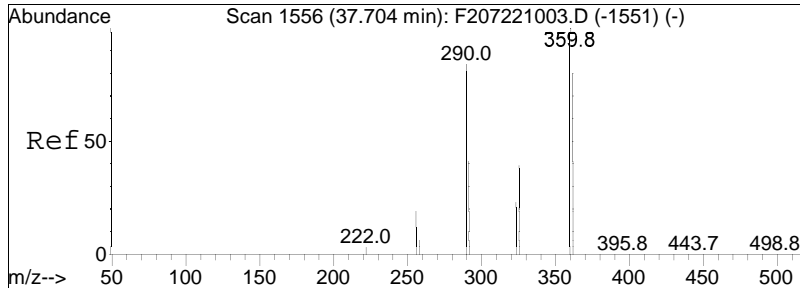




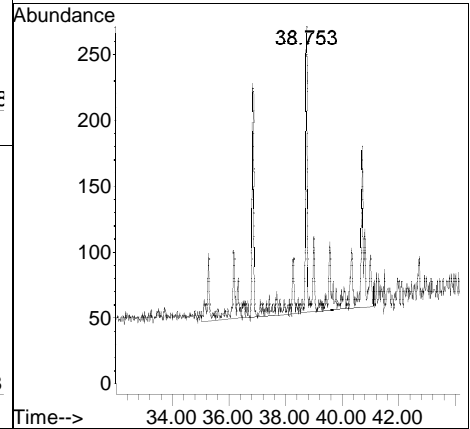
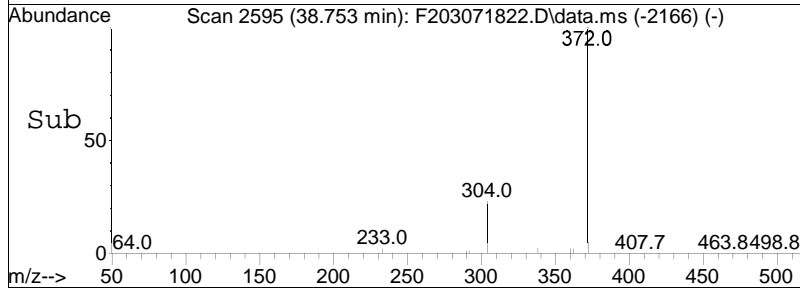
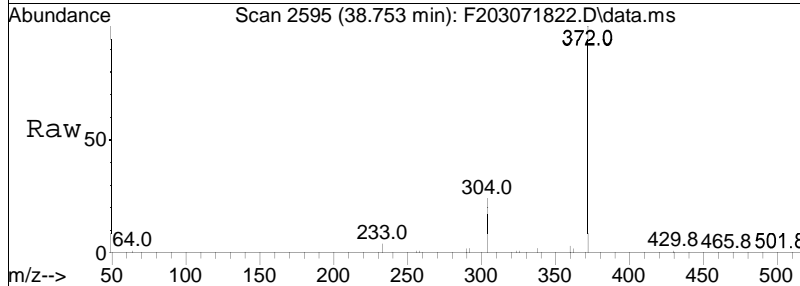
#112
 Hexachlorobiphenyls
 Concen: 5.68 ng/mL M5
 RT: 38.736 min Scan# 2594
 Delta R.T. 1.616 min
 Lab File: F203071822.D
 Acq: 8 Mar 2018 12:03 pm

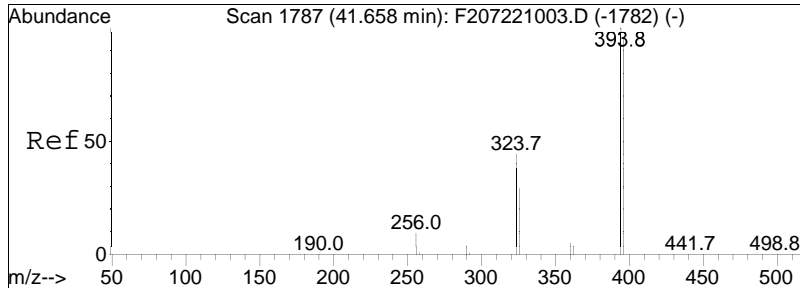
Tgt Ion	Resp	Lower	Upper
360	100		
362	13.3	63.7	95.5#





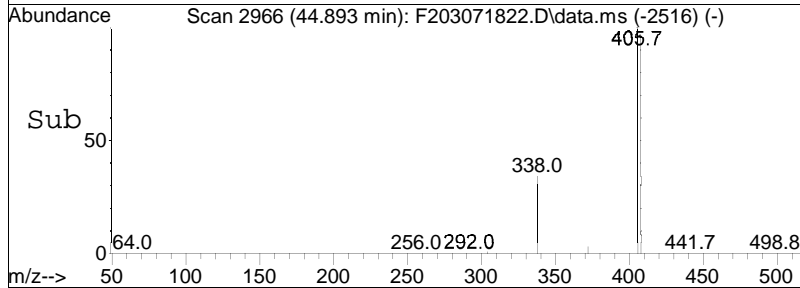
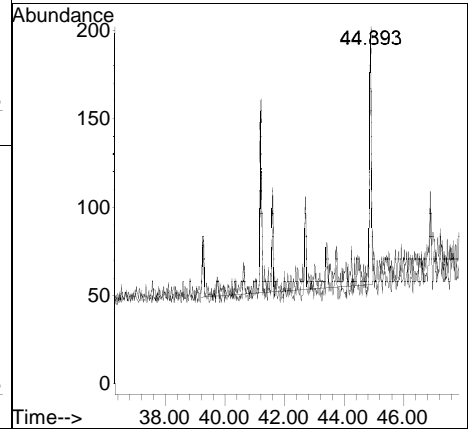
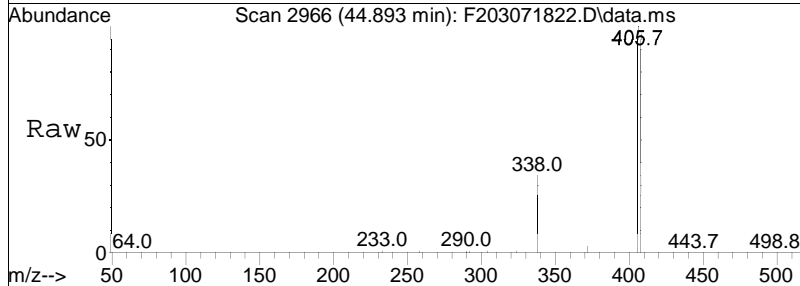
#113
 Cl6-Conf Ion
 Concen: 5.13 ng/mL M5
 RT: 38.753 min Scan# 2595
 Delta R.T. 1.633 min
 Lab File: F203071822.D
 Acq: 8 Mar 2018 12:03 pm
 Tgt Ion:362 Resp: 5112

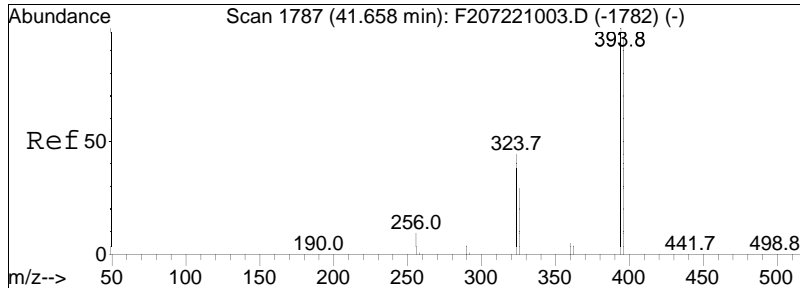




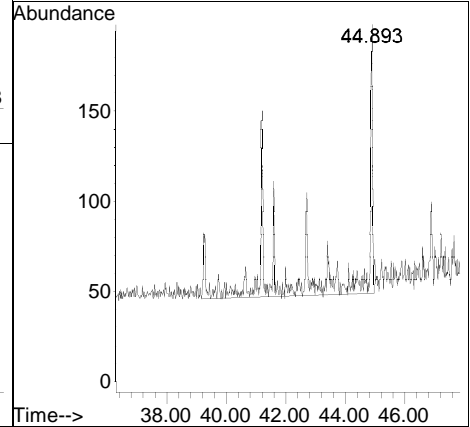
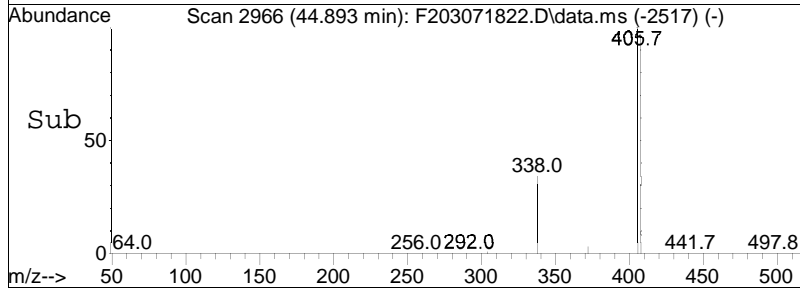
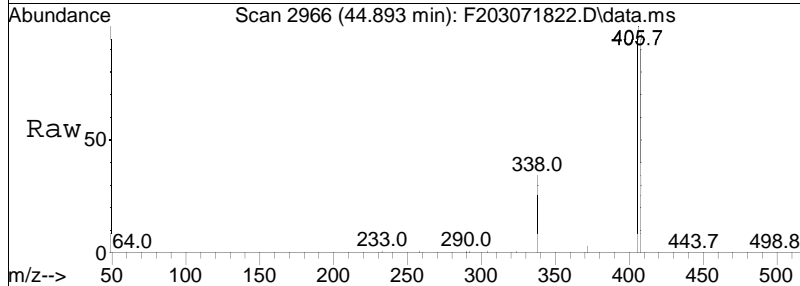
#135
 Heptachlorobiphenyls
 Concen: 3.17 ng/mL M5
 RT: 44.893 min Scan# 2966
 Delta R.T. 3.794 min
 Lab File: F203071822.D
 Acq: 8 Mar 2018 12:03 pm

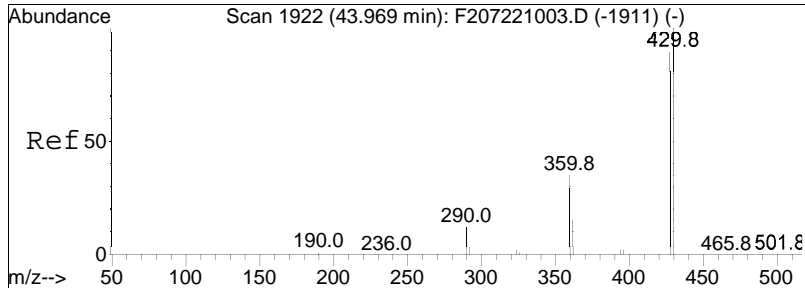
Tgt Ion: 394 Resp: 3228
 Ion Ratio Lower Upper
 394 100
 396 11.5 78.6 118.0#





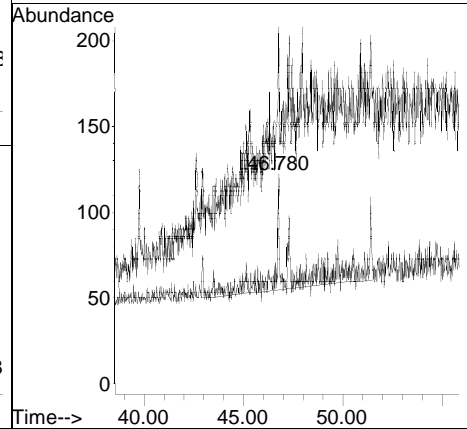
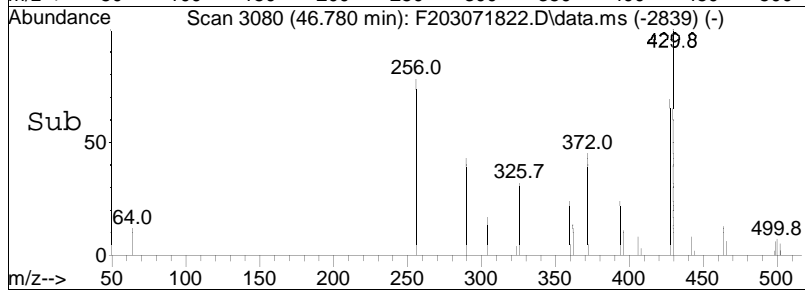
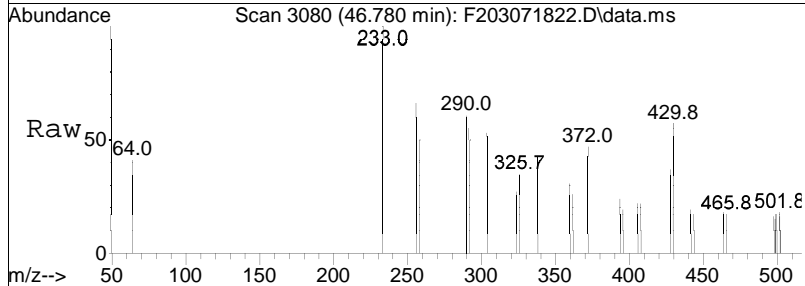
#136
 Cl7-Conf Ion
 Concen: 2.96 ng/mL M5
 RT: 44.893 min Scan# 2966
 Delta R.T. 3.794 min
 Lab File: F203071822.D
 Acq: 8 Mar 2018 12:03 pm
 Tgt Ion: 396 Resp: 3009

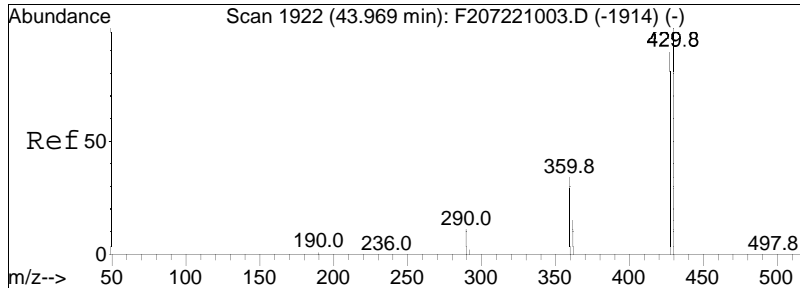




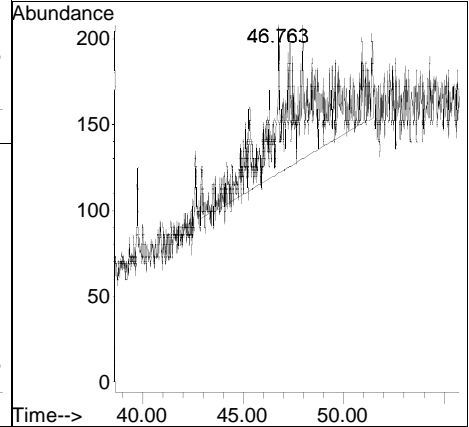
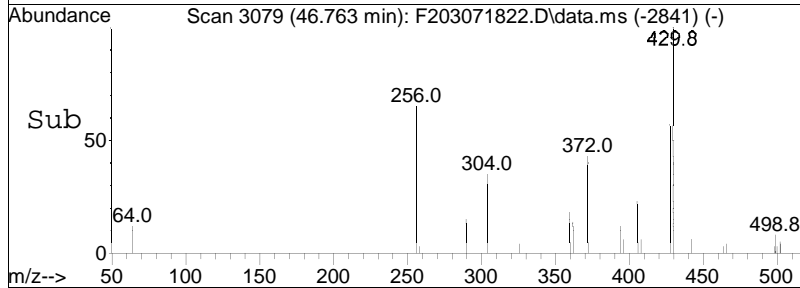
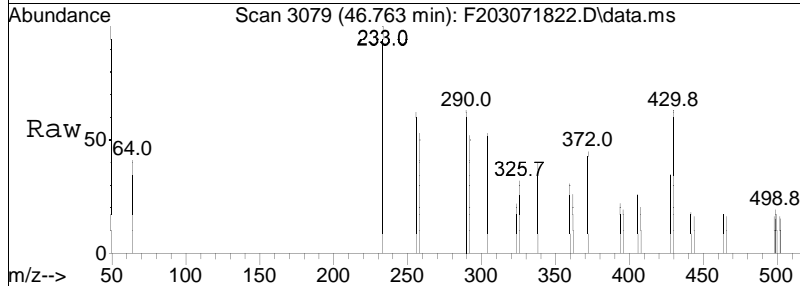
#181
 Octachlorobiphenyls
 Concen: 3.71 ng/mL M5
 RT: 46.780 min Scan# 3080
 Delta R.T. 3.202 min
 Lab File: F203071822.D
 Acq: 8 Mar 2018 12:03 pm

Tgt Ion: 428 Resp: 3223
 Ion Ratio Lower Upper
 428 100
 430 2.9 89.1 133.7#





#182
 Cl8-Conf Ion
 Concen: 11.61 ng/mL M5
 RT: 46.763 min Scan# 3079
 Delta R.T. 3.185 min
 Lab File: F203071822.D
 Acq: 8 Mar 2018 12:03 pm
 Tgt Ion:430 Resp: 10093



Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071823.D
 Acq On : 8 Mar 2018 1:18 pm
 Operator : BNA2:MJS
 Sample : L1806872-11,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 09 13:53:10 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Homologs - Homologs Only

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.856	234	376925	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.877	406	197407	200.000	ng/mL	0.00	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.944	268	50778	76.610	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	76.61%		
93) C15-BZ#101-C13 (surr)	33.192	338	84324	87.040	ng/mL	0.02	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	87.04%		
151) C16-BZ#153-C13 (surr)	38.720	372	86114	94.909	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	94.91%		
177) C18-BZ#202-C13 (surr)	42.924	442	78815	84.774	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	84.77%		
Target Compounds							
4) Monochlorobiphenyls	0.000		0	N.D.	d		Qvalue
5) C11- Conf Ion	0.000		0	N.D.	d		
14) Dichlorobiphenyls	20.189	222	35865M5	23.979	ng/mL		
15) C12-Conf Ion	20.189	224	24323M5	16.262	ng/mL		
33) Trichlorobiphenyls	25.827	256	111613M5	103.165	ng/mL		
34) C13- Conf Ion	25.827	258	96829M5	89.500	ng/mL		
36) Tetrachlorobiphenyls	27.614	292	96385M5	115.472	ng/mL		
37) C14-Conf Ion	27.614	290	80583M5	96.541	ng/mL		
106) Pentachlorobiphenyls	31.636	326	14214M5	13.772	ng/mL		
107) C15-Conf Ion	35.807	324	11529M5	11.170	ng/mL		
112) Hexachlorobiphenyls	38.753	360	2897M5	2.920	ng/mL		
113) C16-Conf Ion	38.736	362	2553M5	2.573	ng/mL		
135) Heptachlorobiphenyls	41.219	394	1778M5	1.757	ng/mL		
136) C17-Conf Ion	44.893	396	1370M5	1.354	ng/mL		
181) Octachlorobiphenyls	0.000		0	N.D.	d		
182) C18-Conf Ion	0.000		0	N.D.	d		
208) Nonachlorobiphenyls	0.000		0	N.D.	d		
209) C19-Conf Ion	0.000		0	N.D.	d		
211) Decachlorobiphenyl	0.000		0	N.D.	d		
212) C110-Conf Ion	0.000		0	N.D.	d		

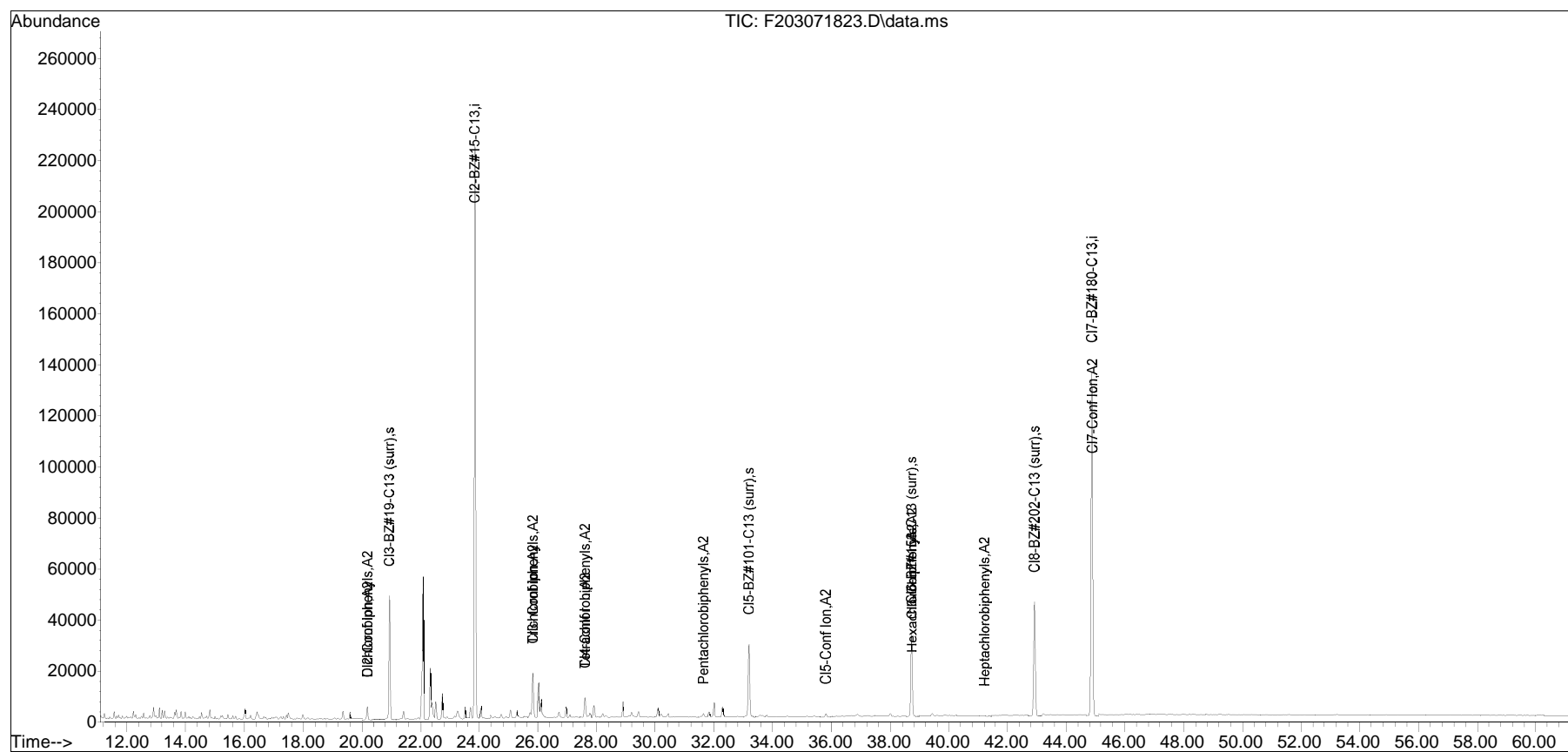
(#) = qualifier out of range (m) = manual integration (+) = signals summed

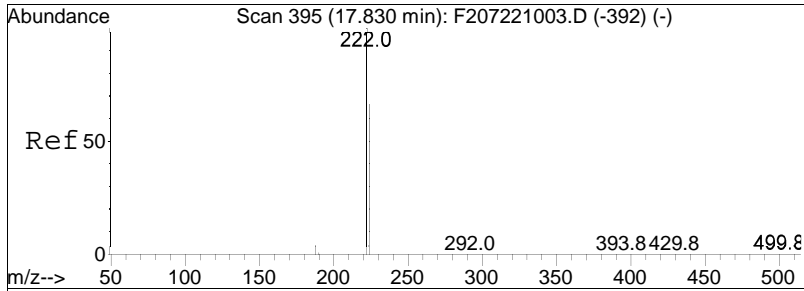
Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071823.D
 Acq On : 8 Mar 2018 1:18 pm
 Operator : BNA2:MJS
 Sample : L1806872-11,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 09 13:53:10 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

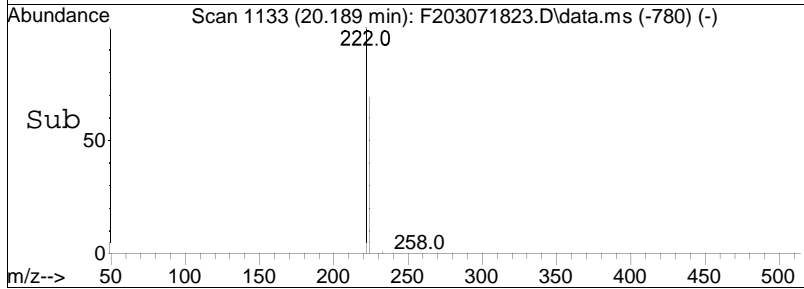
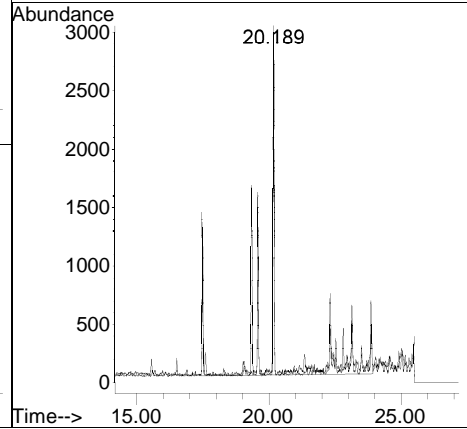
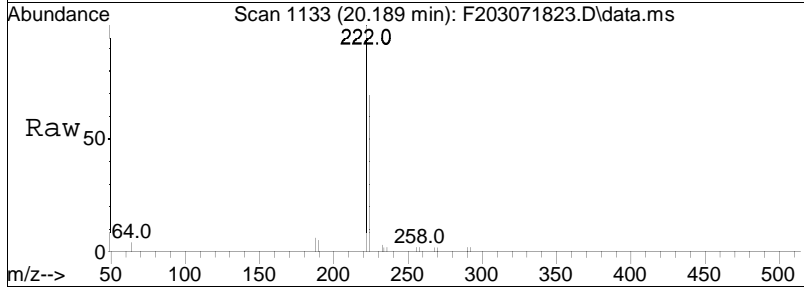
Sub List : Homologs - Homologs Only

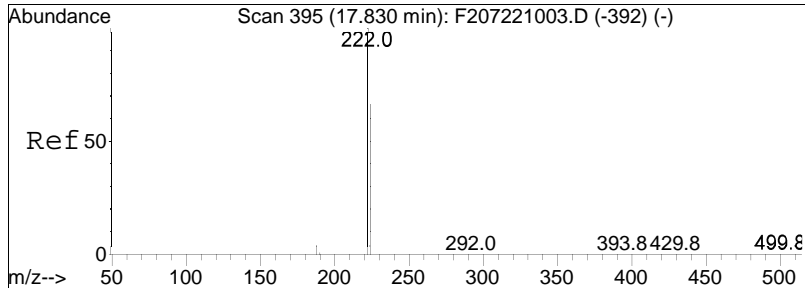




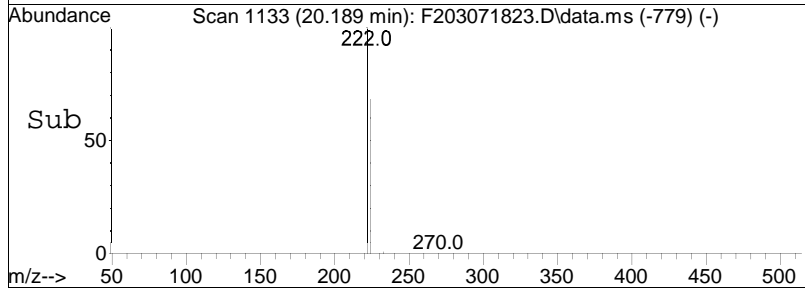
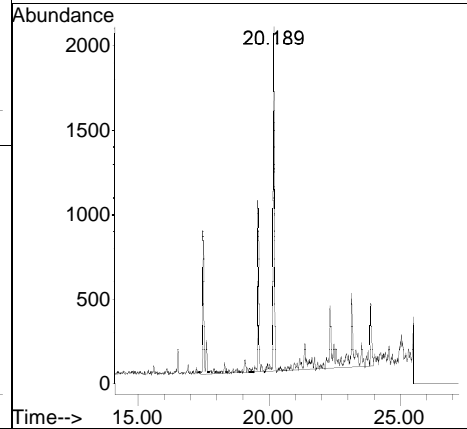
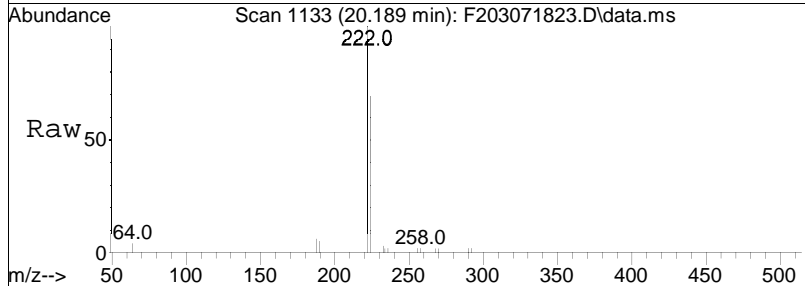
#14
 Dichlorobiphenyls
 Concen: 23.98 ng/mL M5
 RT: 20.189 min Scan# 1133
 Delta R.T. 2.637 min
 Lab File: F203071823.D
 Acq: 8 Mar 2018 1:18 pm

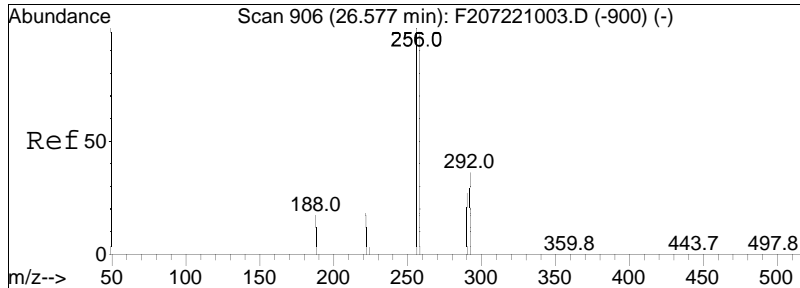
Tgt Ion: 222 Resp: 35865
 Ion Ratio Lower Upper
 222 100
 224 6.1 52.1 78.1#





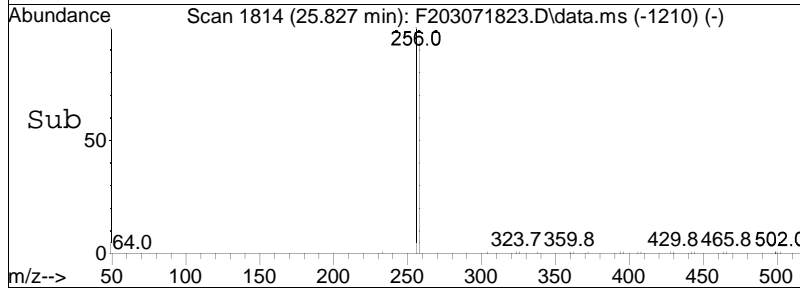
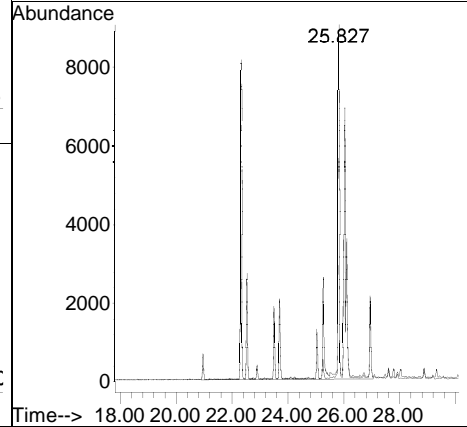
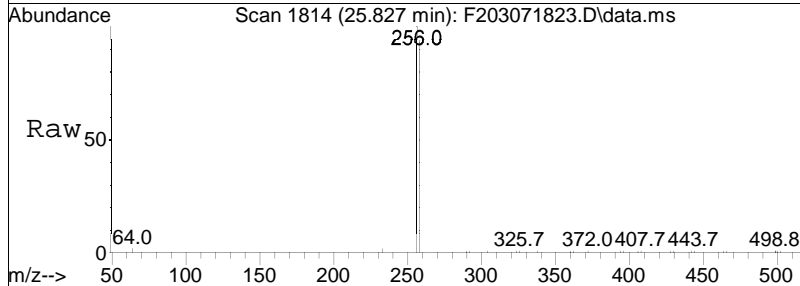
#15
 Cl2-Conf Ion
 Concen: 16.26 ng/mL M5
 RT: 20.189 min Scan# 1133
 Delta R.T. 2.637 min
 Lab File: F203071823.D
 Acq: 8 Mar 2018 1:18 pm
 Tgt Ion: 224 Resp: 24323

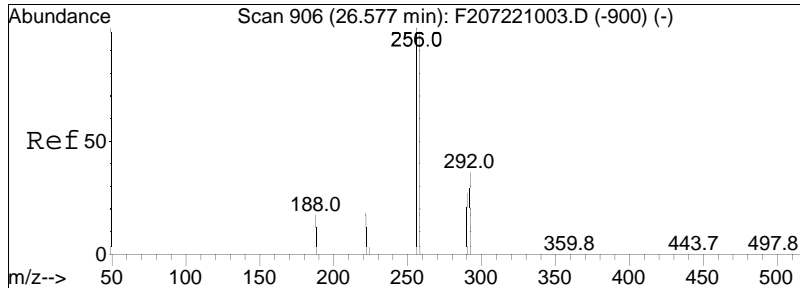




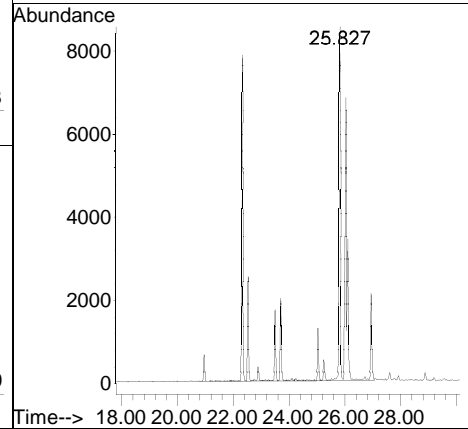
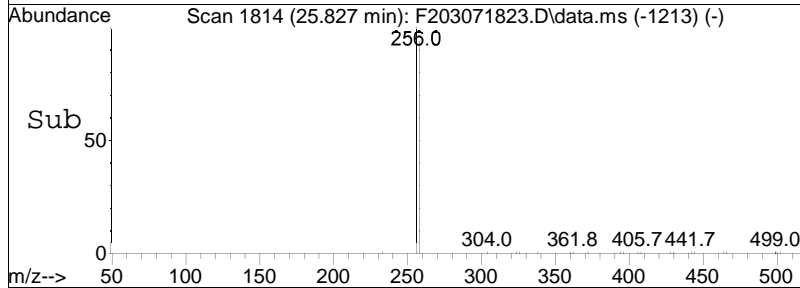
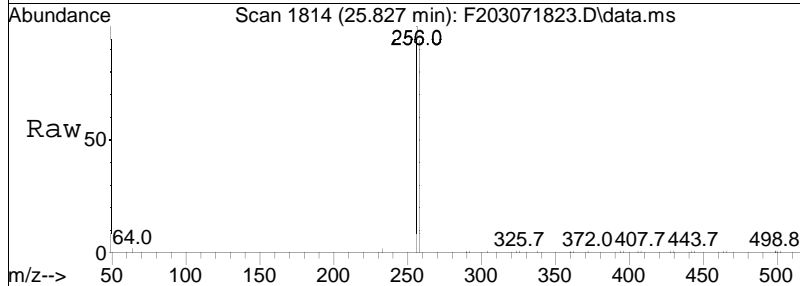
#33
 Trichlorobiphenyls
 Concen: 103.16 ng/mL M5
 RT: 25.827 min Scan# 1814
 Delta R.T. -0.383 min
 Lab File: F203071823.D
 Acq: 8 Mar 2018 1:18 pm

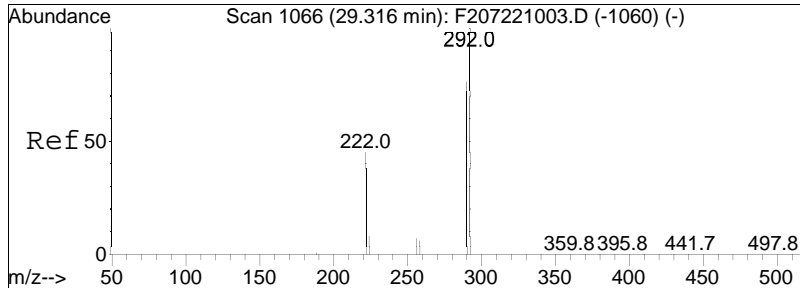
Tgt Ion	Resp	Lower	Upper
256	100		
258	8.8	76.8	115.2#





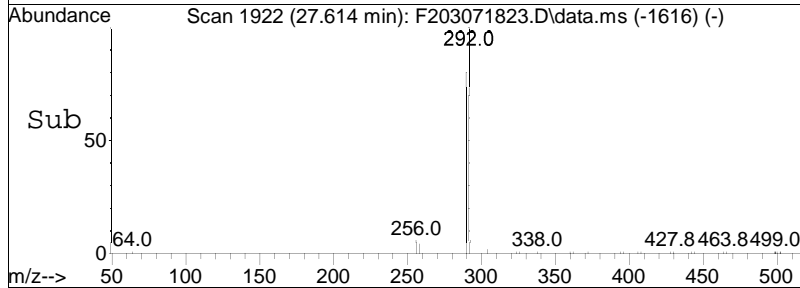
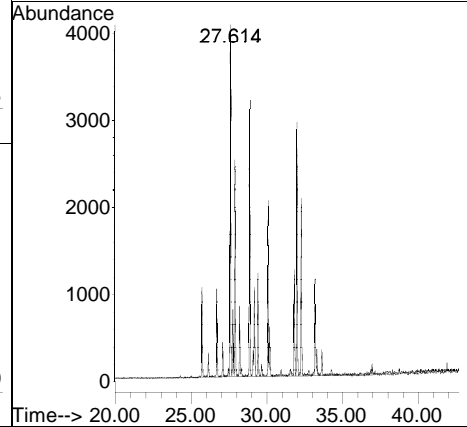
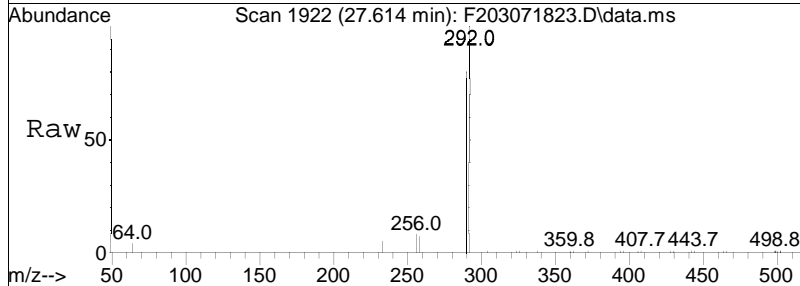
#34
 Cl3- Conf Ion
 Concen: 89.50 ng/mL M5
 RT: 25.827 min Scan# 1814
 Delta R.T. -0.383 min
 Lab File: F203071823.D
 Acq: 8 Mar 2018 1:18 pm
 Tgt Ion: 258 Resp: 96829

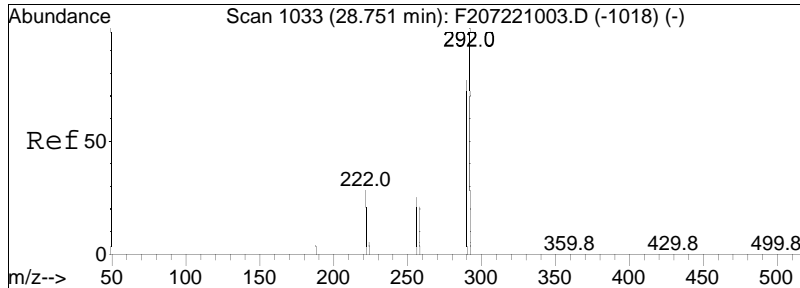




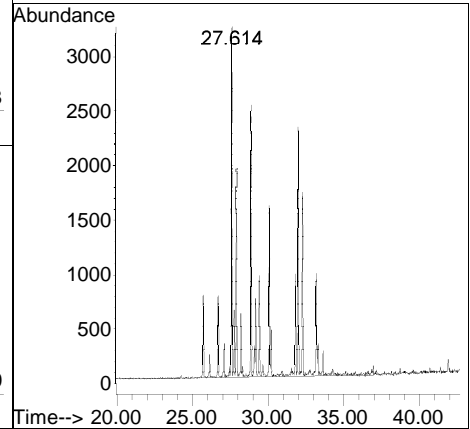
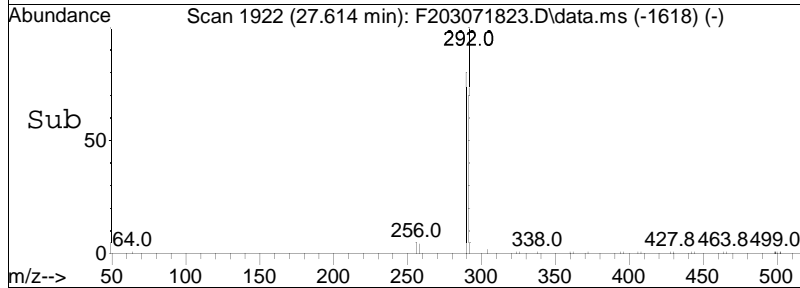
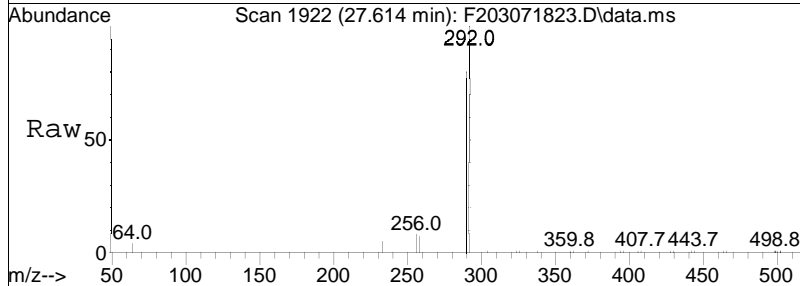
#36
 Tetrachlorobiphenyls
 Concen: 115.47 ng/mL M5
 RT: 27.614 min Scan# 1922
 Delta R.T. -0.758 min
 Lab File: F203071823.D
 Acq: 8 Mar 2018 1:18 pm

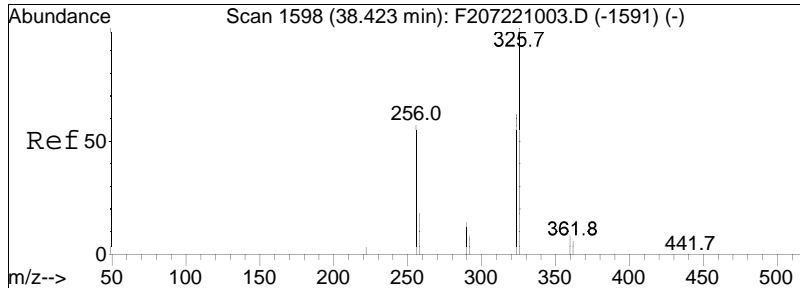
Tgt Ion	Resp	Lower	Upper
292	100		
290	2.3	61.0	91.4#





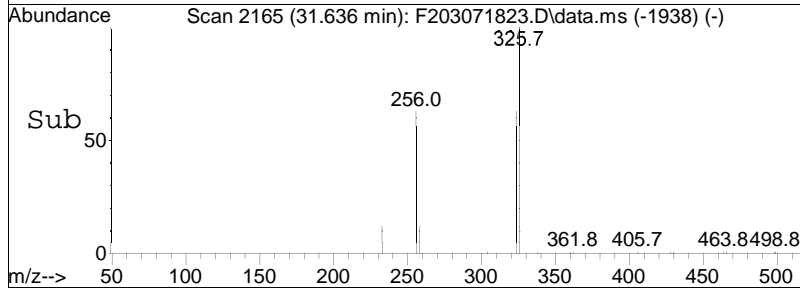
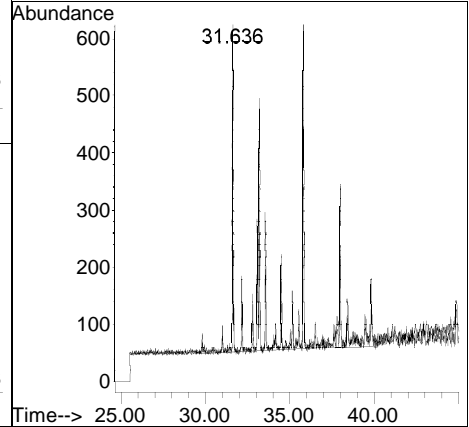
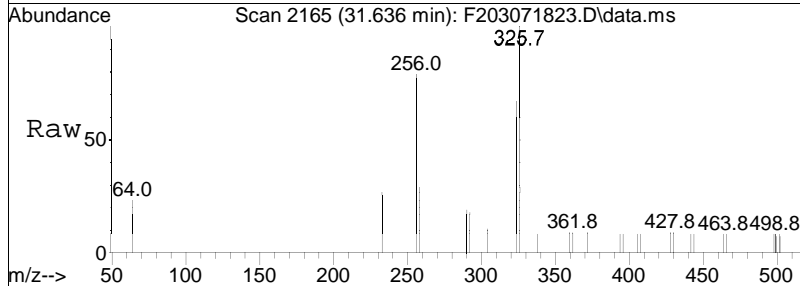
#37
 Cl4-Conf Ion
 Concen: 96.54 ng/mL M5
 RT: 27.614 min Scan# 1922
 Delta R.T. -0.741 min
 Lab File: F203071823.D
 Acq: 8 Mar 2018 1:18 pm
 Tgt Ion: 290 Resp: 80583

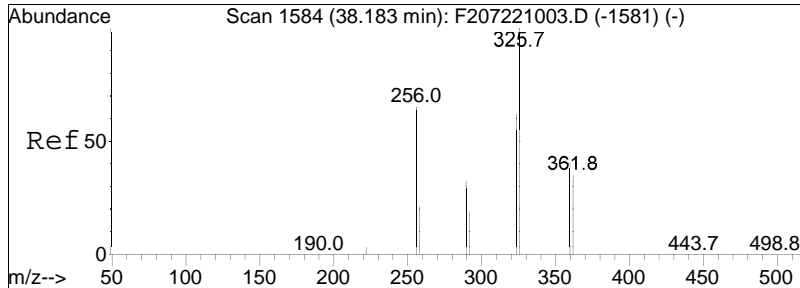




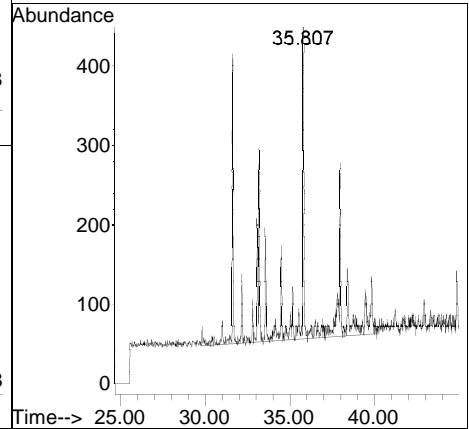
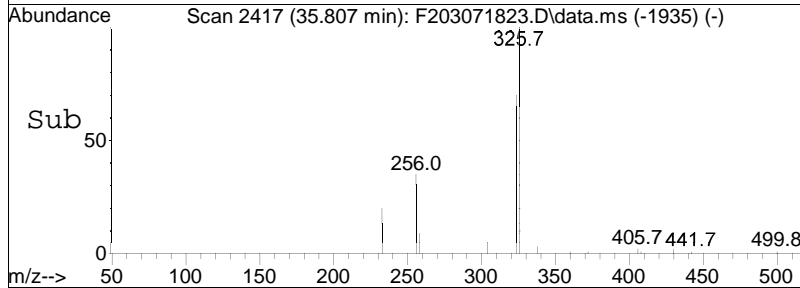
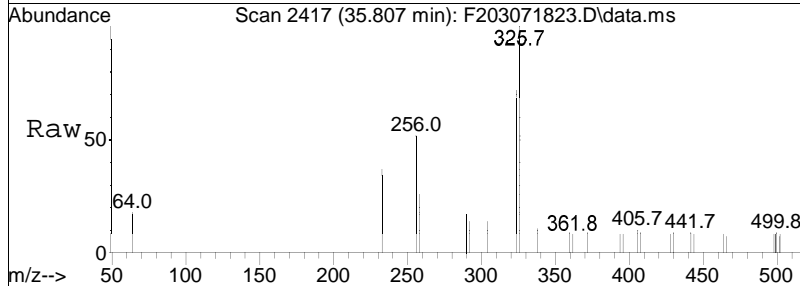
#106
 Pentachlorobiphenyls
 Concen: 13.77 ng/mL M5
 RT: 31.636 min Scan# 2165
 Delta R.T. -2.628 min
 Lab File: F203071823.D
 Acq: 8 Mar 2018 1:18 pm

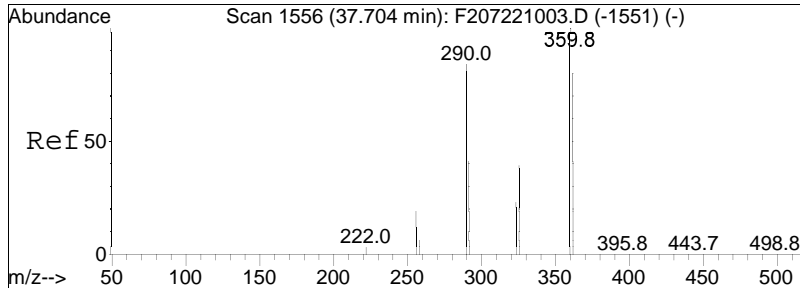
Tgt Ion: 326 Resp: 14214
 Ion Ratio Lower Upper
 326 100
 324 3.0 48.7 73.1#





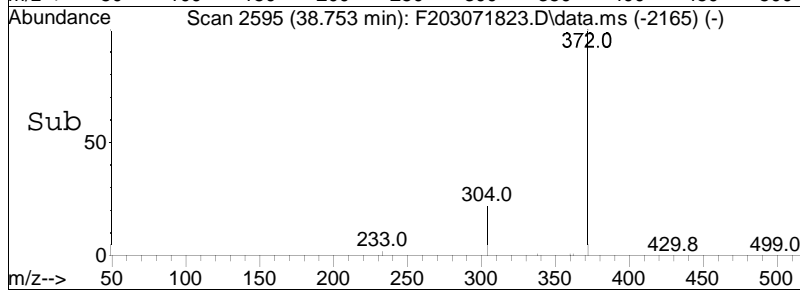
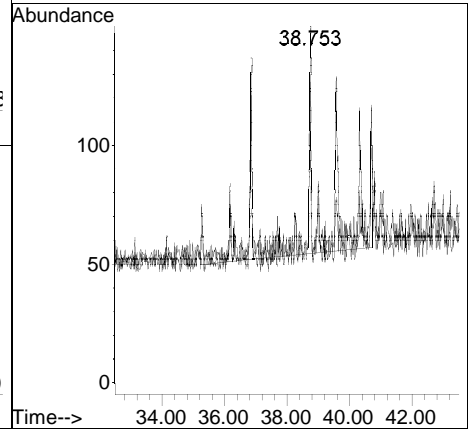
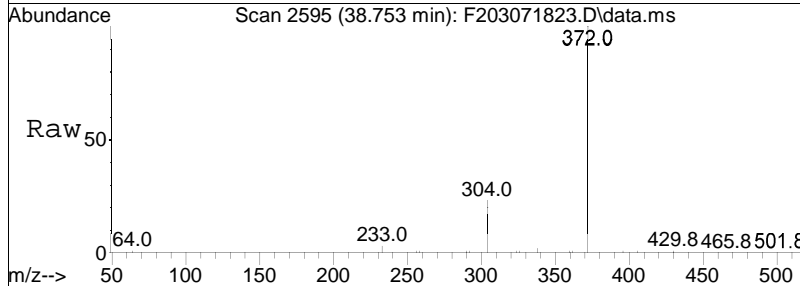
#107
 C15-Conf Ion
 Concen: 11.17 ng/mL M5
 RT: 35.807 min Scan# 2417
 Delta R.T. -1.841 min
 Lab File: F203071823.D
 Acq: 8 Mar 2018 1:18 pm
 Tgt Ion:324 Resp: 11529

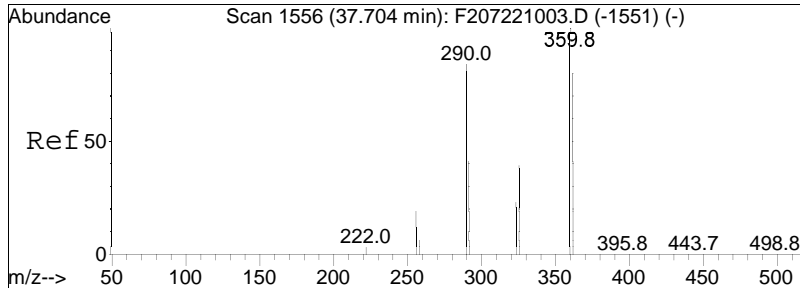




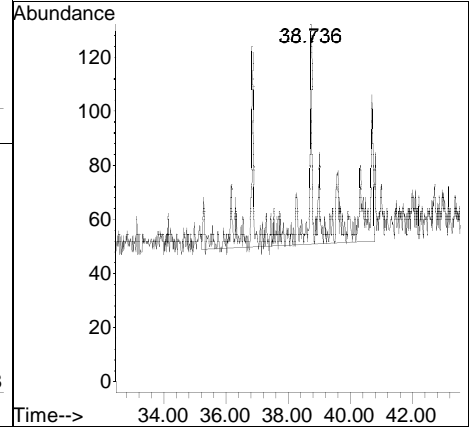
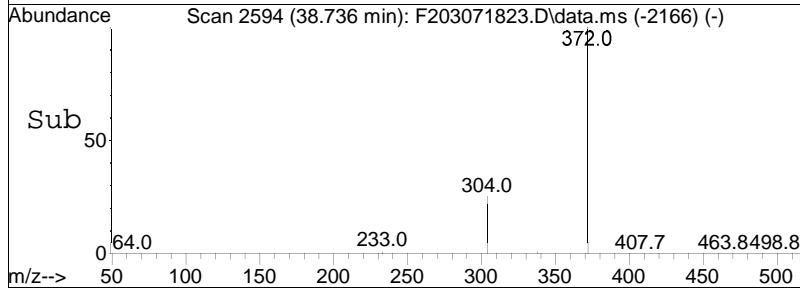
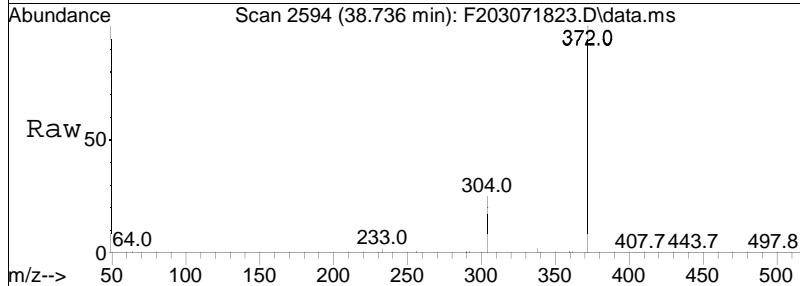
#112
 Hexachlorobiphenyls
 Concen: 2.92 ng/mL M5
 RT: 38.753 min Scan# 2595
 Delta R.T. 1.633 min
 Lab File: F203071823.D
 Acq: 8 Mar 2018 1:18 pm

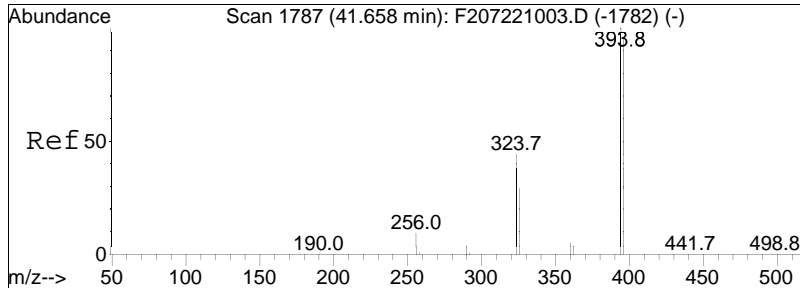
Tgt Ion:	360	Resp:	2897
Ion Ratio	100	Lower	Upper
362	10.6	63.7	95.5#





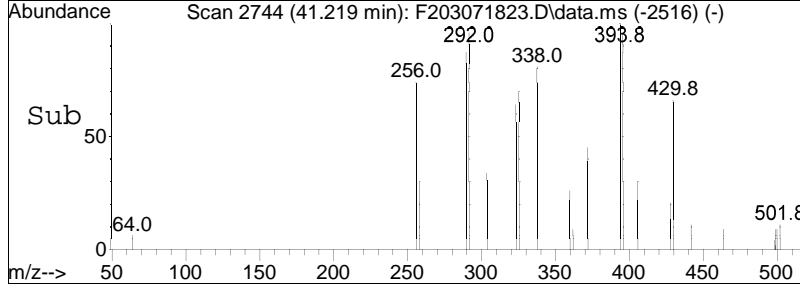
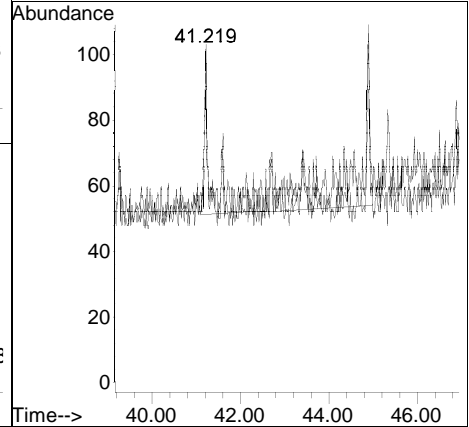
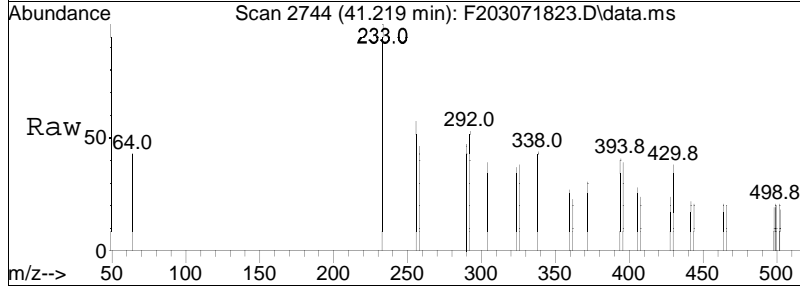
#113
 Cl6-Conf Ion
 Concen: 2.57 ng/mL M5
 RT: 38.736 min Scan# 2594
 Delta R.T. 1.616 min
 Lab File: F203071823.D
 Acq: 8 Mar 2018 1:18 pm
 Tgt Ion: 362 Resp: 2553

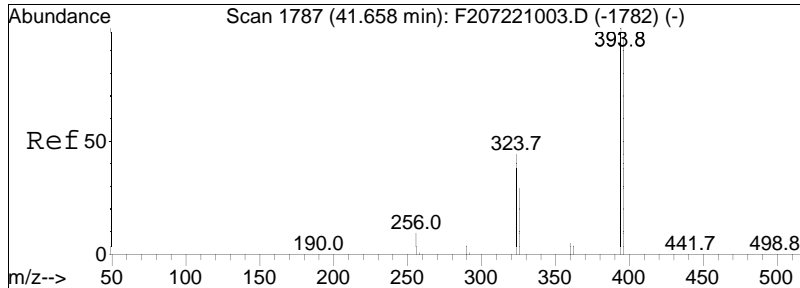




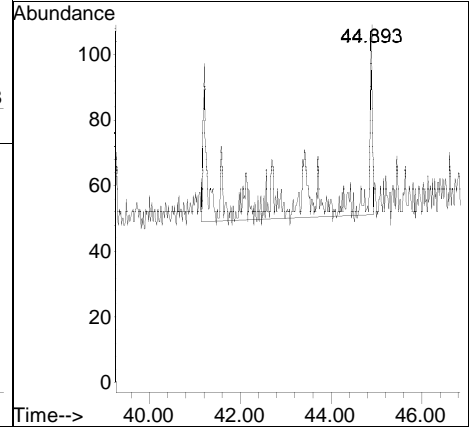
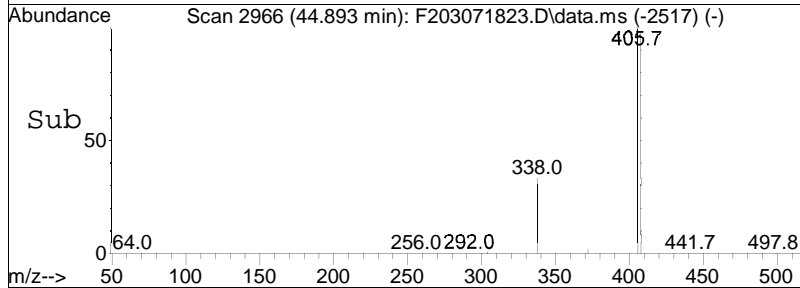
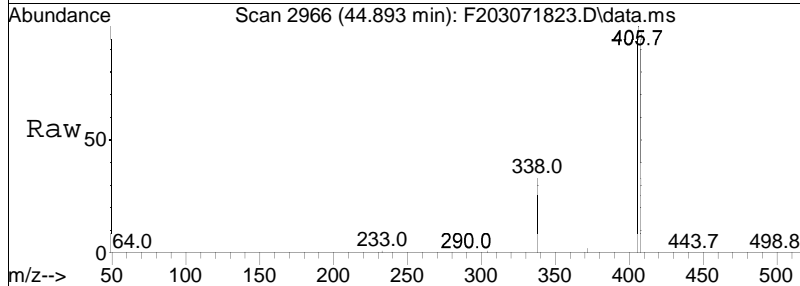
#135
 Heptachlorobiphenyls
 Concen: 1.76 ng/mL M5
 RT: 41.219 min Scan# 2744
 Delta R.T. 0.120 min
 Lab File: F203071823.D
 Acq: 8 Mar 2018 1:18 pm

Tgt Ion: 394 Resp: 1778
 Ion Ratio Lower Upper
 394 100
 396 11.6 78.6 118.0#





#136
 Cl7-Conf Ion
 Concen: 1.35 ng/mL M5
 RT: 44.893 min Scan# 2966
 Delta R.T. 3.794 min
 Lab File: F203071823.D
 Acq: 8 Mar 2018 1:18 pm
 Tgt Ion: 396 Resp: 1370



Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071824.D
 Acq On : 8 Mar 2018 2:32 pm
 Operator : BNA2:MJS
 Sample : L1806872-12,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 09 13:57:11 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Homologs - Homologs Only

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.864	234	382828	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.876	406	201376	200.000	ng/mL	0.00	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.944	268	56779	84.343	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	84.34%			
93) C15-BZ#101-C13 (surr)	33.192	338	87699	89.128	ng/mL	0.02	
Spiked Amount	100.000	Range 50 - 125	Recovery =	89.13%			
151) C16-BZ#153-C13 (surr)	38.720	372	87986	95.061	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	95.06%			
177) C18-BZ#202-C13 (surr)	42.923	442	81569	86.007	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	86.01%			
Target Compounds							
4) Monochlorobiphenyls	0.000		0		N.D.	d	Qvalue
5) C11- Conf Ion	0.000		0		N.D.	d	
14) Dichlorobiphenyls	20.188	222	41284M5	27.176	ng/mL		
15) C12-Conf Ion	20.188	224	26178M5	17.232	ng/mL		
33) Trichlorobiphenyls	25.827	256	112362M5	102.256	ng/mL		
34) C13- Conf Ion	25.827	258	108230M5	98.495	ng/mL		
36) Tetrachlorobiphenyls	27.614	292	100272M5	118.277	ng/mL		
37) C14-Conf Ion	27.614	290	82430M5	97.231	ng/mL		
106) Pentachlorobiphenyls	31.636	326	11902M5	11.354	ng/mL		
107) C15-Conf Ion	31.636	324	10162M5	9.694	ng/mL		
112) Hexachlorobiphenyls	39.580	360	2767M5	2.746	ng/mL		
113) C16-Conf Ion	36.866	362	1898M5	1.883	ng/mL		
135) Heptachlorobiphenyls	41.202	394	1067M5	1.034	ng/mL		
136) C17-Conf Ion	44.876	396	985M5	0.954	ng/mL		
181) Octachlorobiphenyls	0.000		0		N.D.	d	
182) C18-Conf Ion	0.000		0		N.D.	d	
208) Nonachlorobiphenyls	0.000		0		N.D.	d	
209) C19-Conf Ion	0.000		0		N.D.	d	
211) Decachlorobiphenyl	0.000		0		N.D.	d	
212) C110-Conf Ion	0.000		0		N.D.	d	

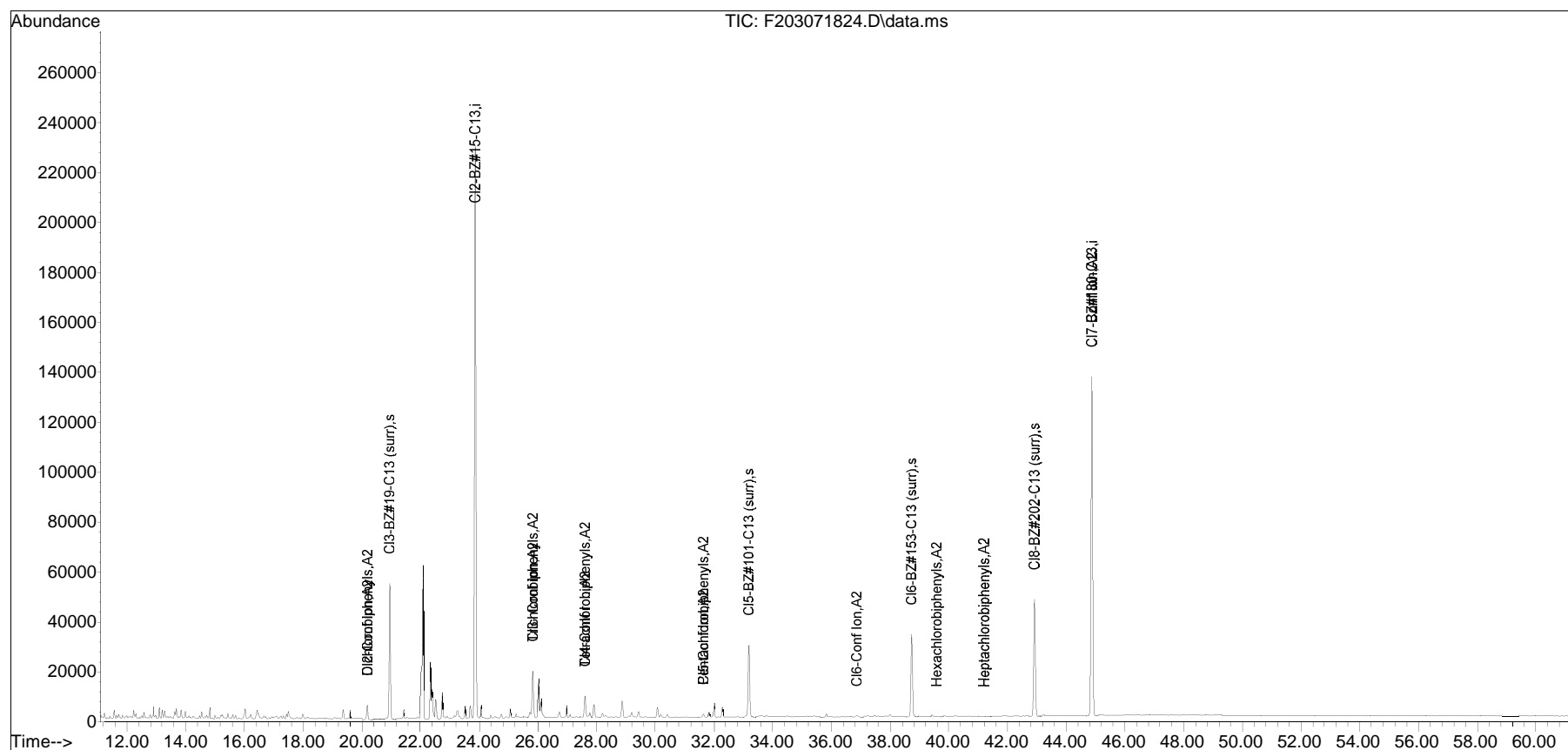
(#) = qualifier out of range (m) = manual integration (+) = signals summed

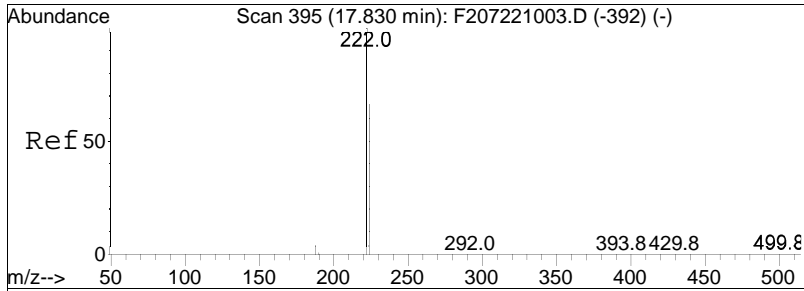
Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071824.D
 Acq On : 8 Mar 2018 2:32 pm
 Operator : BNA2:MJS
 Sample : L1806872-12,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 09 13:57:11 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

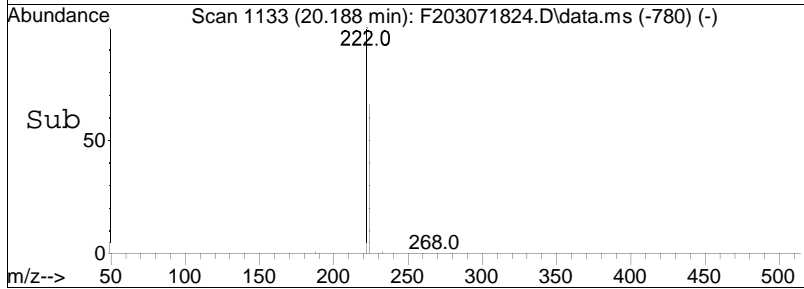
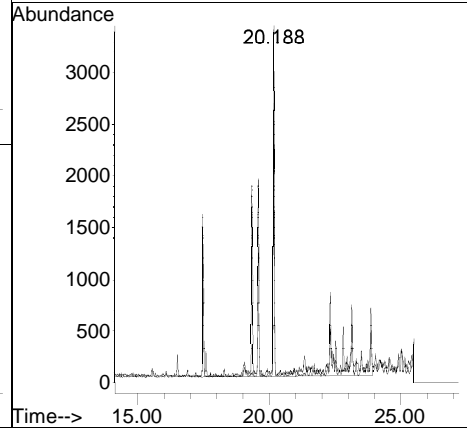
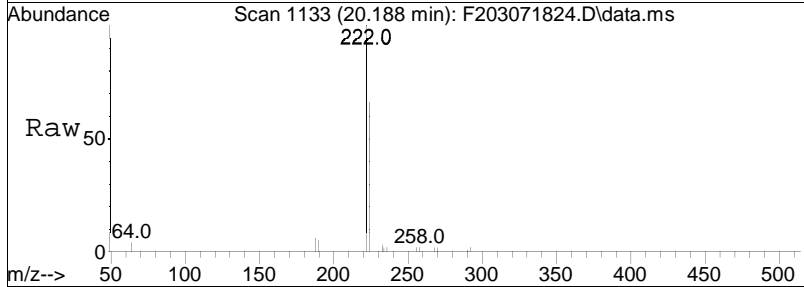
Sub List : Homologs - Homologs Only

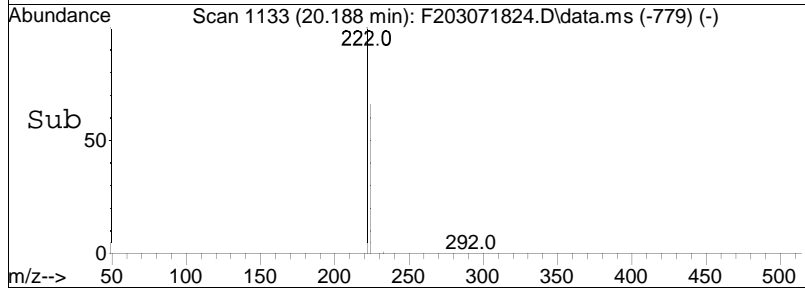
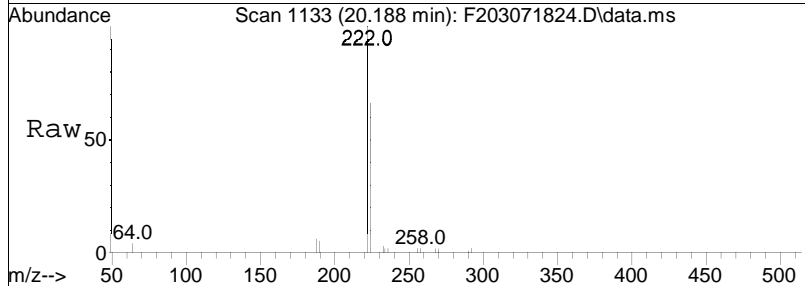
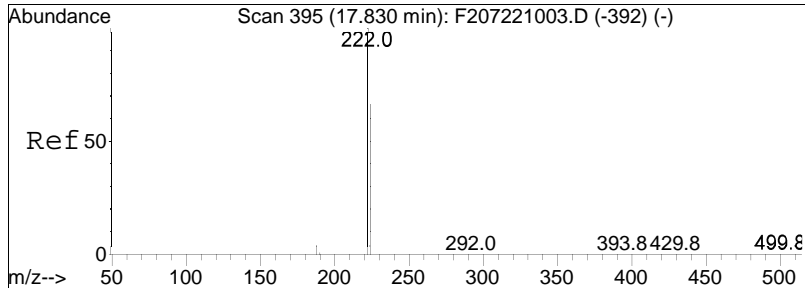




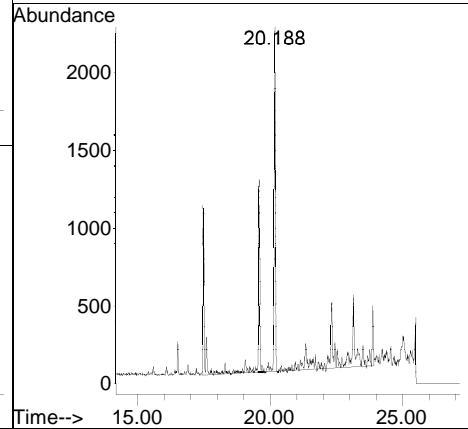
#14
 Dichlorobiphenyls
 Concen: 27.18 ng/mL M5
 RT: 20.188 min Scan# 1133
 Delta R.T. 2.636 min
 Lab File: F203071824.D
 Acq: 8 Mar 2018 2:32 pm

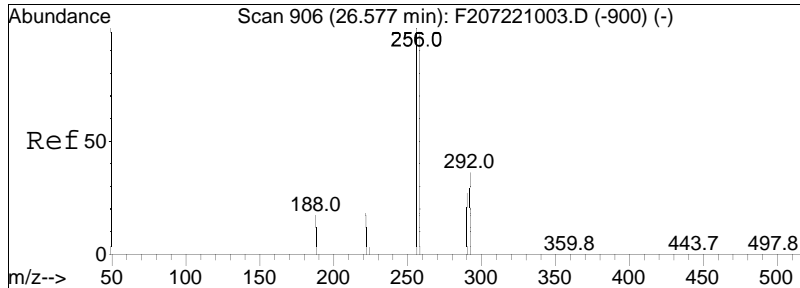
Tgt Ion: 222 Resp: 41284
 Ion Ratio Lower Upper
 222 100
 224 6.3 52.1 78.1#





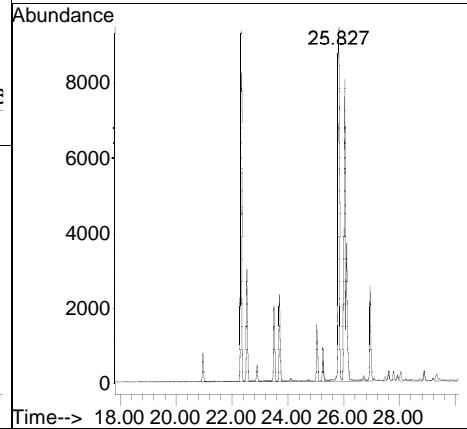
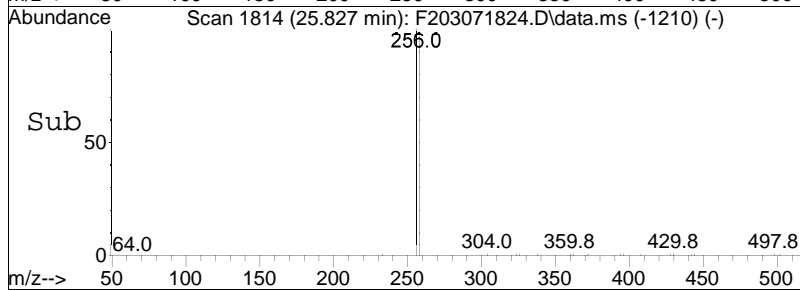
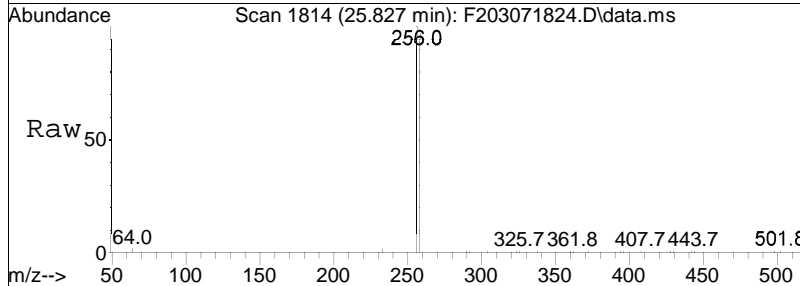
#15
Cl2-Conf Ion
Concen: 17.23 ng/mL M5
RT: 20.188 min Scan# 1133
Delta R.T. 2.636 min
Lab File: F203071824.D
Acq: 8 Mar 2018 2:32 pm
Tgt Ion: 224 Resp: 26178

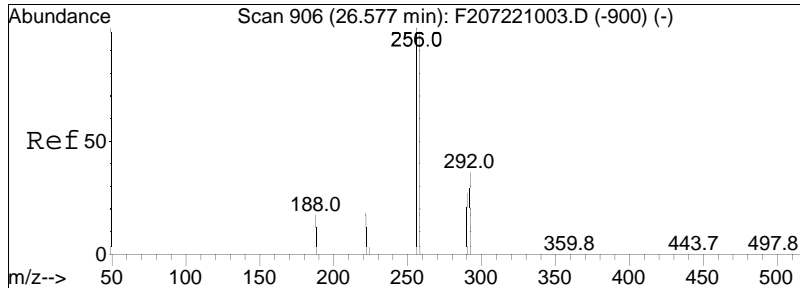




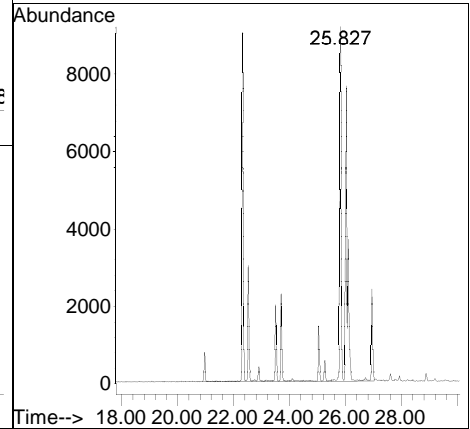
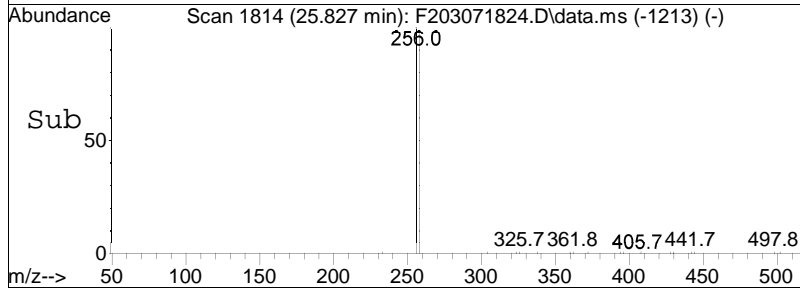
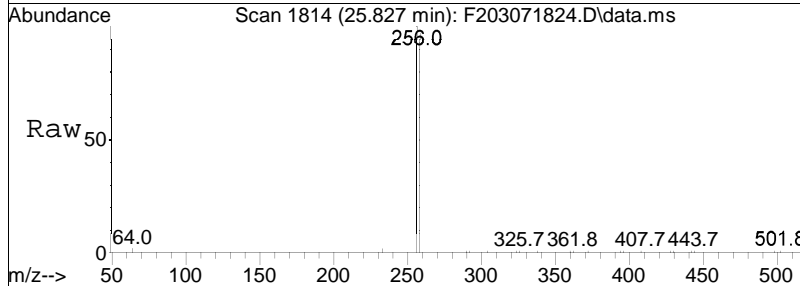
#33
 Trichlorobiphenyls
 Concen: 102.26 ng/mL M5
 RT: 25.827 min Scan# 1814
 Delta R.T. -0.383 min
 Lab File: F203071824.D
 Acq: 8 Mar 2018 2:32 pm

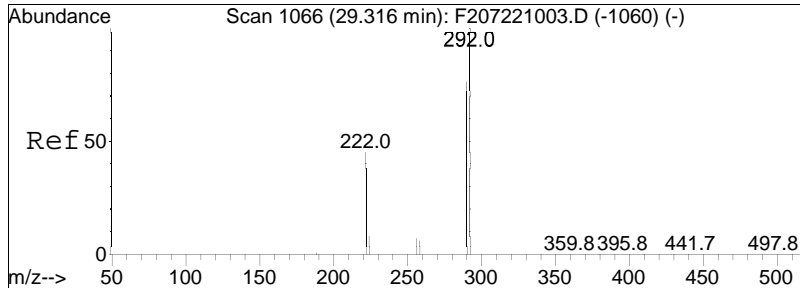
Tgt Ion	Resp	Lower	Upper
256	100		
258	9.6	76.8	115.2#





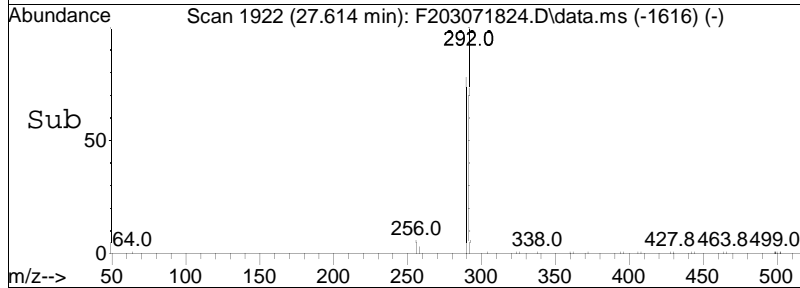
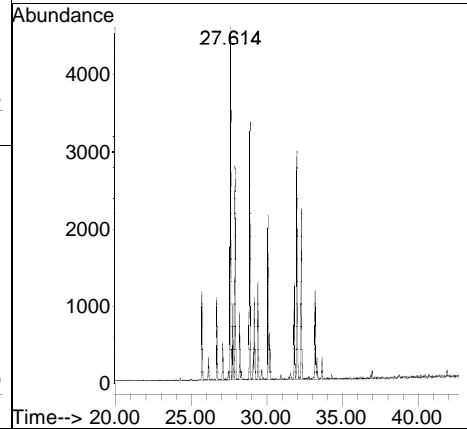
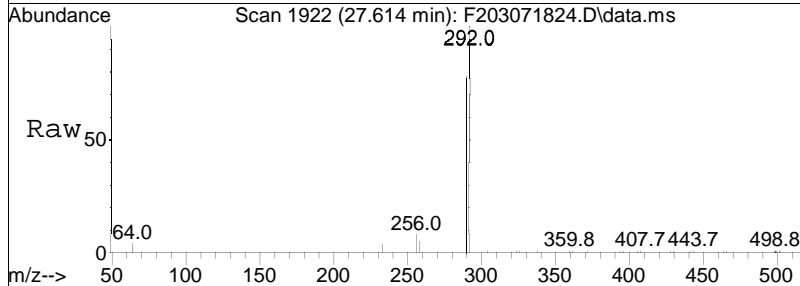
#34
 Cl3- Conf Ion
 Concen: 98.50 ng/mL M5
 RT: 25.827 min Scan# 1814
 Delta R.T. -0.383 min
 Lab File: F203071824.D
 Acq: 8 Mar 2018 2:32 pm
 Tgt Ion: 258 Resp: 108230

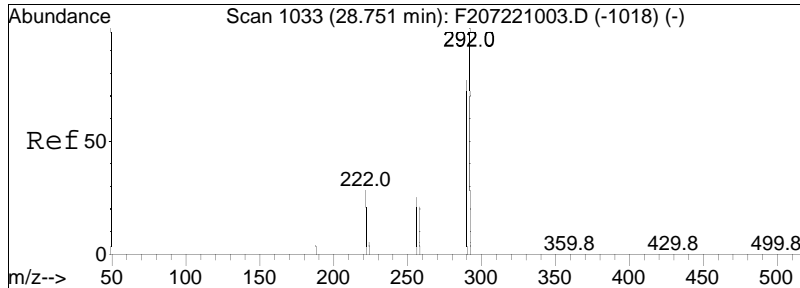




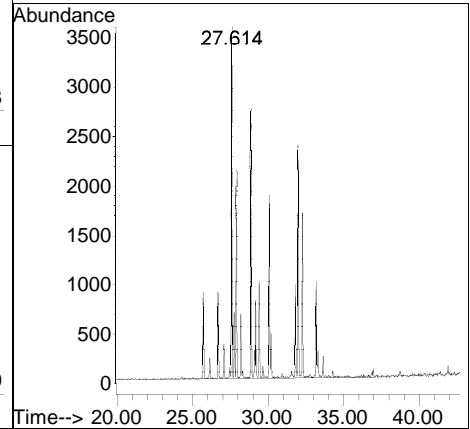
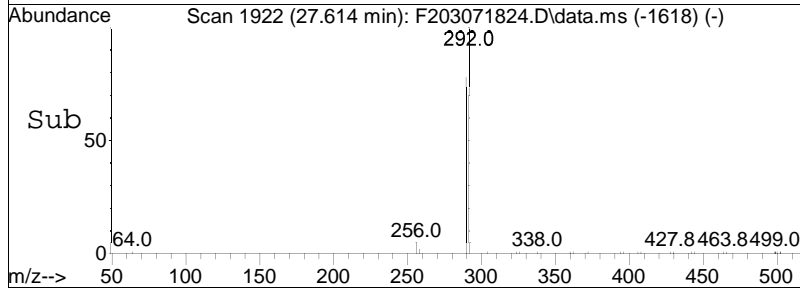
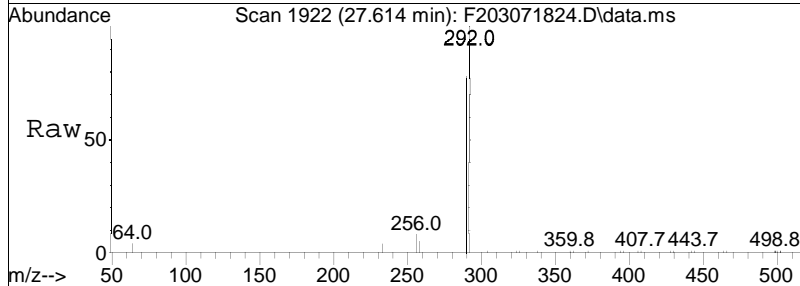
#36
 Tetrachlorobiphenyls
 Concen: 118.28 ng/mL M5
 RT: 27.614 min Scan# 1922
 Delta R.T. -0.758 min
 Lab File: F203071824.D
 Acq: 8 Mar 2018 2:32 pm

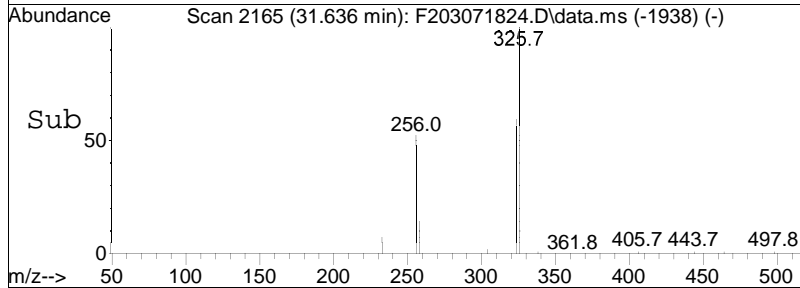
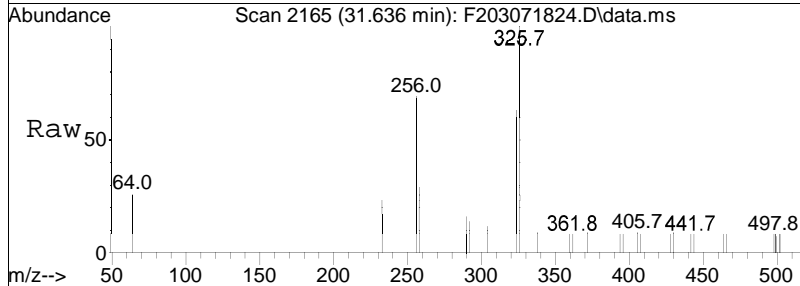
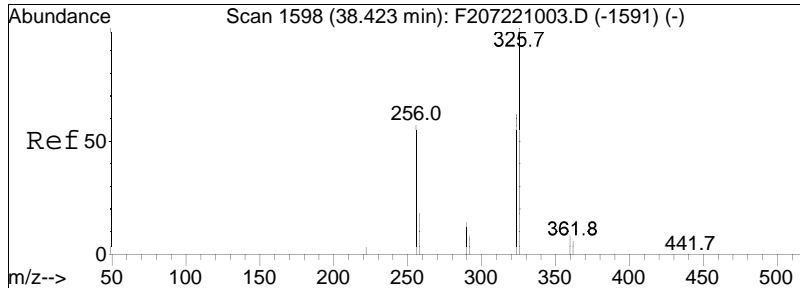
Tgt Ion	Resp	Lower	Upper
292	100		
290	2.2	61.0	91.4#





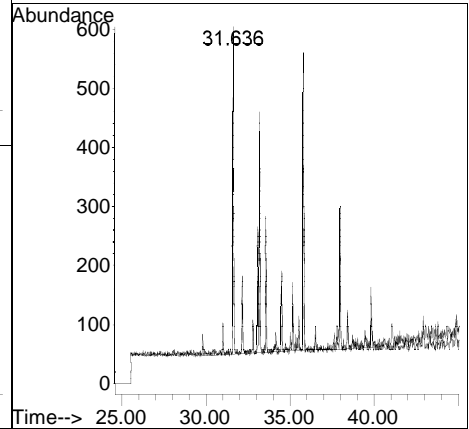
#37
 Cl4-Conf Ion
 Concen: 97.23 ng/mL M5
 RT: 27.614 min Scan# 1922
 Delta R.T. -0.741 min
 Lab File: F203071824.D
 Acq: 8 Mar 2018 2:32 pm
 Tgt Ion: 290 Resp: 82430

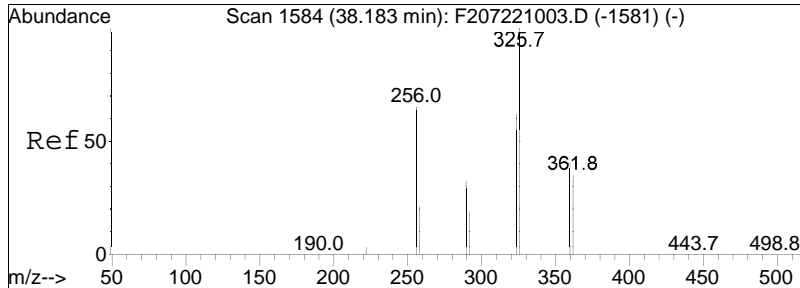




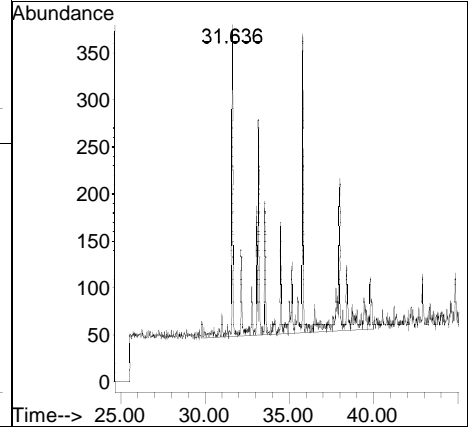
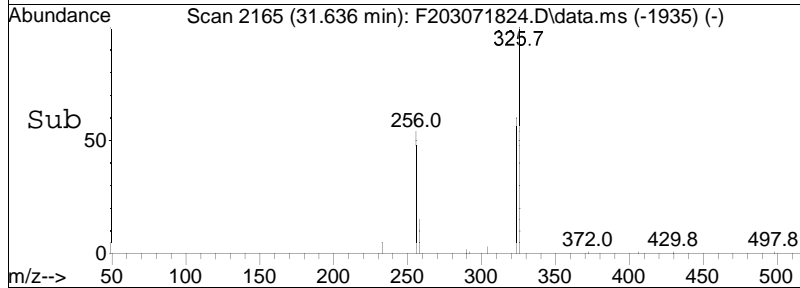
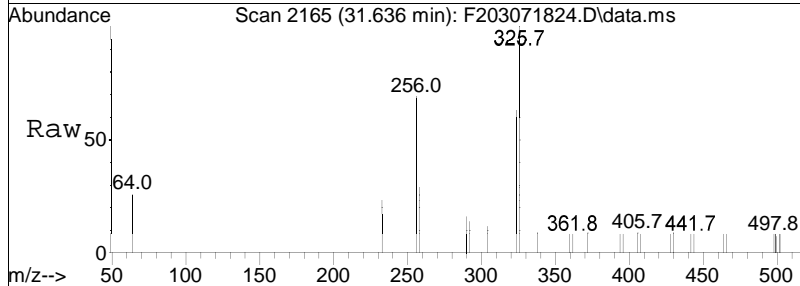
#106
 Pentachlorobiphenyls
 Concen: 11.35 ng/mL M5
 RT: 31.636 min Scan# 2165
 Delta R.T. -2.628 min
 Lab File: F203071824.D
 Acq: 8 Mar 2018 2:32 pm

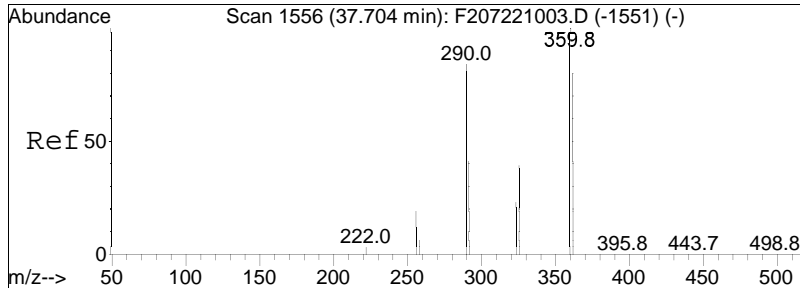
Tgt Ion: 326 Resp: 11902
 Ion Ratio Lower Upper
 326 100
 324 0.7 48.7 73.1#





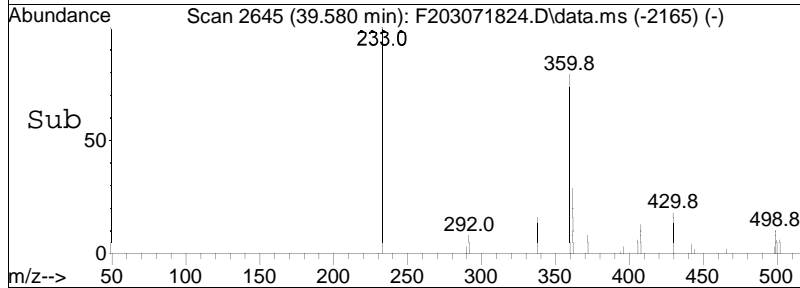
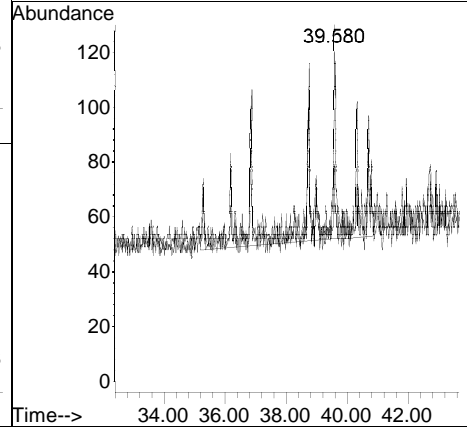
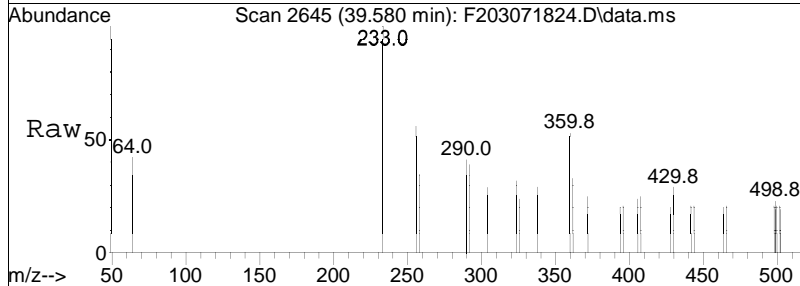
#107
 Cl5-Conf Ion
 Concen: 9.69 ng/mL M5
 RT: 31.636 min Scan# 2165
 Delta R.T. -6.012 min
 Lab File: F203071824.D
 Acq: 8 Mar 2018 2:32 pm
 Tgt Ion:324 Resp: 10162

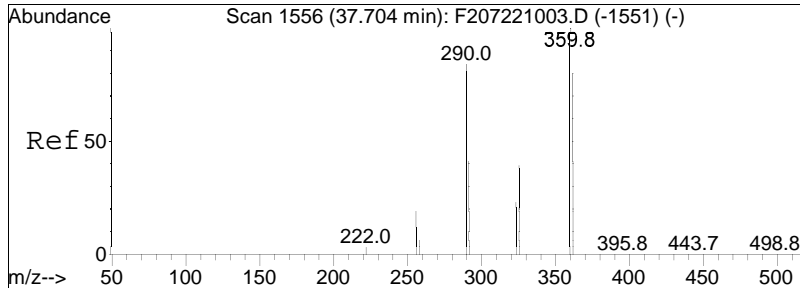




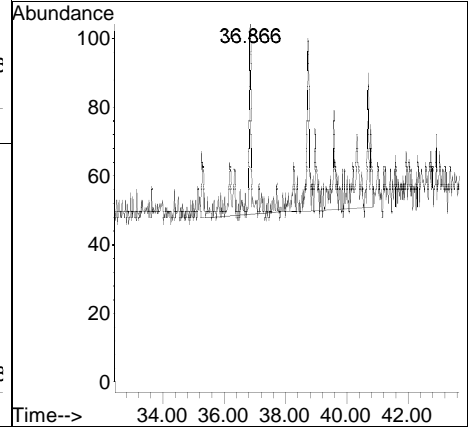
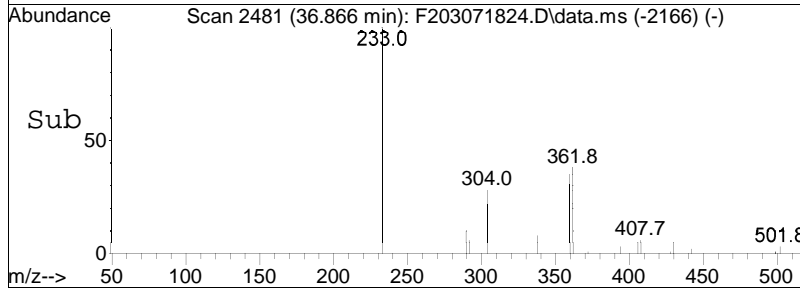
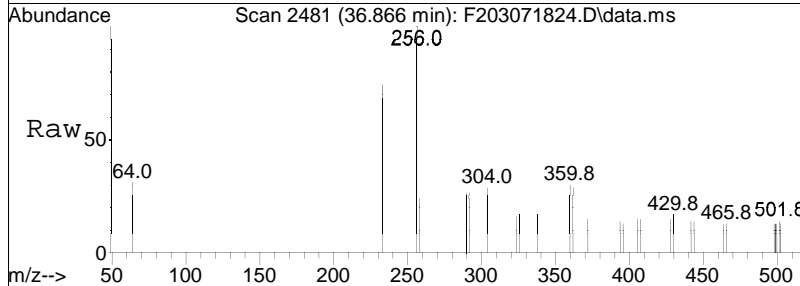
#112
 Hexachlorobiphenyls
 Concen: 2.75 ng/mL M5
 RT: 39.580 min Scan# 2645
 Delta R.T. 2.460 min
 Lab File: F203071824.D
 Acq: 8 Mar 2018 2:32 pm

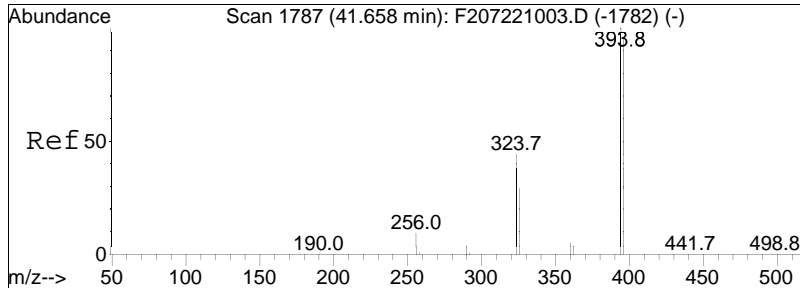
Tgt Ion: 360 Resp: 2767
 Ion Ratio Lower Upper
 360 100
 362 0.6 63.7 95.5#





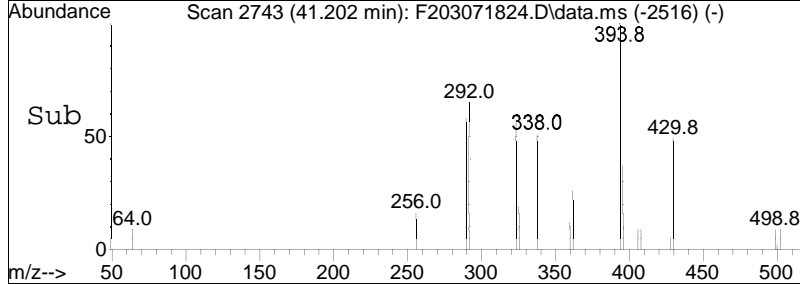
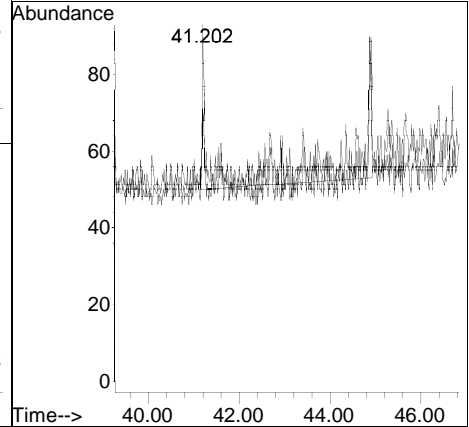
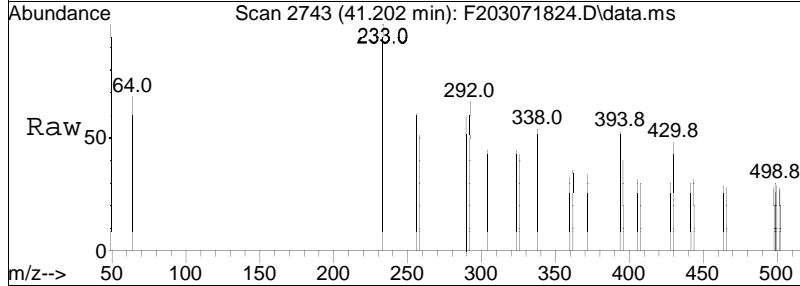
#113
 Cl6-Conf Ion
 Concen: 1.88 ng/mL M5
 RT: 36.866 min Scan# 2481
 Delta R.T. -0.254 min
 Lab File: F203071824.D
 Acq: 8 Mar 2018 2:32 pm
 Tgt Ion: 362 Resp: 1898

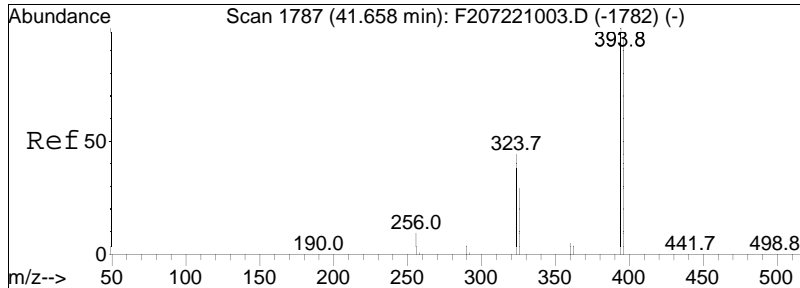




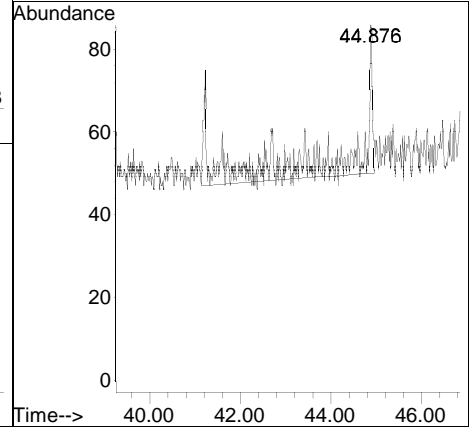
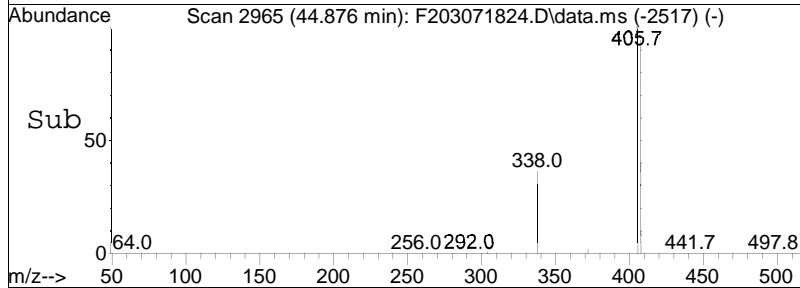
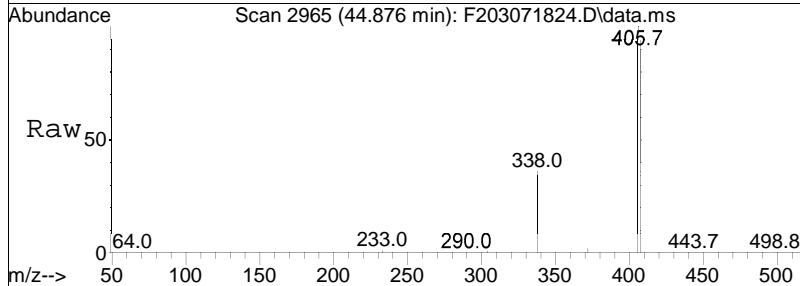
#135
 Heptachlorobiphenyls
 Concen: 1.03 ng/mL M5
 RT: 41.202 min Scan# 2743
 Delta R.T. 0.103 min
 Lab File: F203071824.D
 Acq: 8 Mar 2018 2:32 pm

Tgt Ion: 394 Resp: 1067
 Ion Ratio Lower Upper
 394 100
 396 0.0 78.6 118.0#





#136
 Cl7-Conf Ion
 Concen: 0.95 ng/mL M5
 RT: 44.876 min Scan# 2965
 Delta R.T. 3.777 min
 Lab File: F203071824.D
 Acq: 8 Mar 2018 2:32 pm
 Tgt Ion: 396 Resp: 985



Batch Quality Control

Method Blank Raw Data

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071803.D
 Acq On : 7 Mar 2018 12:31 pm
 Operator : BNA2:MJS
 Sample : WG1094741-1,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 08 11:19:48 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Homologs - Homologs Only

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.863	234	367914	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.876	406	191336	200.000	ng/mL	0.00	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.944	268	56010	86.573	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	86.57%			
93) C15-BZ#101-C13 (surr)	33.192	338	88561	93.652	ng/mL	0.02	
Spiked Amount	100.000	Range 50 - 125	Recovery =	93.65%			
151) C16-BZ#153-C13 (surr)	38.719	372	80329	91.343	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	91.34%			
177) C18-BZ#202-C13 (surr)	42.923	442	74554	82.736	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	82.74%			
Target Compounds							
4) Monochlorobiphenyls	0.000		0		N.D.	d	Qvalue
5) C11- conf Ion	0.000		0		N.D.	d	
14) Dichlorobiphenyls	0.000		0		N.D.	d	
15) C12-Conf Ion	0.000		0		N.D.		
33) Trichlorobiphenyls	25.826	256	298M5	0.282	ng/mL		
34) C13- Conf Ion	25.826	258	307M5	0.291	ng/mL		
36) Tetrachlorobiphenyls	27.597	292	271M5	0.333	ng/mL		
37) C14-Conf Ion	27.614	290	219M5	0.269	ng/mL		
106) Pentachlorobiphenyls	0.000		0		N.D.	d	
107) C15-Conf Ion	0.000		0		N.D.	d	
112) Hexachlorobiphenyls	0.000		0		N.D.	d	
113) C16-Conf Ion	0.000		0		N.D.	d	
135) Heptachlorobiphenyls	0.000		0		N.D.	d	
136) C17-Conf Ion	0.000		0		N.D.	d	
181) Octachlorobiphenyls	0.000		0		N.D.	d	
182) C18-Conf Ion	0.000		0		N.D.	d	
208) Nonachlorobiphenyls	0.000		0		N.D.	d	
209) C19-Conf Ion	0.000		0		N.D.	d	
211) Decachlorobiphenyl	0.000		0		N.D.	d	
212) C110-Conf Ion	0.000		0		N.D.	d	

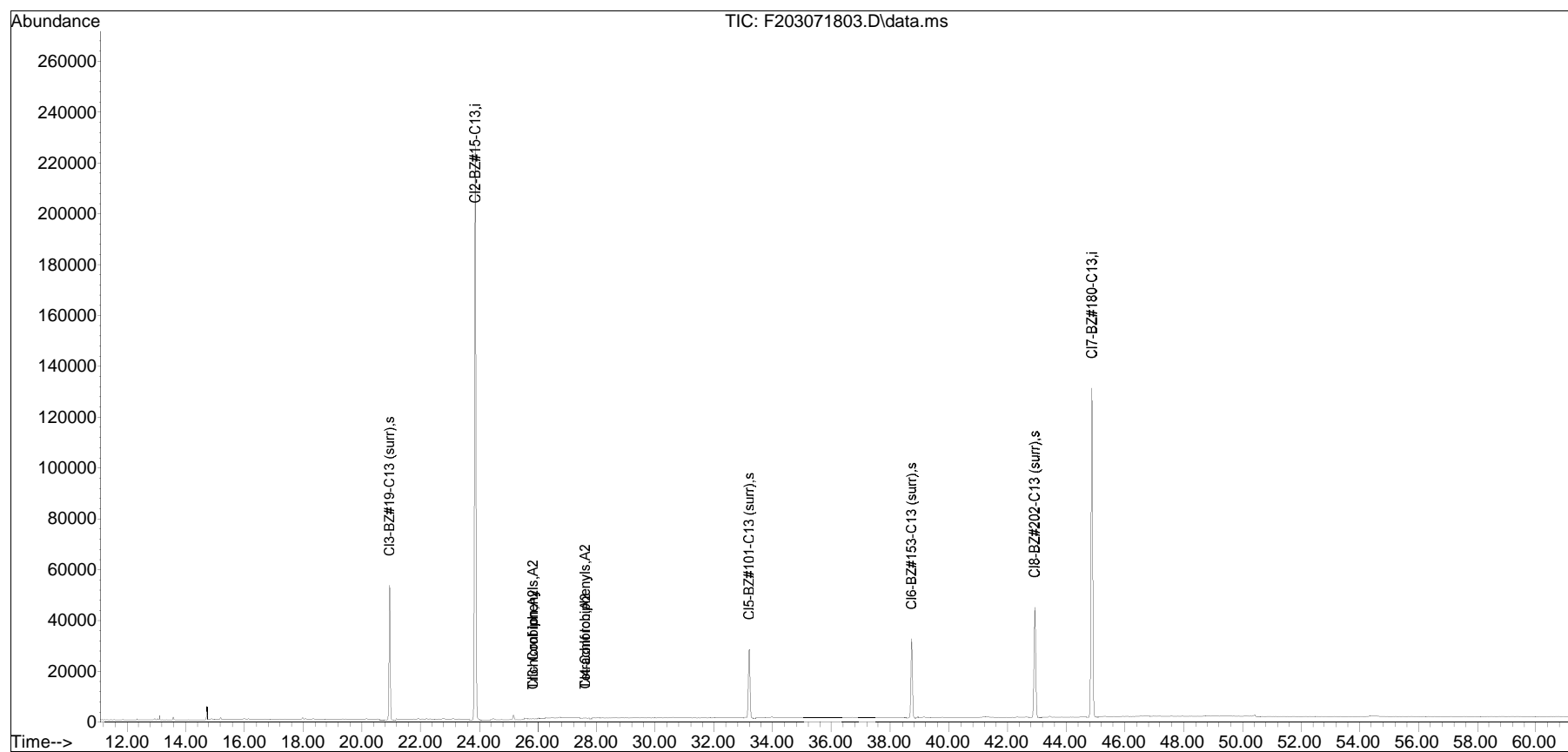
(#) = qualifier out of range (m) = manual integration (+) = signals summed

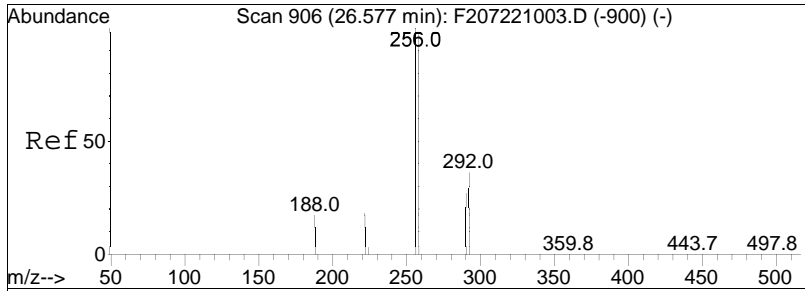
Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
Data File : F203071803.D
Acq On : 7 Mar 2018 12:31 pm
Operator : BNA2:MJS
Sample : WG1094741-1,HN
Misc : WG1095518,WG1094741,ICAL14481
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 08 11:19:48 2018
Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
Quant Title : Method 680 PCB's by GC/MS
QLast Update : Thu Mar 08 11:02:39 2018
Response via : Initial Calibration

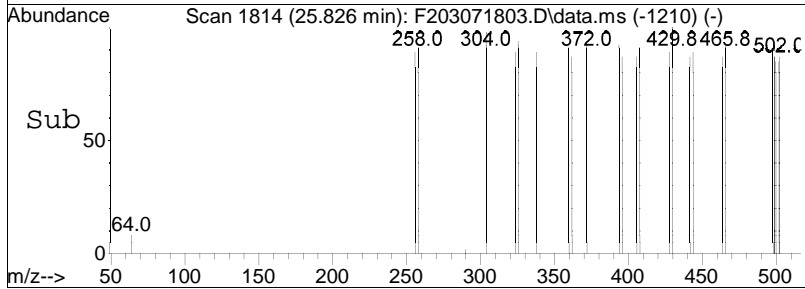
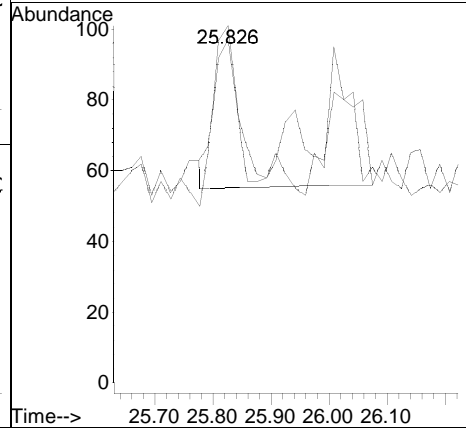
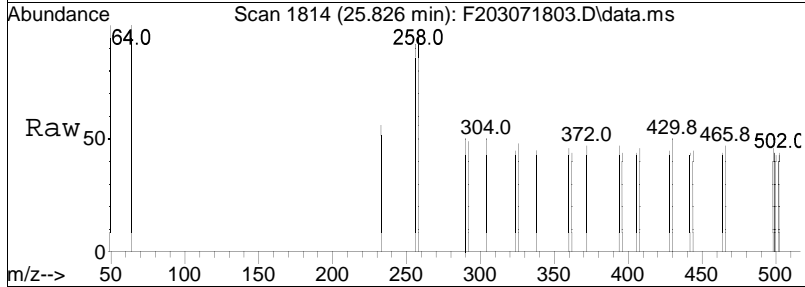
Sub List : Homologs - Homologs Only

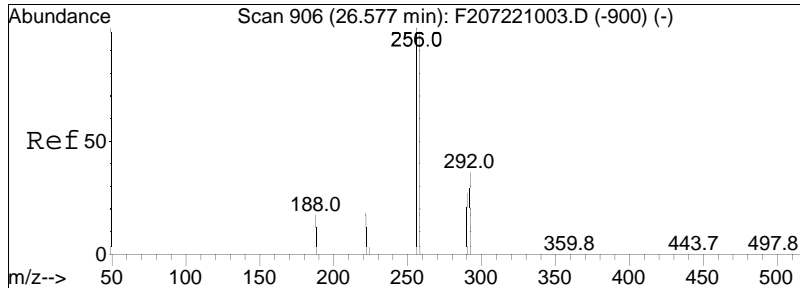




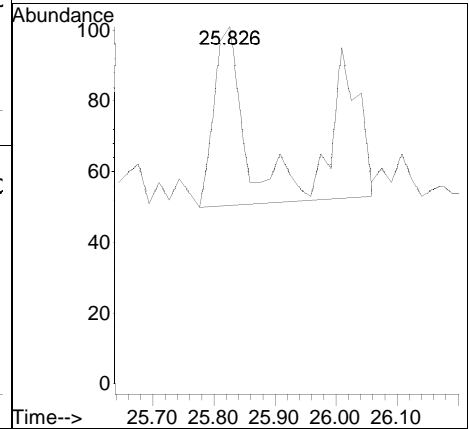
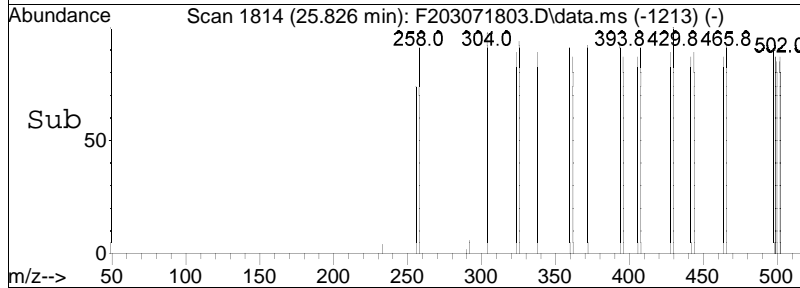
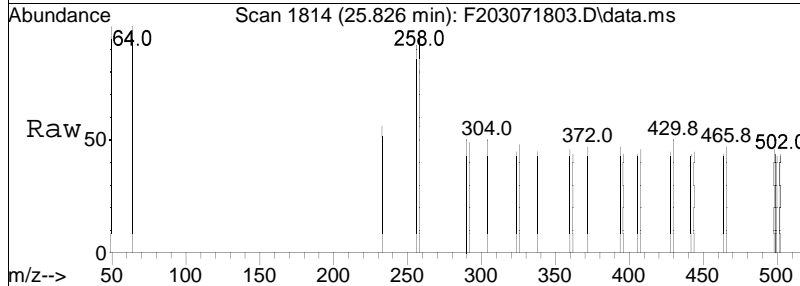
#33
 Trichlorobiphenyls
 Concen: 0.28 ng/mL M5
 RT: 25.826 min Scan# 1814
 Delta R.T. -0.384 min
 Lab File: F203071803.D
 Acq: 7 Mar 2018 12:31 pm

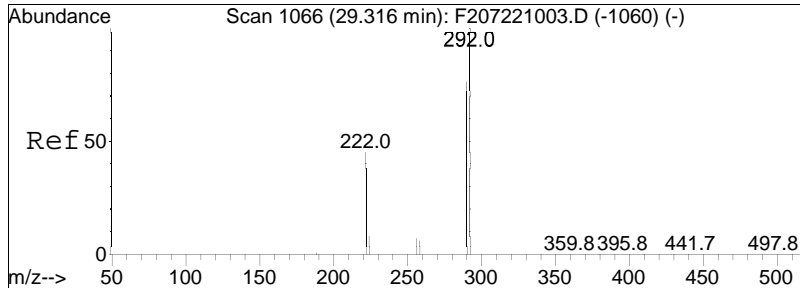
Tgt Ion: 256 Resp: 298
 Ion Ratio Lower Upper
 256 100
 258 44.6 76.8 115.2#





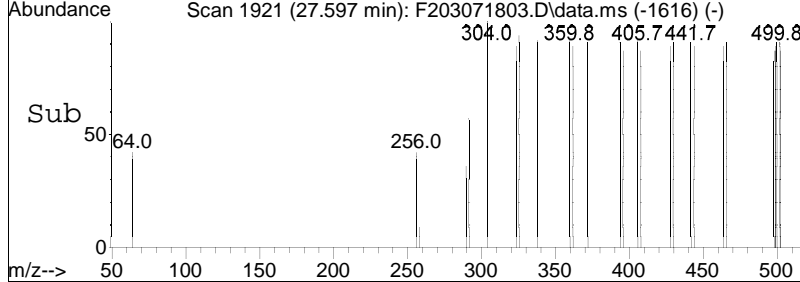
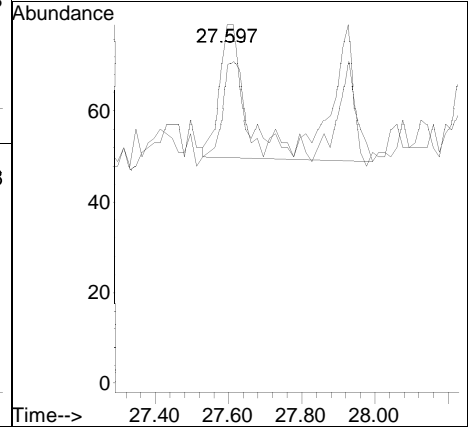
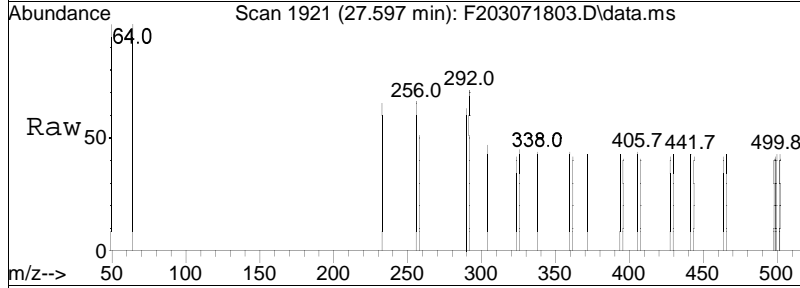
#34
 Cl3- Conf Ion
 Concen: 0.29 ng/mL M5
 RT: 25.826 min Scan# 1814
 Delta R.T. -0.384 min
 Lab File: F203071803.D
 Acq: 7 Mar 2018 12:31 pm
 Tgt Ion: 258 Resp: 307

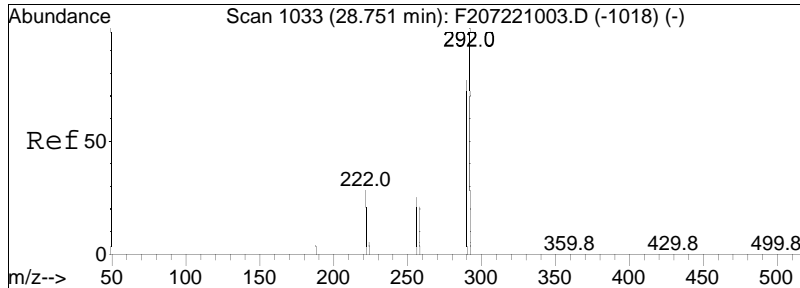




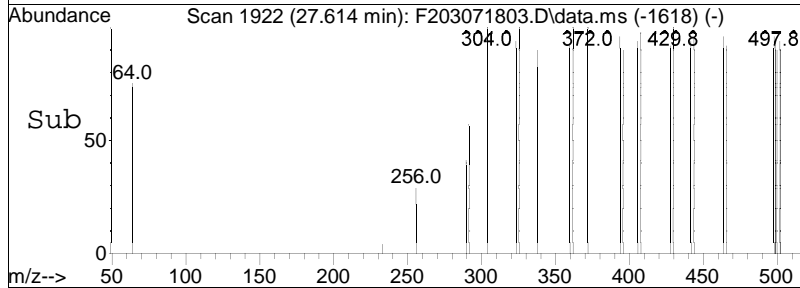
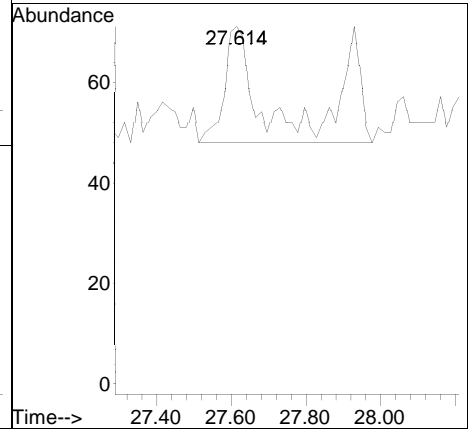
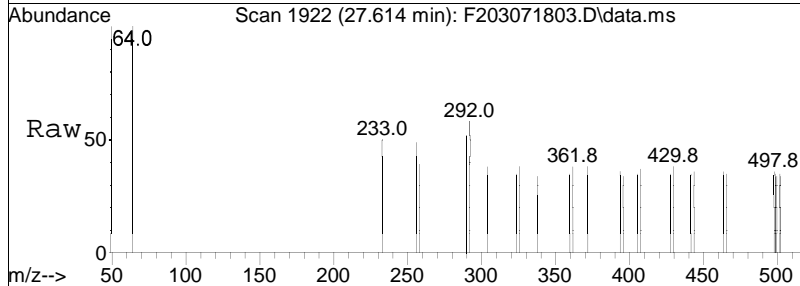
#36
 Tetrachlorobiphenyls
 Concen: 0.33 ng/mL M5
 RT: 27.597 min Scan# 1921
 Delta R.T. -0.775 min
 Lab File: F203071803.D
 Acq: 7 Mar 2018 12:31 pm

Tgt Ion: 292 Resp: 271
 Ion Ratio Lower Upper
 292 100
 290 0.0 61.0 91.4#





#37
 Cl4-Conf Ion
 Concen: 0.27 ng/mL M5
 RT: 27.614 min Scan# 1922
 Delta R.T. -0.741 min
 Lab File: F203071803.D
 Acq: 7 Mar 2018 12:31 pm
 Tgt Ion: 290 Resp: 219



LCS Raw Data

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071805.D
 Acq On : 7 Mar 2018 3:13 pm
 Operator : BNA2:MJS
 Sample : WG1094741-2,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 09 12:21:40 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.864	234	309766	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.877	406	168439	200.000	ng/mL	0.00	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.953	268	48052	88.215	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	88.22%		
93) C15-BZ#101-C13 (surr)	33.192	338	76757	96.406	ng/mL	0.02	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	96.41%		
151) C16-BZ#153-C13 (surr)	38.720	372	78616	101.547	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	101.55%		
177) C18-BZ#202-C13 (surr)	42.924	442	71619	90.283	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery	=	90.28%		
Target Compounds							
3) C11-BZ#1-Cal/RTW	14.551	188	122653	85.917	ng/mL	100	Qvalue
4) Monochlorobiphenyls	0.000		0	N.D.	d		
5) C11- conf Ion	0.000		0	N.D.	d		
6) C11-BZ#2	16.626	188	124182	82.674	ng/mL	100	
7) C11-BZ#3-RTW	17.093	188	122294	82.928	ng/mL	100	
8) C12-BZ#4/#10-RTW	17.511	222	149134	172.931	ng/mL	99	
9) C12-BZ#9	19.071	222	93028	83.878	ng/mL	99	
10) C12-BZ#7	19.167	222	91695	84.848	ng/mL	100	
11) C12-BZ#6	19.594	222	98764	83.000	ng/mL	99	
12) C12-BZ#5	20.036	222	89965	83.219	ng/mL	99	
13) C12-BZ#8	20.189	222	103146	83.913	ng/mL	100	
14) Dichlorobiphenyls	0.000		0	N.D.	d		
15) C12-Conf Ion	0.000		0	N.D.	d		
16) C13-BZ#19-RTW	20.969	256	51025	84.038	ng/mL	99	
17) C12-BZ#14	21.105	222	98966	83.419	ng/mL	97	
18) C13-BZ#30	21.524	256	81909	84.521	ng/mL	100	
19) C13-BZ#18	22.336	256	55155	81.769	ng/mL	97	
20) C12-BZ#11	22.456	222	107648	84.546	ng/mL	99	
21) C13-BZ#17	22.537	256	52738	83.968	ng/mL	99	
22) C12-BZ#12	22.858	222	94379	83.793	ng/mL	98	
23) C13-BZ#27	22.899	256	73511	84.503	ng/mL	98	
24) C12-BZ#13	23.148	222	107372	82.738	ng/mL	99	
25) C13-BZ#24	23.172	256	76136	85.135	ng/mL	99	
26) C13-BZ#16	23.518	256	45220	82.401	ng/mL	95	
27) C13-BZ#32	23.719	256	80141	83.452	ng/mL	97	
28) C12-BZ#15-RTW	23.880	222	105757	80.425	ng/mL	99	

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071805.D
 Acq On : 7 Mar 2018 3:13 pm
 Operator : BNA2:MJS
 Sample : WG1094741-2,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 09 12:21:40 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) C13-BZ#34	24.105	256	75154	83.739	ng/mL	100
30) C13-BZ#23	24.290	256	75497	85.722	ng/mL	99
31) C14-BZ#54-RTW	24.298	292	70412	85.760	ng/mL	98
32) C13-BZ#29-Cal	24.515	256	74357	83.629	ng/mL	98
33) Trichlorobiphenyls	0.000		0	N.D.	d	
34) C13- Conf Ion	0.000		0	N.D.	d	
35) C14-BZ#50-Cal	25.022	292	57820	84.288	ng/mL	98
36) Tetrachlorobiphenyls	0.000		0	N.D.	d	
37) C14-Conf Ion	0.000		0	N.D.	d	
38) C13-BZ#26	25.054	256	83672	83.901	ng/mL	100
39) C13-BZ#25	25.255	256	80508	82.924	ng/mL	99
40) C14-BZ#53	25.744	292	63693	84.169	ng/mL	99
41) C13-BZ#-31	25.827	256	110551	82.450	ng/mL	97
42) C13-BZ#28	26.025	256	110444	83.621	ng/mL	98
43) C13-BZ#33	26.108	256	83069M4	88.232	ng/mL	
44) C13-BZ#21/#20	26.174	256	205162M4	172.062	ng/mL	
45) C14-BZ#51	26.158	292	72257	86.499	ng/mL	98
46) C14-BZ#45	26.720	292	55204	84.625	ng/mL	99
47) C13-BZ#22	26.952	256	98327	84.642	ng/mL	99
48) C14-BZ#73/#46	27.101	292	150928	173.123	ng/mL	100
49) C14-BZ#69	27.382	292	89140	85.566	ng/mL	98
50) C14-BZ#43	27.465	292	57917	84.181	ng/mL	99
51) C13-BZ#36	27.515	256	114587	88.655	ng/mL	98
52) C14-BZ#52	27.614	292	70784	83.561	ng/mL	98
53) C14-BZ#48	27.780	292	65806	87.429	ng/mL	99
54) C14-BZ#49	27.929	292	68293	84.350	ng/mL	99
55) C15-BZ#104-RTW	28.144	326	71873	85.975	ng/mL	98
56) C14-BZ#47	28.227	292	70621M4	80.884	ng/mL	
57) C14-BZ#65/#75/#62	28.326	292	271735	264.906	ng/mL	99
58) C13-BZ#39	28.376	256	101445	85.158	ng/mL	98
59) C13-BZ#38	28.491	256	102682	89.376	ng/mL	98
60) C14-BZ#44	28.889	292	59832	84.891	ng/mL	97
61) C14-BZ#59	29.104	292	85715	82.929	ng/mL	98
62) C14-BZ#42	29.203	292	59272	88.523	ng/mL	96
63) C14-BZ#71	29.435	292	92621	85.328	ng/mL	99
64) C13-BZ#35	29.551	256	103651	86.272	ng/mL	100
65) C14-BZ#41	29.666	292	57827	87.730	ng/mL	99
66) C14-BZ#72	29.782	292	101259	89.142	ng/mL	100
67) C15-BZ#96	29.815	326	79151	87.560	ng/mL	95
68) C15-BZ#103	29.931	326	63208	90.449	ng/mL	97
69) C14-BZ#68/#64	30.097	292	187365	178.123	ng/mL	99

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071805.D
 Acq On : 7 Mar 2018 3:13 pm
 Operator : BNA2:MJS
 Sample : WG1094741-2,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 09 12:21:40 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) C14-BZ#40	30.213	292	44392	86.661	ng/mL	98
71) C13-BZ#37-RTW	30.428	256	137040	85.794	ng/mL	100
72) C15-BZ#100	30.428	326	66552	88.377	ng/mL	99
73) C15-BZ#94	30.527	326	50997	91.730	ng/mL	100
74) C14-BZ#57	30.626	292	98263	86.926	ng/mL	98
75) C14-BZ#67/#58	30.957	292	202119	177.658	ng/mL	100
76) C15-BZ#102	31.007	326	72263	90.279	ng/mL	100
77) C14-BZ#61	31.305	292	97588	87.093	ng/mL	99
78) C15-BZ#98	31.338	326	65595	89.451	ng/mL	98
79) C14-BZ#76	31.471	292	108890	91.962	ng/mL	99
80) C15-BZ#93	31.454	326	52453	88.672	ng/mL	99
81) C14-BZ#63	31.570	292	90521M4	85.212	ng/mL	
82) C15-BZ#121/#95/#88	31.619	326	216265	275.474	ng/mL	100
83) C14-BZ#74	31.835	292	102025	86.829	ng/mL	100
84) C16-BZ#155-RTW	31.967	360	76991	88.467	ng/mL	100
85) C14-BZ#70	32.000	292	107404	88.748	ng/mL	96
86) C14-BZ#66	32.298	292	96756	88.314	ng/mL	99
87) C15-BZ#91	32.166	326	60565	87.520	ng/mL	100
88) C14-BZ#80	32.563	292	100932	87.984	ng/mL	98
89) C14-BZ#55	32.745	292	104073	88.847	ng/mL	100
90) C15-BZ#92	32.795	326	60497	89.616	ng/mL	98
91) C15-BZ#89/#84	33.076	326	116420	179.960	ng/mL	97
92) C15-BZ#101/#90	33.208	326	130014M4	174.450	ng/mL	
94) C14-BZ#56	33.208	292	104142	89.865	ng/mL	99
95) C15-BZ#113	33.308	326	85229	97.284	ng/mL	98
96) C15-BZ#99	33.572	326	74143	88.098	ng/mL	99
97) C16-BZ#150	33.639	360	83310	89.282	ng/mL	99
98) C14-BZ#60	33.639	292	110393	89.148	ng/mL	99
99) C16-BZ#152	34.003	360	88348	88.314	ng/mL	99
100) C15-BZ#119	34.069	326	95901	94.078	ng/mL	97
101) C15-BZ#83/#125/#112	34.218	326	236721M4	279.055	ng/mL	
102) C15-BZ#86/#109	34.400	326	147544M4	174.941	ng/mL	
103) C15-BZ#97	34.499	326	59191	94.142	ng/mL	97
104) C15-BZ#116	34.963	326	76991	88.733	ng/mL	99
105) C15-BZ#87/#111	35.261	326	159632M4	188.200	ng/mL	
106) Pentachlorobiphenyls	0.000		0	N.D.	d	
107) C15-Conf Ion	0.000		0	N.D.	d	
108) C16-BZ#145	34.433	360	92497	89.561	ng/mL	100
109) C16-BZ#148	34.632	360	63226	89.605	ng/mL	100
110) C14-BZ#79	34.748	292	101989	89.411	ng/mL	99
111) C16-BZ#154-Cal	35.161	360	73367	89.968	ng/mL	99

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071805.D
 Acq On : 7 Mar 2018 3:13 pm
 Operator : BNA2:MJS
 Sample : WG1094741-2,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 09 12:21:40 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112) Hexachlorobiphenyls	0.000		0		N.D.	d
113) Cl6-Conf Ion	0.000		0		N.D.	d
114) Cl4-BZ#78	35.227	292	126259M4	89.423	ng/mL	
115) Cl6-BZ#136	35.310	360	81929M4	90.625	ng/mL	
116) Cl5-BZ#117	35.360	326	89744M4	83.598	ng/mL	
117) Cl5-BZ#115	35.443	326	107243M4	100.809	ng/mL	
118) Cl5-BZ#85	35.525	326	55727	83.868	ng/mL	99
119) Cl5-BZ#120	35.674	326	95327	91.668	ng/mL	100
120) Cl5-BZ#110	35.807	326	88520	88.189	ng/mL	99
121) Cl4-BZ#81	36.187	292	99671	87.040	ng/mL	99
123) Cl6-BZ#151	36.204	360	62746	87.138	ng/mL	99
124) Cl6-BZ#135	36.336	360	68640	90.370	ng/mL	99
125) Cl5-BZ#82	36.518	326	58954	90.740	ng/mL	98
126) Cl6-BZ#144	36.535	360	65897	88.993	ng/mL	99
127) Cl6-BZ#147/#149	36.849	360	140760	178.044	ng/mL	98
128) Cl4-BZ#77-RTW	36.949	292	92908M4	85.994	ng/mL	
129) Cl6-BZ#143/#139	37.081	360	137475	180.938	ng/mL	100
130) Cl5-BZ#124	37.230	326	92754	90.800	ng/mL	99
131) Cl5-BZ#108	37.528	326	102344	98.630	ng/mL	100
132) Cl5-BZ#107/#123	37.611	326	197744M4	178.738	ng/mL	
133) Cl6-BZ#140	37.263	360	66641	90.755	ng/mL	99
134) Cl7-BZ#188-Cal/RTW	37.627	394	79309	91.844	ng/mL	99
135) Heptachlorobiphenyls	0.000		0		N.D.	d
136) Cl7-Conf Ion	0.000		0		N.D.	d
137) Cl6-BZ#134	37.710	360	56029	89.527	ng/mL	92
138) Cl5-BZ#106	37.743	326	97188M4	96.612	ng/mL	
139) Cl6-BZ#133	37.826	360	87627M4	102.873	ng/mL	
140) Cl6-BZ#142	37.876	360	41465M4	72.436	ng/mL	
141) Cl5-BZ#118	37.991	326	88874	91.022	ng/mL	98
142) Cl6-BZ#131	37.991	360	60044	91.045	ng/mL	100
143) Cl7-BZ#184	38.124	394	76446	89.579	ng/mL	98
144) Cl6-BZ#165	38.174	360	85709	92.373	ng/mL	97
145) Cl6-BZ#146	38.289	360	70381	86.648	ng/mL	99
146) Cl6-BZ#161	38.455	360	94610	91.554	ng/mL	99
147) Cl5-BZ#122	38.438	326	82764	92.007	ng/mL	100
148) Cl6-BZ#168	38.687	360	99266	99.967	ng/mL	99
149) Cl5-BZ#114	38.720	326	90271	91.385	ng/mL	99
150) Cl6-BZ#153	38.753	360	69040	78.092	ng/mL	97
152) Cl6-BZ#132	39.018	360	62770	88.468	ng/mL	99
153) Cl7-BZ#179	39.266	394	76056	86.322	ng/mL	98
154) Cl6-BZ#141	39.580	360	63275	89.142	ng/mL	99

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071805.D
 Acq On : 7 Mar 2018 3:13 pm
 Operator : BNA2:MJS
 Sample : WG1094741-2,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 09 12:21:40 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
155) C17-BZ#176	39.762	394	73043	87.289	ng/mL	100
156) C15-BZ#105	39.829	326	103724	85.805	ng/mL#	81
157) C16-BZ#137	40.011	360	66235	91.037	ng/mL	98
158) C15-BZ#127	40.160	326	116248	87.668	ng/mL#	74
159) C17-BZ#186	40.093	394	84231	90.450	ng/mL	100
160) C16-BZ#130/#164	40.342	360	156230	184.076	ng/mL	99
161) C17-BZ#178	40.640	394	56343	88.293	ng/mL	99
162) C16-BZ#138	40.706	360	81258	94.186	ng/mL	98
163) C16-BZ#163/#160	40.822	360	181404M4	185.932	ng/mL	
164) C16-BZ#129/#158	41.004	360	143264M4	176.151	ng/mL	
165) C17-BZ#182/#175	41.037	394	135897	186.044	ng/mL	99
166) C17-BZ#187	41.219	394	65949	88.151	ng/mL	96
167) C17-BZ#183	41.600	394	63833	88.777	ng/mL	100
168) C16-BZ#166	41.964	360	93386	88.115	ng/mL	98
169) C16-BZ#159	42.228	360	95304	89.924	ng/mL	98
170) C15-BZ#126-RTW	42.444	326	116948	90.233	ng/mL	89
171) C17-BZ#185	42.477	394	59952	89.638	ng/mL	100
172) C16-BZ#162	42.559	360	91731	93.395	ng/mL	98
173) C17-BZ#174	42.708	394	59900	90.206	ng/mL	100
174) C16-BZ#128	42.708	360	66659	91.769	ng/mL	100
175) C16-BZ#167	43.006	360	116750	89.582	ng/mL	94
176) C18-BZ#202-RTW	42.957	428	68594	91.284	ng/mL	100
178) C17-BZ#181	43.089	394	69315	92.847	ng/mL	97
179) C17-BZ#177	43.420	394	58917	91.021	ng/mL	99
180) C18-BZ#204/#200-Cal	43.519	428	133744	181.244	ng/mL	99
181) Octachlorobiphenyls	0.000		0	N.D.	d	
182) C18-Conf Ion	0.000		0	N.D.	d	
183) C17-BZ#171	43.735	394	57213	90.246	ng/mL	97
184) C17-BZ#173	43.950	394	55580	88.980	ng/mL	100
185) C17-BZ#172	44.397	394	59710	88.908	ng/mL	98
186) C17-BZ#192	44.595	394	82815	90.032	ng/mL	100
187) C16-BZ#156	44.612	360	91319	89.921	ng/mL	99
188) C16-BZ#157	44.860	360	92819	88.481	ng/mL	97
189) C17-BZ#180	44.893	394	73146	89.527	ng/mL	97
190) C17-BZ#193	44.992	394	73528	87.447	ng/mL	99
191) C18-BZ#197	44.032	428	68161	90.495	ng/mL	99
192) C17-BZ#191	45.323	394	77630	88.912	ng/mL	97
193) C18-BZ#199	45.141	428	65544	87.573	ng/mL	99
194) C18-BZ#198	46.681	428	54568	85.906	ng/mL	99
195) C18-BZ#201	46.780	428	48908	89.213	ng/mL	98
196) C17-BZ#170	46.896	394	55282	87.391	ng/mL	97

Quantitation Report (QT Reviewed)

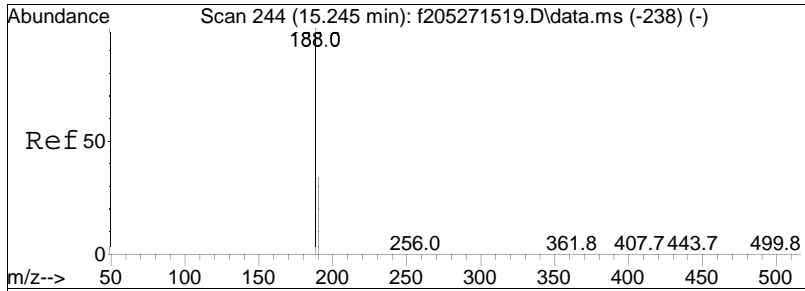
Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071805.D
 Acq On : 7 Mar 2018 3:13 pm
 Operator : BNA2:MJS
 Sample : WG1094741-2,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 09 12:21:40 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

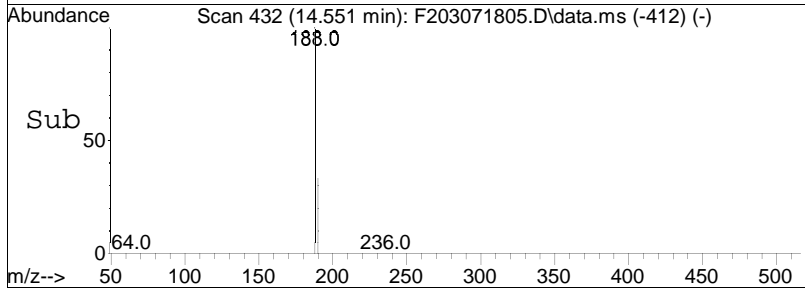
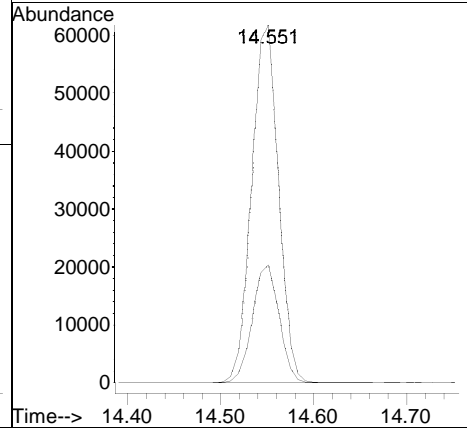
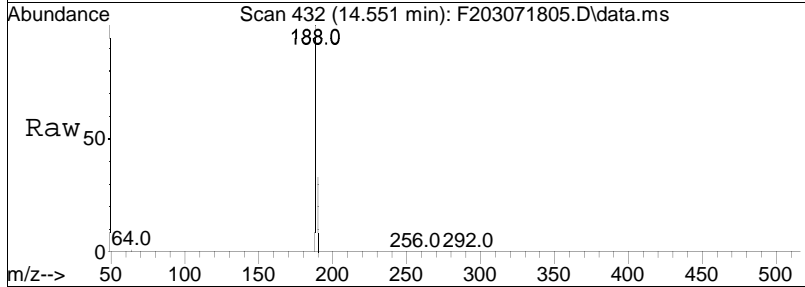
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
197) C17-BZ#190	47.227	394	82614	89.726	ng/mL	98
198) C18-BZ#196	47.227	428	57983	97.530	ng/mL	99
199) C18-BZ#203	47.310	428	52518	81.763	ng/mL	100
200) C16-BZ#169-RTW	47.591	360	97505	86.924	ng/mL	99
201) C19-BZ#208-RTW	48.733	464	66172	83.305	ng/mL	99
202) C19-BZ#207	49.411	464	67391	86.927	ng/mL	96
203) C17-BZ#189-RTW	49.593	394	73347	87.511	ng/mL	99
204) C18-BZ#195	49.742	428	50141	85.821	ng/mL	95
205) C18-BZ#194	51.414	428	52570	84.046	ng/mL	97
206) C18-BZ#205-RTW	51.993	428	64185	83.733	ng/mL	98
207) C19-BZ#206-Cal/RTW	54.029	464	52908	82.779	ng/mL	98
208) Nonachlorobiphenyls	0.000		0	N.D.	d	
209) C19-Conf Ion	0.000		0	N.D.	d	
210) C110-BZ#209-Cal/RTW	56.297	498	51751	81.637	ng/mL#	81
211) Decachlorobiphenyl	0.000		0	N.D.	d	
212) C110-Conf Ion	0.000		0	N.D.	d	

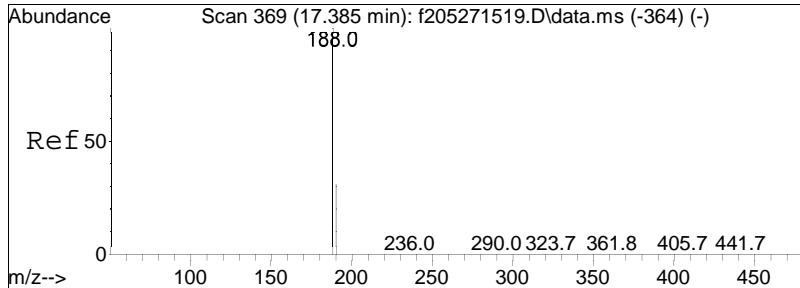
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
 Cl1-BZ#1-Cal/RTW
 Concen: 85.92 ng/mL
 RT: 14.551 min Scan# 432
 Delta R.T. 0.008 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

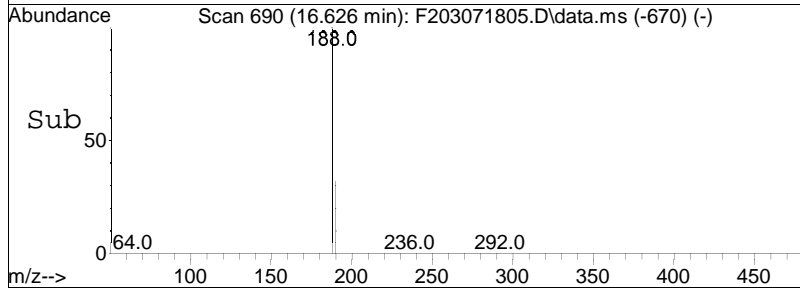
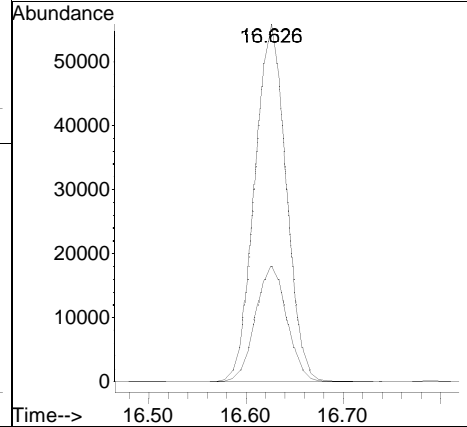
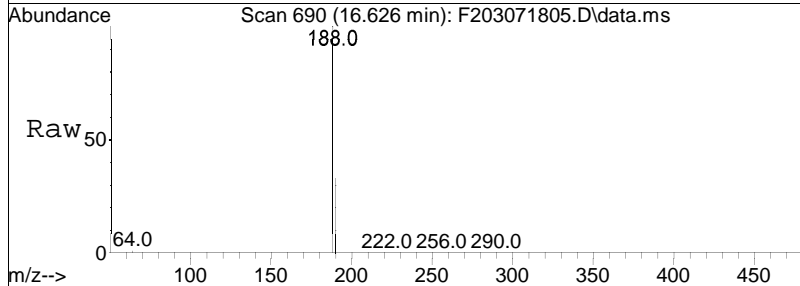
Tgt Ion:188 Resp: 122653
 Ion Ratio Lower Upper
 188 100
 190 33.0 26.2 39.4

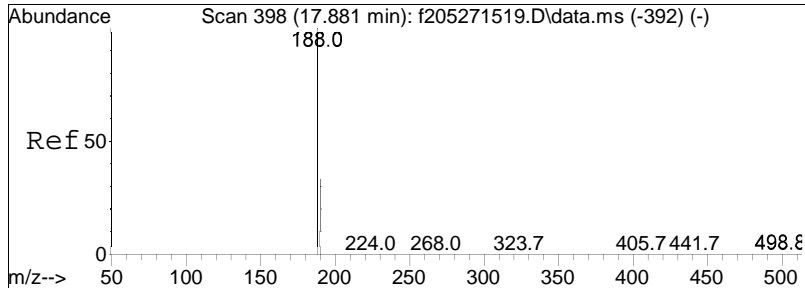




#6
 C11-BZ#2
 Concen: 82.67 ng/mL
 RT: 16.626 min Scan# 690
 Delta R.T. 0.008 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

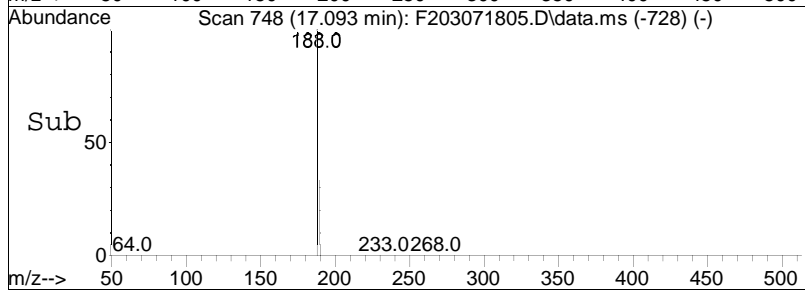
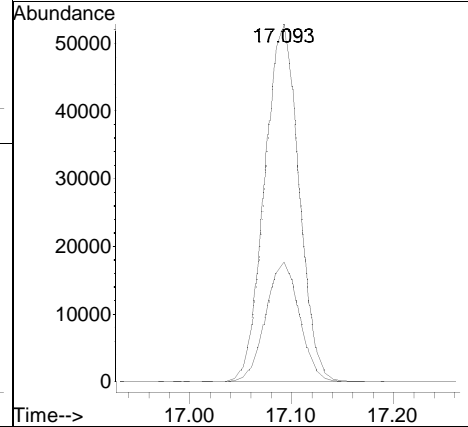
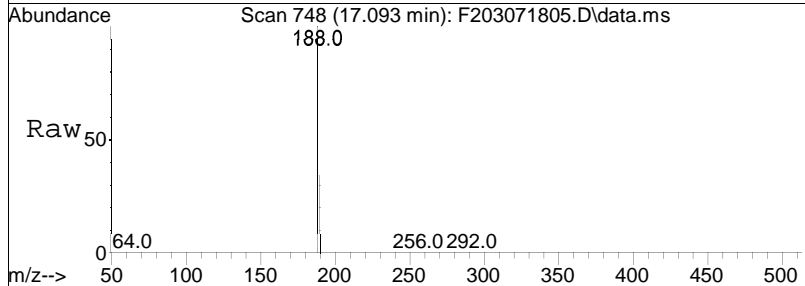
Tgt Ion	Resp	Lower	Upper
188	100		
190	32.5	26.1	39.1

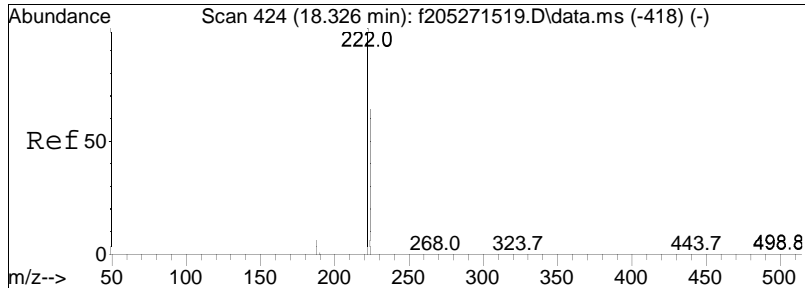




#7
 C11-BZ#3-RTW
 Concen: 82.93 ng/mL
 RT: 17.093 min Scan# 748
 Delta R.T. 0.008 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

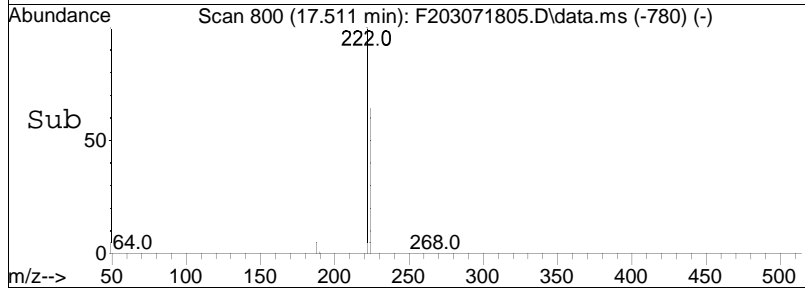
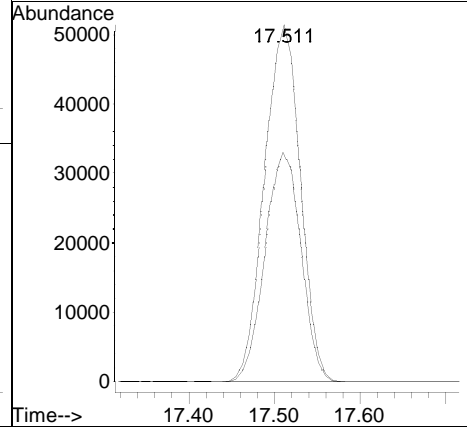
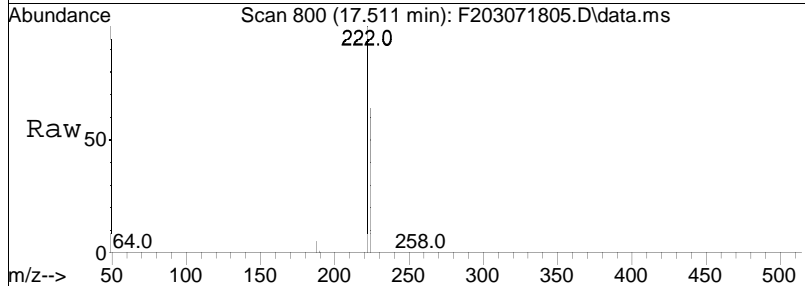
Tgt Ion: 188 Resp: 122294
 Ion Ratio Lower Upper
 188 100
 190 33.6 26.7 40.1

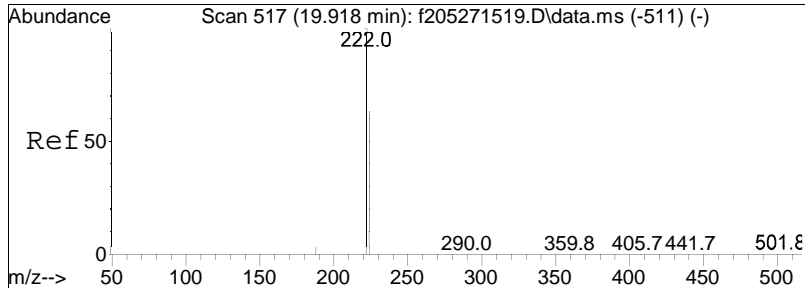




#8
 Cl2-BZ#4/#10-RTW
 Concen: 172.93 ng/mL
 RT: 17.511 min Scan# 800
 Delta R.T. 0.008 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

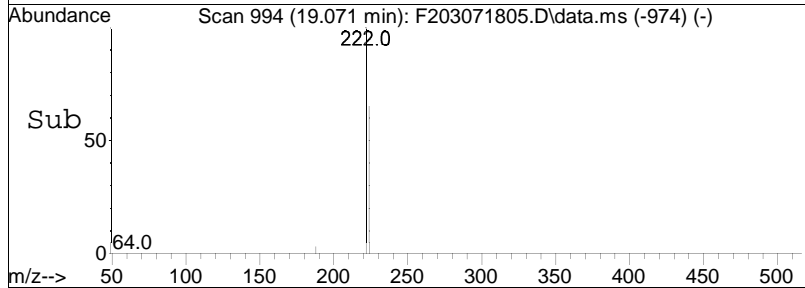
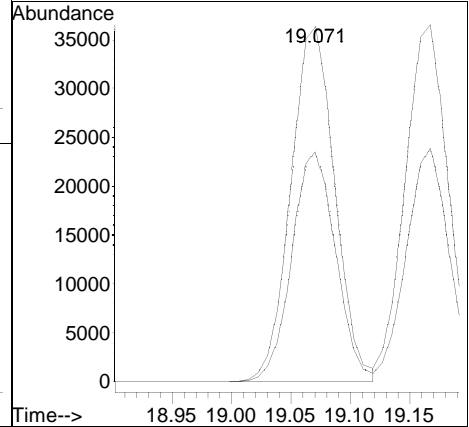
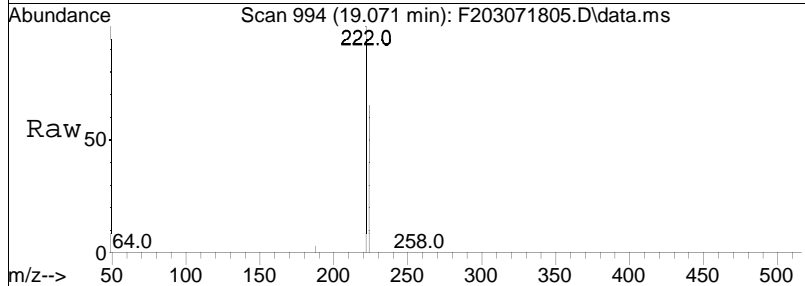
Tgt Ion	Resp	Lower	Upper
222	100		
224	64.6	52.4	78.6

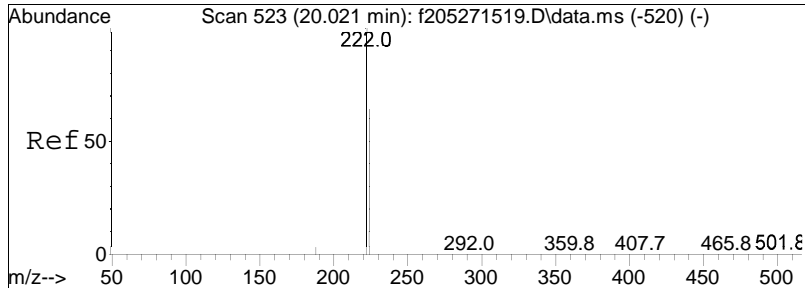




#9
 Cl2-BZ#9
 Concen: 83.88 ng/mL
 RT: 19.071 min Scan# 994
 Delta R.T. 0.008 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

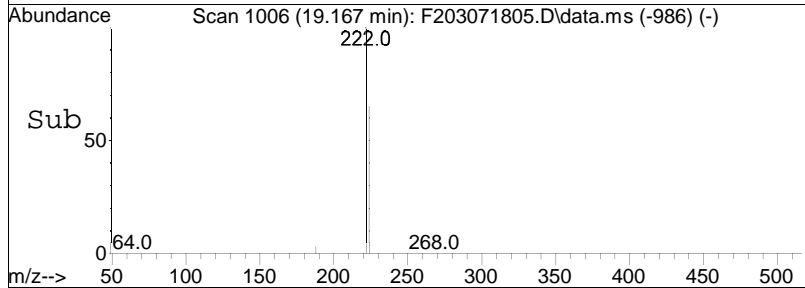
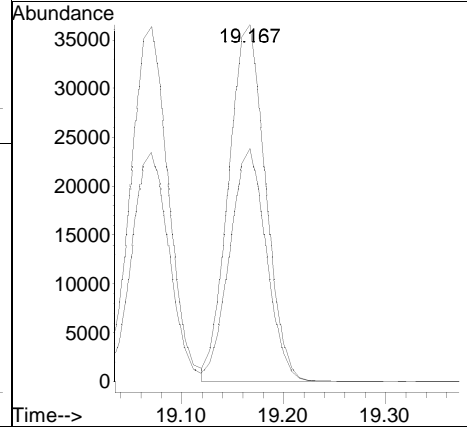
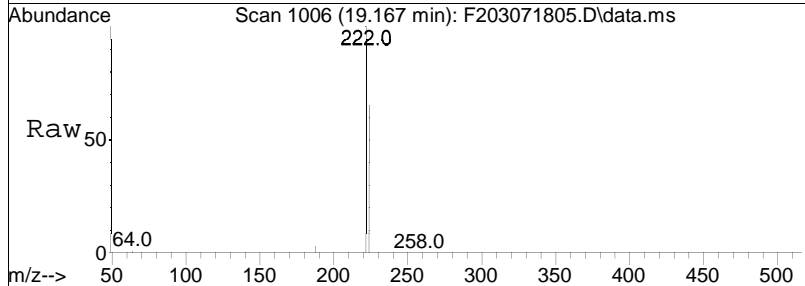
Tgt Ion: 222 Resp: 93028
 Ion Ratio Lower Upper
 222 100
 224 64.6 52.1 78.1

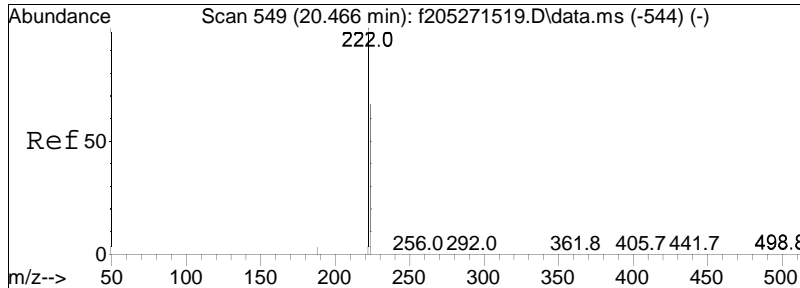




#10
 Cl2-BZ#7
 Concen: 84.85 ng/mL
 RT: 19.167 min Scan# 1006
 Delta R.T. 0.008 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

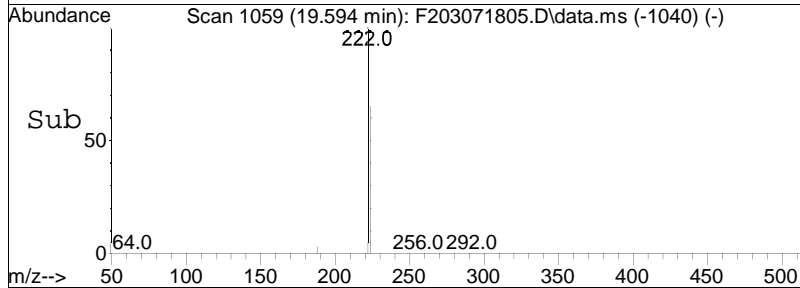
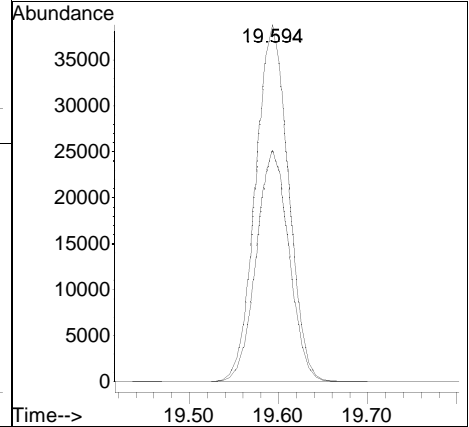
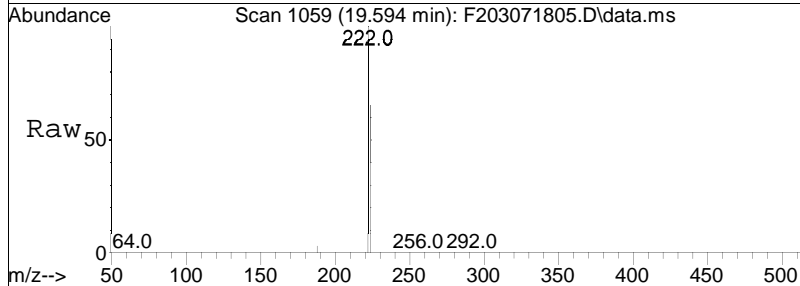
Tgt Ion	Ratio	Lower	Upper
222	100		
224	65.4	52.3	78.5

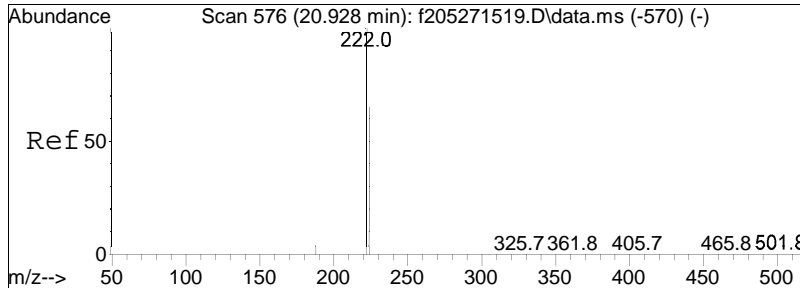




#11
 Cl2-BZ#6
 Concen: 83.00 ng/mL
 RT: 19.594 min Scan# 1059
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

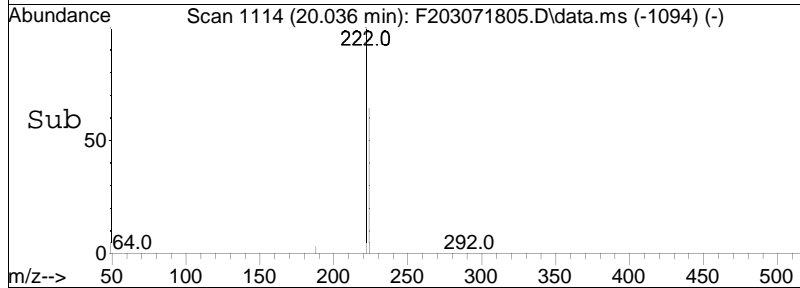
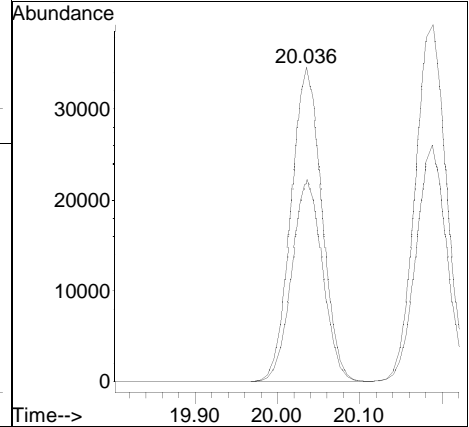
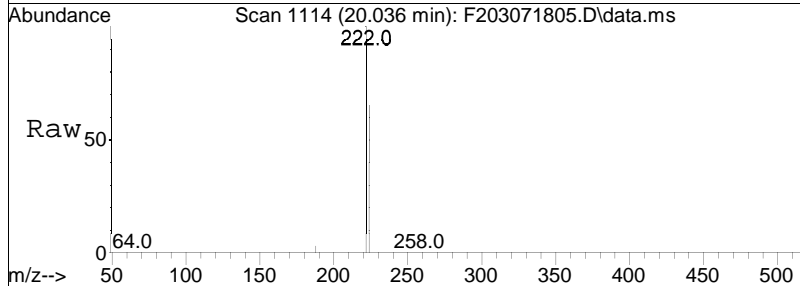
Tgt Ion	Ratio	Lower	Upper
222	100		
224	64.9	51.1	76.7

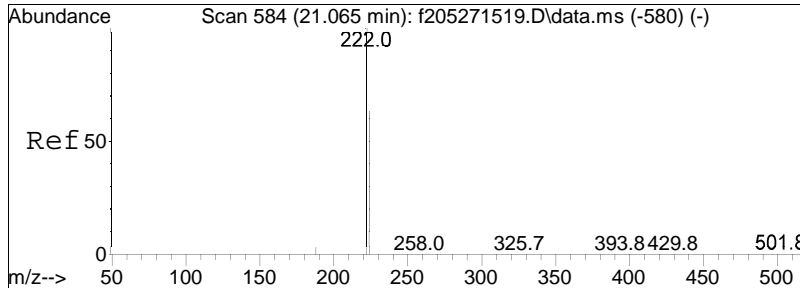




#12
 Cl2-BZ#5
 Concen: 83.22 ng/mL
 RT: 20.036 min Scan# 1114
 Delta R.T. 0.008 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

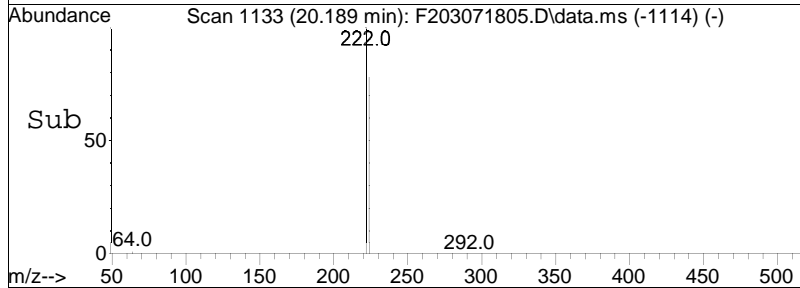
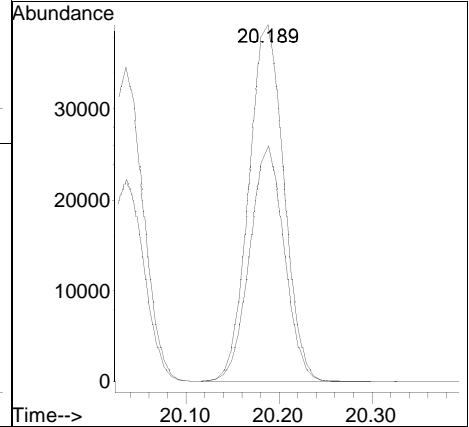
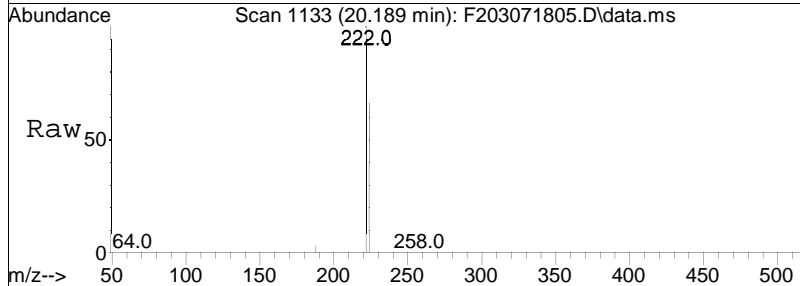
Tgt Ion	Resp	Lower	Upper
222	100		
224	64.2	51.8	77.6

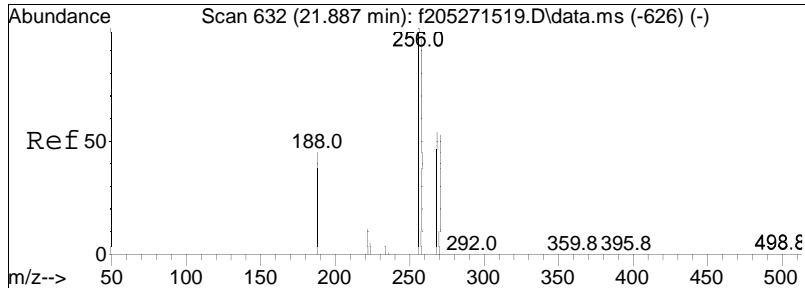




#13
 Cl2-BZ#8
 Concen: 83.91 ng/mL
 RT: 20.189 min Scan# 1133
 Delta R.T. 0.008 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

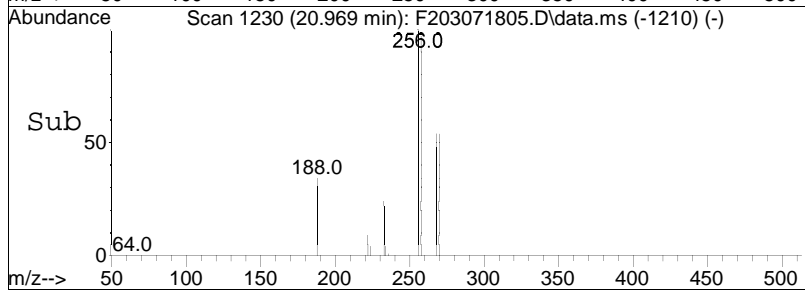
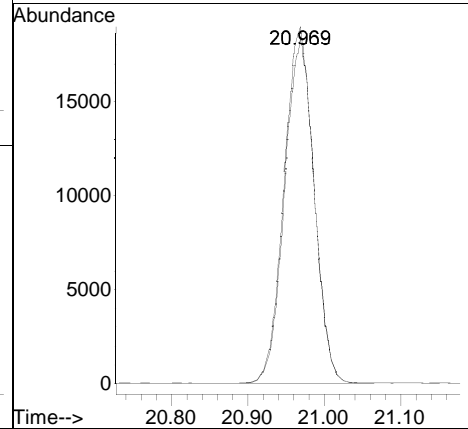
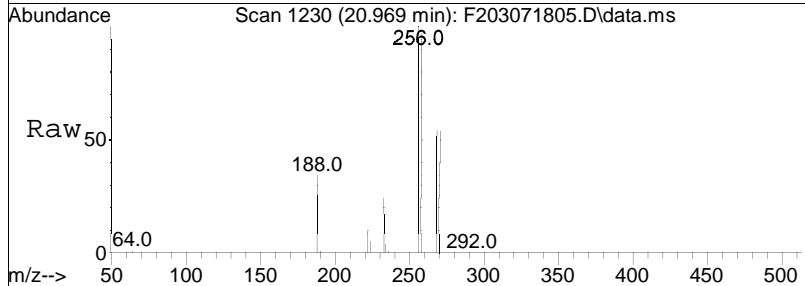
Tgt Ion: 222 Resp: 103146
 Ion Ratio Lower Upper
 222 100
 224 65.1 52.2 78.4

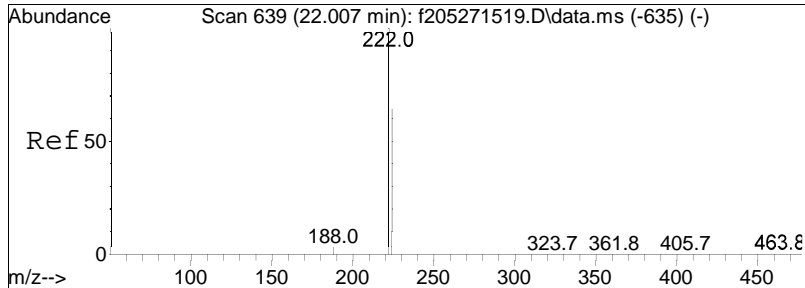




#16
 C13-BZ#19-RTW
 Concen: 84.04 ng/mL
 RT: 20.969 min Scan# 1230
 Delta R.T. 0.008 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

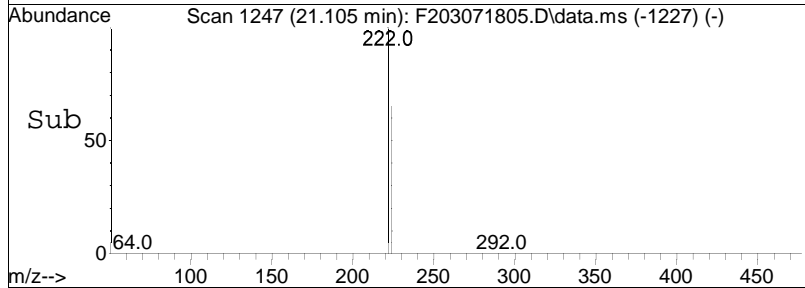
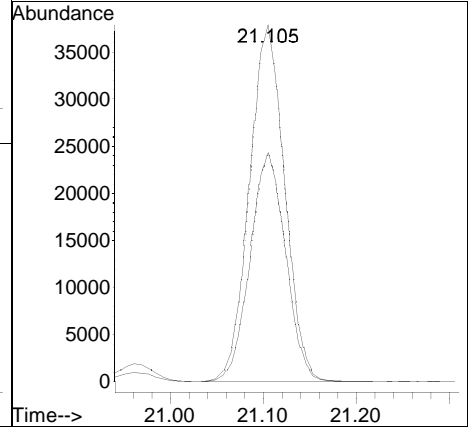
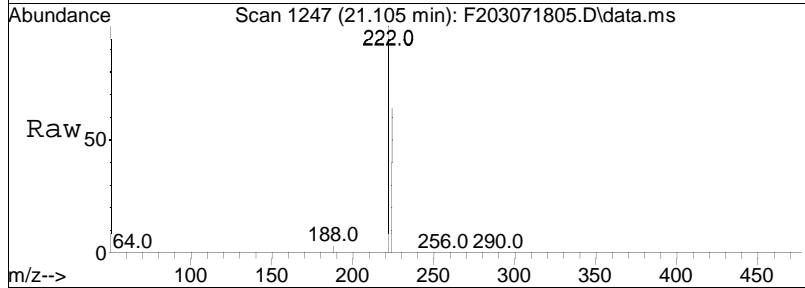
Tgt Ion	Resp	Lower	Upper
256	100		
258	96.8	76.5	114.7

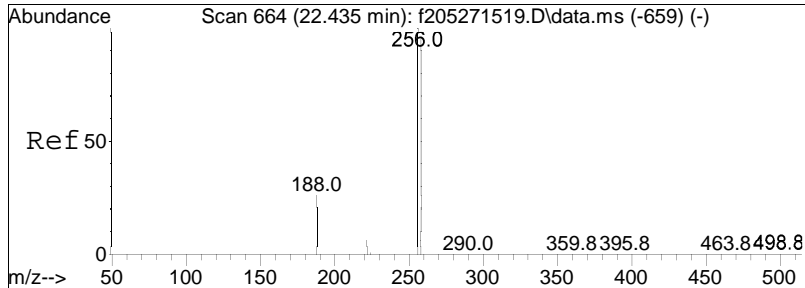




#17
 Cl2-BZ#14
 Concen: 83.42 ng/mL
 RT: 21.105 min Scan# 1247
 Delta R.T. 0.008 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

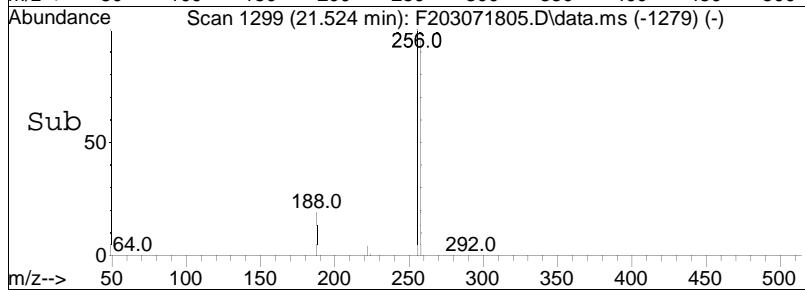
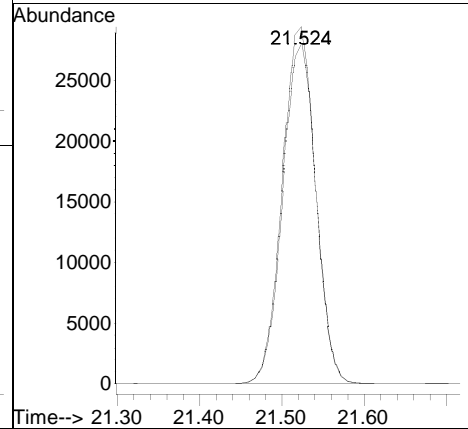
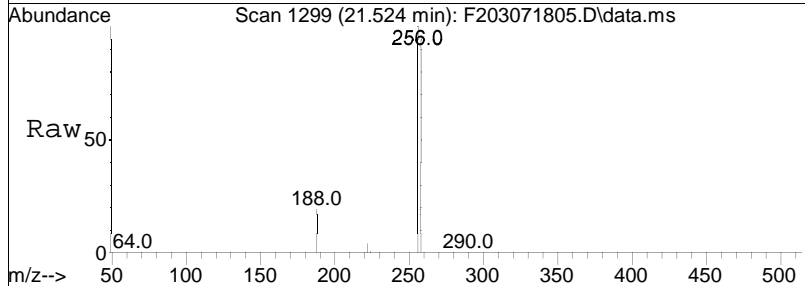
Tgt Ion	Resp	Lower	Upper
222	100		
224	64.5	53.3	79.9

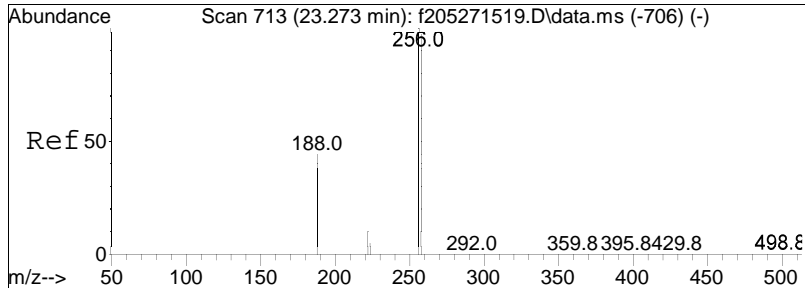




#18
 C13-BZ#30
 Concen: 84.52 ng/mL
 RT: 21.524 min Scan# 1299
 Delta R.T. 0.008 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

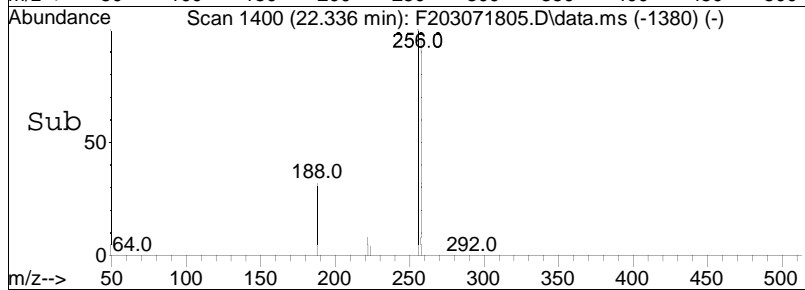
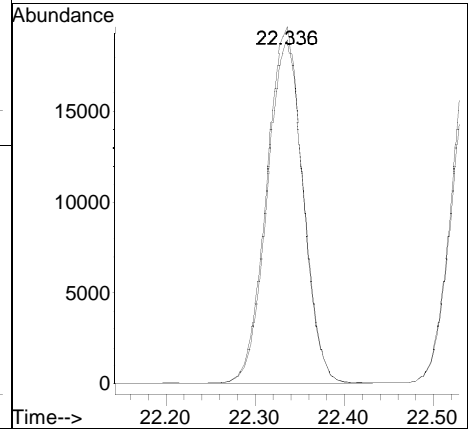
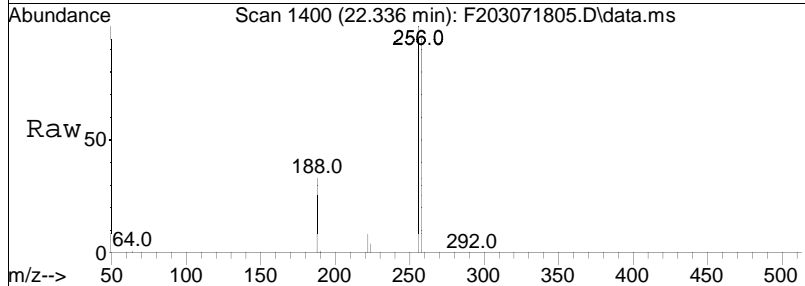
Tgt Ion	Resp	Lower	Upper
256	100		
258	95.9	76.4	114.6

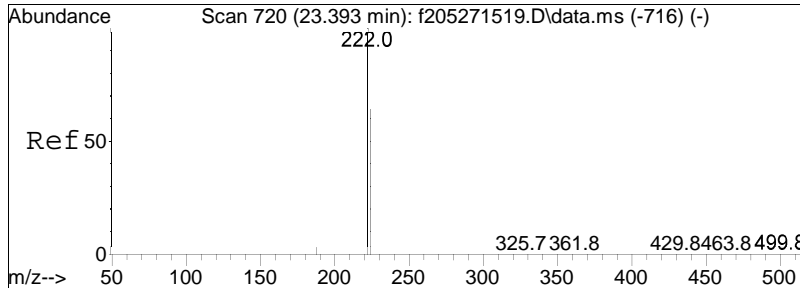




#19
 C13-BZ#18
 Concen: 81.77 ng/mL
 RT: 22.336 min Scan# 1400
 Delta R.T. 0.008 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

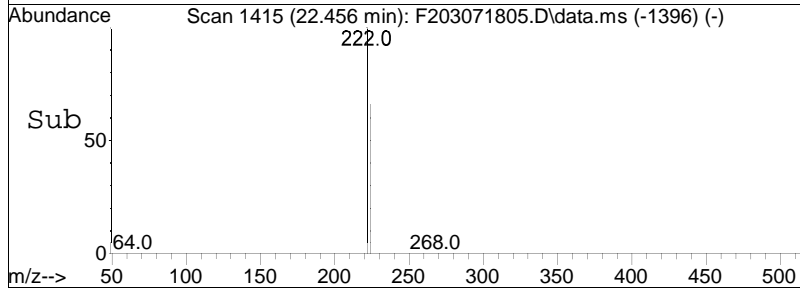
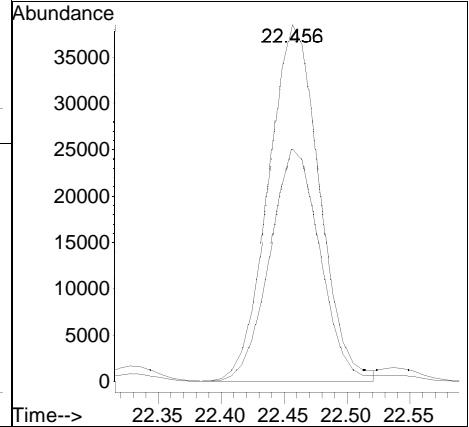
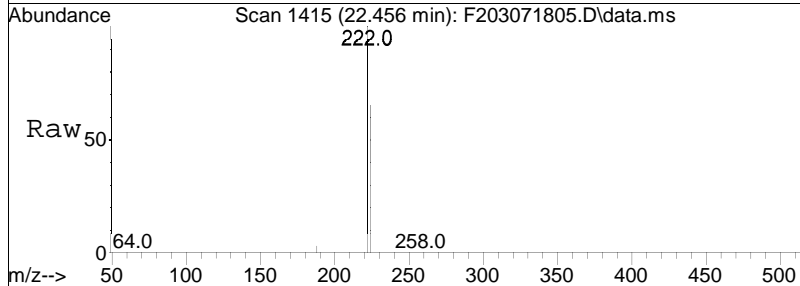
Tgt Ion	Resp	Lower	Upper
256	100		
258	96.4	74.7	112.1

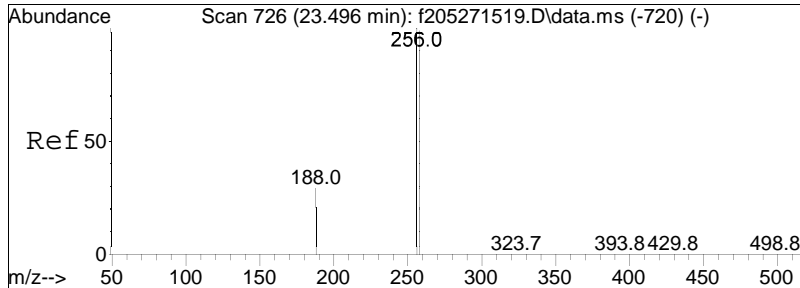




#20
 Cl2-BZ#11
 Concen: 84.55 ng/mL
 RT: 22.456 min Scan# 1415
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

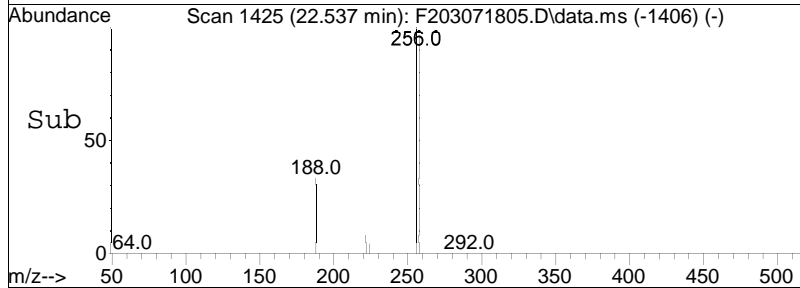
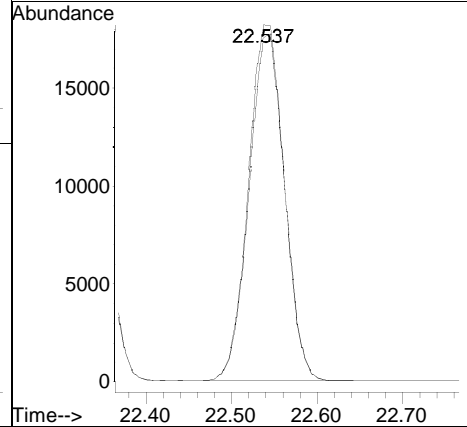
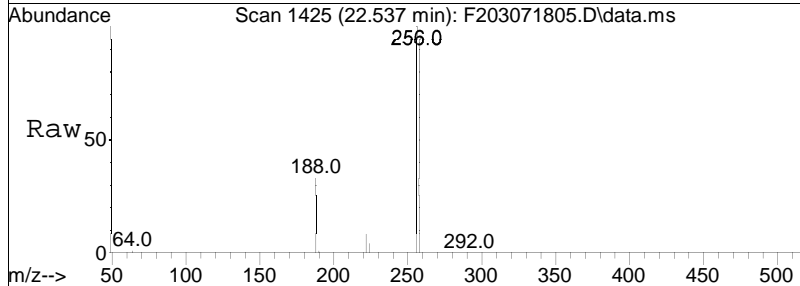
Tgt Ion	Resp	Lower	Upper
222	107648		
224	64.1	50.9	76.3

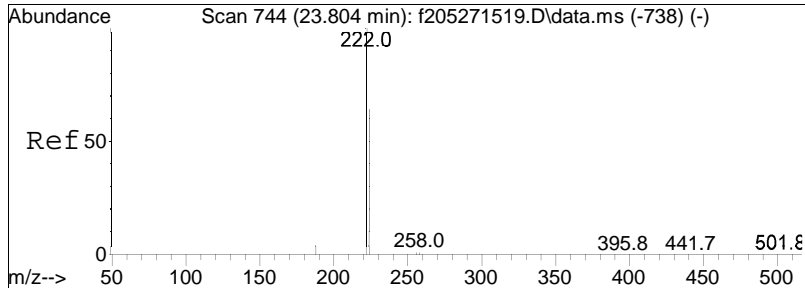




#21
 C13-BZ#17
 Concen: 83.97 ng/mL
 RT: 22.537 min Scan# 1425
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

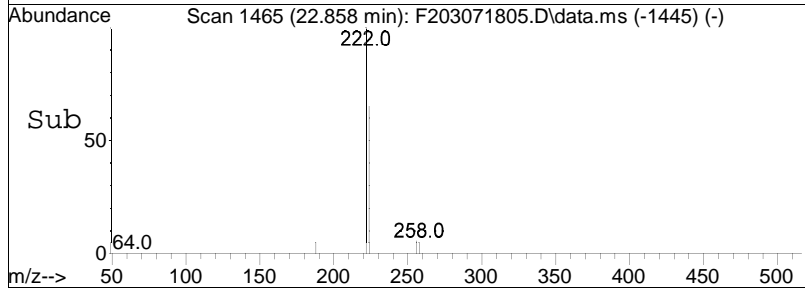
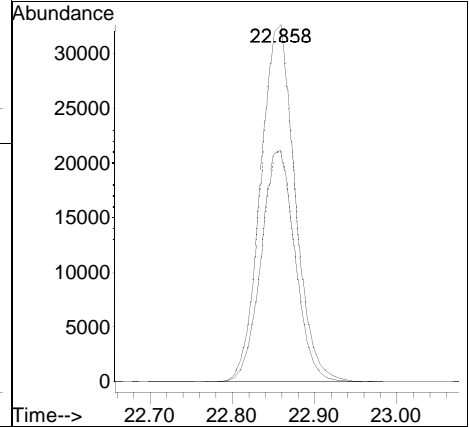
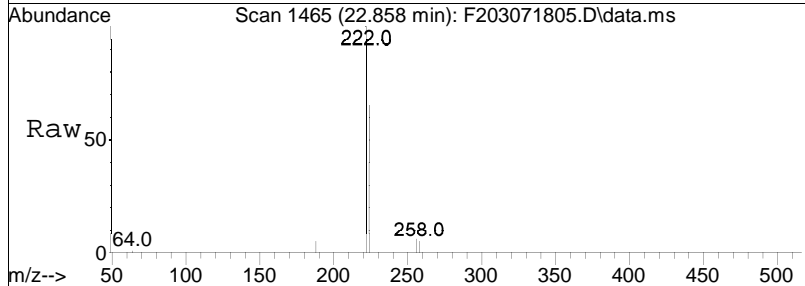
Tgt Ion	Resp	Lower	Upper
256	100		
258	96.3	76.3	114.5

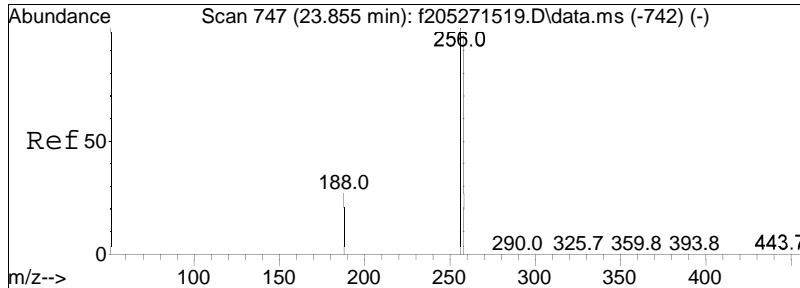




#22
 Cl2-BZ#12
 Concen: 83.79 ng/mL
 RT: 22.858 min Scan# 1465
 Delta R.T. 0.008 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

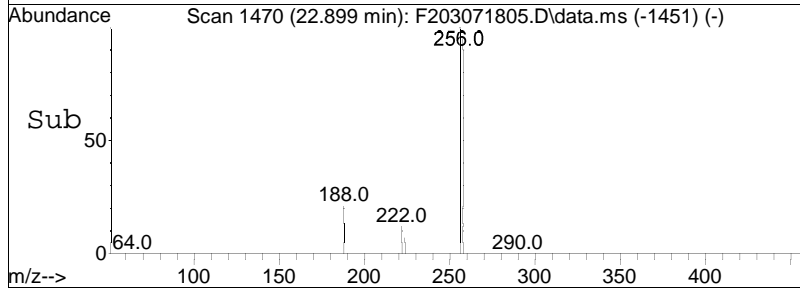
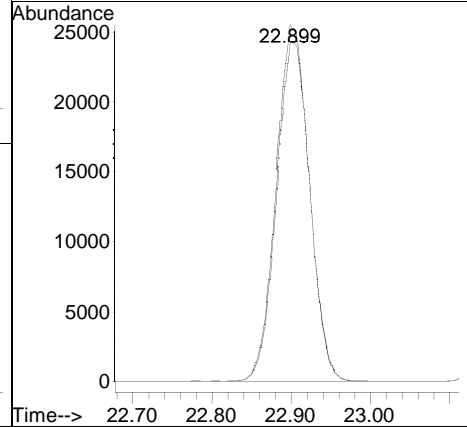
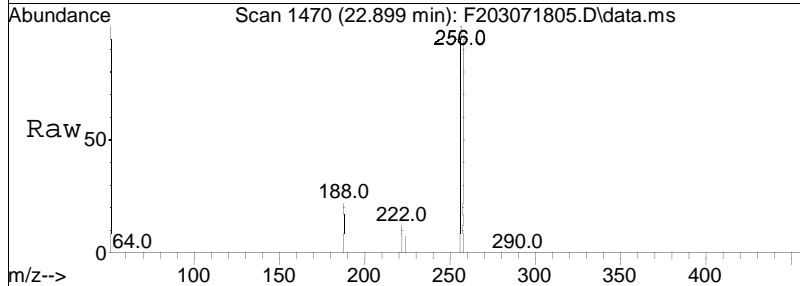
Tgt Ion: 222 Resp: 94379
 Ion Ratio Lower Upper
 222 100
 224 64.1 52.2 78.4

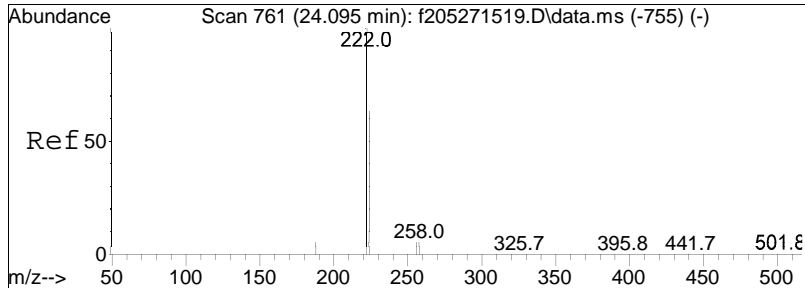




#23
 C13-BZ#27
 Concen: 84.50 ng/mL
 RT: 22.899 min Scan# 1470
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

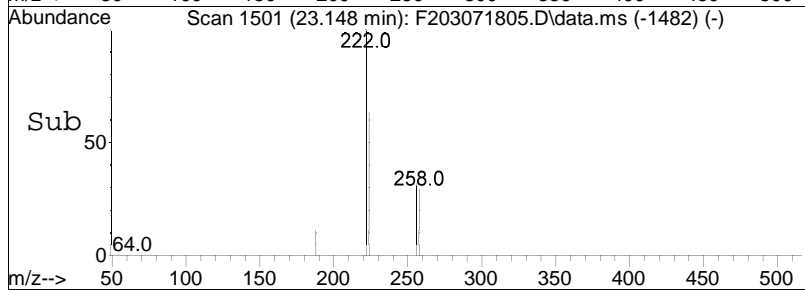
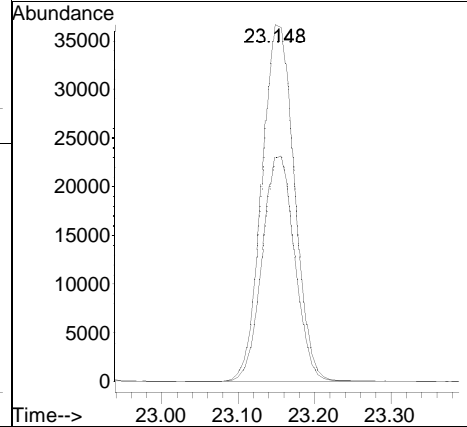
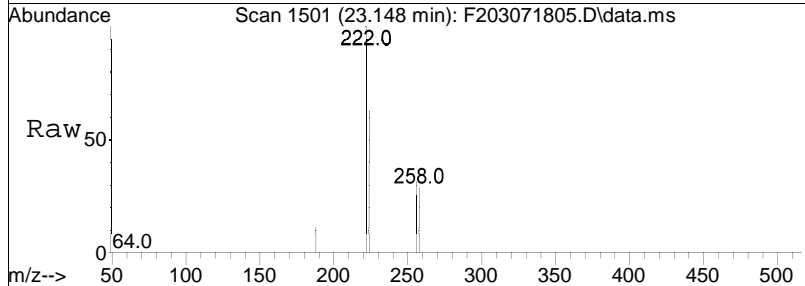
Tgt Ion	Resp	Lower	Upper
256	100		
258	96.0	75.5	113.3

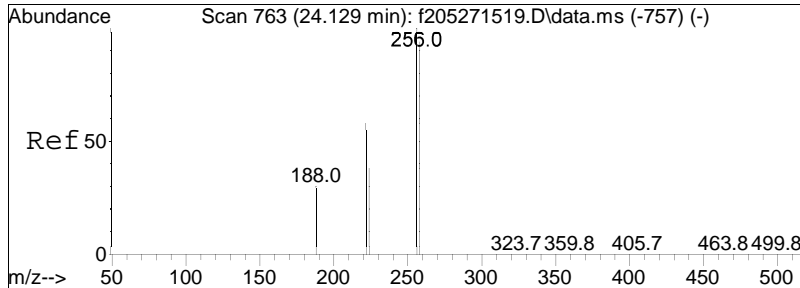




#24
 Cl2-BZ#13
 Concen: 82.74 ng/mL
 RT: 23.148 min Scan# 1501
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

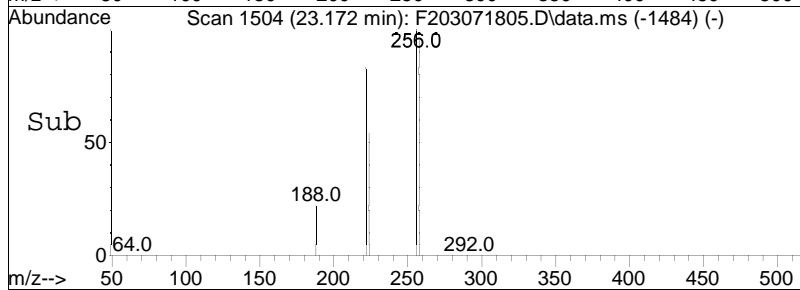
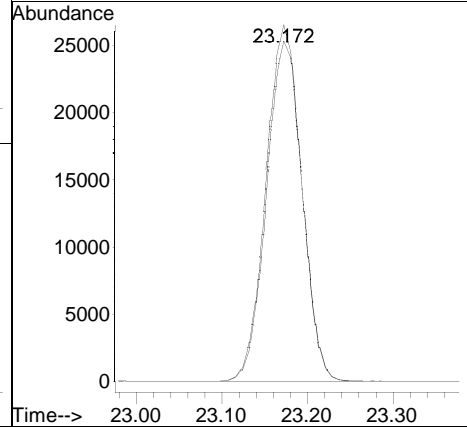
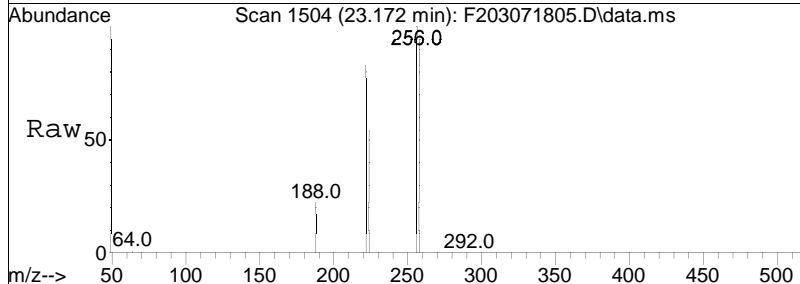
Tgt Ion	Ratio	Lower	Upper
222	100		
224	63.3	51.4	77.2

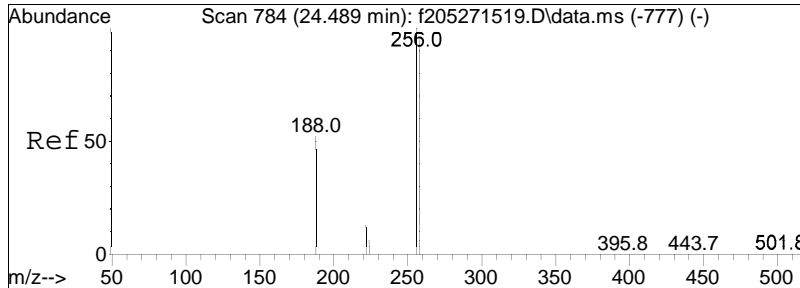




#25
 C13-BZ#24
 Concen: 85.14 ng/mL
 RT: 23.172 min Scan# 1504
 Delta R.T. 0.008 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

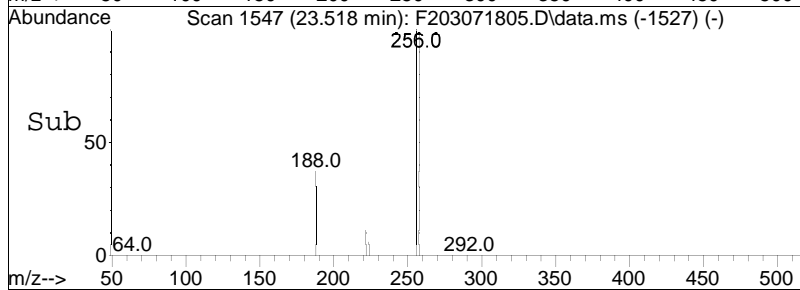
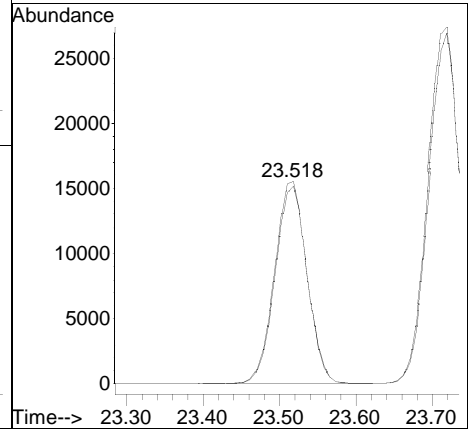
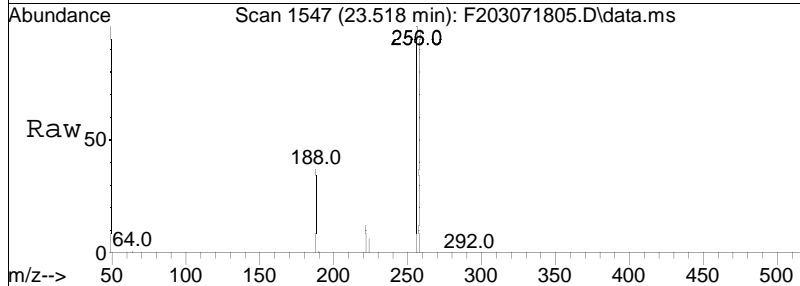
Tgt Ion	Resp	Lower	Upper
256	100		
258	96.0	75.8	113.6

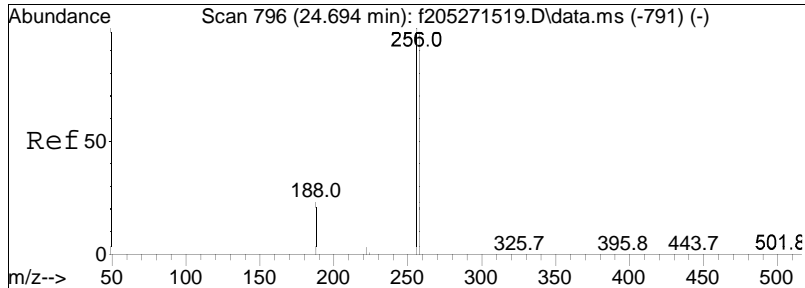




#26
 C13-BZ#16
 Concen: 82.40 ng/mL
 RT: 23.518 min Scan# 1547
 Delta R.T. 0.008 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

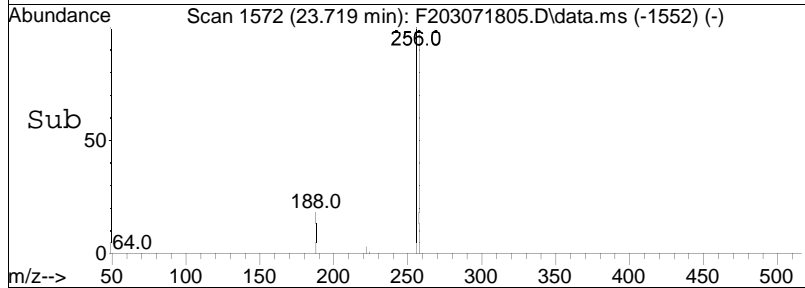
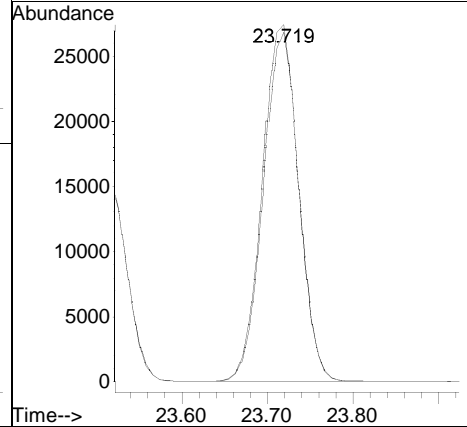
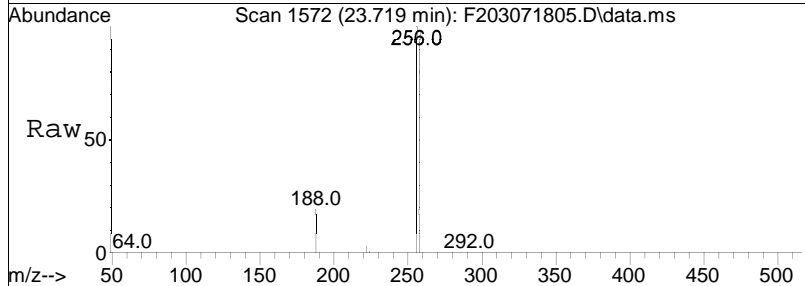
Tgt Ion	Resp	Lower	Upper
256	100		
258	97.1	74.2	111.4

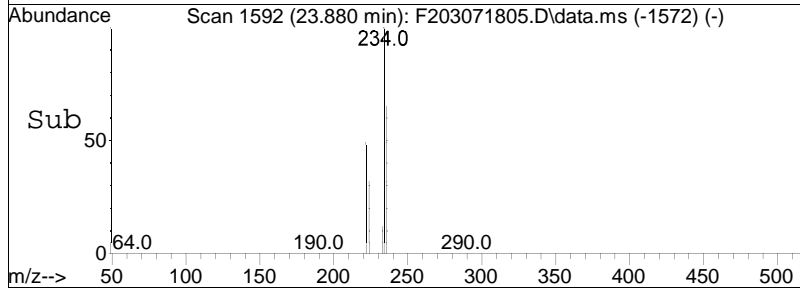
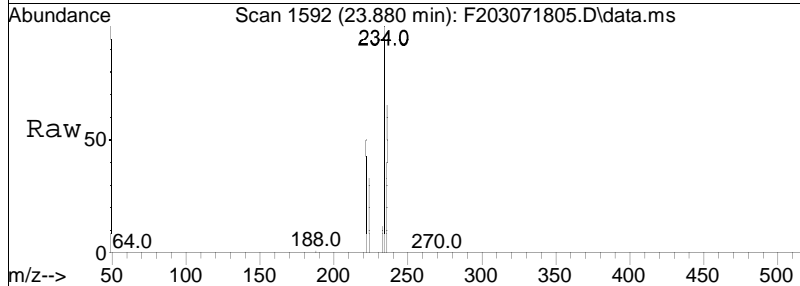
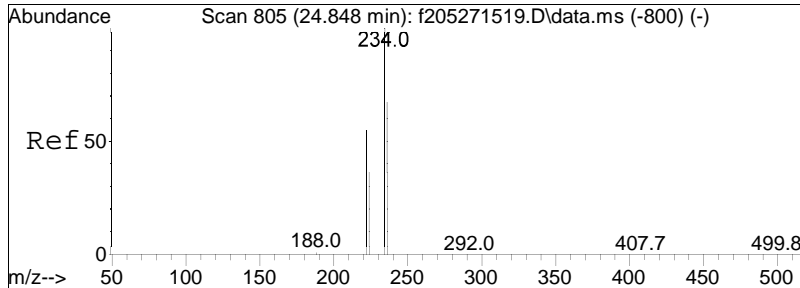




#27
 C13-BZ#32
 Concen: 83.45 ng/mL
 RT: 23.719 min Scan# 1572
 Delta R.T. 0.008 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

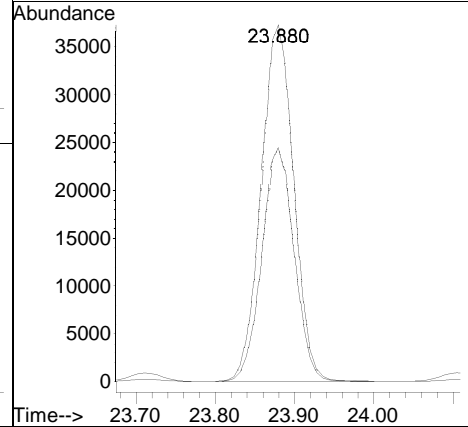
Tgt Ion	Resp	Lower	Upper
256	100		
258	96.2	75.0	112.4

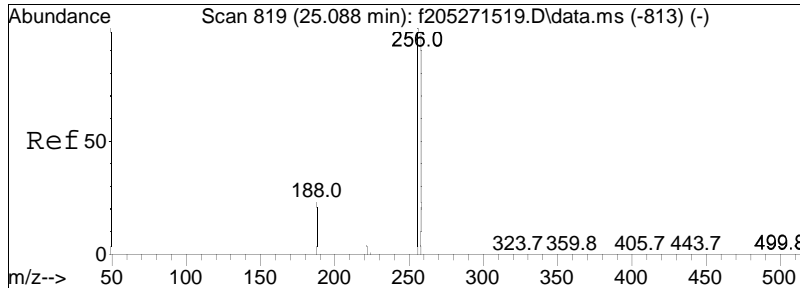




#28
 Cl2-BZ#15-RTW
 Concen: 80.42 ng/mL
 RT: 23.880 min Scan# 1592
 Delta R.T. 0.008 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

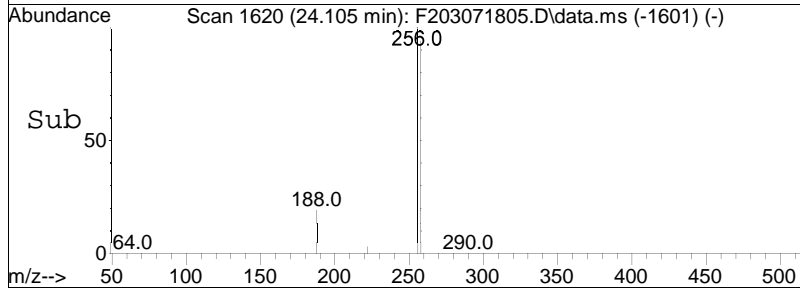
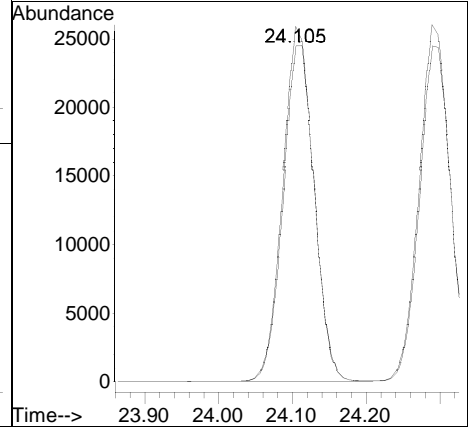
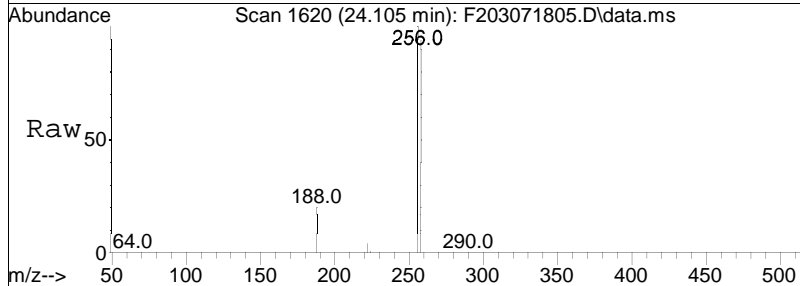
Tgt Ion: 222 Resp: 105757
 Ion Ratio Lower Upper
 222 100
 224 65.5 51.7 77.5

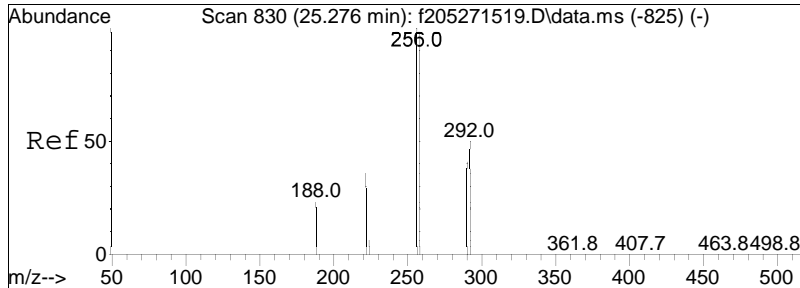




#29
 C13-BZ#34
 Concen: 83.74 ng/mL
 RT: 24.105 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

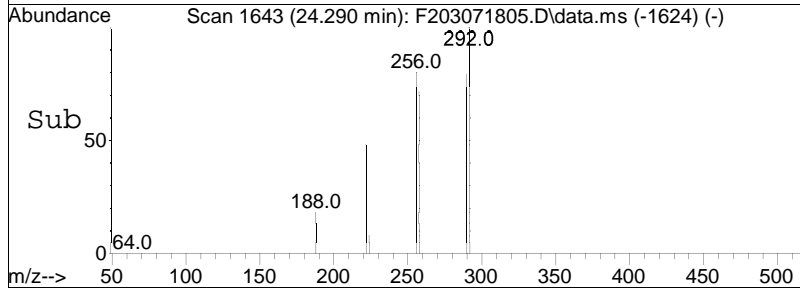
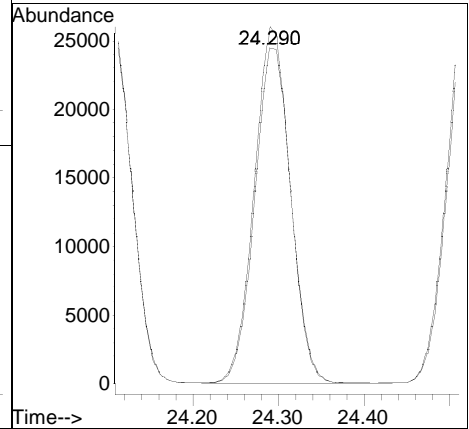
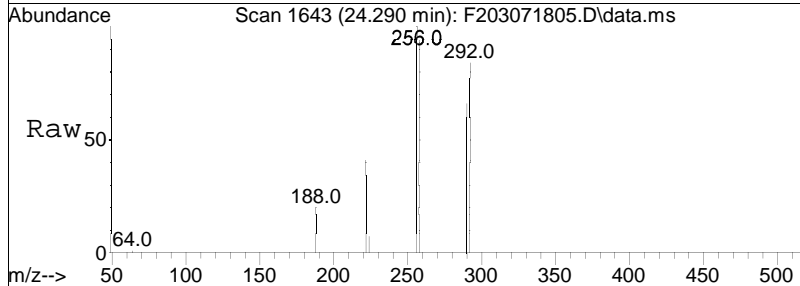
Tgt Ion	Resp	Lower	Upper
256	100		
258	96.0	77.1	115.7

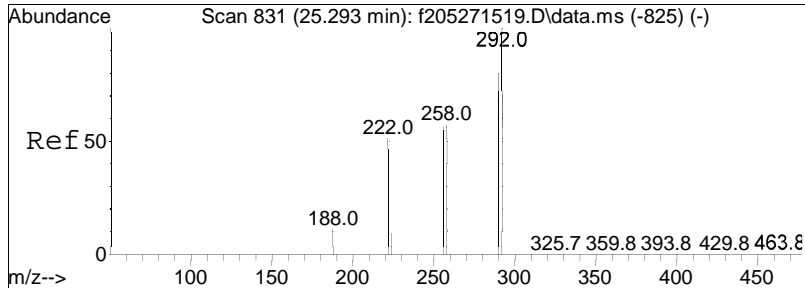




#30
 C13-BZ#23
 Concen: 85.72 ng/mL
 RT: 24.290 min Scan# 1643
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

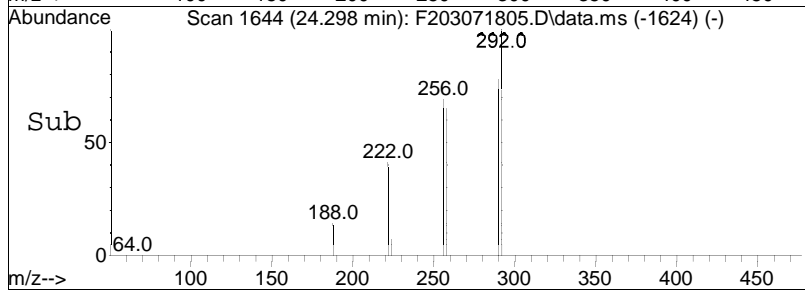
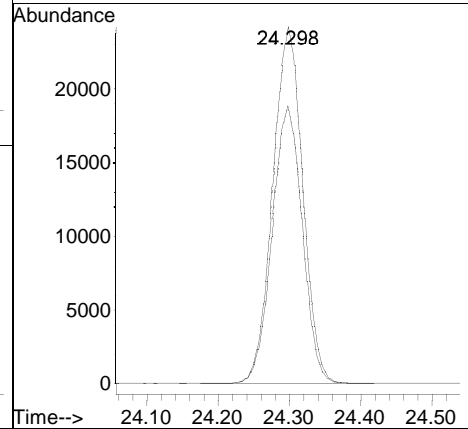
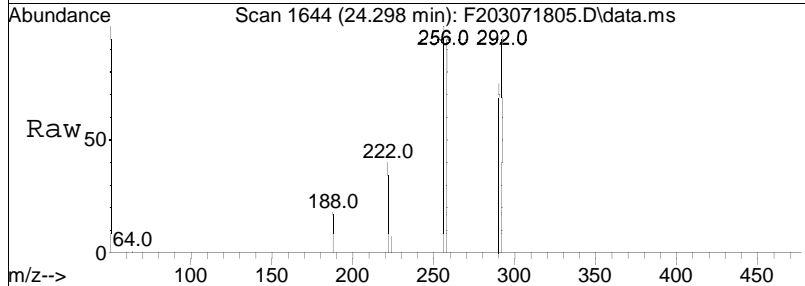
Tgt Ion: 256 Resp: 75497
 Ion Ratio Lower Upper
 256 100
 258 95.3 76.7 115.1

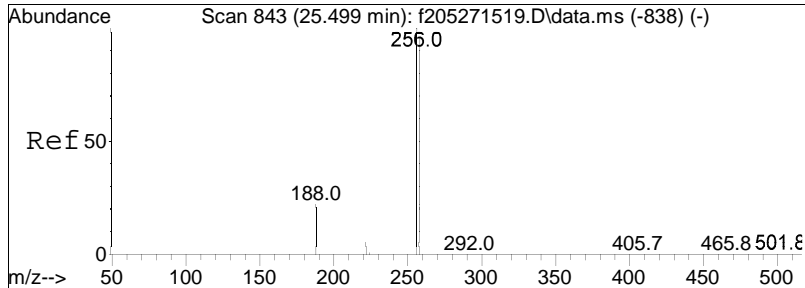




#31
 Cl4-BZ#54-RTW
 Concen: 85.76 ng/mL
 RT: 24.298 min Scan# 1644
 Delta R.T. 0.008 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

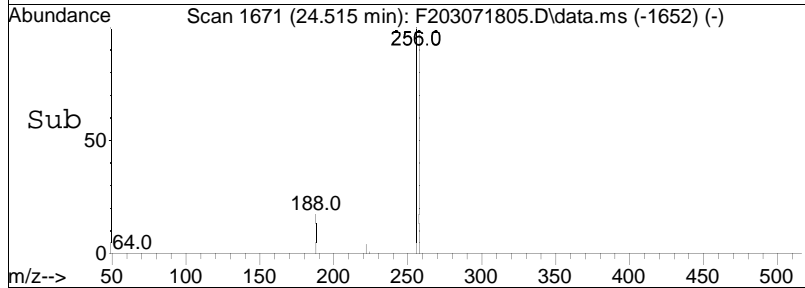
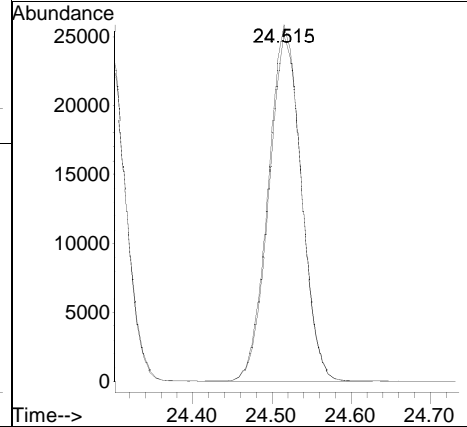
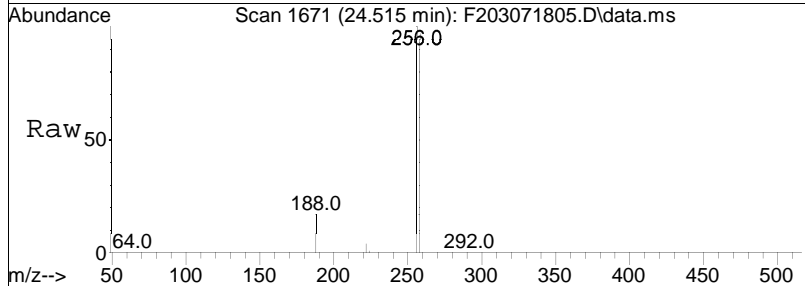
Tgt Ion: 292 Resp: 70412
 Ion Ratio Lower Upper
 292 100
 290 78.1 63.5 95.3

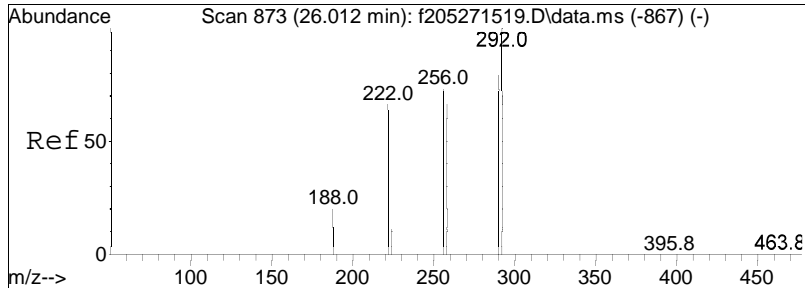




#32
 C13-BZ#29-Cal
 Concen: 83.63 ng/mL
 RT: 24.515 min Scan# 1671
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

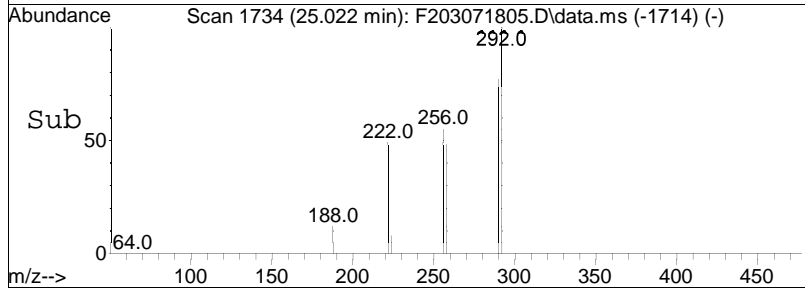
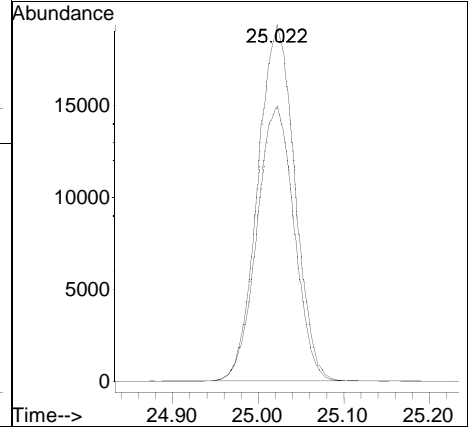
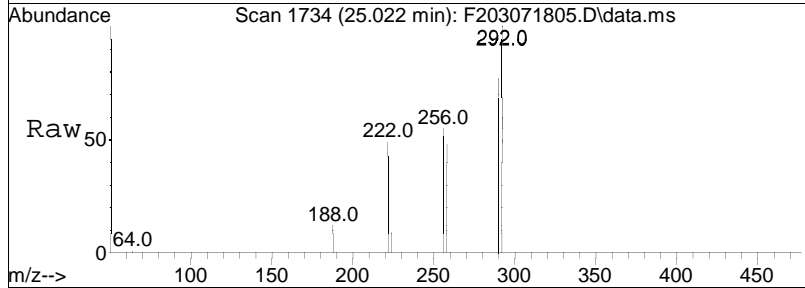
Tgt Ion	Resp	Lower	Upper
256	100		
258	97.3	76.6	115.0

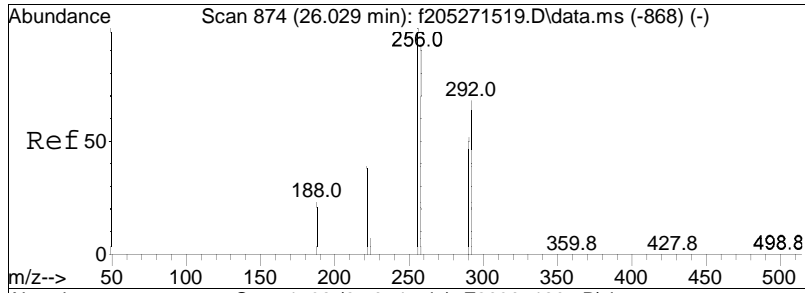




#35
 Cl4-BZ#50-Cal
 Concen: 84.29 ng/mL
 RT: 25.022 min Scan# 1734
 Delta R.T. 0.008 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

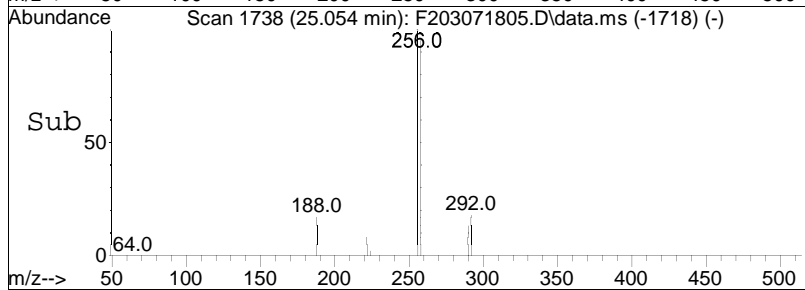
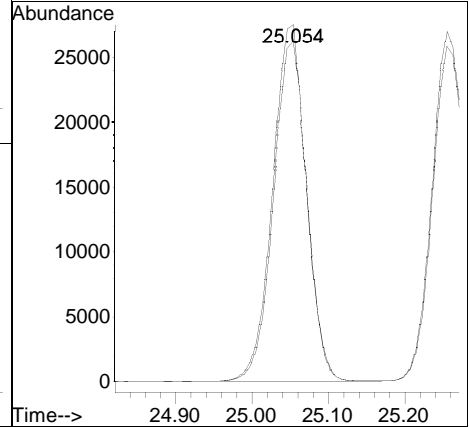
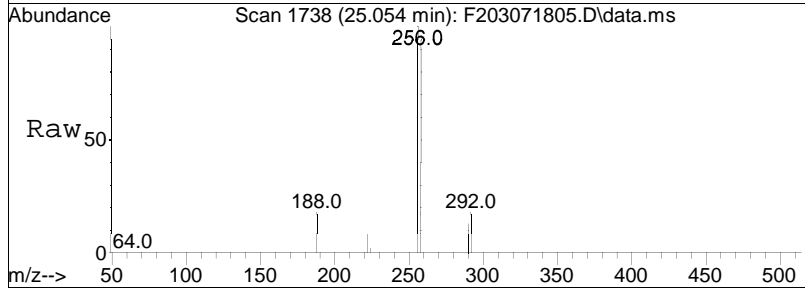
Tgt Ion: 292 Resp: 57820
 Ion Ratio Lower Upper
 292 100
 290 77.8 63.6 95.4

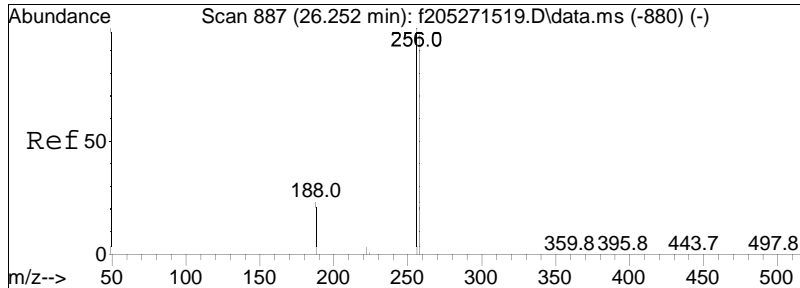




#38
 C13-BZ#26
 Concen: 83.90 ng/mL
 RT: 25.054 min Scan# 1738
 Delta R.T. 0.008 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

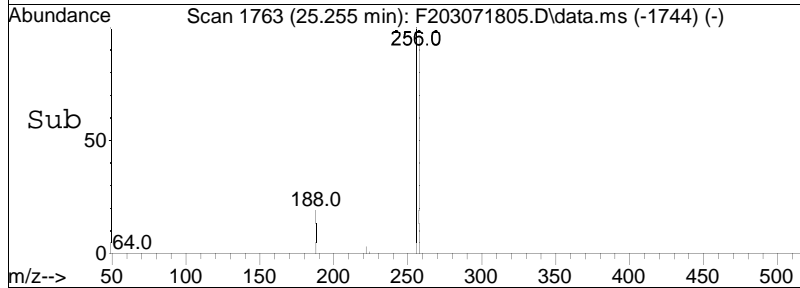
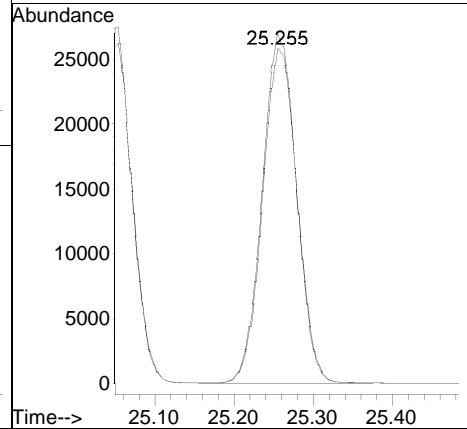
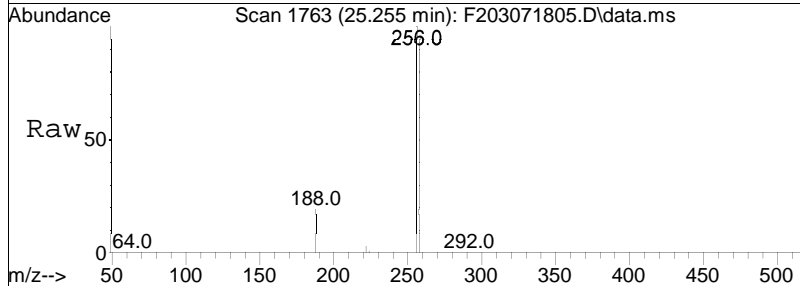
Tgt Ion	Resp	Lower	Upper
256	100		
258	95.4	76.6	115.0

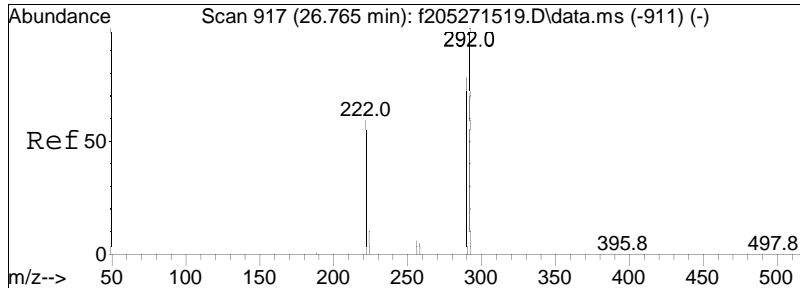




#39
 C13-BZ#25
 Concen: 82.92 ng/mL
 RT: 25.255 min Scan# 1763
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

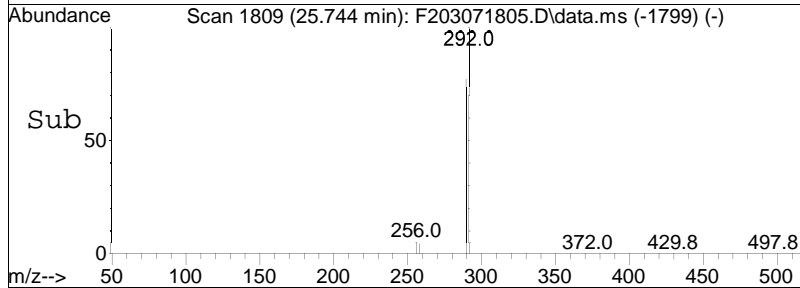
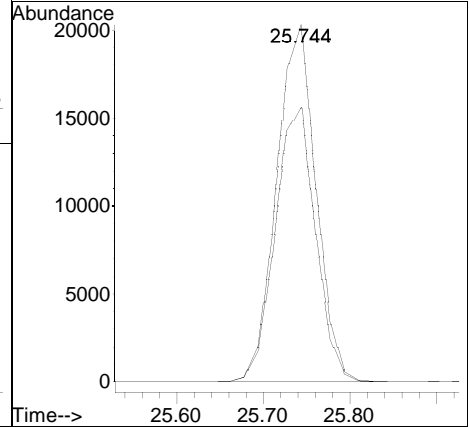
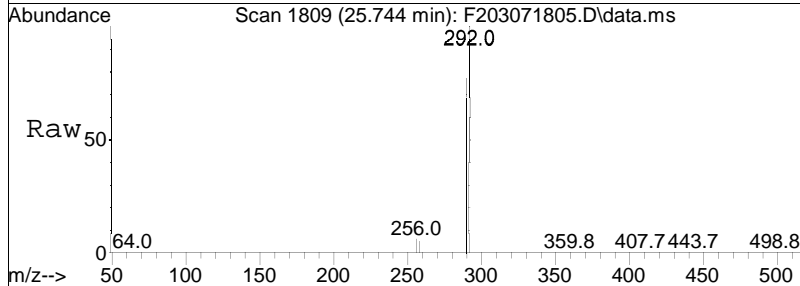
Tgt Ion	Resp	Lower	Upper
256	100		
258	95.7	77.5	116.3

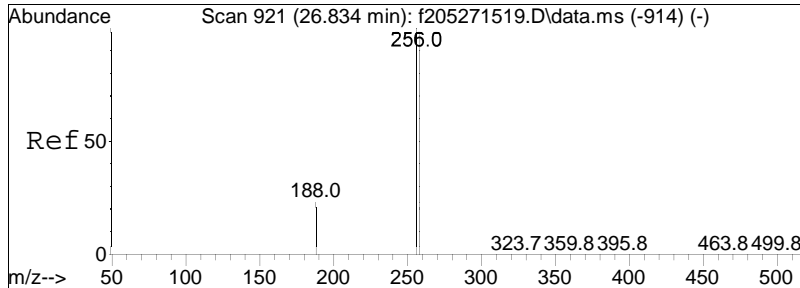




#40
 Cl4-BZ#53
 Concen: 84.17 ng/mL
 RT: 25.744 min Scan# 1809
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

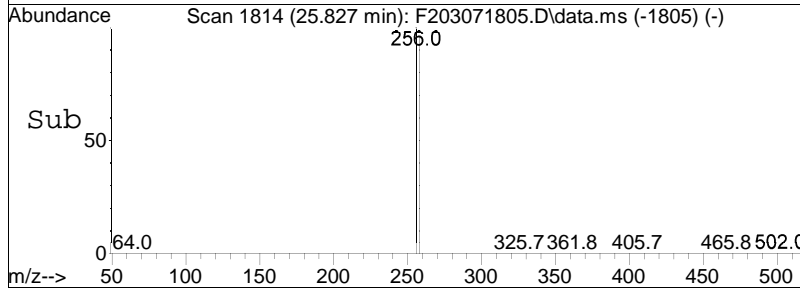
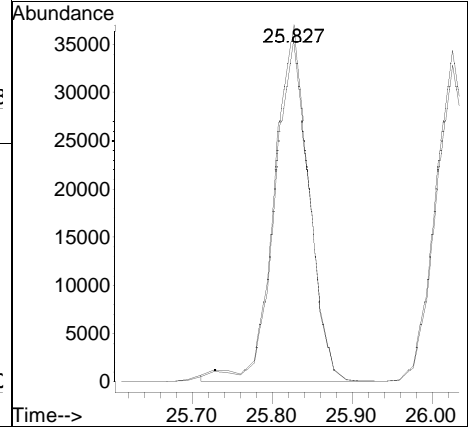
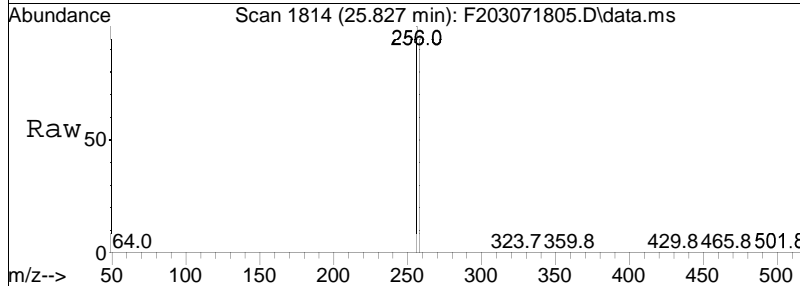
Tgt Ion	Resp	Lower	Upper
292	100		
290	78.5	62.4	93.6

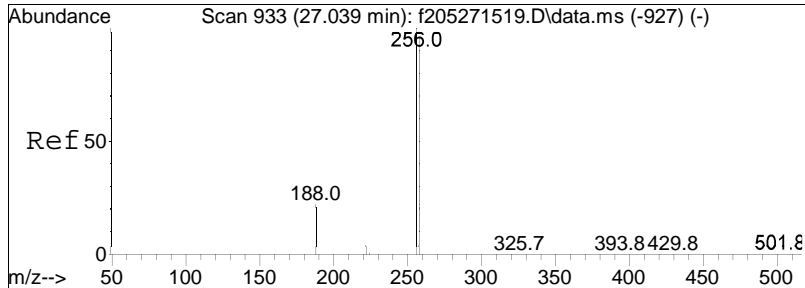




#41
 C13-BZ#-31
 Concen: 82.45 ng/mL
 RT: 25.827 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

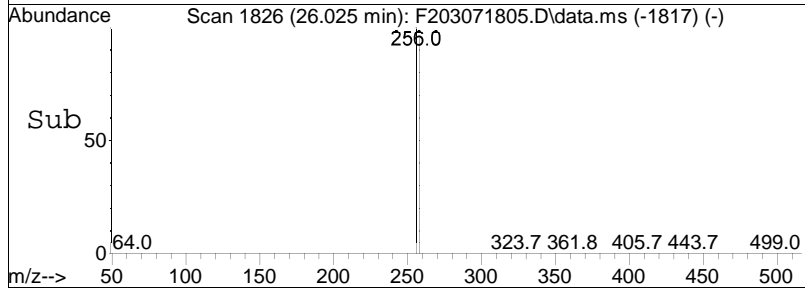
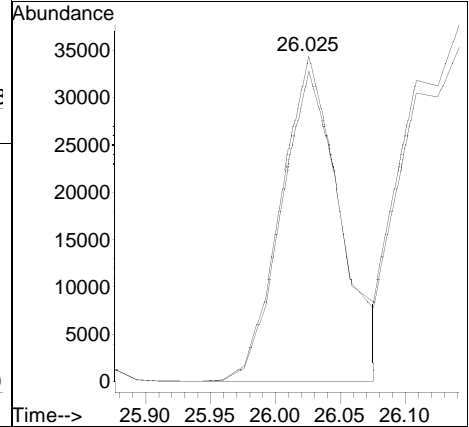
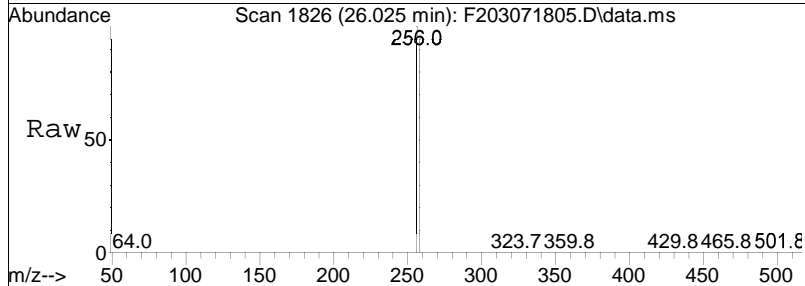
Tgt Ion	Resp	Lower	Upper
256	100		
258	95.4	78.6	117.8

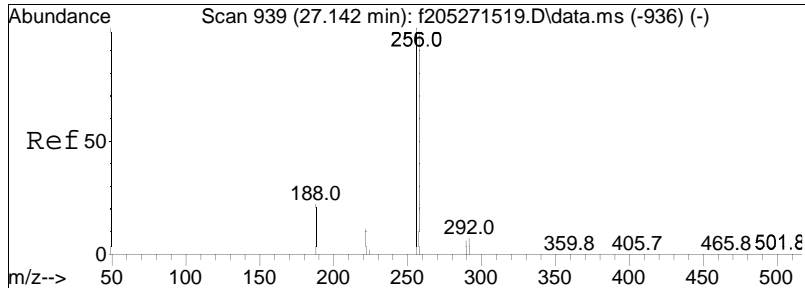




#42
 C13-BZ#28
 Concen: 83.62 ng/mL
 RT: 26.025 min Scan# 1826
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

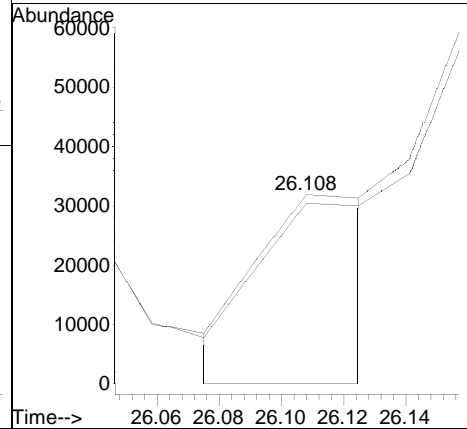
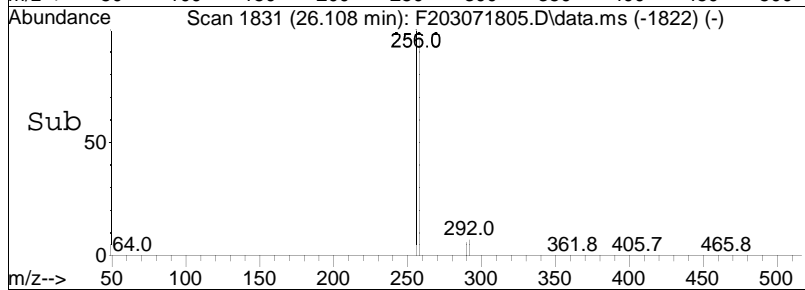
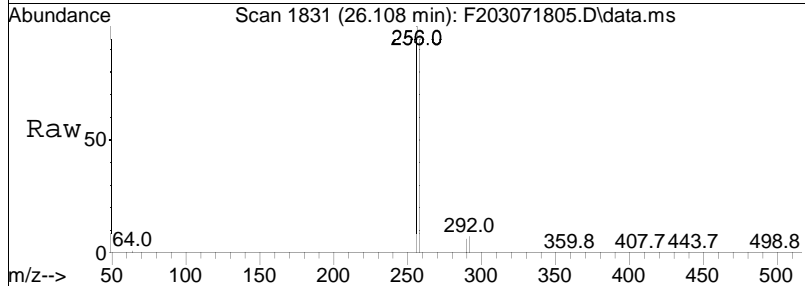
Tgt Ion	Resp	Lower	Upper
256	100		
258	95.3	77.5	116.3

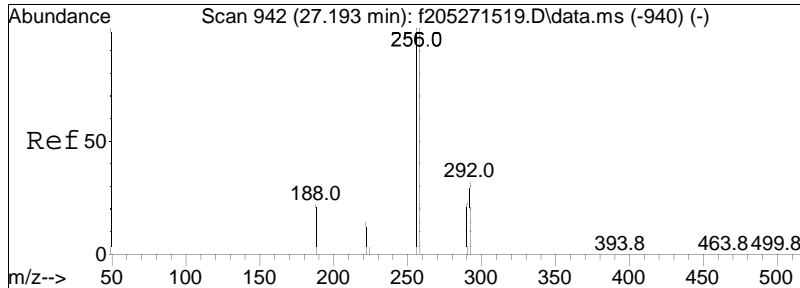




#43
 C13-BZ#33
 Concen: 88.23 ng/mL M4
 RT: 26.108 min Scan# 1831
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

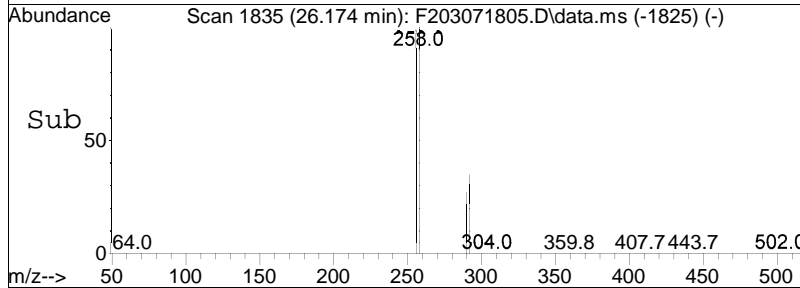
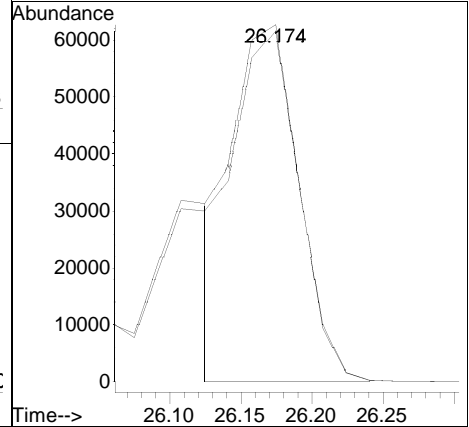
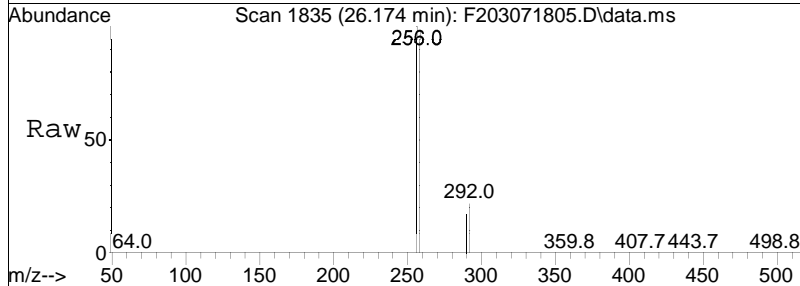
Tgt Ion: 256 Resp: 83069
 Ion Ratio Lower Upper
 256 100
 258 95.5 76.2 114.4

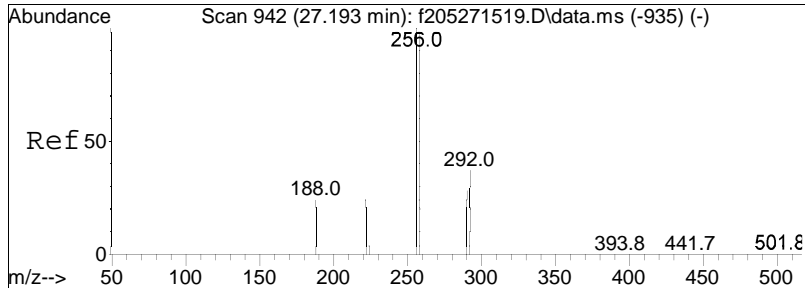




#44
 C13-BZ#21/#20
 Concen: 172.06 ng/mL M4
 RT: 26.174 min Scan# 1835
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

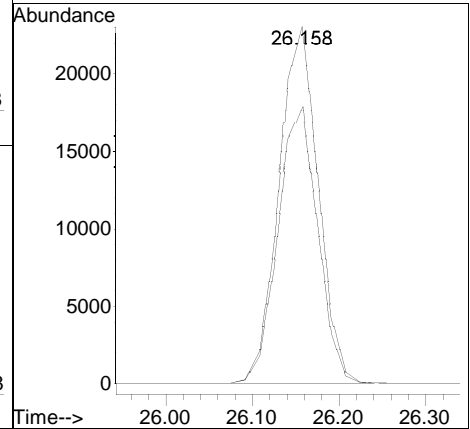
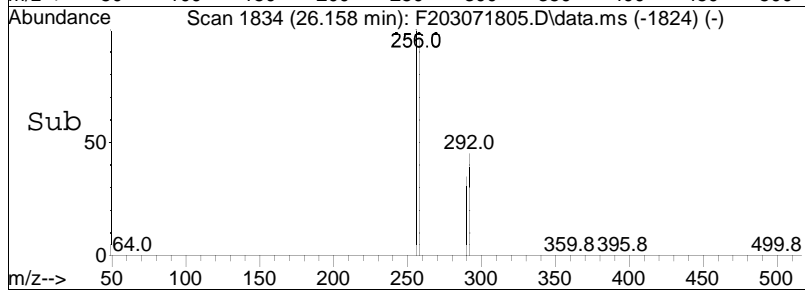
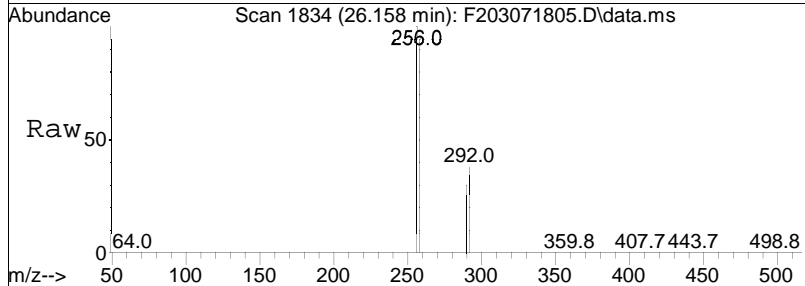
Tgt Ion	Resp	Lower	Upper
256	100		
258	134.8	77.8	116.8#

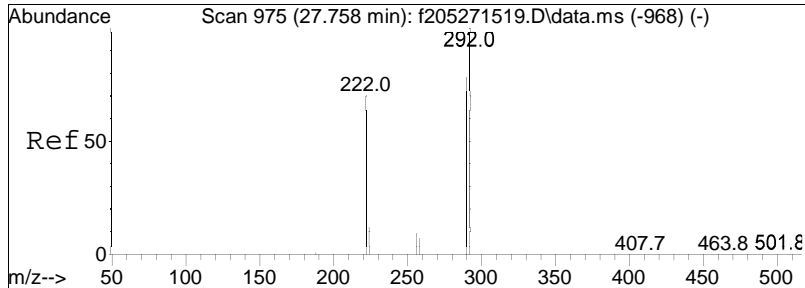




#45
 Cl4-BZ#51
 Concen: 86.50 ng/mL
 RT: 26.158 min Scan# 1834
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

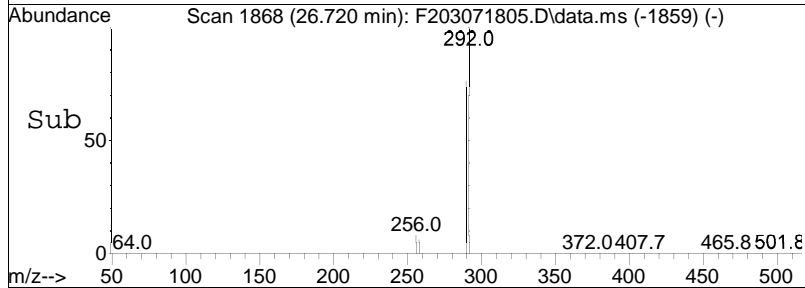
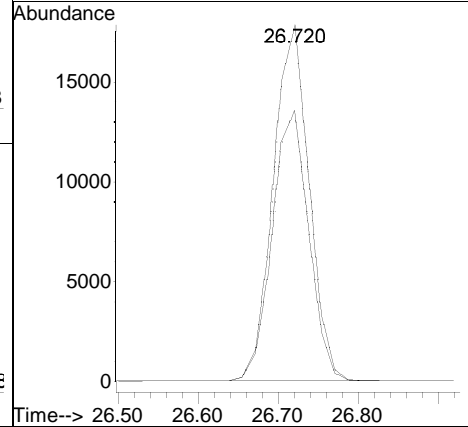
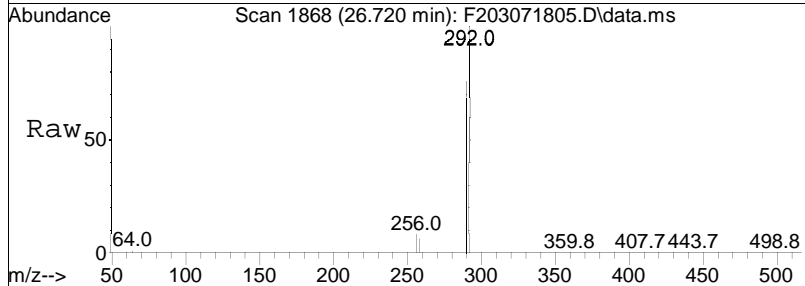
Tgt Ion: 292 Resp: 72257
 Ion Ratio Lower Upper
 292 100
 290 78.6 61.4 92.2

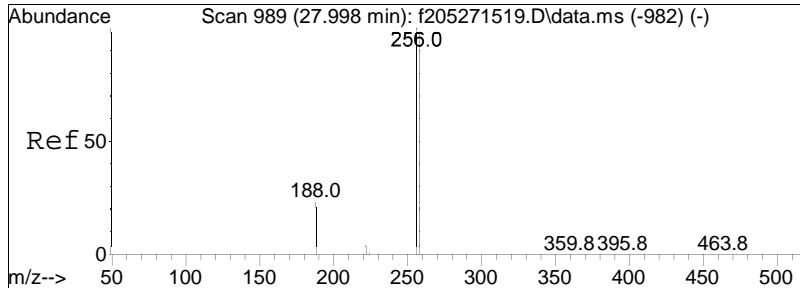




#46
 C14-BZ#45
 Concen: 84.62 ng/mL
 RT: 26.720 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

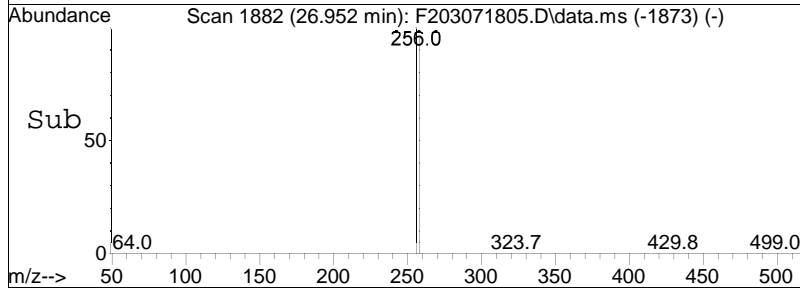
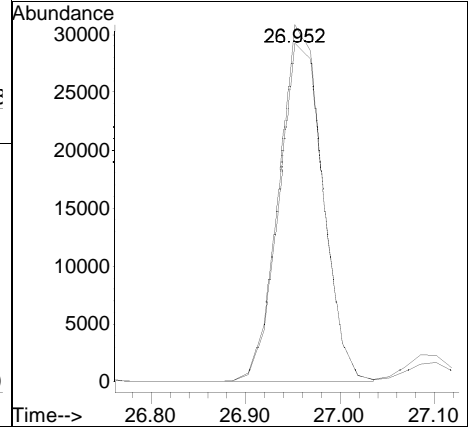
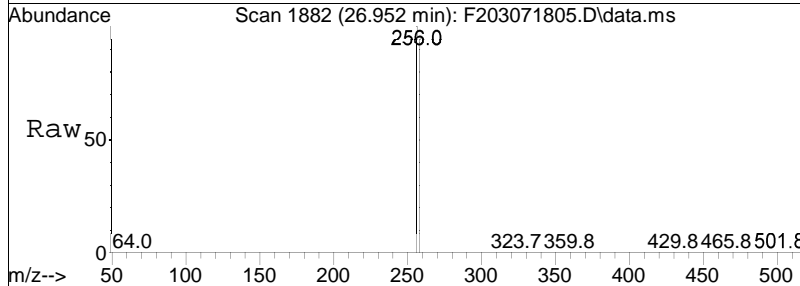
Tgt Ion	Resp	Lower	Upper
292	100		
290	77.5	62.6	93.8

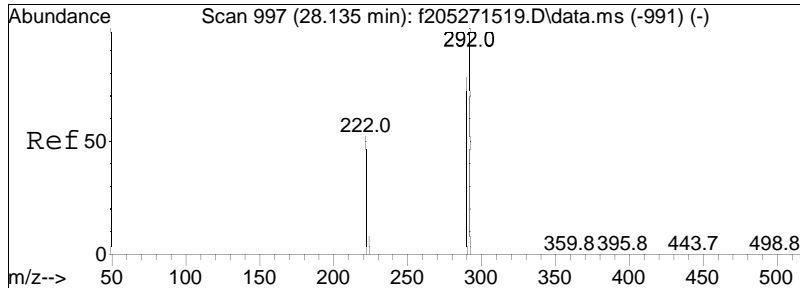




#47
 C13-BZ#22
 Concen: 84.64 ng/mL
 RT: 26.952 min Scan# 1882
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

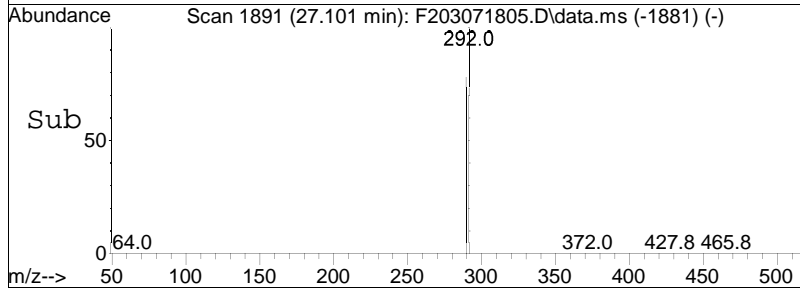
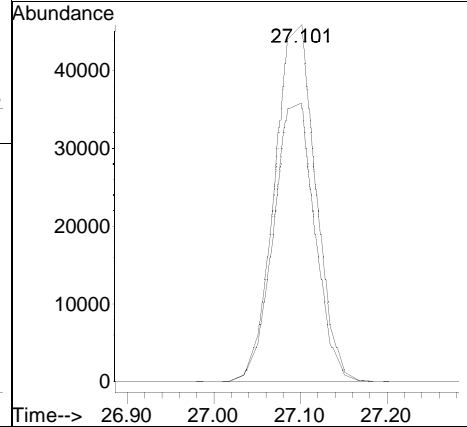
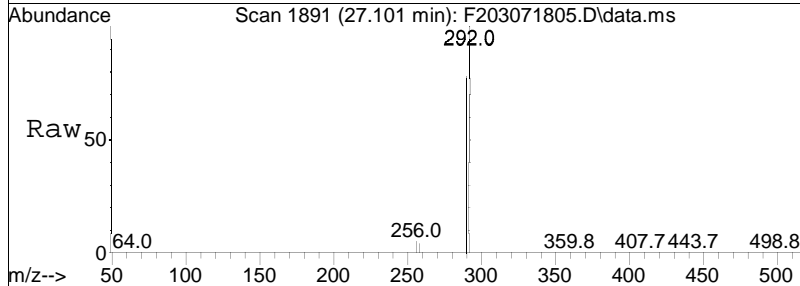
Tgt Ion	Resp	Lower	Upper
256	100		
258	94.8	75.4	113.0

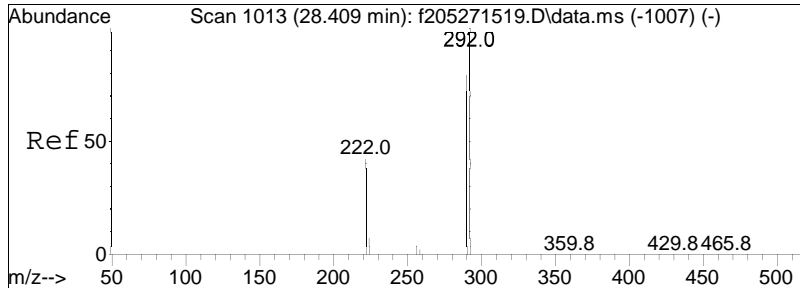




#48
 Cl4-BZ#73/#46
 Concen: 173.12 ng/mL
 RT: 27.101 min Scan# 1891
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

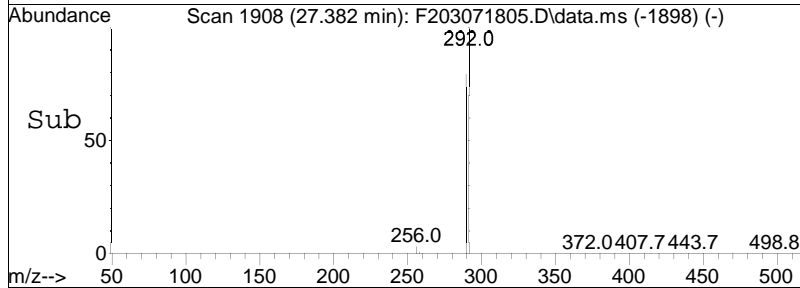
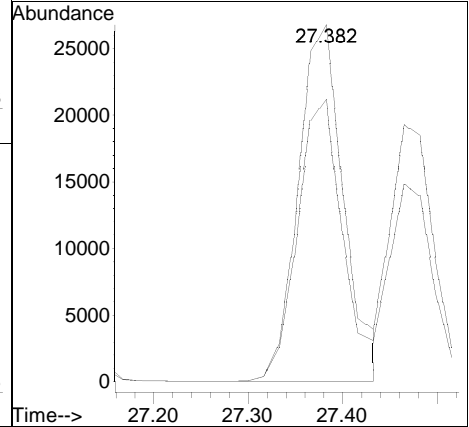
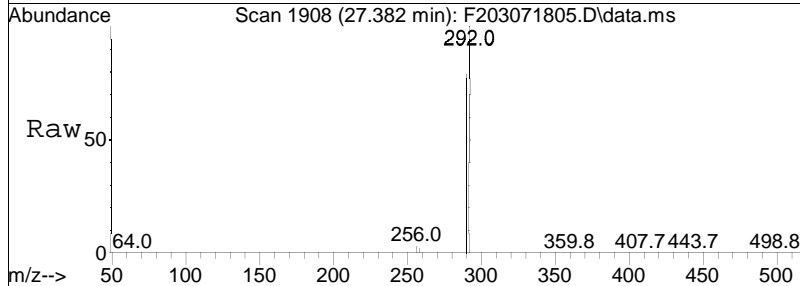
Tgt Ion	Resp	Lower	Upper
292	100		
290	78.4	62.4	93.6

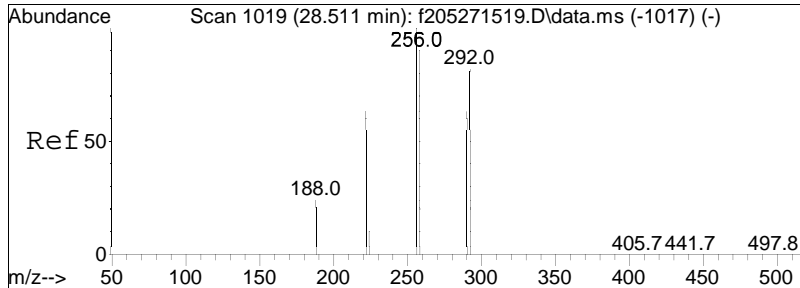




#49
 Cl4-BZ#69
 Concen: 85.57 ng/mL
 RT: 27.382 min Scan# 1908
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

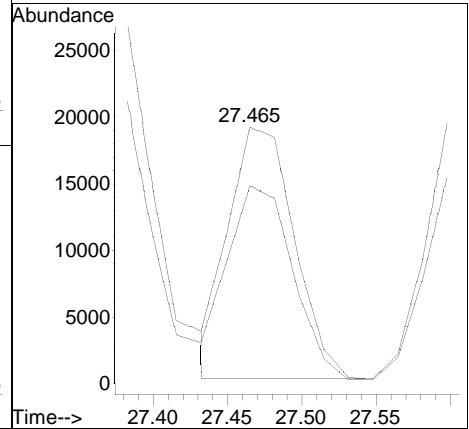
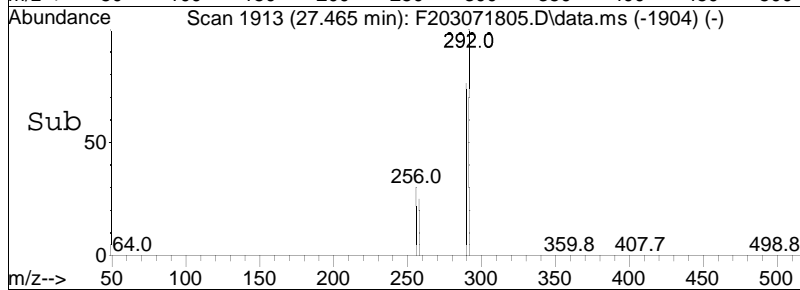
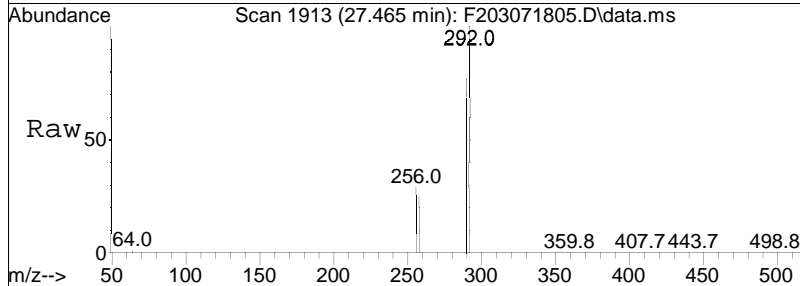
Tgt Ion	Resp	Lower	Upper
292	100		
290	79.3	62.0	93.0

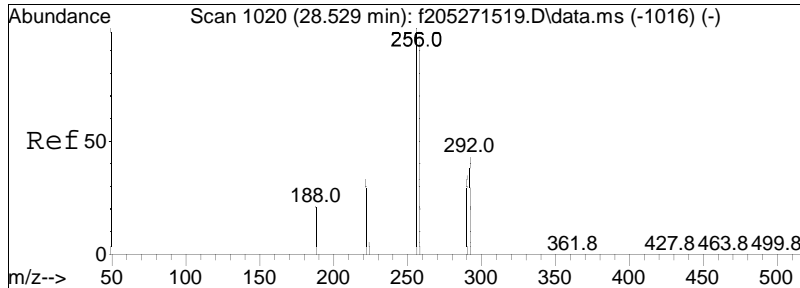




#50
 C14-BZ#43
 Concen: 84.18 ng/mL
 RT: 27.465 min Scan# 1913
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

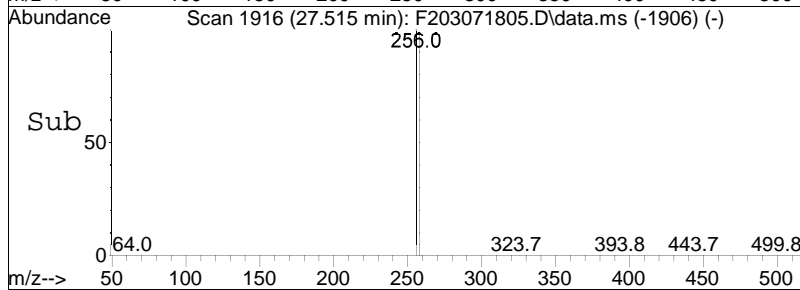
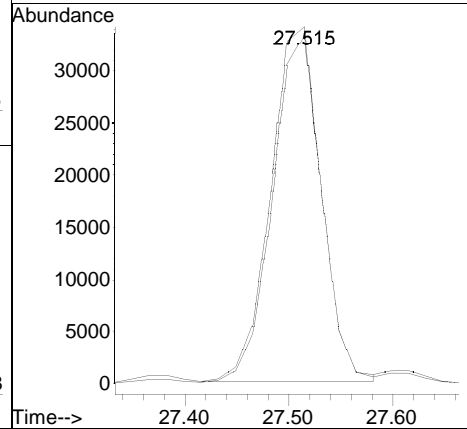
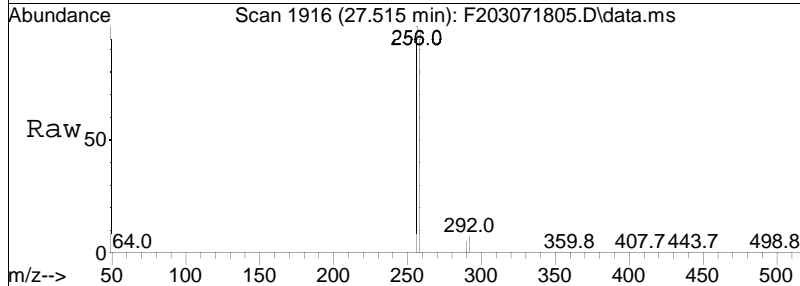
Tgt Ion: 292 Resp: 57917
 Ion Ratio Lower Upper
 292 100
 290 76.4 60.5 90.7

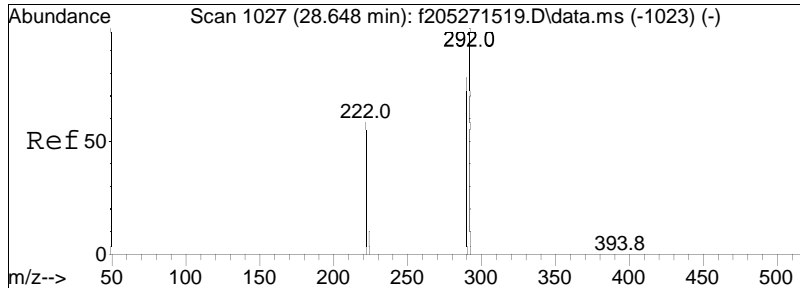




#51
 C13-BZ#36
 Concen: 88.66 ng/mL
 RT: 27.515 min Scan# 1916
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

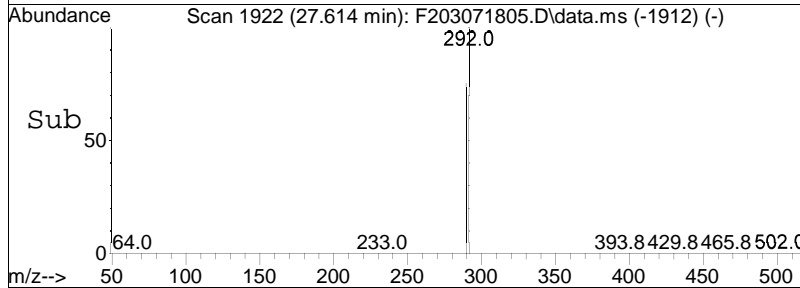
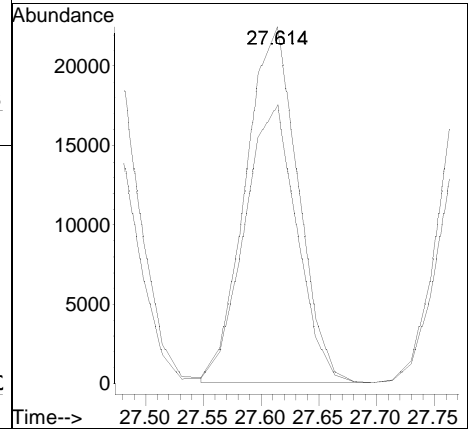
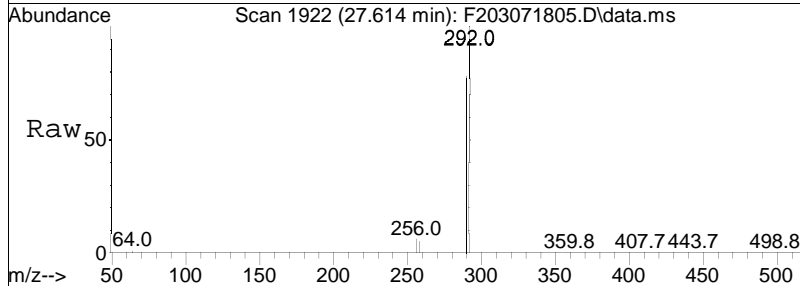
Tgt Ion	Resp	Lower	Upper
256	100		
258	95.0	77.4	116.0

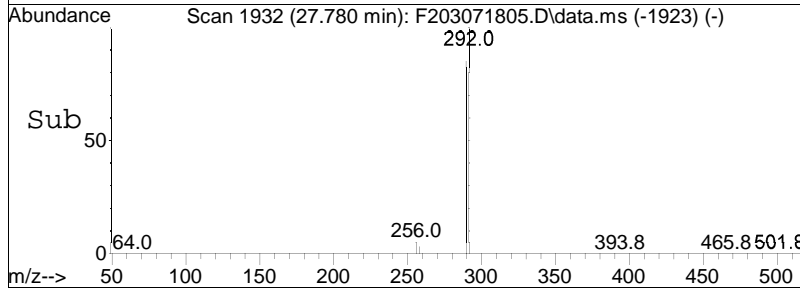
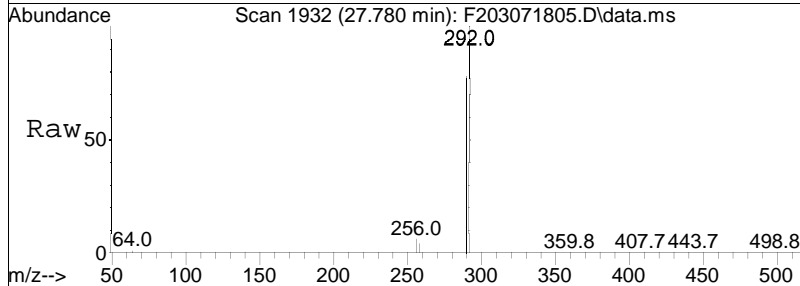
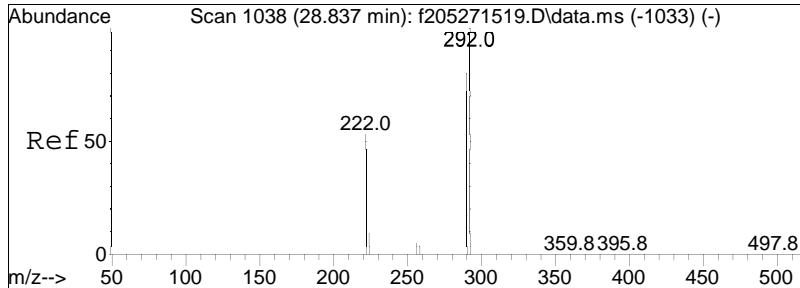




#52
 C14-BZ#52
 Concen: 83.56 ng/mL
 RT: 27.614 min Scan# 1922
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

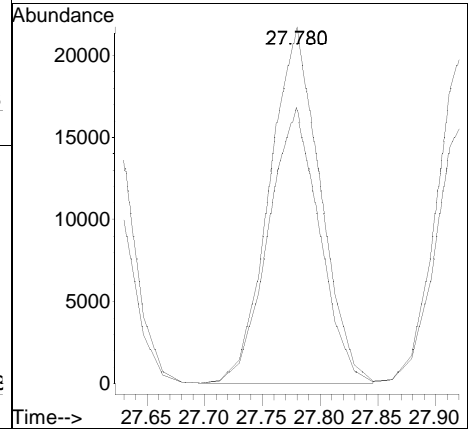
Tgt Ion: 292 Resp: 70784
 Ion Ratio Lower Upper
 292 100
 290 78.1 60.8 91.2

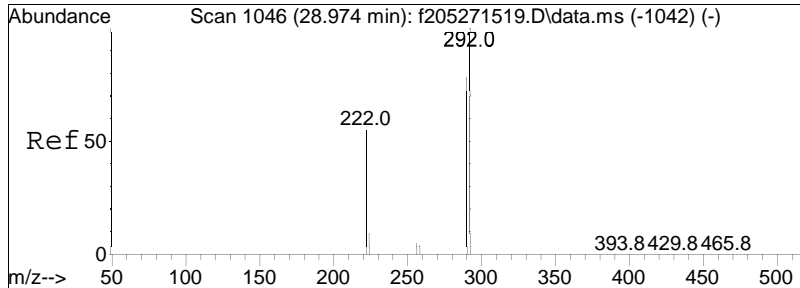




#53
 C14-BZ#48
 Concen: 87.43 ng/mL
 RT: 27.780 min Scan# 1932
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

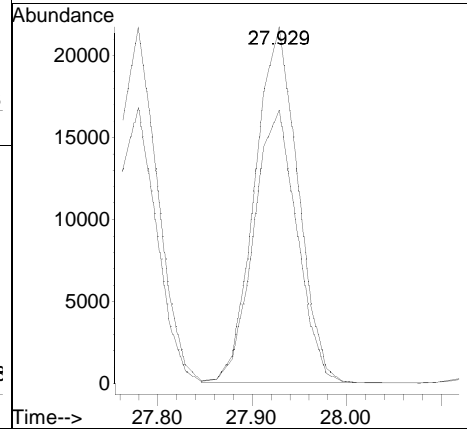
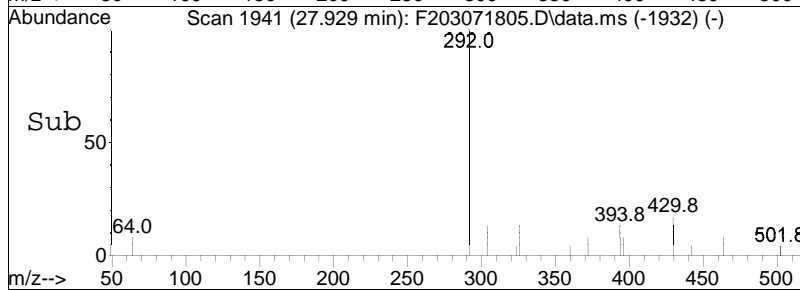
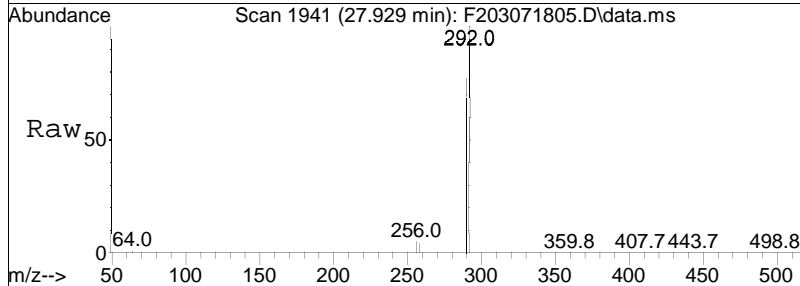
Tgt Ion	Resp	Lower	Upper
292	100		
290	77.5	61.0	91.6

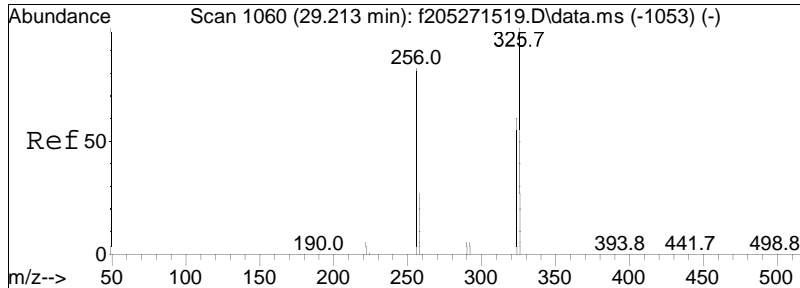




#54
 Cl4-BZ#49
 Concen: 84.35 ng/mL
 RT: 27.929 min Scan# 1941
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

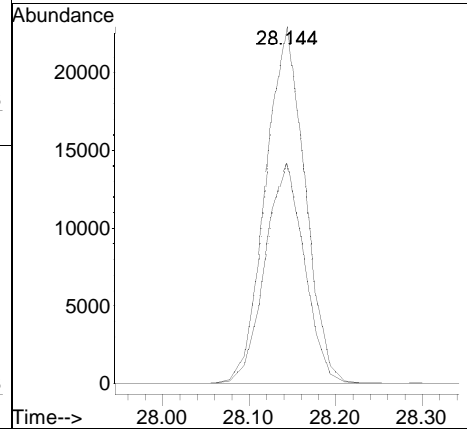
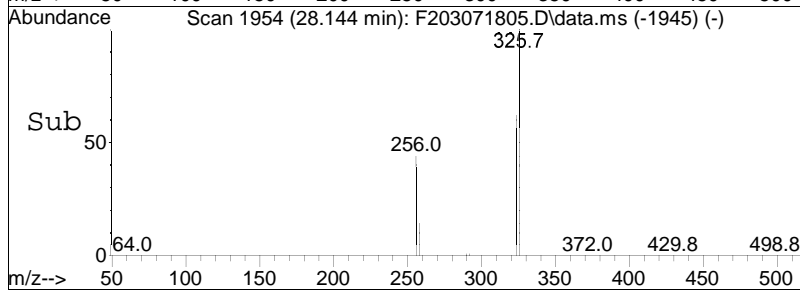
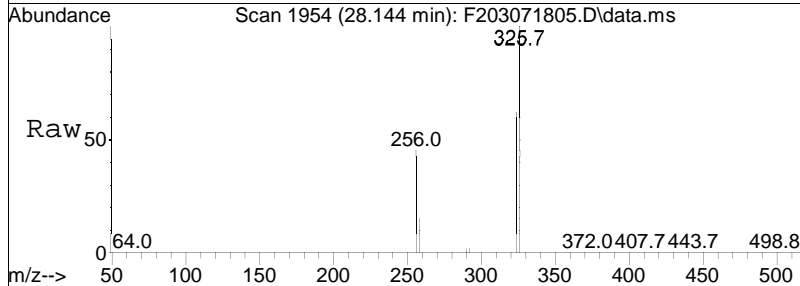
Tgt Ion: 292 Resp: 68293
 Ion Ratio Lower Upper
 292 100
 290 76.6 62.1 93.1

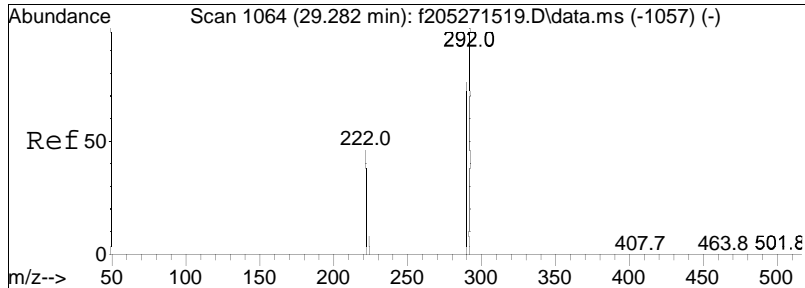




#55
 C15-BZ#104-RTW
 Concen: 85.97 ng/mL
 RT: 28.144 min Scan# 1954
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

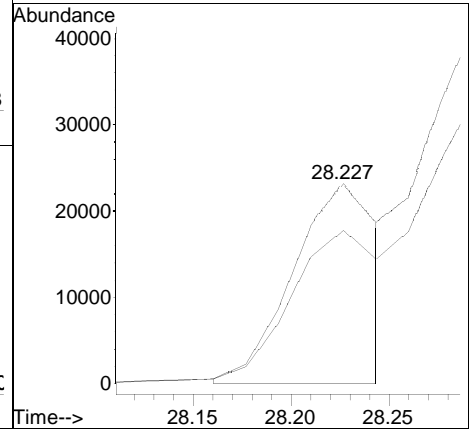
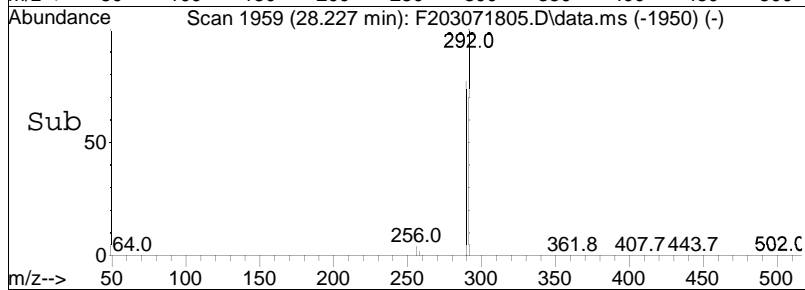
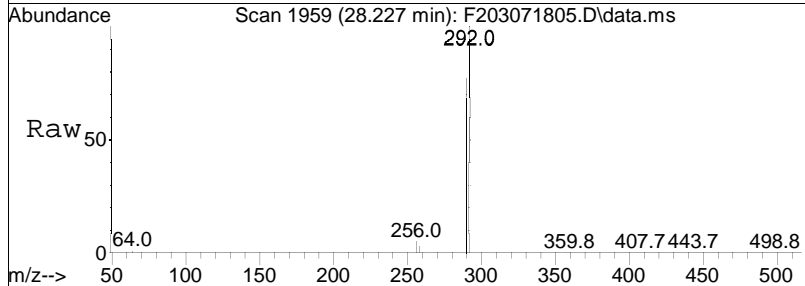
Tgt Ion	Resp	Lower	Upper
326	100		
324	61.9	48.4	72.6

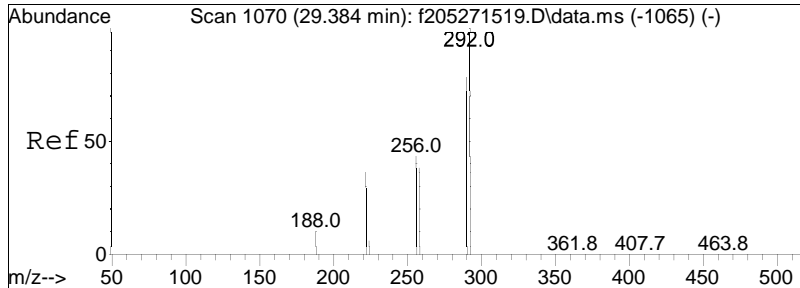




#56
 Cl4-BZ#47
 Concen: 80.88 ng/mL M4
 RT: 28.227 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

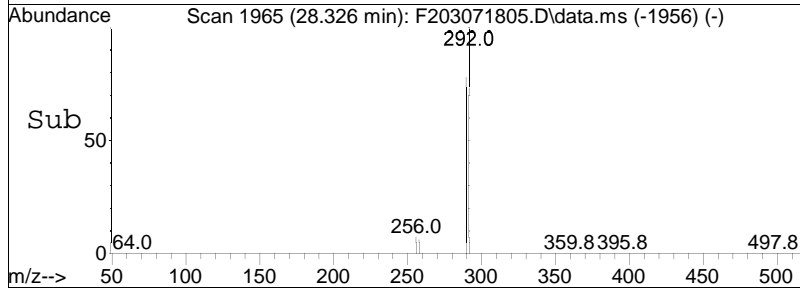
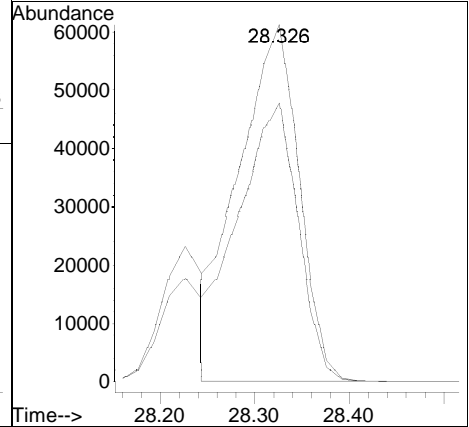
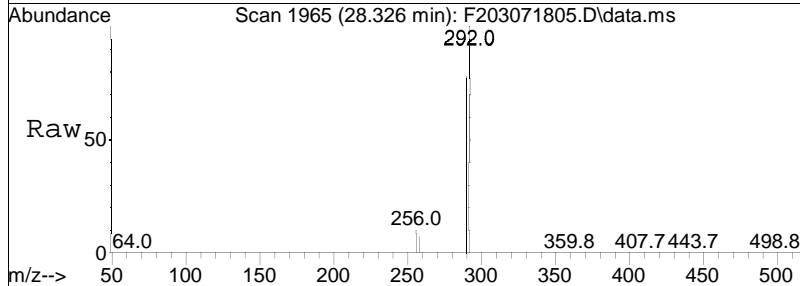
Tgt Ion	Resp	Lower	Upper
292	100		
290	0.0	63.0	94.4#

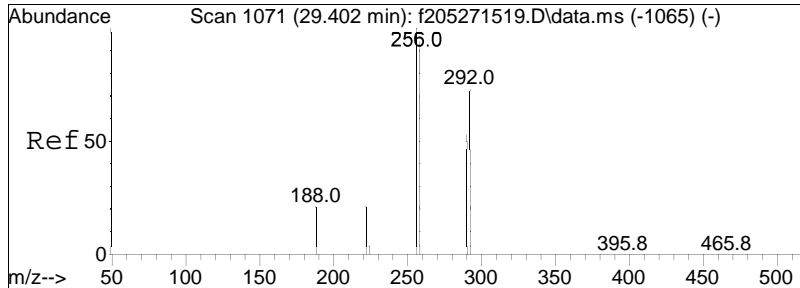




#57
 C14-BZ#65/#75/#62
 Concen: 264.91 ng/mL
 RT: 28.326 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

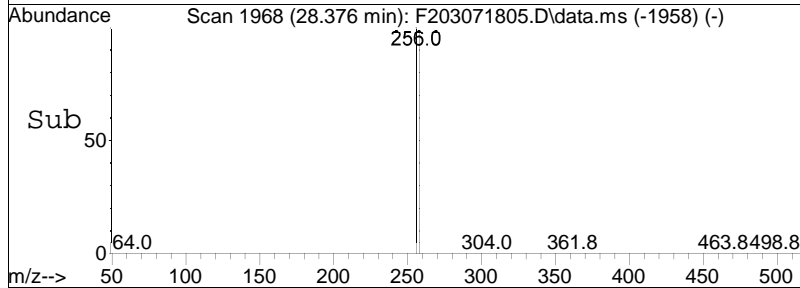
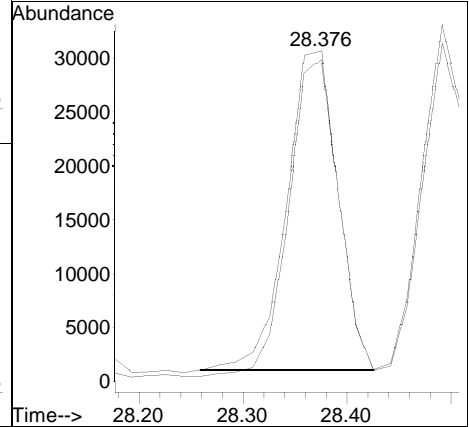
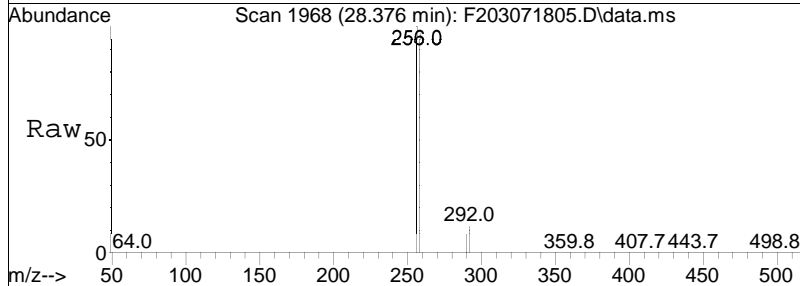
Tgt Ion	Resp	Lower	Upper
292	100		
290	77.9	63.0	94.6

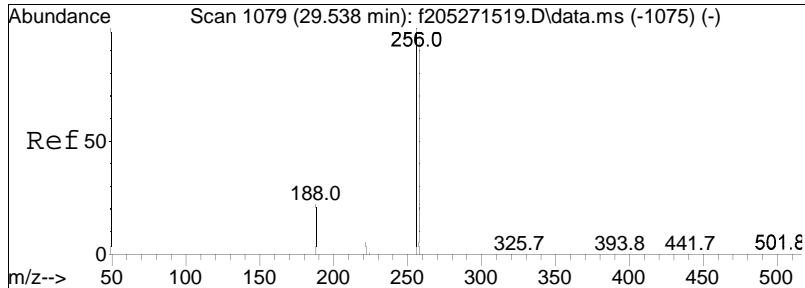




#58
 C13-BZ#39
 Concen: 85.16 ng/mL
 RT: 28.376 min Scan# 1968
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

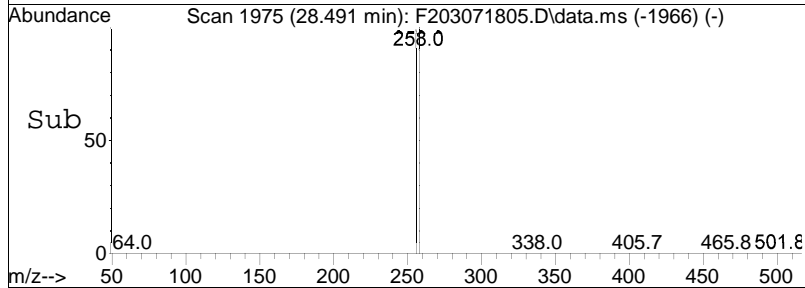
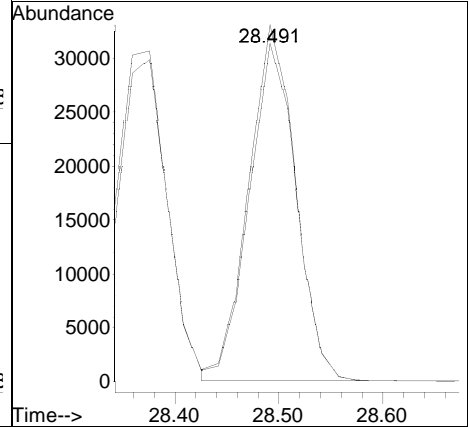
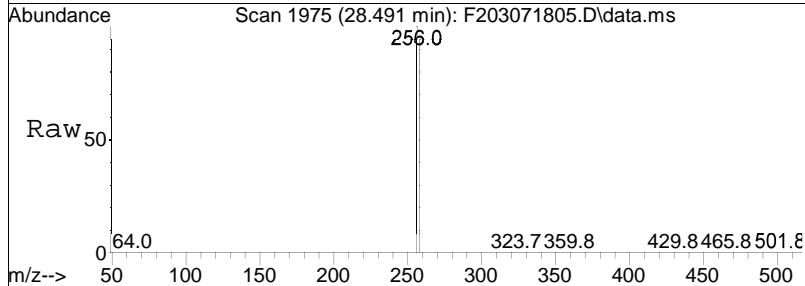
Tgt Ion	Resp	Lower	Upper
256	100		
258	96.9	76.2	114.2

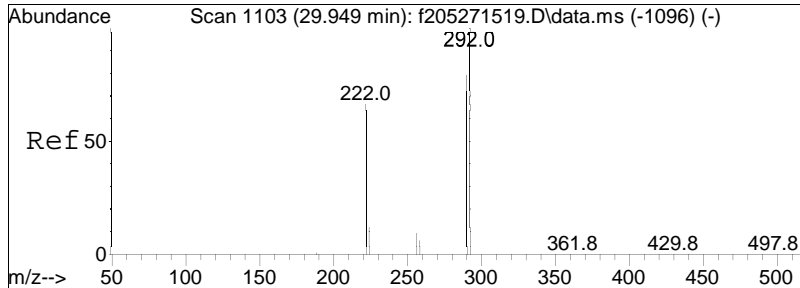




#59
 C13-BZ#38
 Concen: 89.38 ng/mL
 RT: 28.491 min Scan# 1975
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

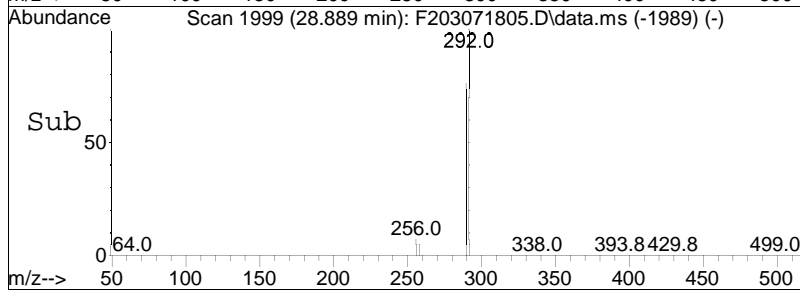
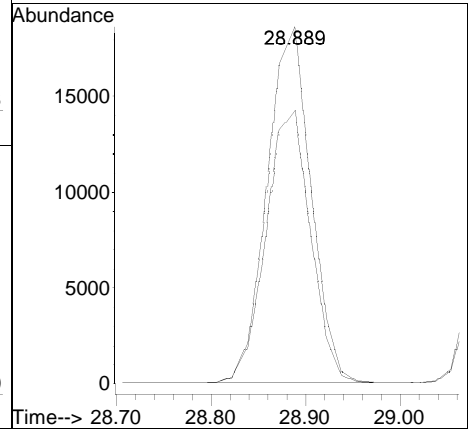
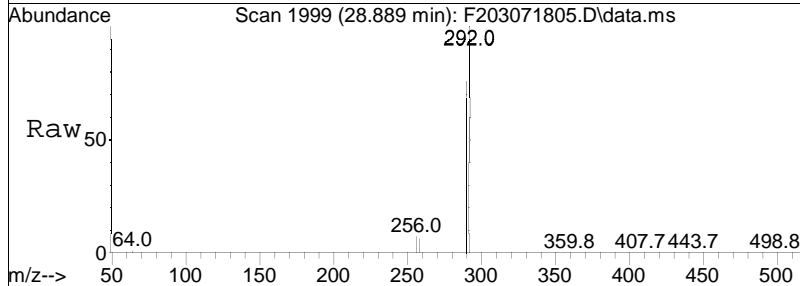
Tgt Ion: 256 Resp: 102682
 Ion Ratio Lower Upper
 256 100
 258 95.1 74.9 112.3

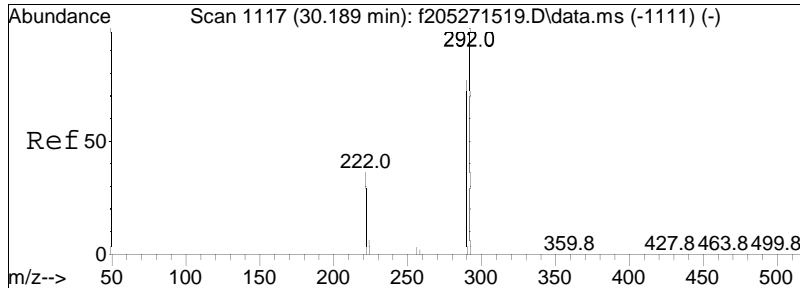




#60
 C14-BZ#44
 Concen: 84.89 ng/mL
 RT: 28.889 min Scan# 1999
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

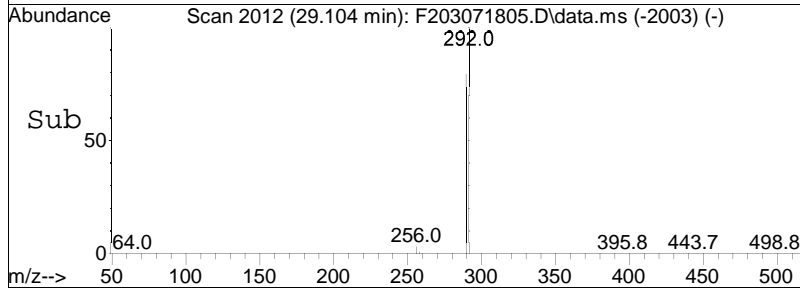
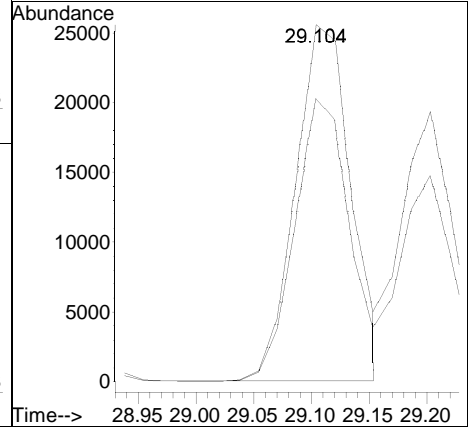
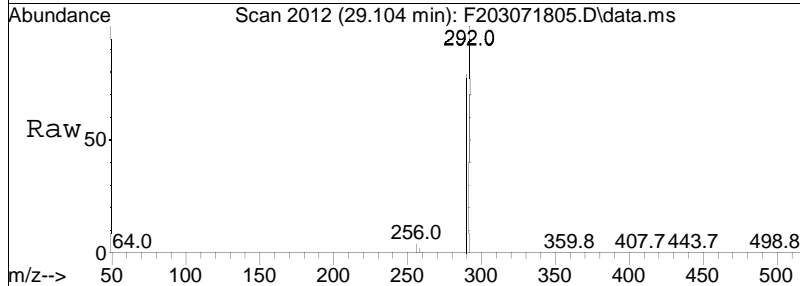
Tgt Ion: 292 Resp: 59832
 Ion Ratio Lower Upper
 292 100
 290 76.4 63.1 94.7

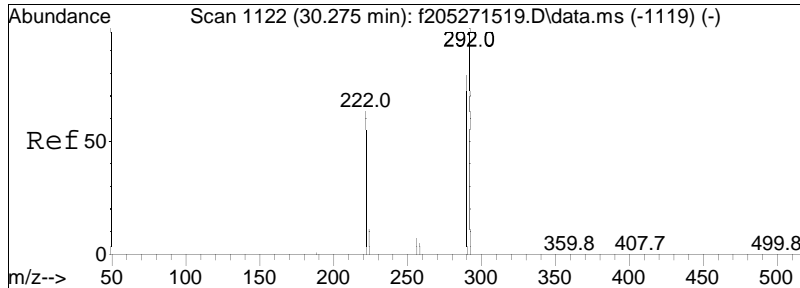




#61
 C14-BZ#59
 Concen: 82.93 ng/mL
 RT: 29.104 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

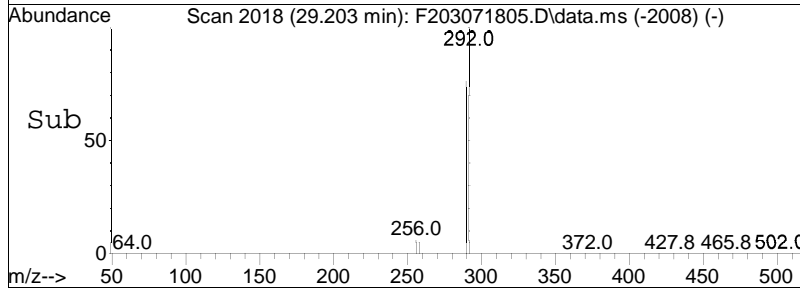
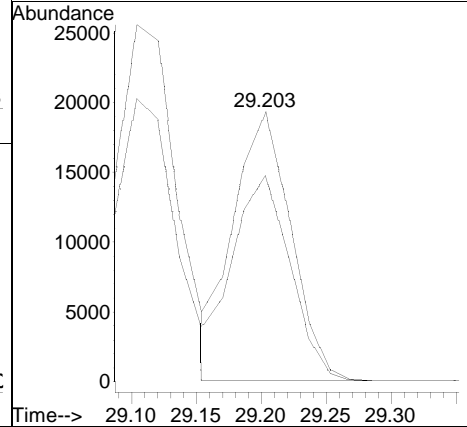
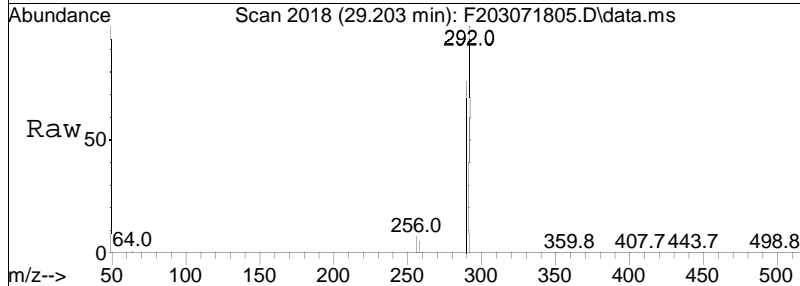
Tgt Ion: 292 Resp: 85715
 Ion Ratio Lower Upper
 292 100
 290 78.4 64.0 96.0

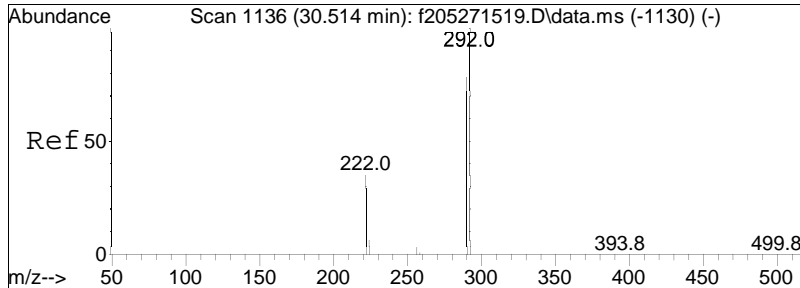




#62
 C14-BZ#42
 Concen: 88.52 ng/mL
 RT: 29.203 min Scan# 2018
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

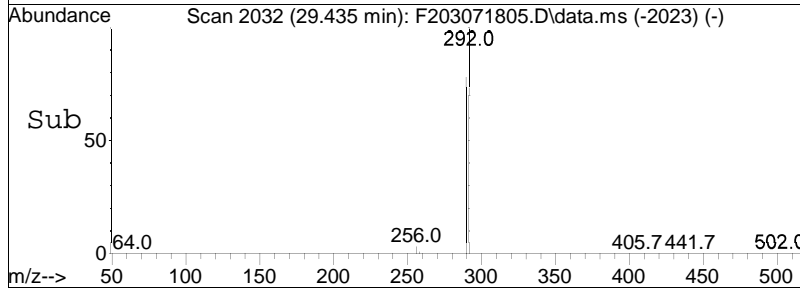
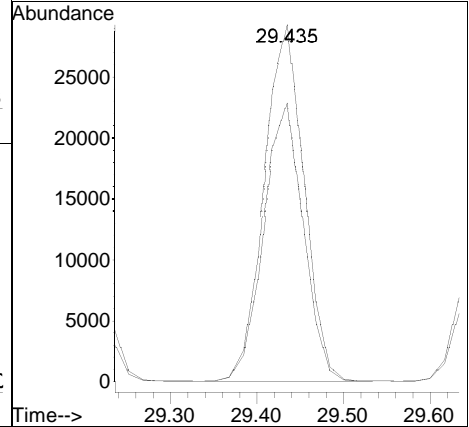
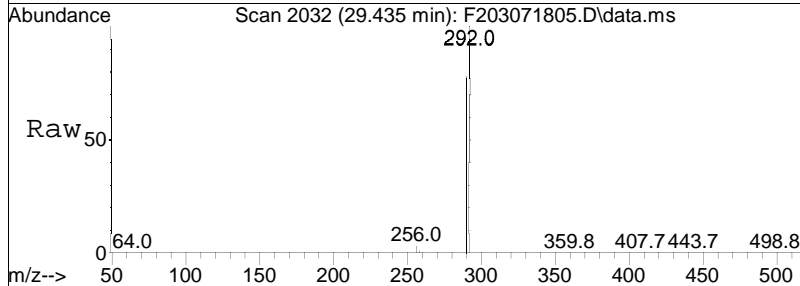
Tgt Ion	Resp	Lower	Upper
292	100		
290	76.4	64.3	96.5

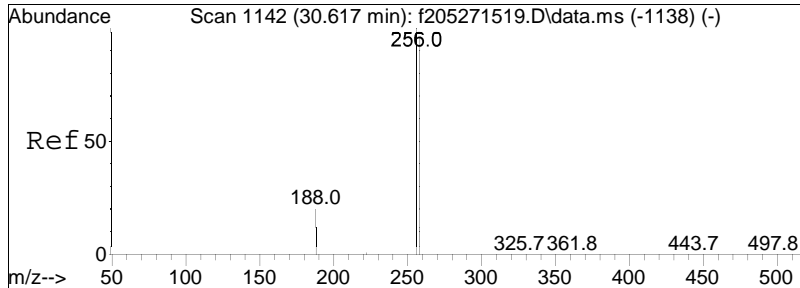




#63
 C14-BZ#71
 Concen: 85.33 ng/mL
 RT: 29.435 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

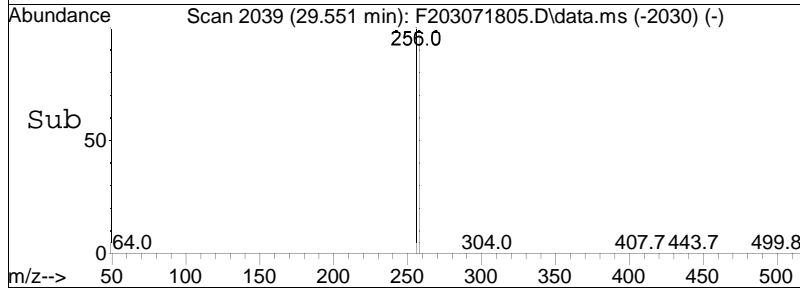
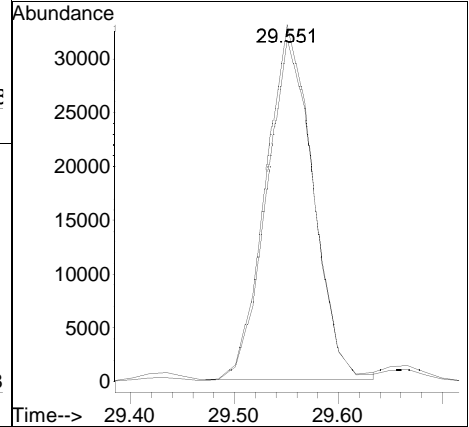
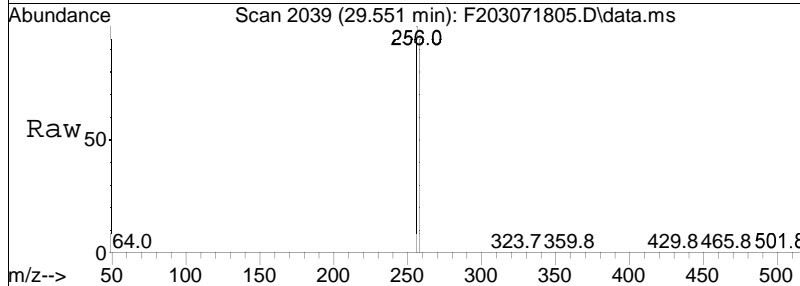
Tgt Ion	Resp	Lower	Upper
292	100		
290	77.9	62.8	94.2

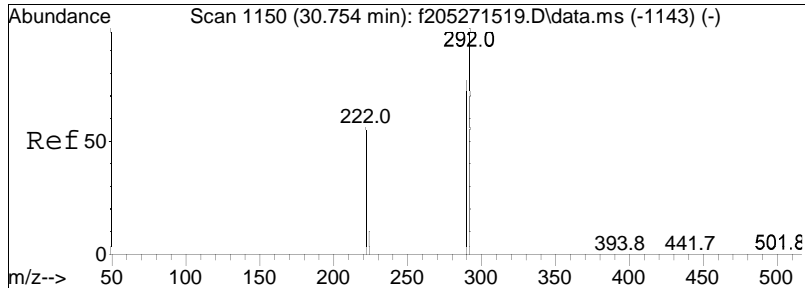




#64
 C13-BZ#35
 Concen: 86.27 ng/mL
 RT: 29.551 min Scan# 2039
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

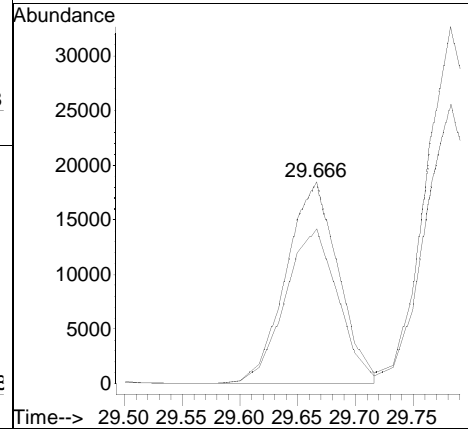
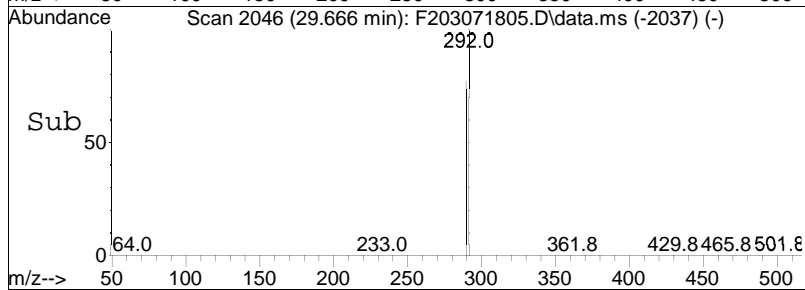
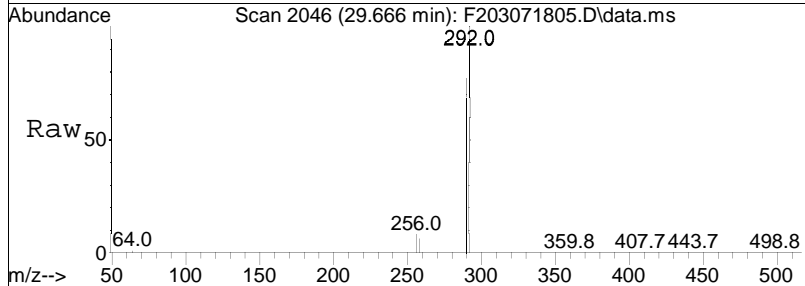
Tgt Ion	Resp	Lower	Upper
256	100		
258	96.2	77.2	115.8

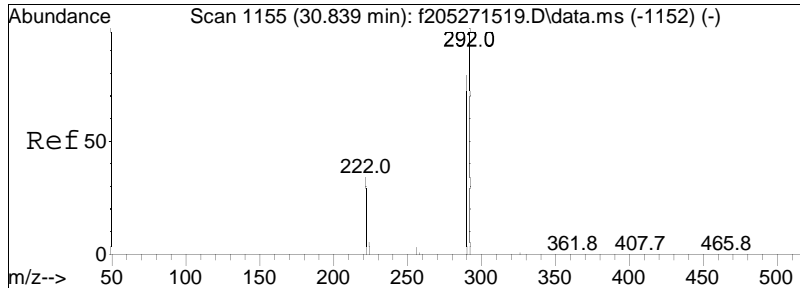




#65
 Cl4-BZ#41
 Concen: 87.73 ng/mL
 RT: 29.666 min Scan# 2046
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

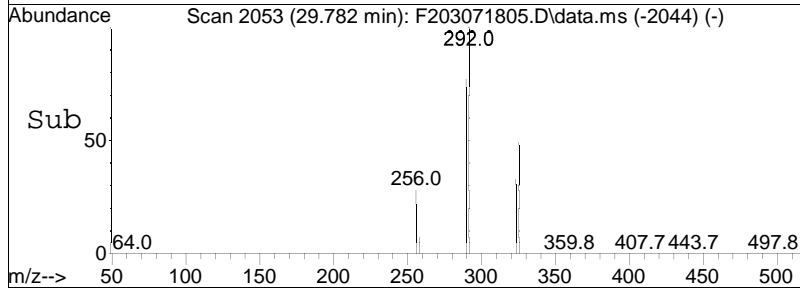
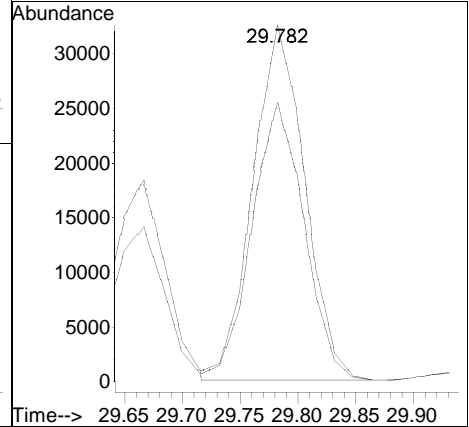
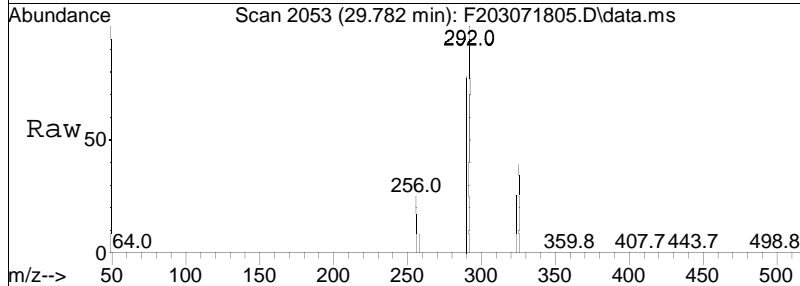
Tgt Ion: 292 Resp: 57827
 Ion Ratio Lower Upper
 292 100
 290 77.7 63.0 94.4

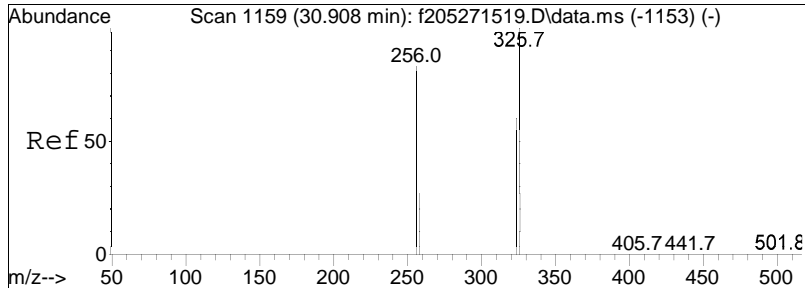




#66
 C14-BZ#72
 Concen: 89.14 ng/mL
 RT: 29.782 min Scan# 2053
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

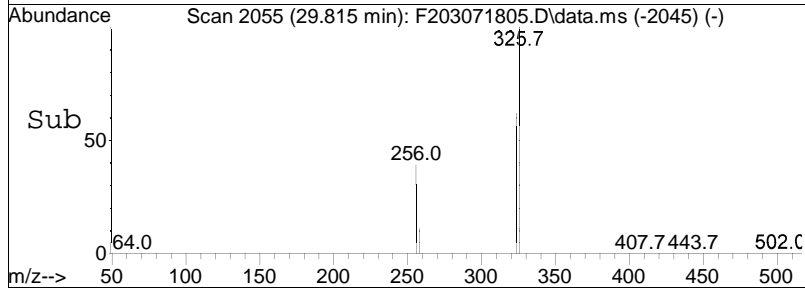
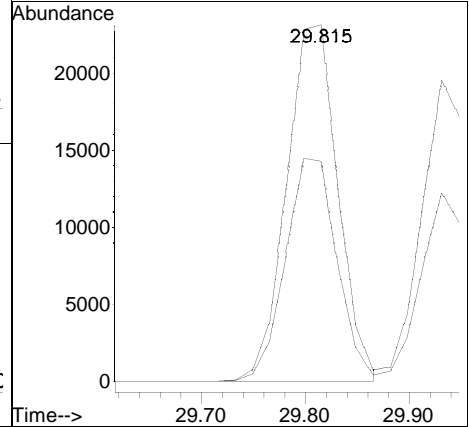
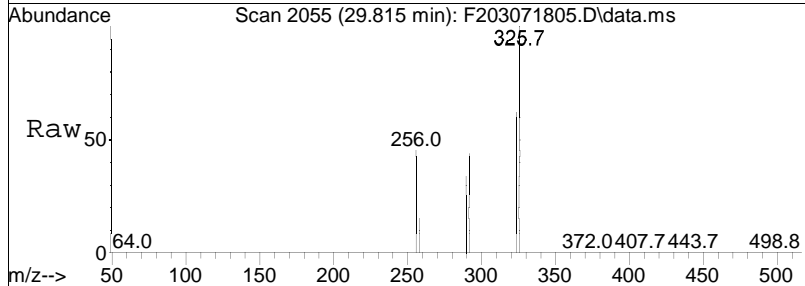
Tgt Ion: 292 Resp: 101259
 Ion Ratio Lower Upper
 292 100
 290 78.6 62.6 93.8

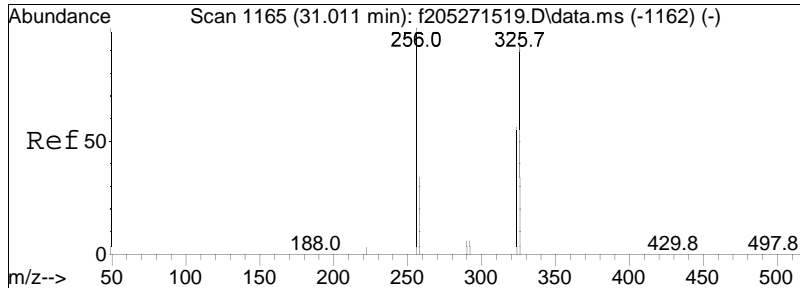




#67
 C15-BZ#96
 Concen: 87.56 ng/mL
 RT: 29.815 min Scan# 2055
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

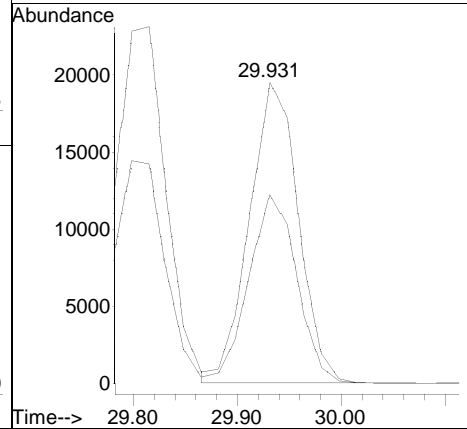
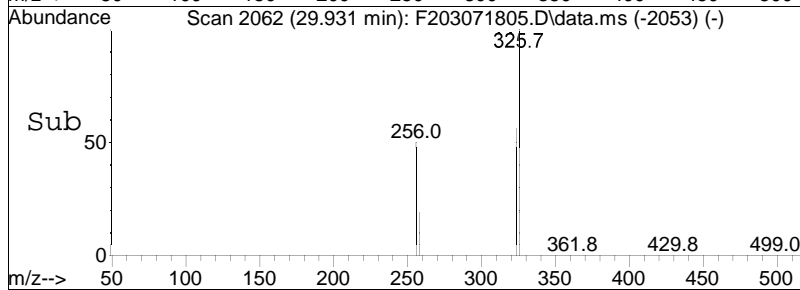
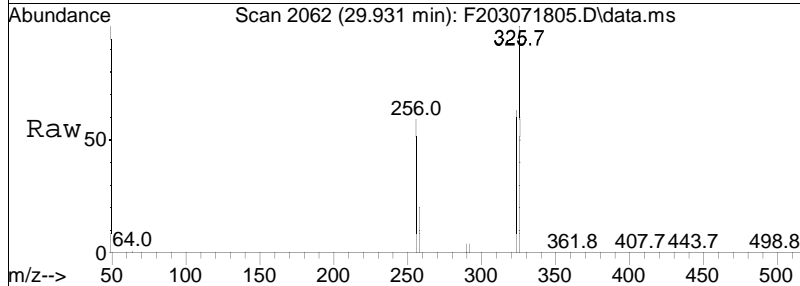
Tgt Ion	Ratio	Lower	Upper
326	100		
324	62.7	47.2	70.8

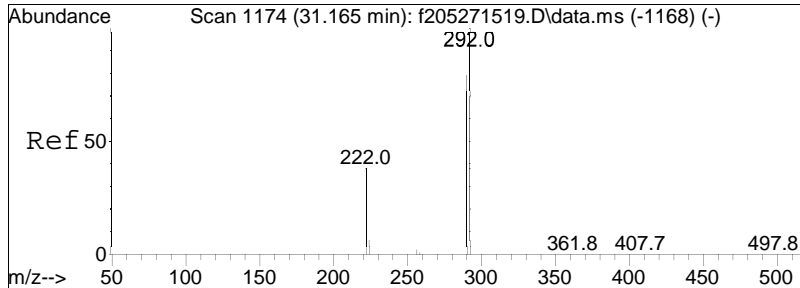




#68
 C15-BZ#103
 Concen: 90.45 ng/mL
 RT: 29.931 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

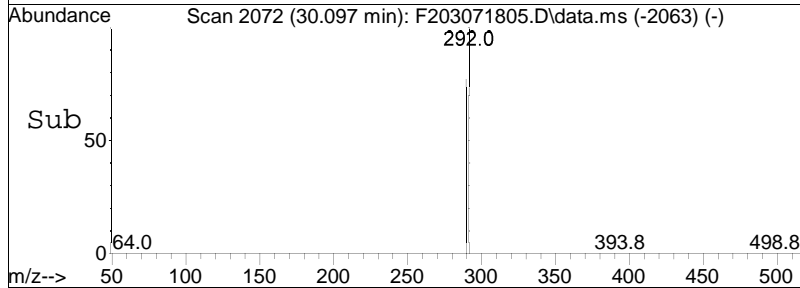
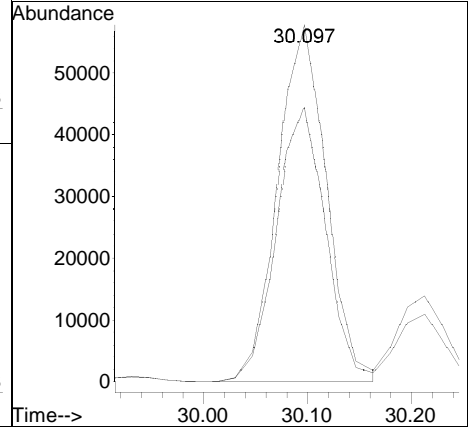
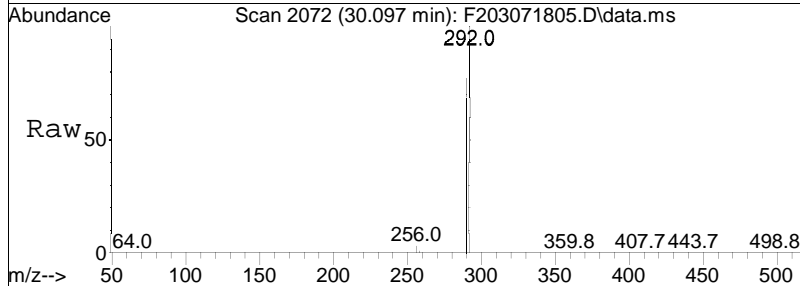
Tgt Ion: 326 Resp: 63208
 Ion Ratio Lower Upper
 326 100
 324 61.9 51.6 77.4

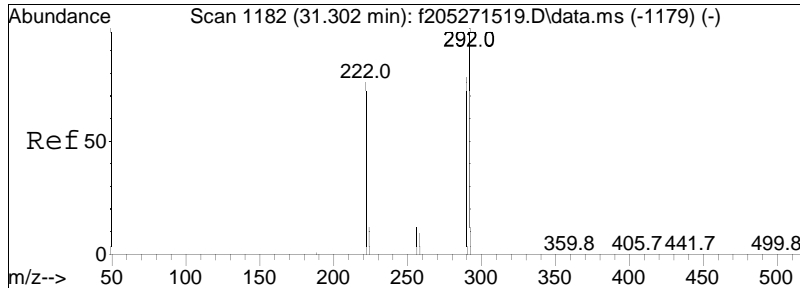




#69
 C14-BZ#68/#64
 Concen: 178.12 ng/mL
 RT: 30.097 min Scan# 2072
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

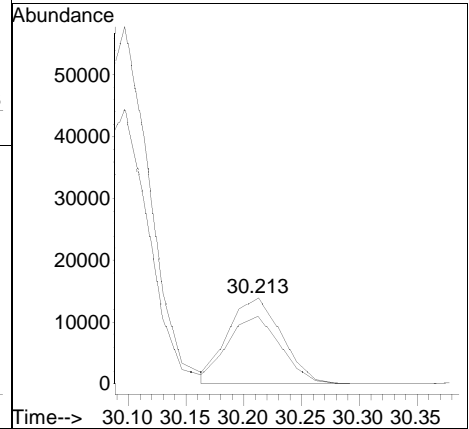
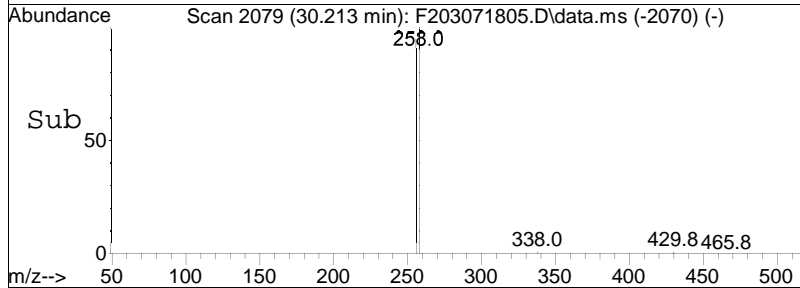
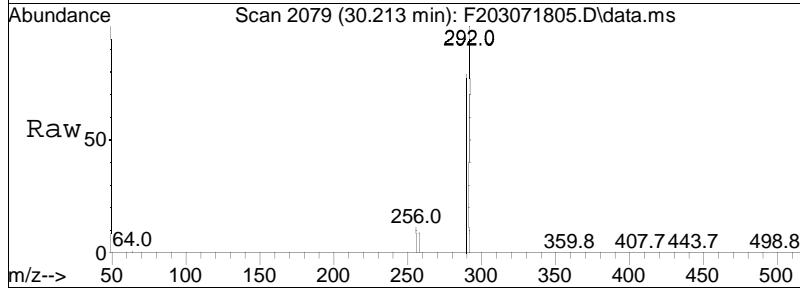
Tgt Ion: 292 Resp: 187365
 Ion Ratio Lower Upper
 292 100
 290 77.6 61.7 92.5

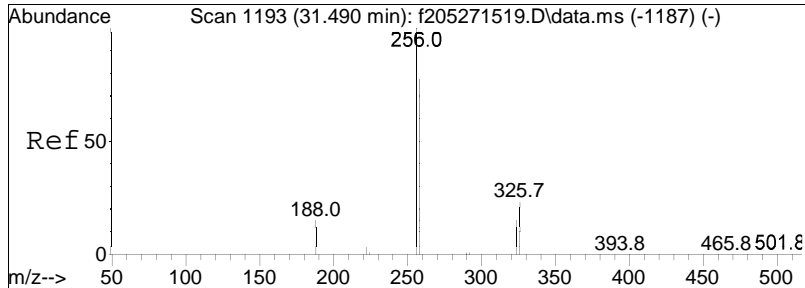




#70
 C14-BZ#40
 Concen: 86.66 ng/mL
 RT: 30.213 min Scan# 2079
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

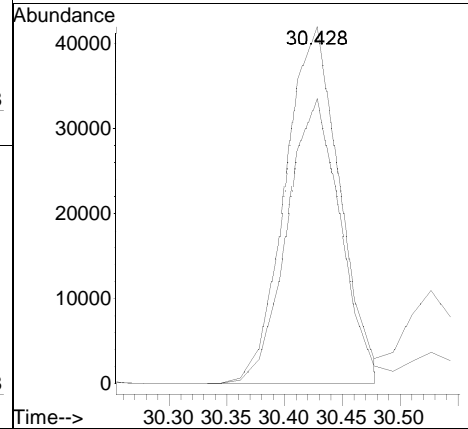
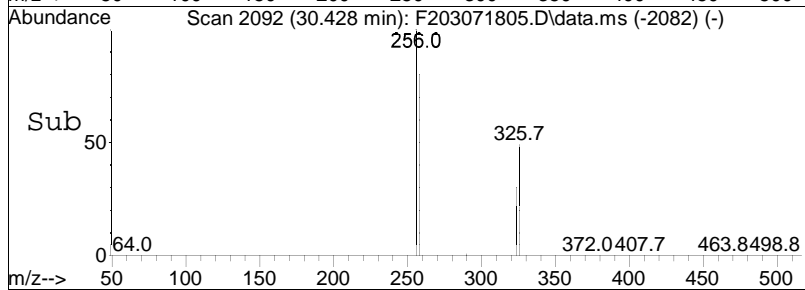
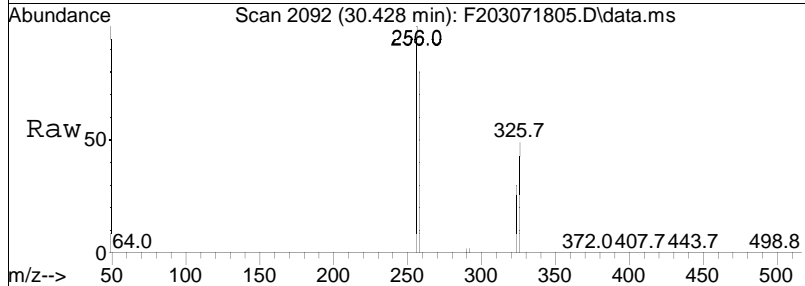
Tgt Ion: 292 Resp: 44392
 Ion Ratio Lower Upper
 292 100
 290 77.8 63.8 95.6

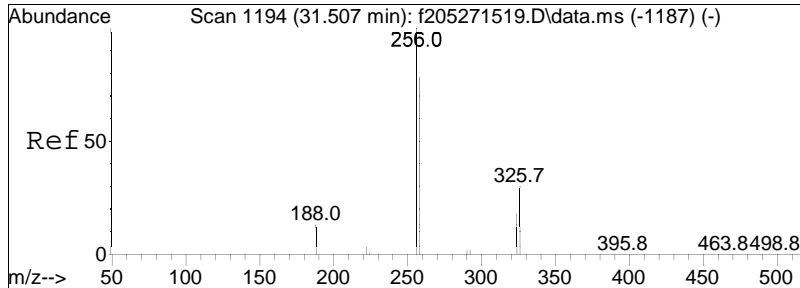




#71
 C13-BZ#37-RTW
 Concen: 85.79 ng/mL
 RT: 30.428 min Scan# 2092
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

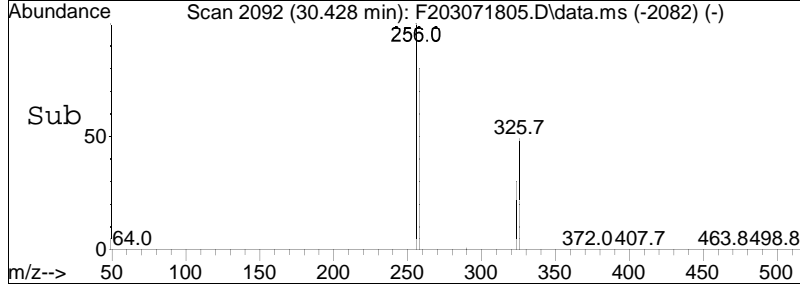
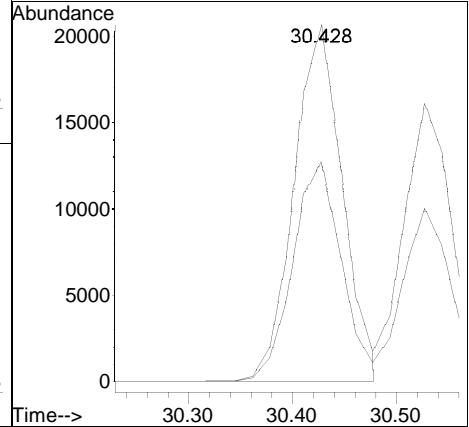
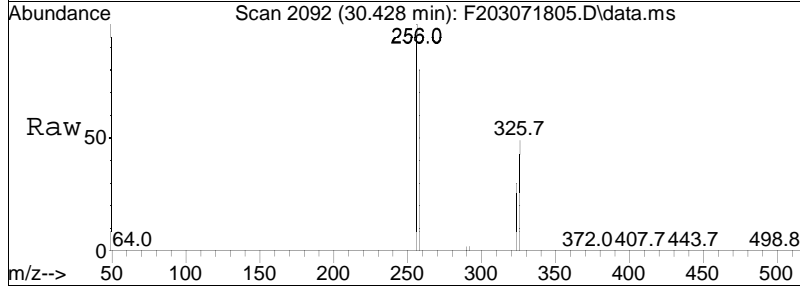
Tgt Ion: 256 Resp: 137040
 Ion Ratio Lower Upper
 256 100
 258 79.7 63.5 95.3

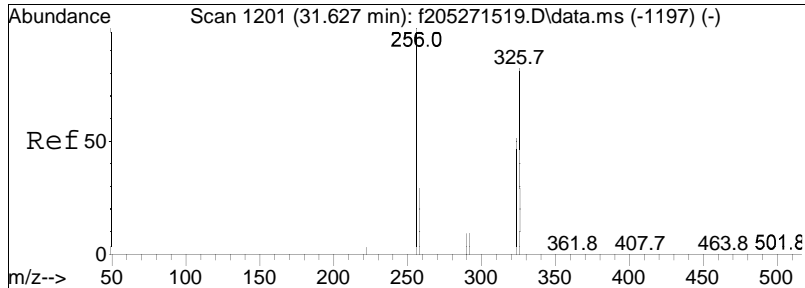




#72
 C15-BZ#100
 Concen: 88.38 ng/mL
 RT: 30.428 min Scan# 2092
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

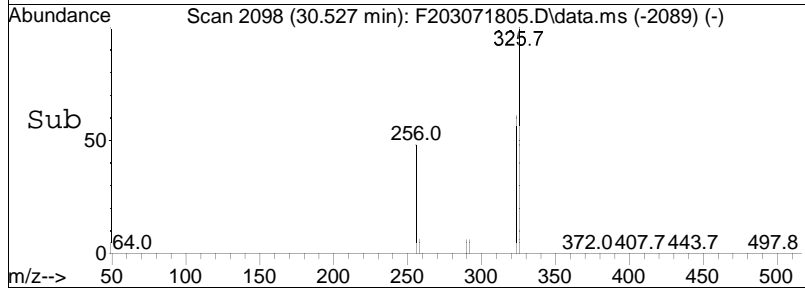
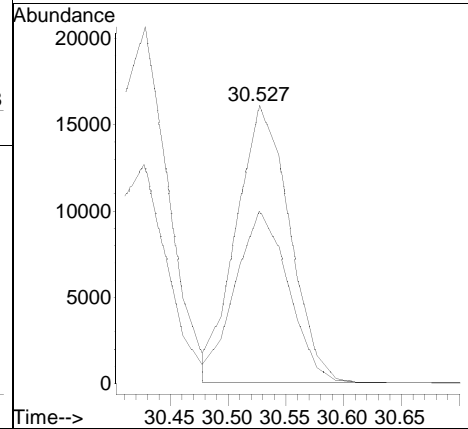
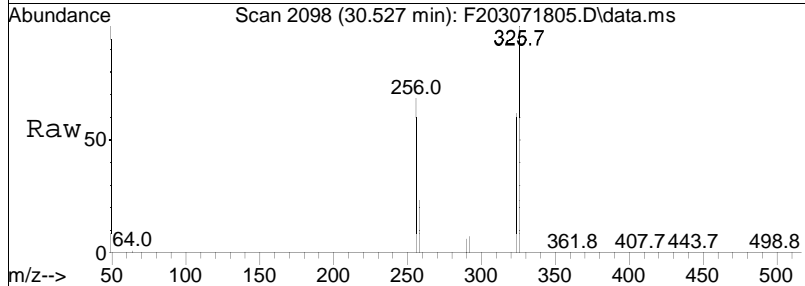
Tgt Ion: 326 Resp: 66552
 Ion Ratio Lower Upper
 326 100
 324 61.8 48.6 73.0

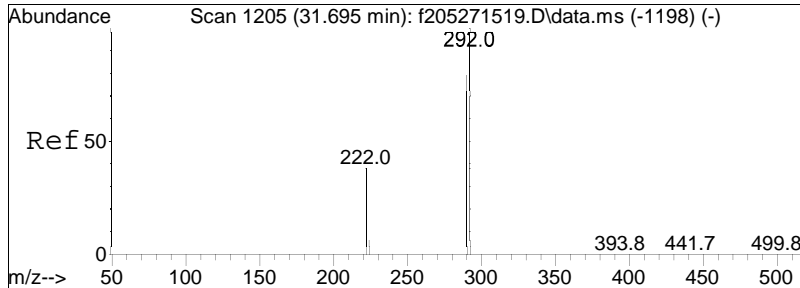




#73
 C15-BZ#94
 Concen: 91.73 ng/mL
 RT: 30.527 min Scan# 2098
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

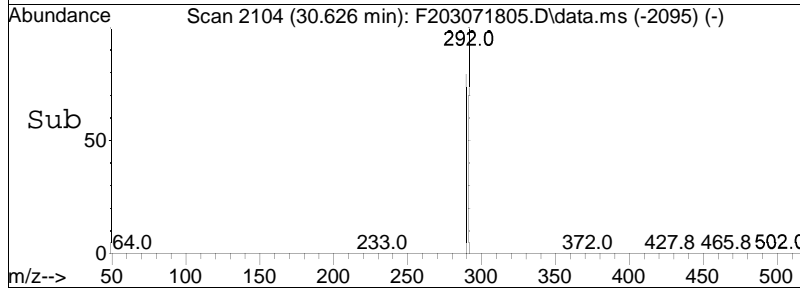
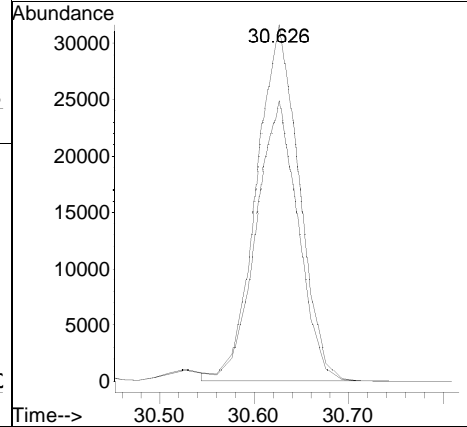
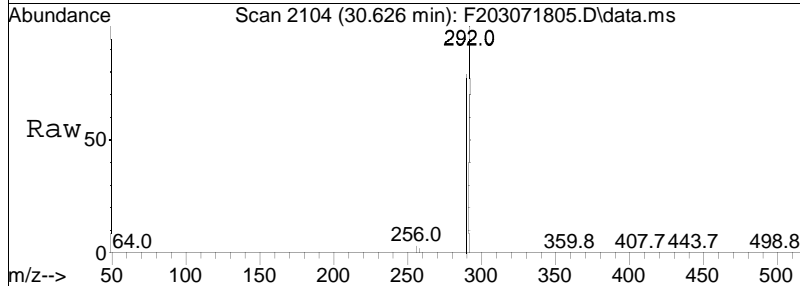
Tgt Ion: 326 Resp: 50997
 Ion Ratio Lower Upper
 326 100
 324 61.9 49.7 74.5

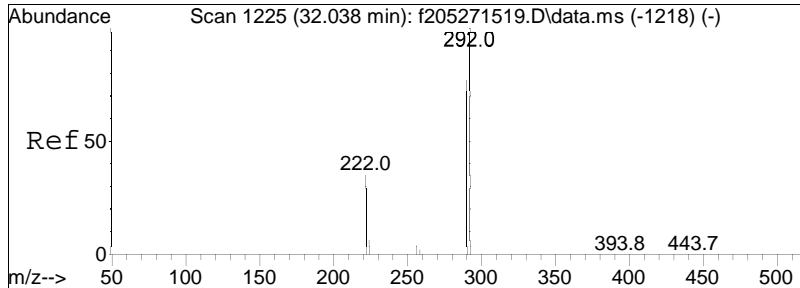




#74
 C14-BZ#57
 Concen: 86.93 ng/mL
 RT: 30.626 min Scan# 2104
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

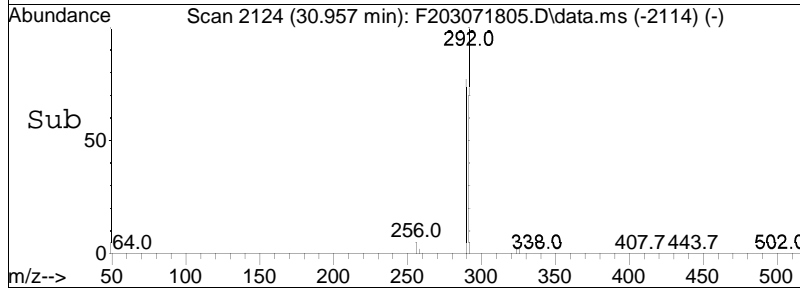
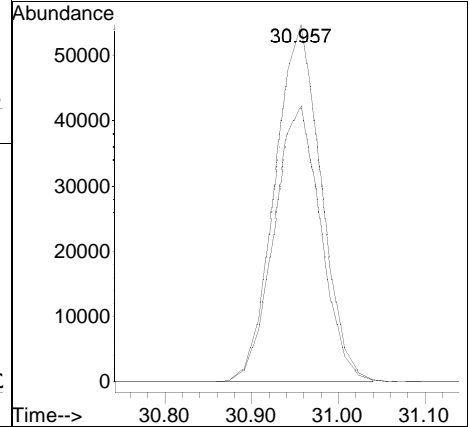
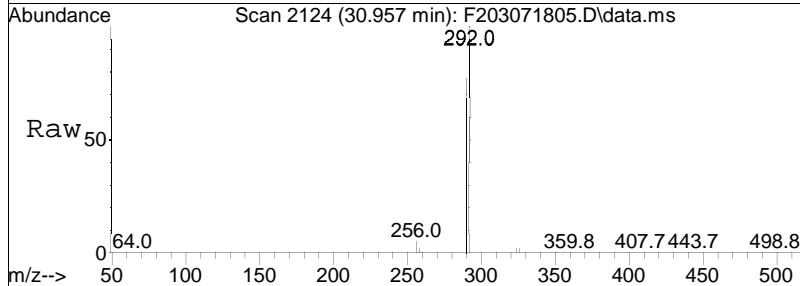
Tgt Ion	Resp	Lower	Upper
292	100		
290	78.0	63.9	95.9

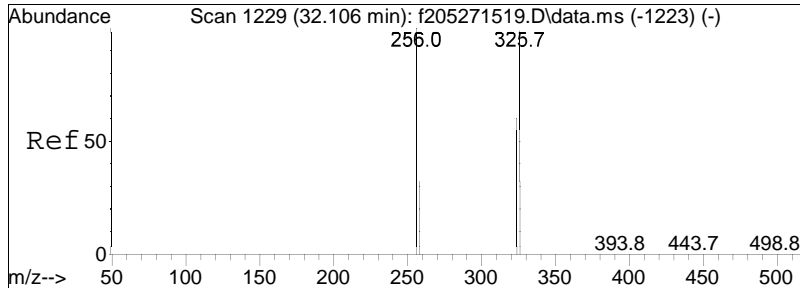




#75
 C14-BZ#67/#58
 Concen: 177.66 ng/mL
 RT: 30.957 min Scan# 2124
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

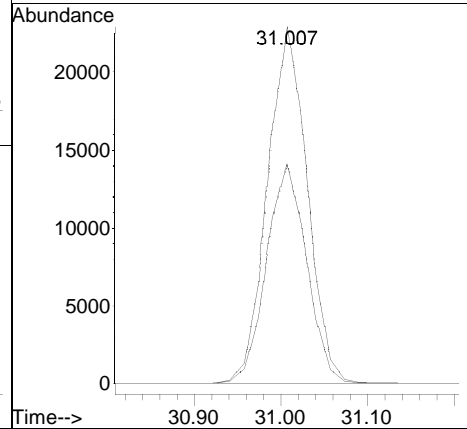
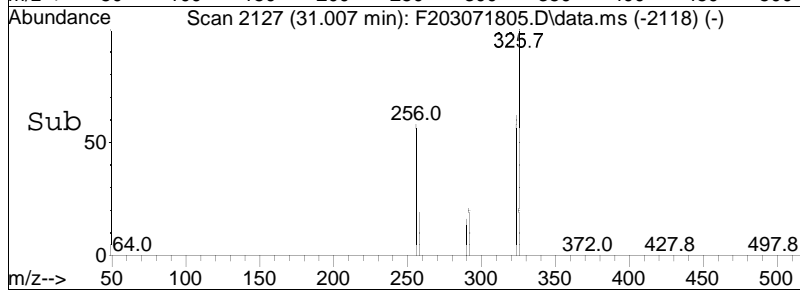
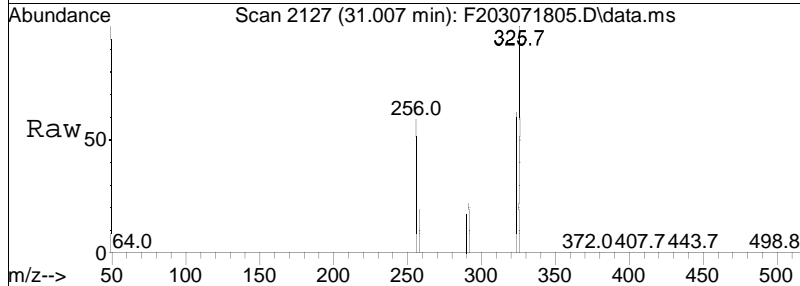
Tgt Ion	Resp	Lower	Upper
292	100		
290	78.0	62.3	93.5

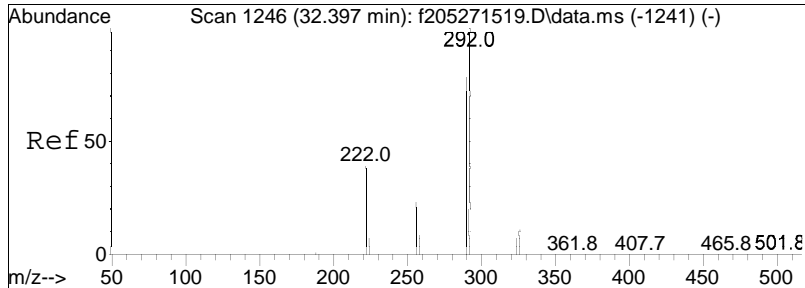




#76
 C15-BZ#102
 Concen: 90.28 ng/mL
 RT: 31.007 min Scan# 2127
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

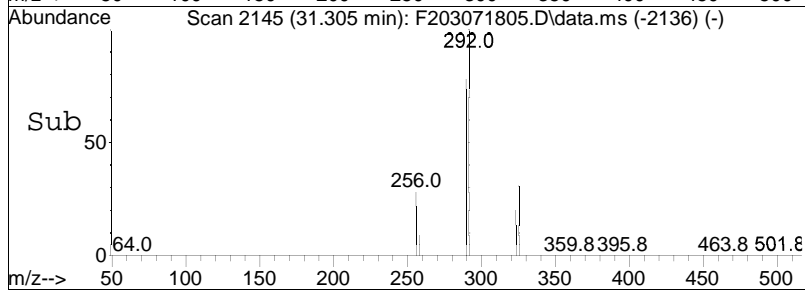
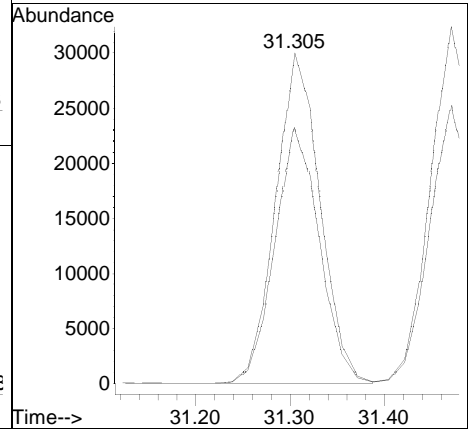
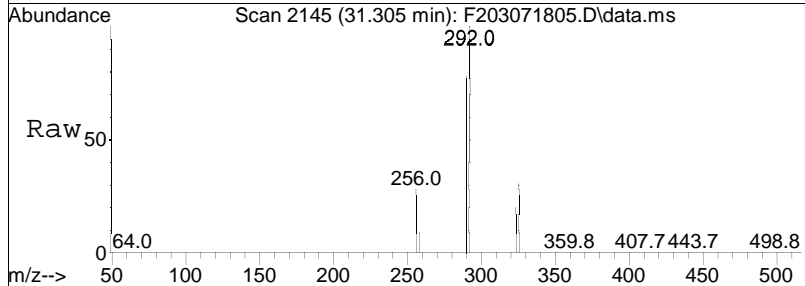
Tgt Ion: 326 Resp: 72263
 Ion Ratio Lower Upper
 326 100
 324 62.2 49.8 74.8

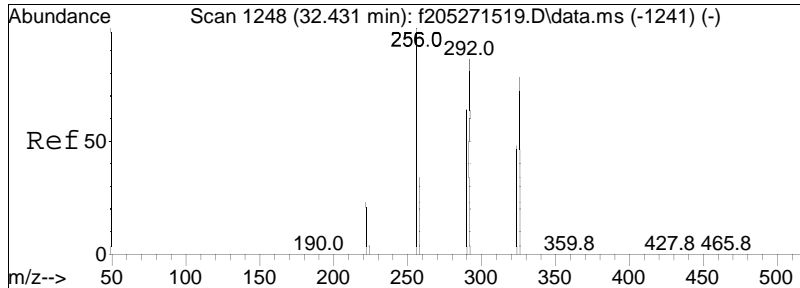




#77
 C14-BZ#61
 Concen: 87.09 ng/mL
 RT: 31.305 min Scan# 2145
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

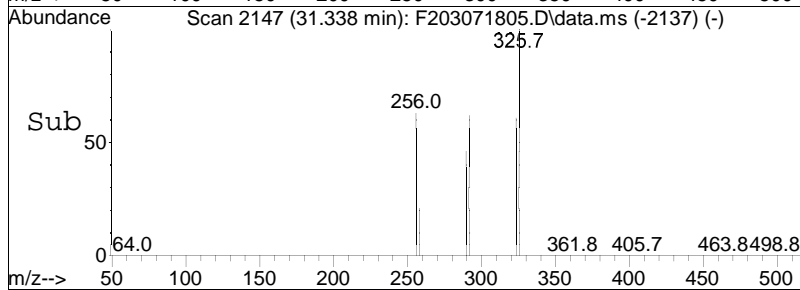
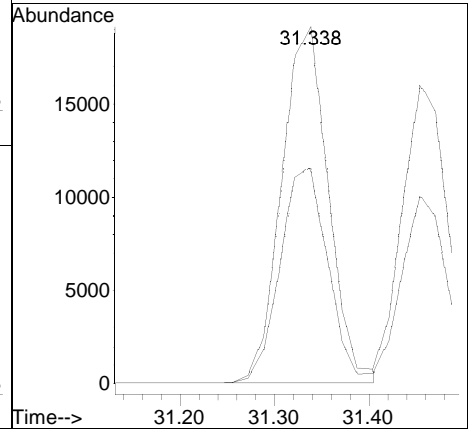
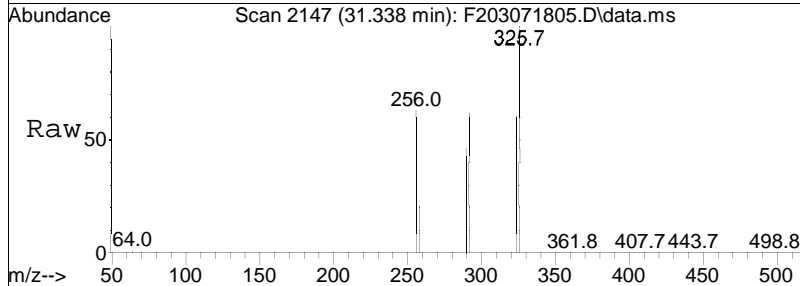
Tgt Ion	Resp	Lower	Upper
292	100		
290	77.6	61.5	92.3

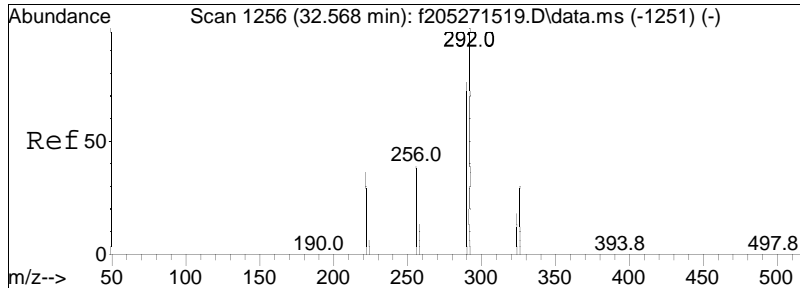




#78
 C15-BZ#98
 Concen: 89.45 ng/mL
 RT: 31.338 min Scan# 2147
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

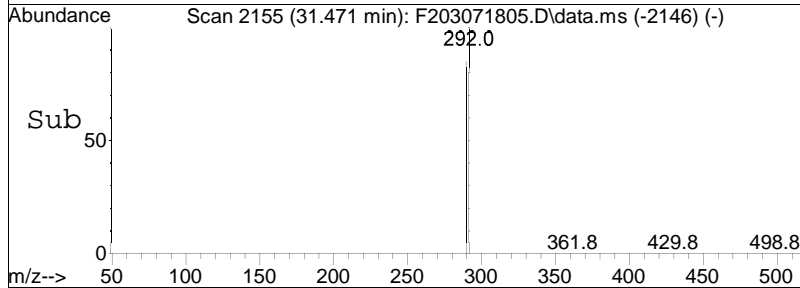
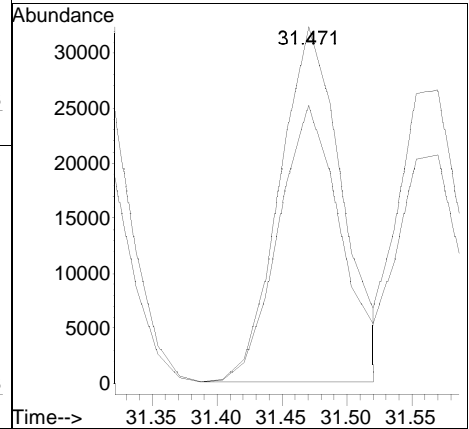
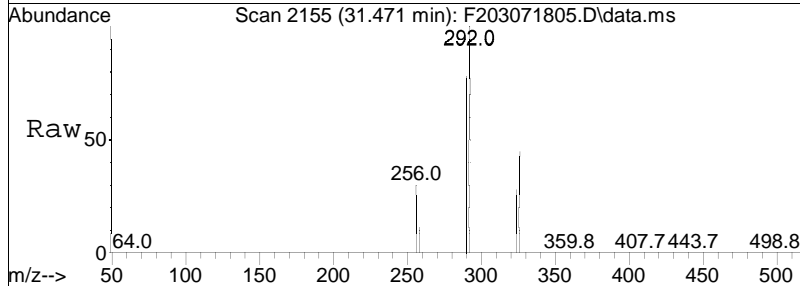
Tgt Ion: 326 Resp: 65595
 Ion Ratio Lower Upper
 326 100
 324 61.3 50.2 75.2

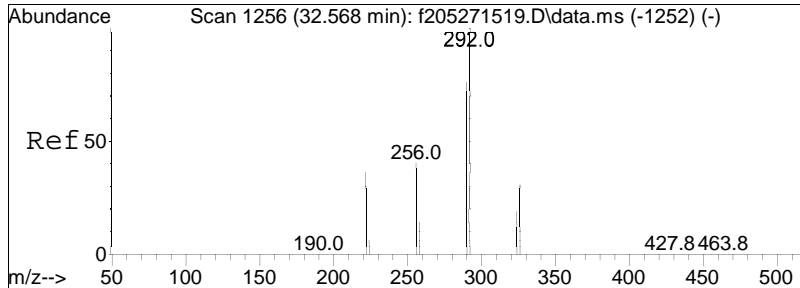




#79
 C14-BZ#76
 Concen: 91.96 ng/mL
 RT: 31.471 min Scan# 2155
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

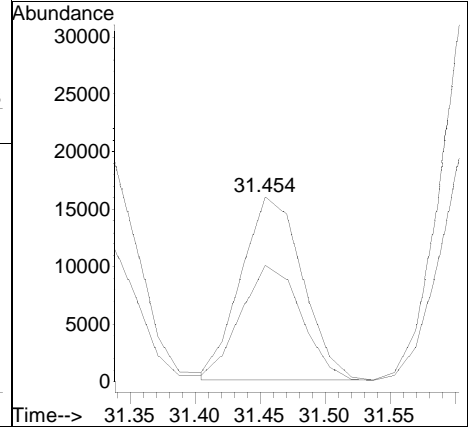
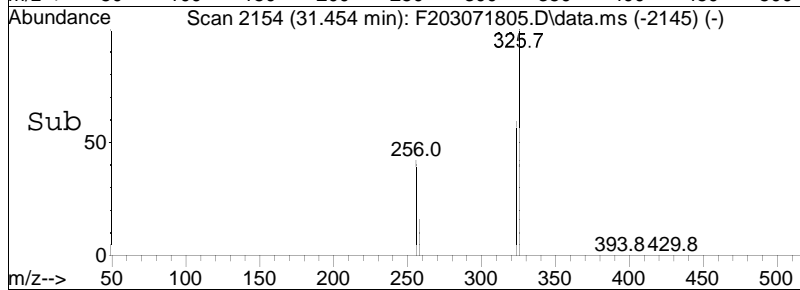
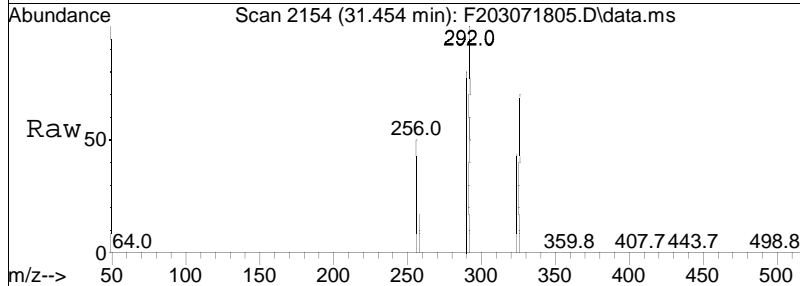
Tgt Ion: 292 Resp: 108890
 Ion Ratio Lower Upper
 292 100
 290 78.2 62.2 93.2

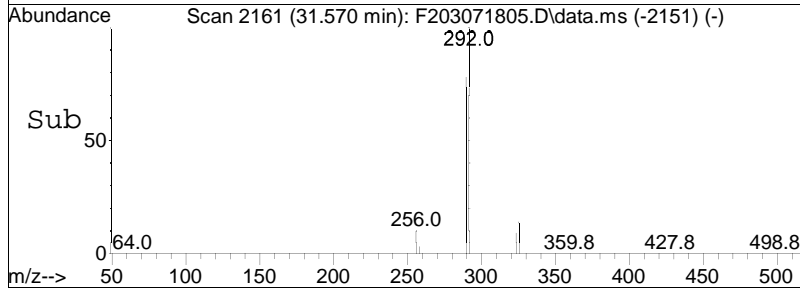
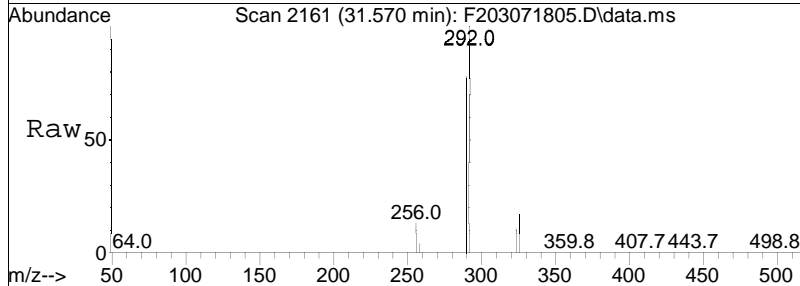
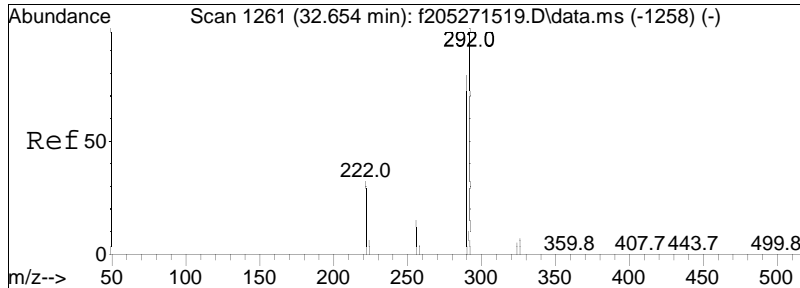




#80
 C15-BZ#93
 Concen: 88.67 ng/mL
 RT: 31.454 min Scan# 2154
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

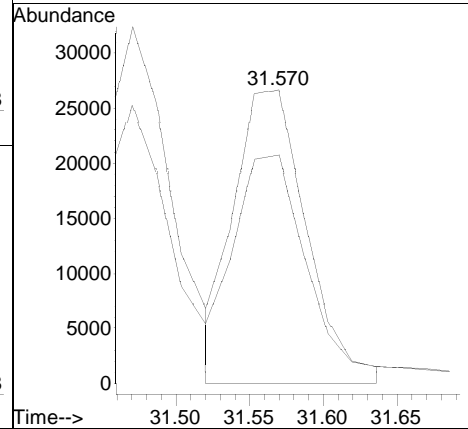
Tgt Ion: 326 Resp: 52453
 Ion Ratio Lower Upper
 326 100
 324 62.7 49.8 74.6

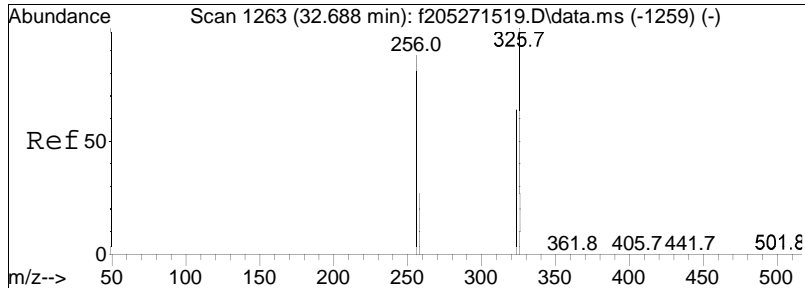




#81
 C14-BZ#63
 Concen: 85.21 ng/mL M4
 RT: 31.570 min Scan# 2161
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

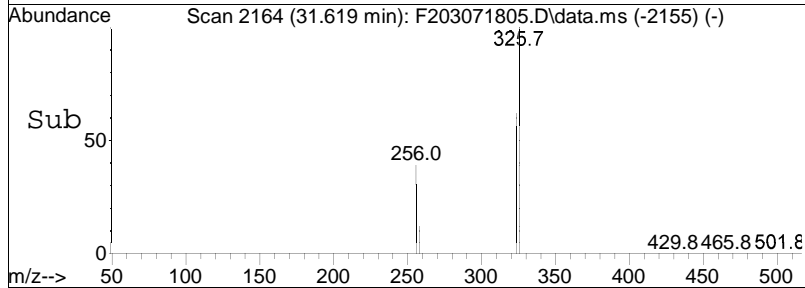
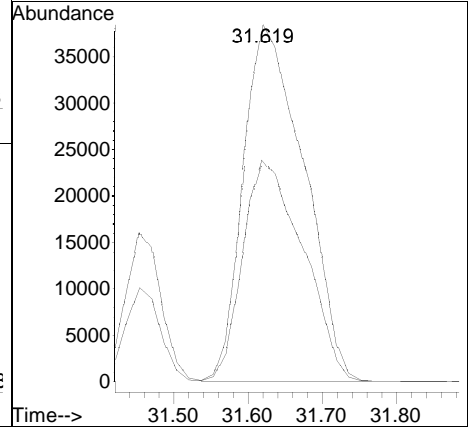
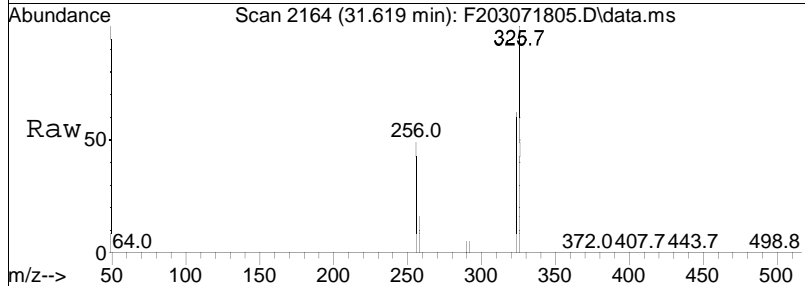
Tgt Ion	Resp	Lower	Upper
292	100		
290	78.0	61.7	92.5

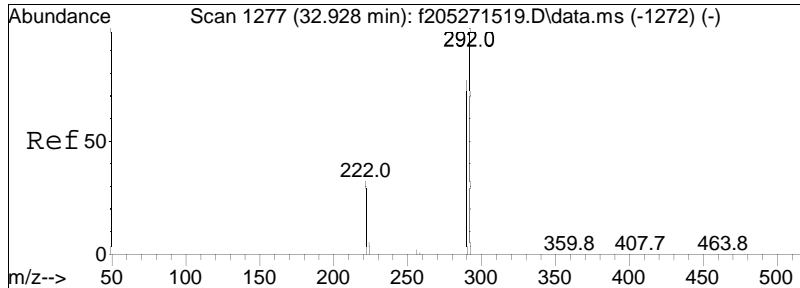




#82
 C15-BZ#121/#95/#88
 Concen: 275.47 ng/mL
 RT: 31.619 min Scan# 2164
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

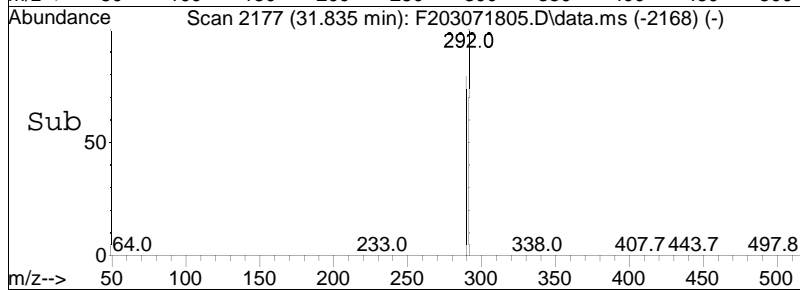
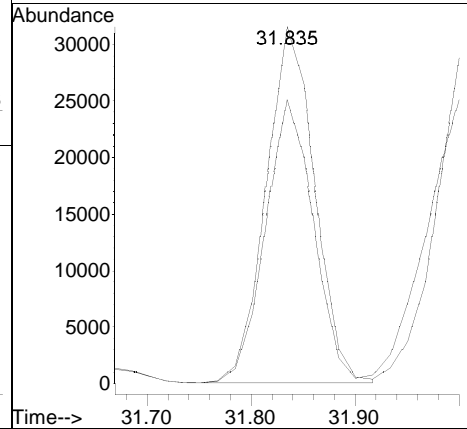
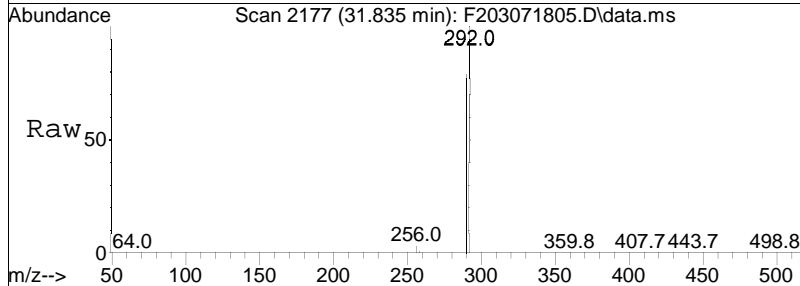
Tgt Ion: 326 Resp: 216265
 Ion Ratio Lower Upper
 326 100
 324 61.6 49.4 74.2

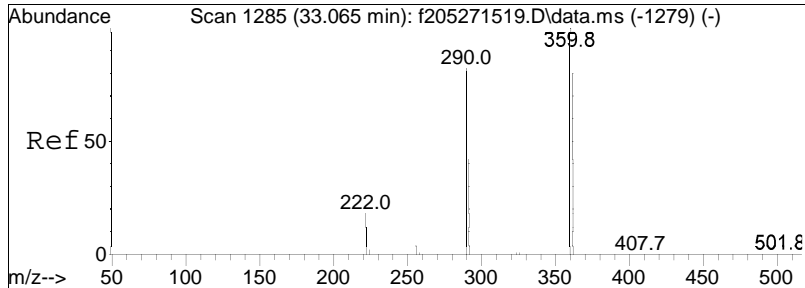




#83
 Cl4-BZ#74
 Concen: 86.83 ng/mL
 RT: 31.835 min Scan# 2177
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

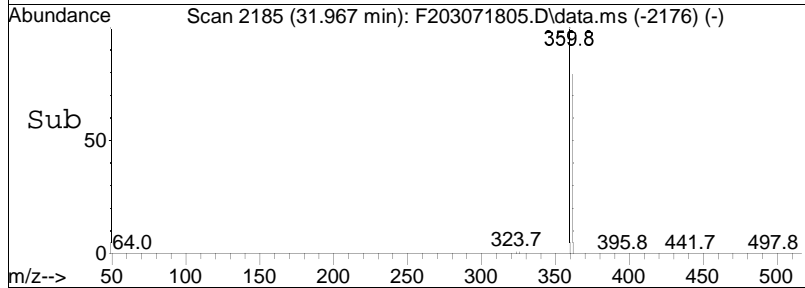
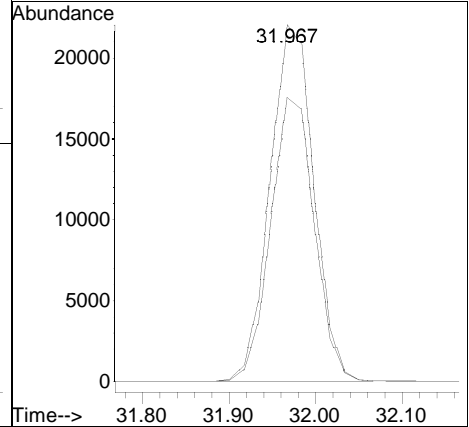
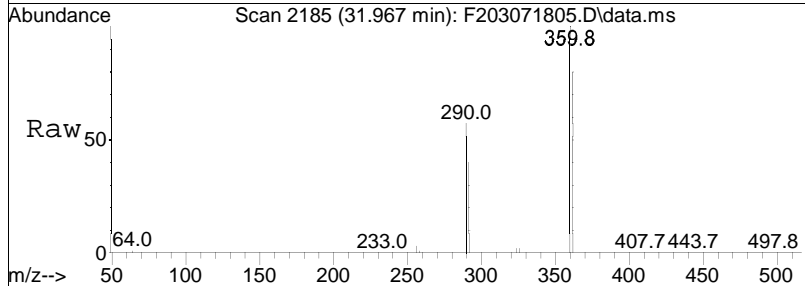
Tgt Ion	Resp	Lower	Upper
292	100		
290	79.5	63.6	95.4

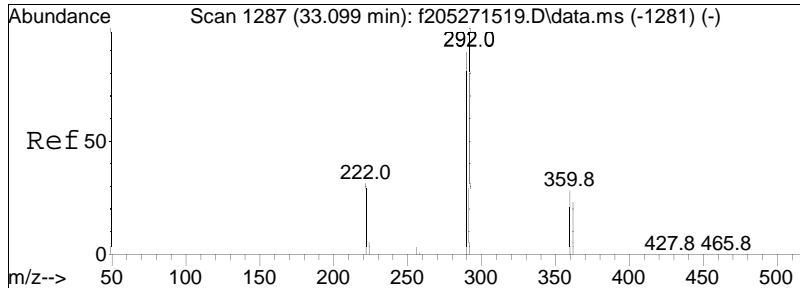




#84
 Cl6-BZ#155-RTW
 Concen: 88.47 ng/mL
 RT: 31.967 min Scan# 2185
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

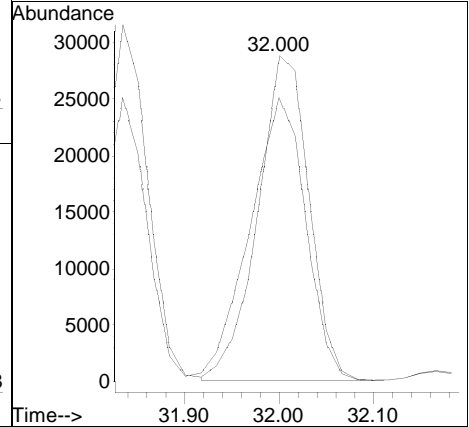
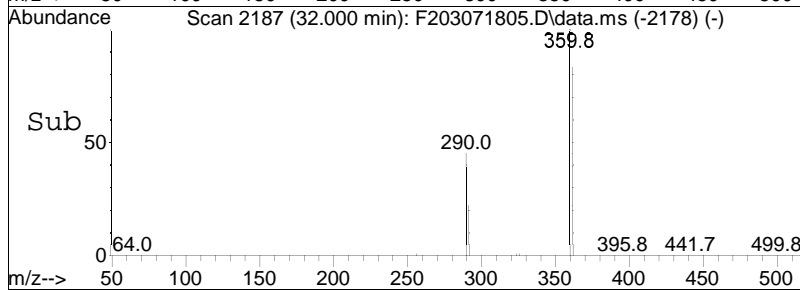
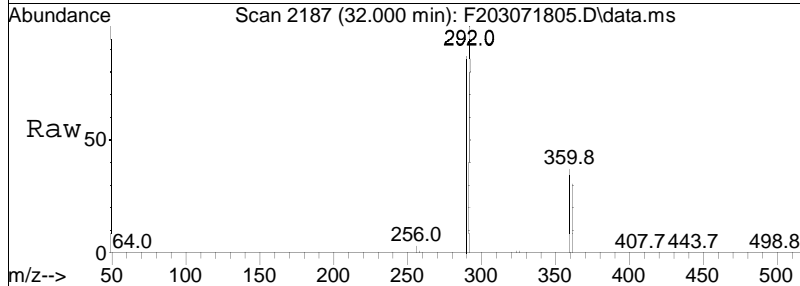
Tgt Ion: 360 Resp: 76991
 Ion Ratio Lower Upper
 360 100
 362 79.4 63.7 95.5

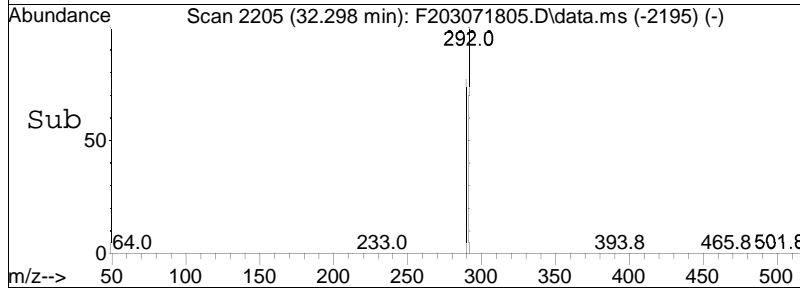
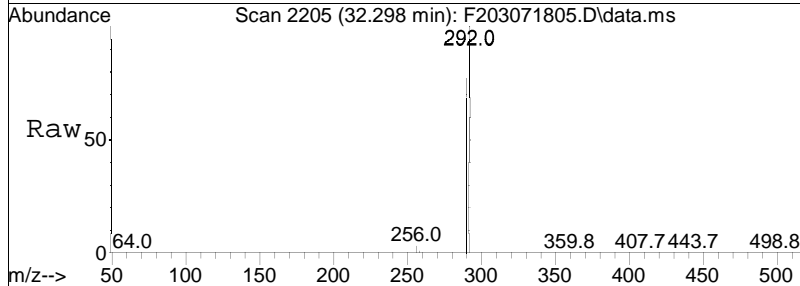
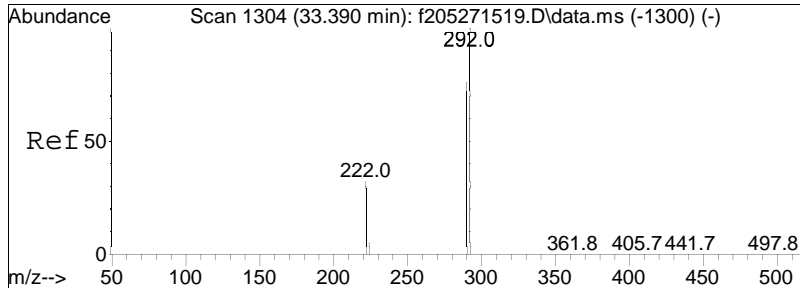




#85
 Cl4-BZ#70
 Concen: 88.75 ng/mL
 RT: 32.000 min Scan# 2187
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

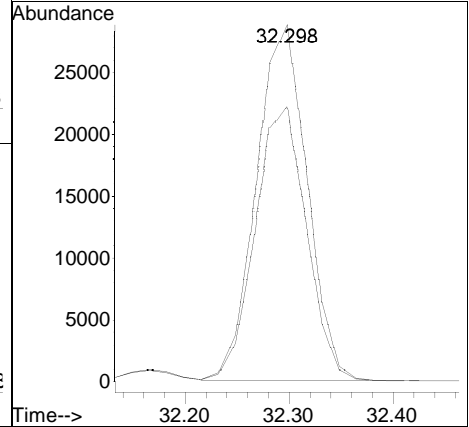
Tgt Ion: 292 Resp: 107404
 Ion Ratio Lower Upper
 292 100
 290 87.0 66.7 100.1

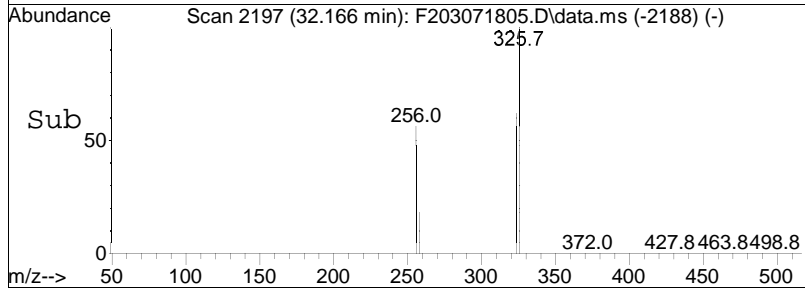
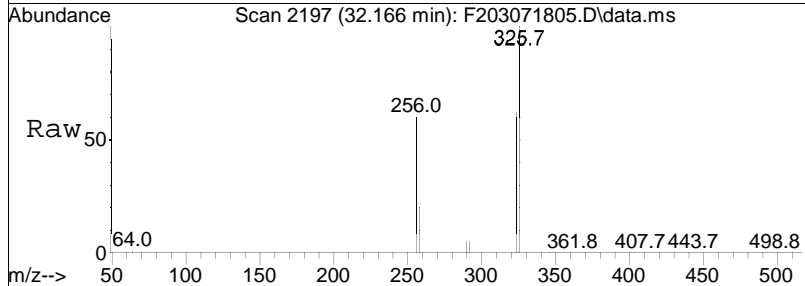
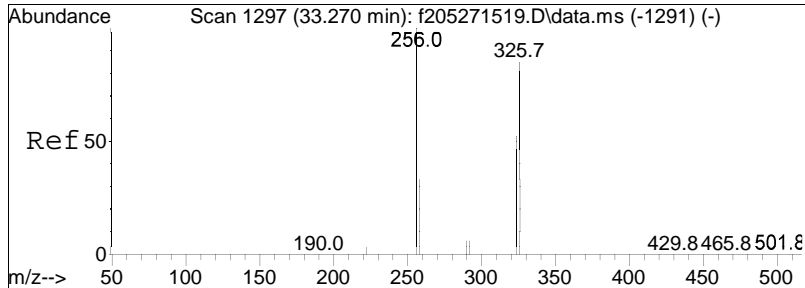




#86
 C14-BZ#66
 Concen: 88.31 ng/mL
 RT: 32.298 min Scan# 2205
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

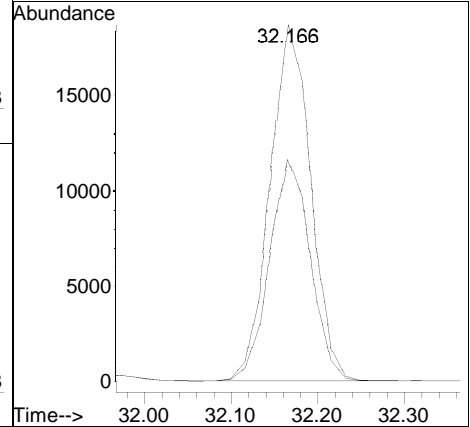
Tgt Ion	Resp	Lower	Upper
292	100		
290	77.1	62.3	93.5

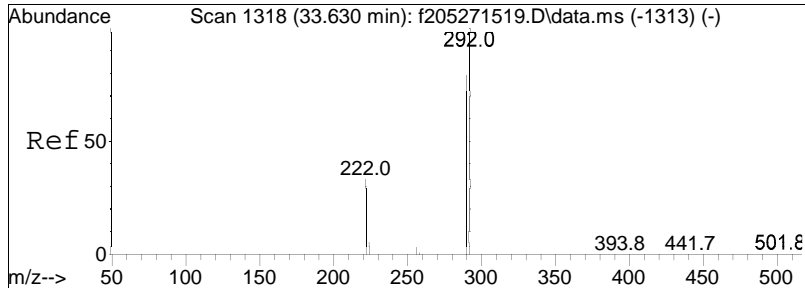




#87
 C15-BZ#91
 Concen: 87.52 ng/mL
 RT: 32.166 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

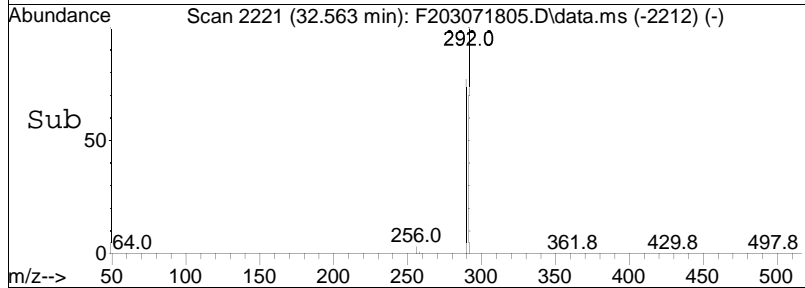
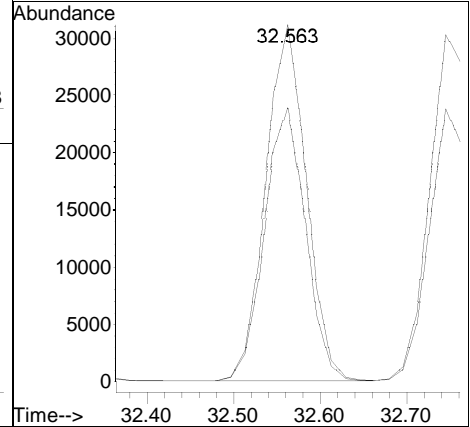
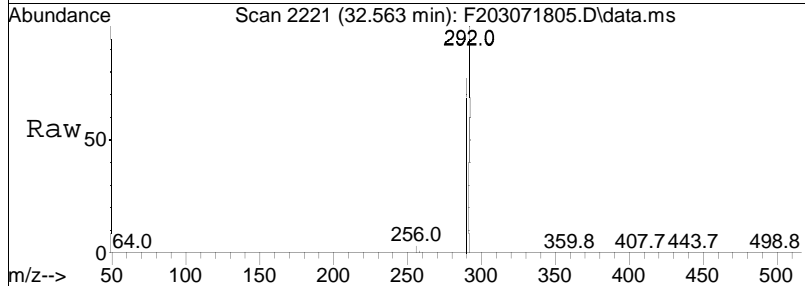
Tgt Ion: 326 Resp: 60565
 Ion Ratio Lower Upper
 326 100
 324 62.3 50.0 75.0

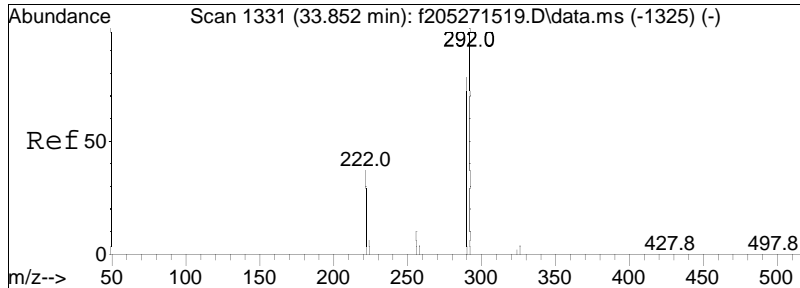




#88
 Cl4-BZ#80
 Concen: 87.98 ng/mL
 RT: 32.563 min Scan# 2221
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

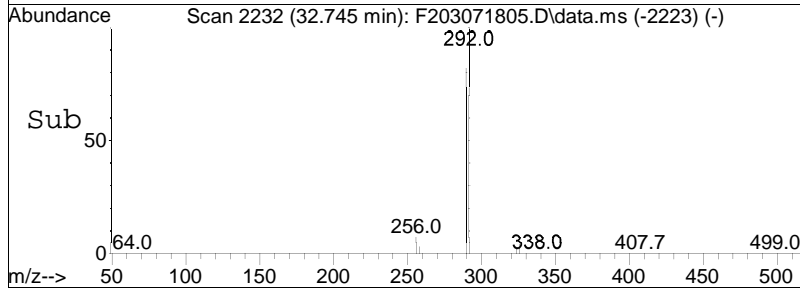
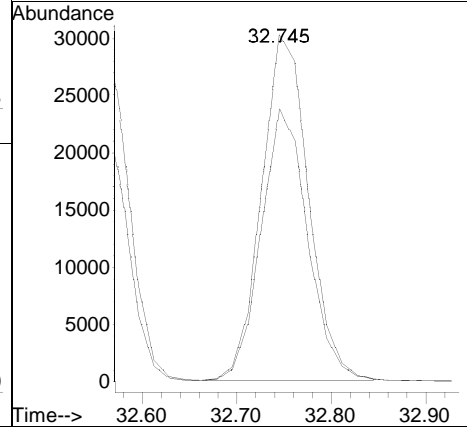
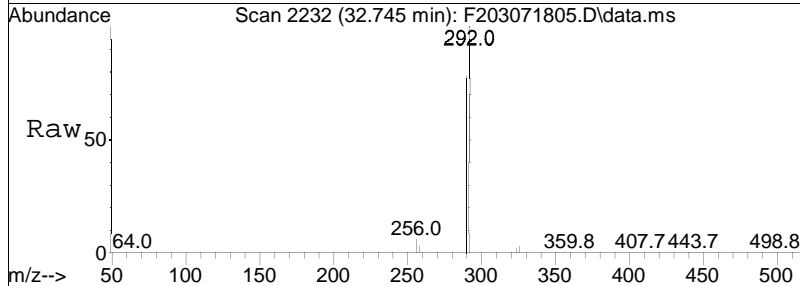
Tgt Ion: 292 Resp: 100932
 Ion Ratio Lower Upper
 292 100
 290 77.7 63.5 95.3

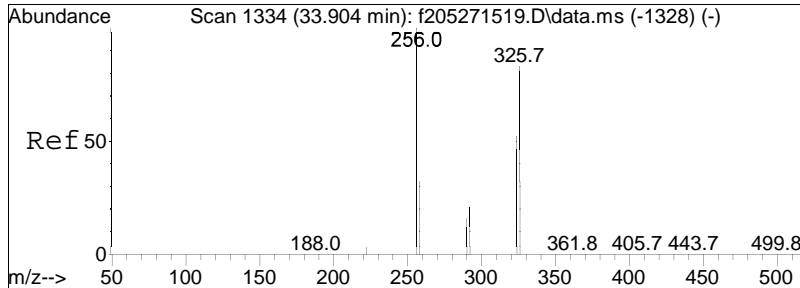




#89
 C14-BZ#55
 Concen: 88.85 ng/mL
 RT: 32.745 min Scan# 2232
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

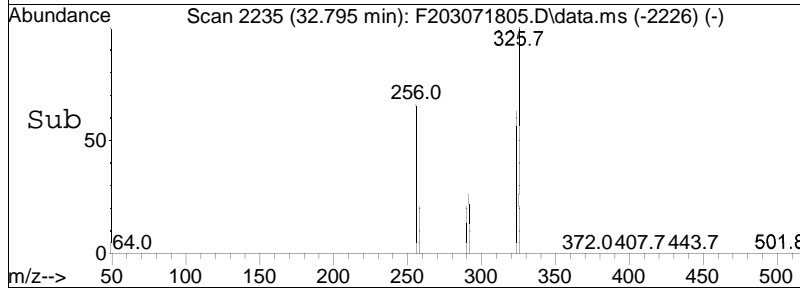
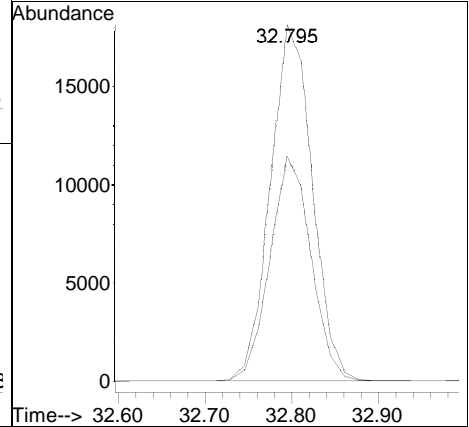
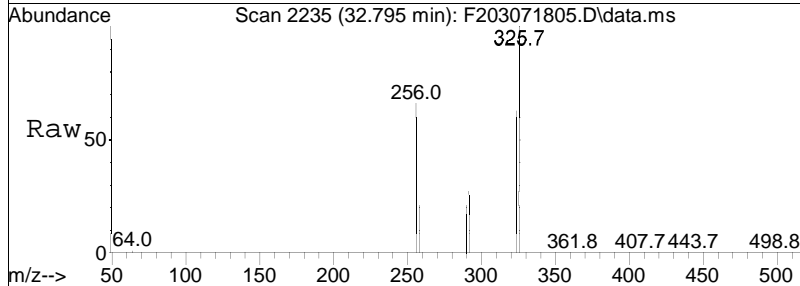
Tgt Ion	Resp	Lower	Upper
292	104073		
290	77.6	61.8	92.6

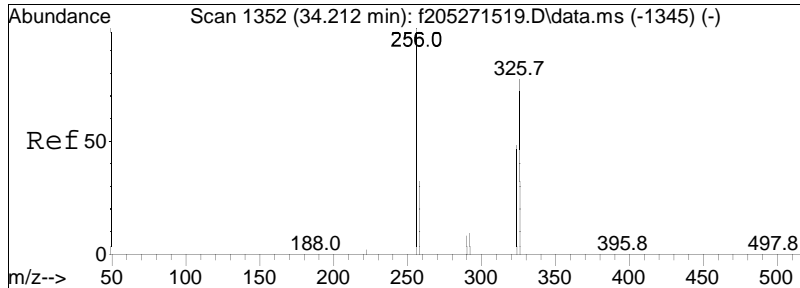




#90
 C15-BZ#92
 Concen: 89.62 ng/mL
 RT: 32.795 min Scan# 2235
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

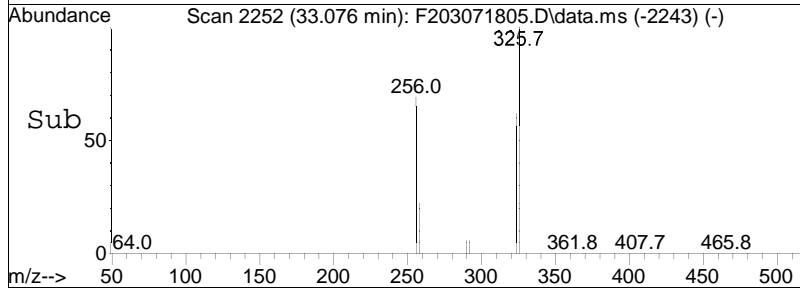
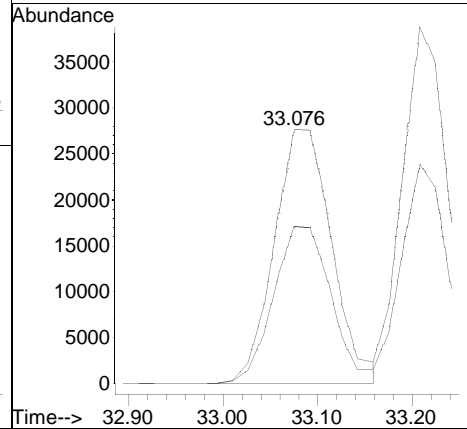
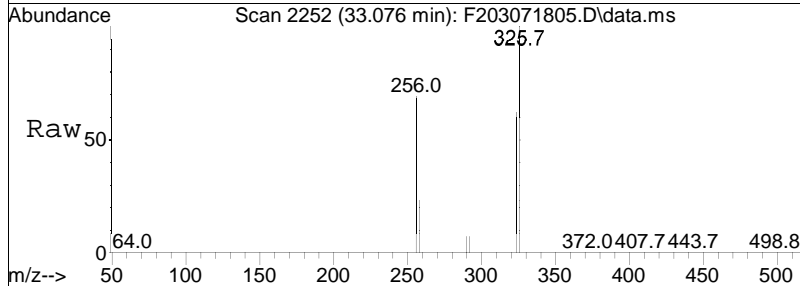
Tgt Ion: 326 Resp: 60497
 Ion Ratio Lower Upper
 326 100
 324 63.3 49.1 73.7

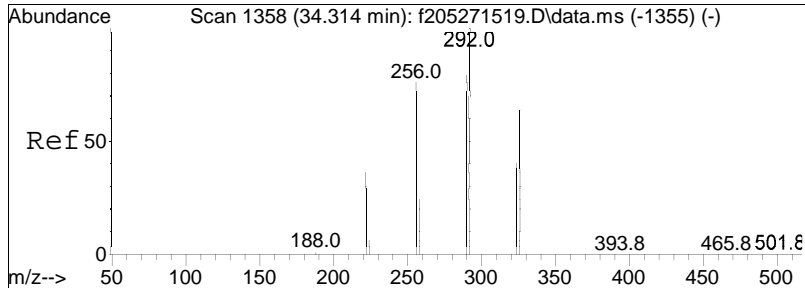




#91
 C15-BZ#89/#84
 Concen: 179.96 ng/mL
 RT: 33.076 min Scan# 2252
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

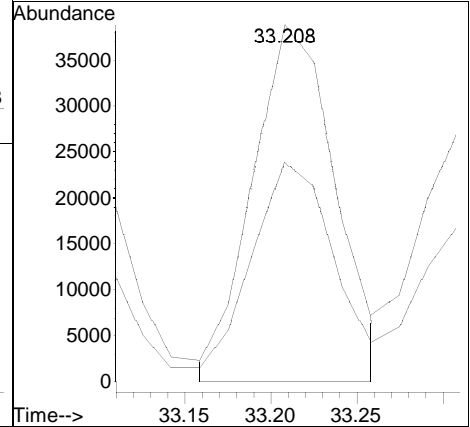
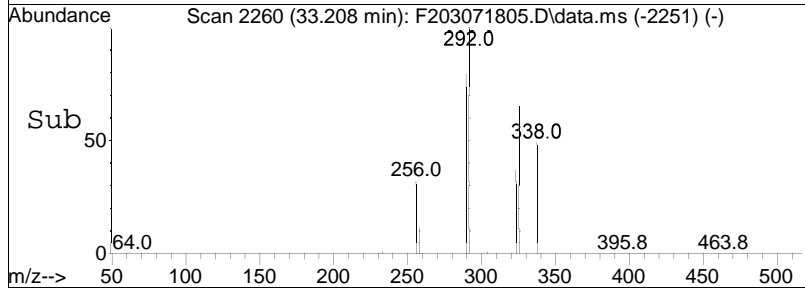
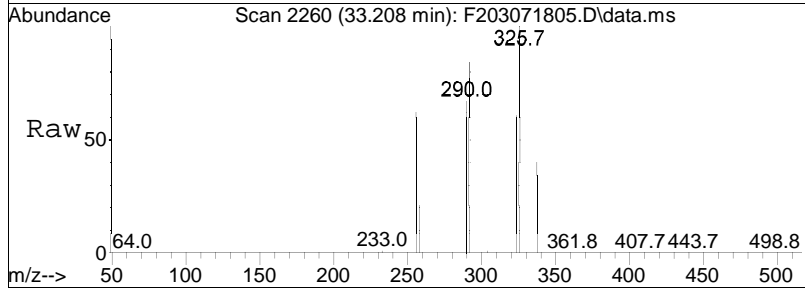
Tgt Ion: 326 Resp: 116420
 Ion Ratio Lower Upper
 326 100
 324 61.9 47.8 71.8

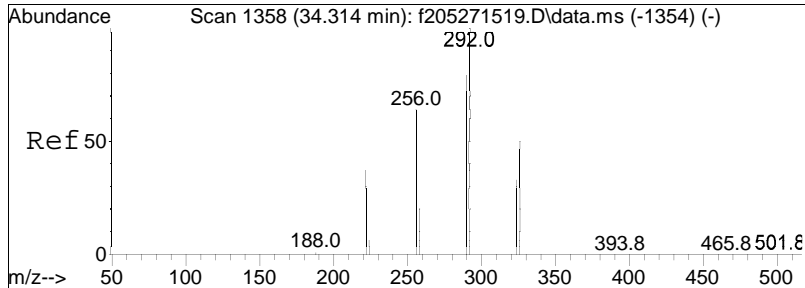




#92
 C15-BZ#101/#90
 Concen: 174.45 ng/mL M4
 RT: 33.208 min Scan# 2260
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

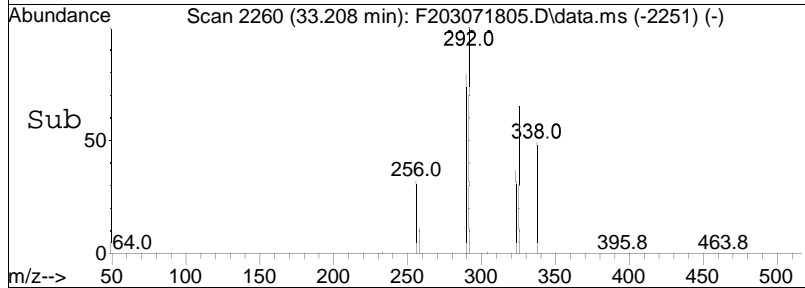
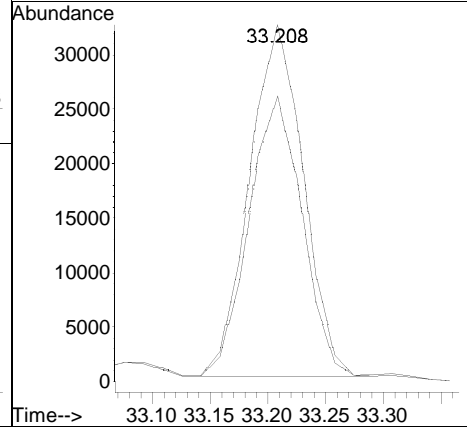
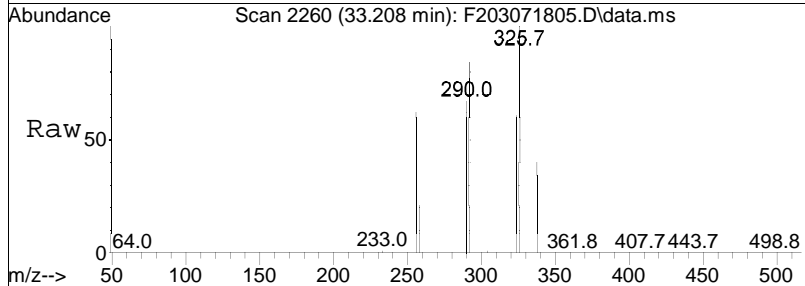
Tgt Ion: 326 Resp: 130014
 Ion Ratio Lower Upper
 326 100
 324 54.8 48.9 73.3

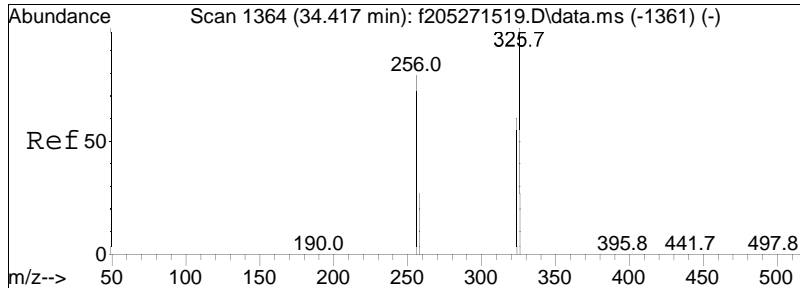




#94
 C14-BZ#56
 Concen: 89.87 ng/mL
 RT: 33.208 min Scan# 2260
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

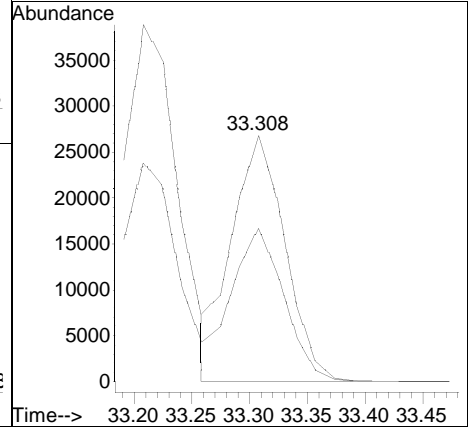
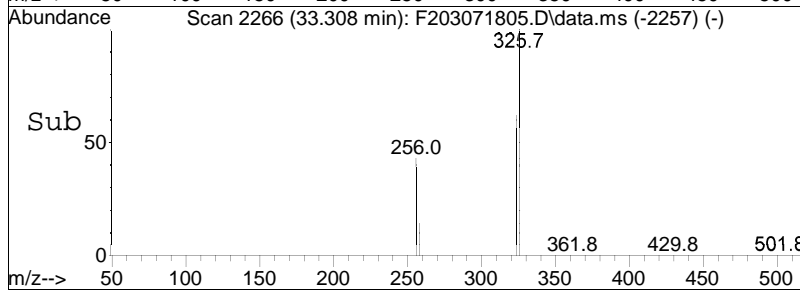
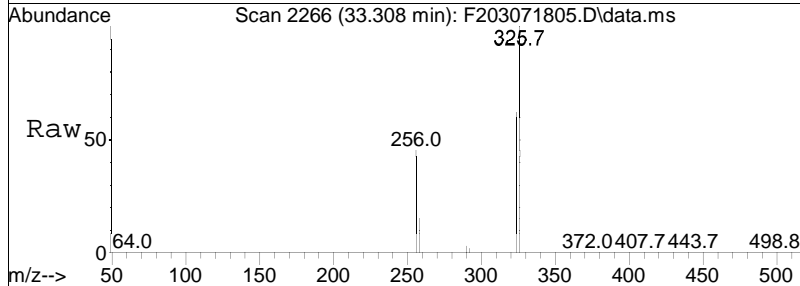
Tgt Ion: 292 Resp: 104142
 Ion Ratio Lower Upper
 292 100
 290 78.7 63.5 95.3

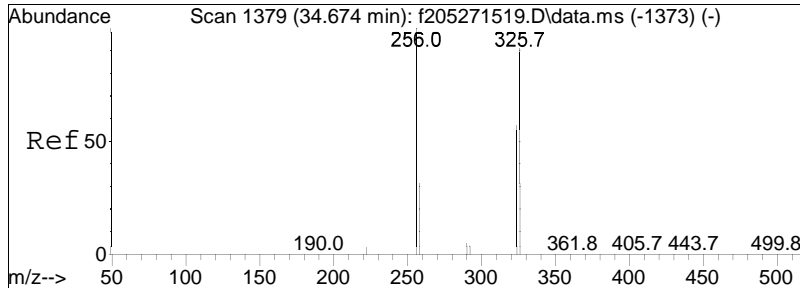




#95
 C15-BZ#113
 Concen: 97.28 ng/mL
 RT: 33.308 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

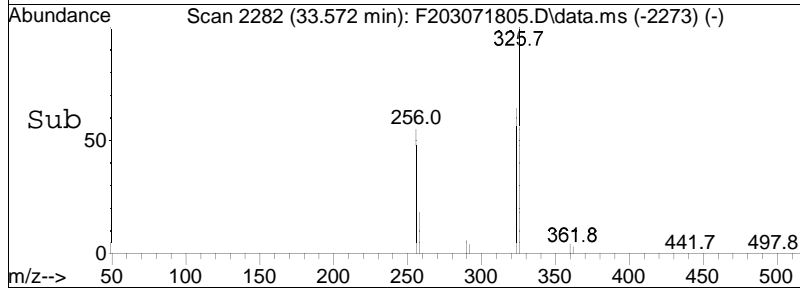
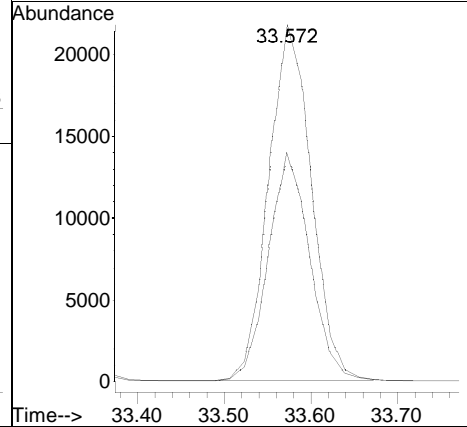
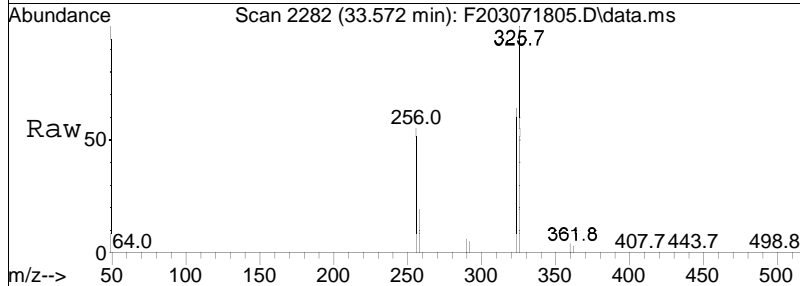
Tgt Ion	Ratio	Lower	Upper
326	100		
324	61.4	50.5	75.7

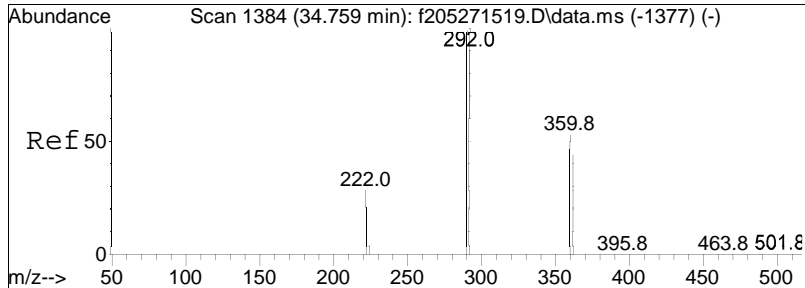




#96
 C15-BZ#99
 Concen: 88.10 ng/mL
 RT: 33.572 min Scan# 2282
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

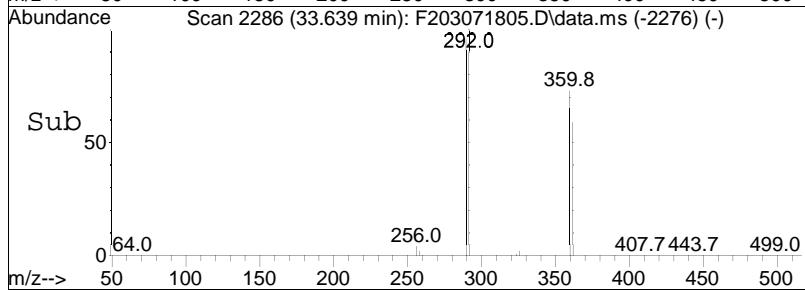
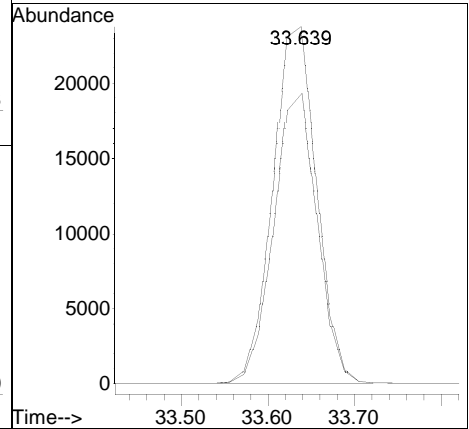
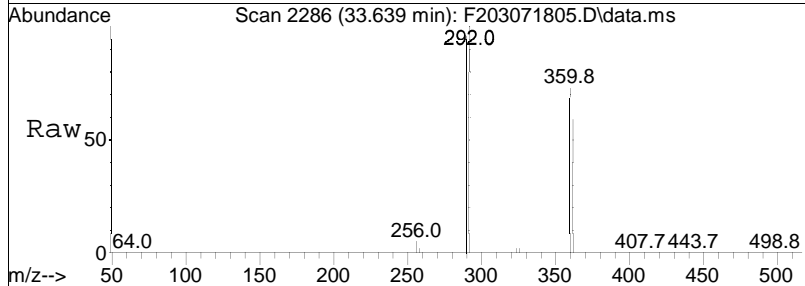
Tgt Ion	Resp	Lower	Upper
326	74143		
326	100		
324	62.4	50.5	75.7

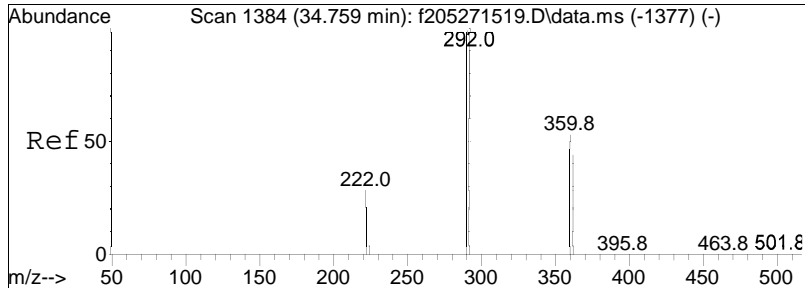




#97
 Cl6-BZ#150
 Concen: 89.28 ng/mL
 RT: 33.639 min Scan# 2286
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

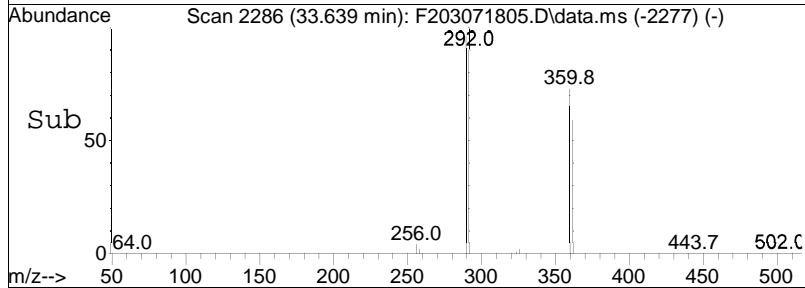
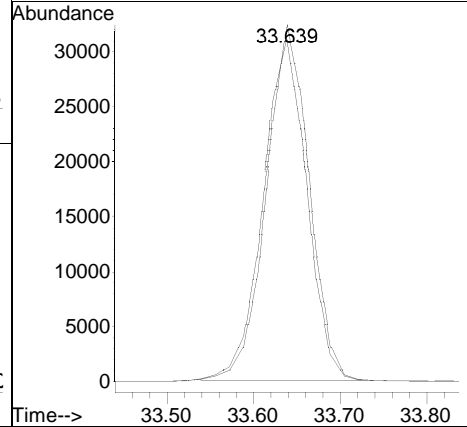
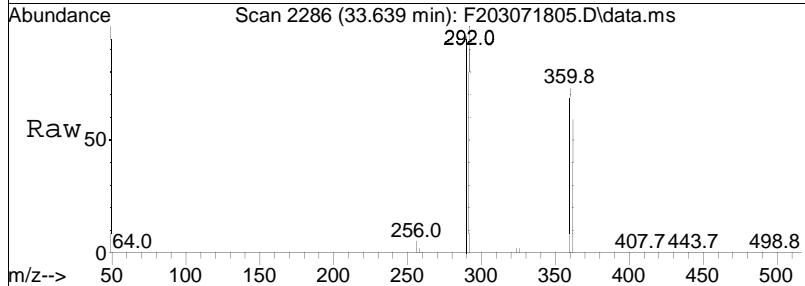
Tgt Ion	Resp	Lower	Upper
360	83310		
362	80.6	65.2	97.8

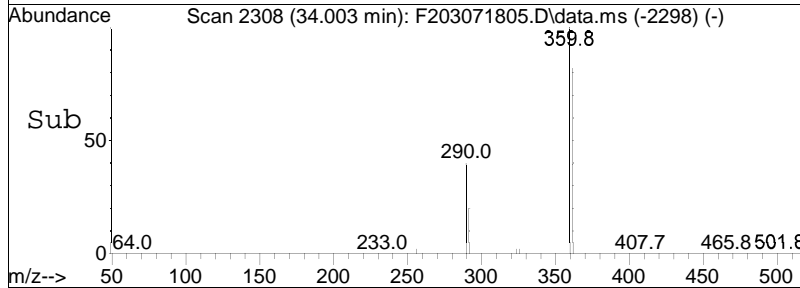
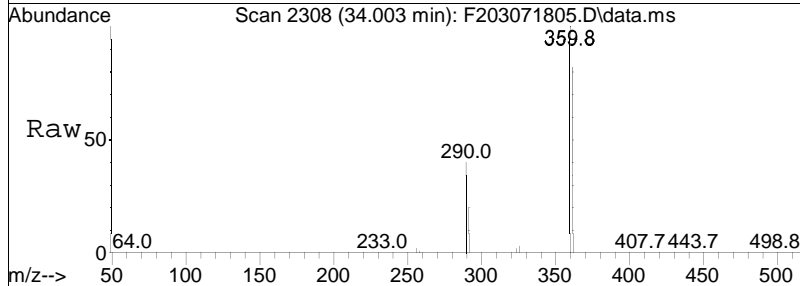
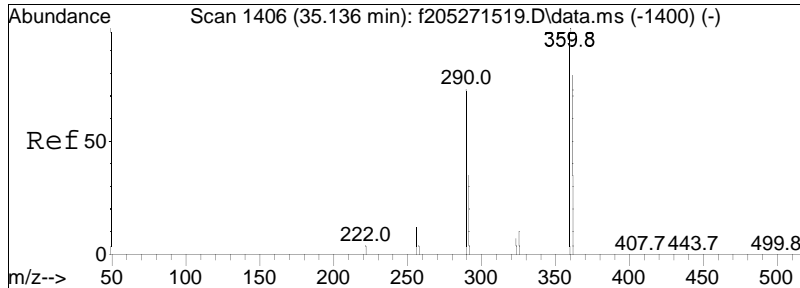




#98
 C14-BZ#60
 Concen: 89.15 ng/mL
 RT: 33.639 min Scan# 2286
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

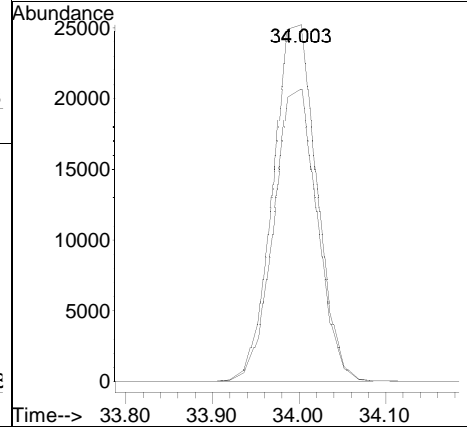
Tgt Ion	Resp	Lower	Upper
292	110393		
290	97.8	79.1	118.7

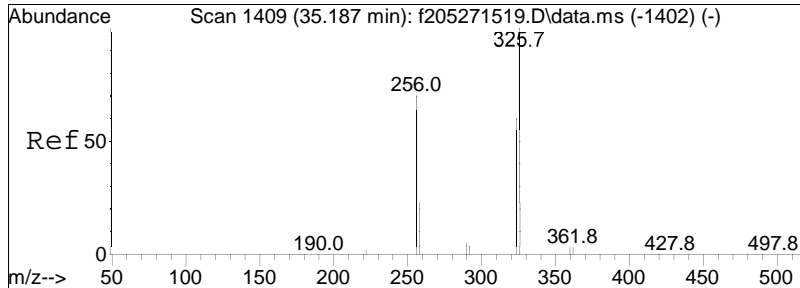




#99
 Cl6-BZ#152
 Concen: 88.31 ng/mL
 RT: 34.003 min Scan# 2308
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

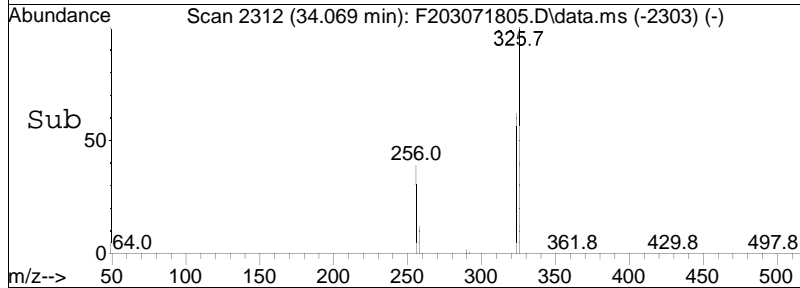
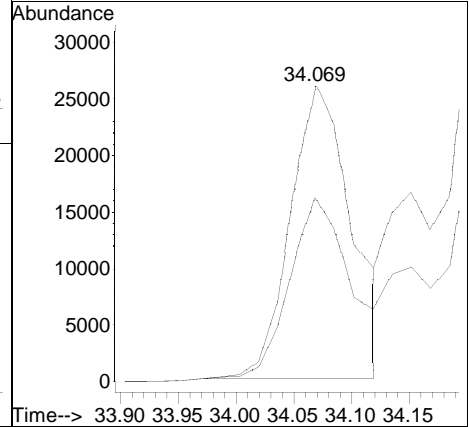
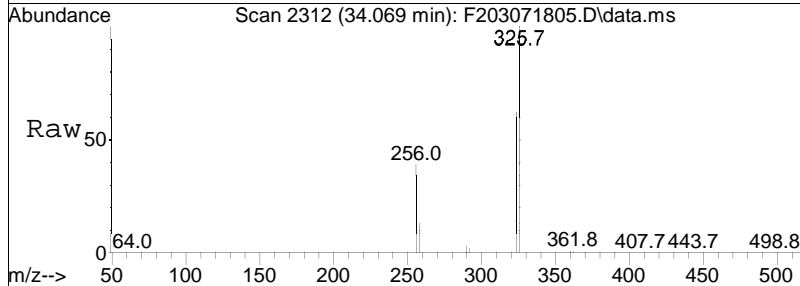
Tgt Ion	Resp	Lower	Upper
360	100		
362	81.3	64.2	96.4

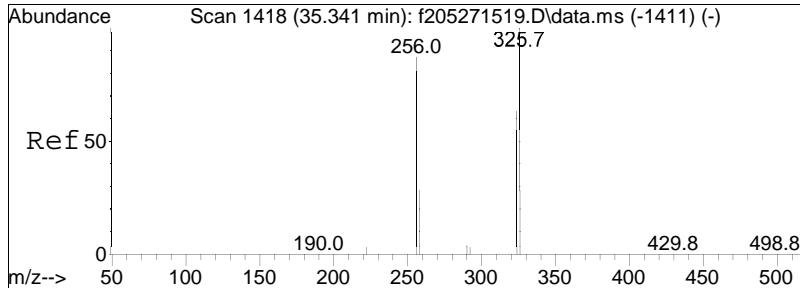




#100
 C15-BZ#119
 Concen: 94.08 ng/mL
 RT: 34.069 min Scan# 2312
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

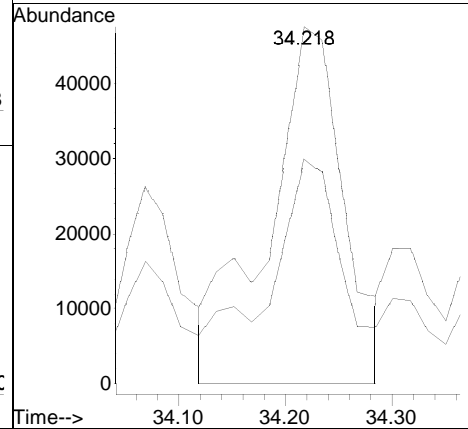
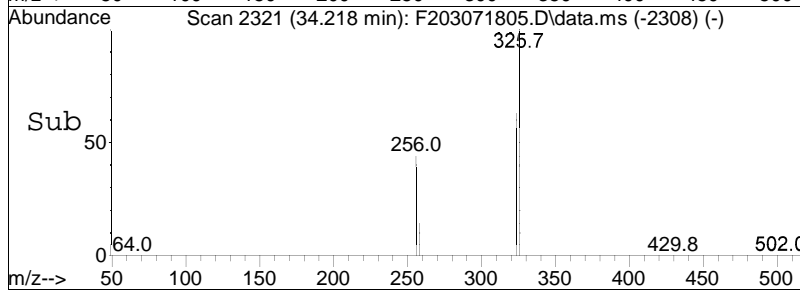
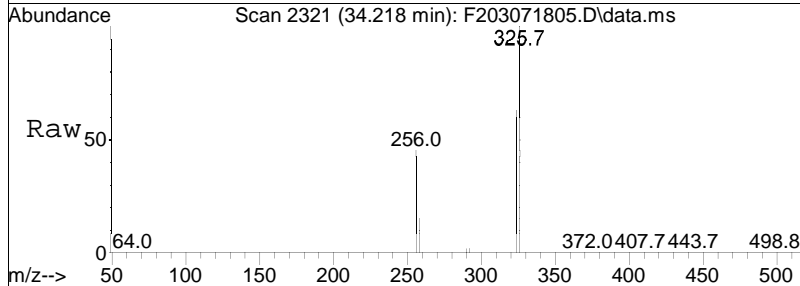
Tgt Ion: 326 Resp: 95901
 Ion Ratio Lower Upper
 326 100
 324 62.2 47.9 71.9

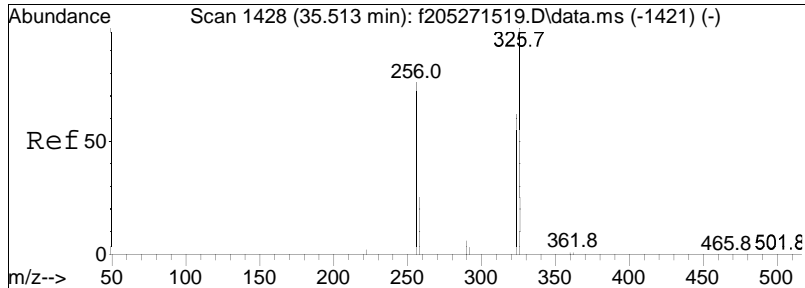




#101
 C15-BZ#83/#125/#112
 Concen: 279.05 ng/mL M4
 RT: 34.218 min Scan# 2321
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

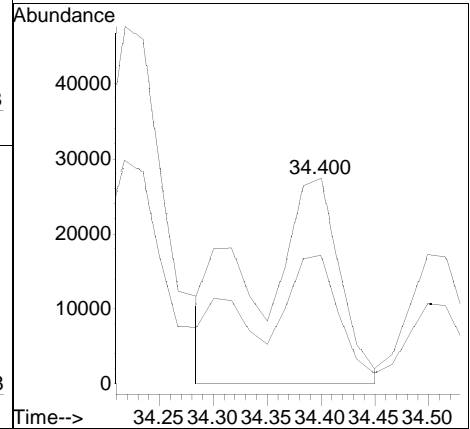
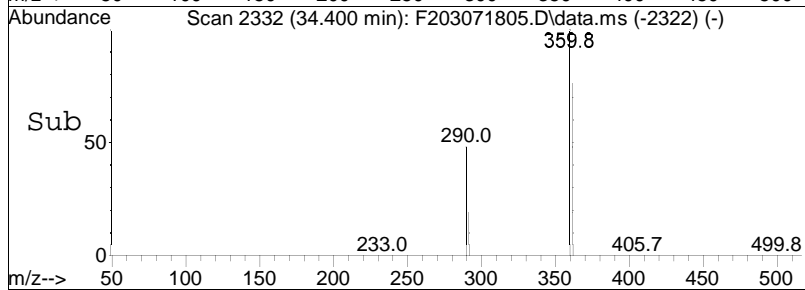
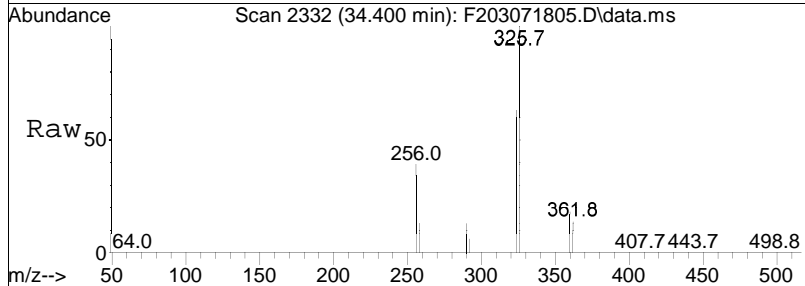
Tgt Ion	Ratio	Lower	Upper
326	100		
324	35.1	49.5	74.3#

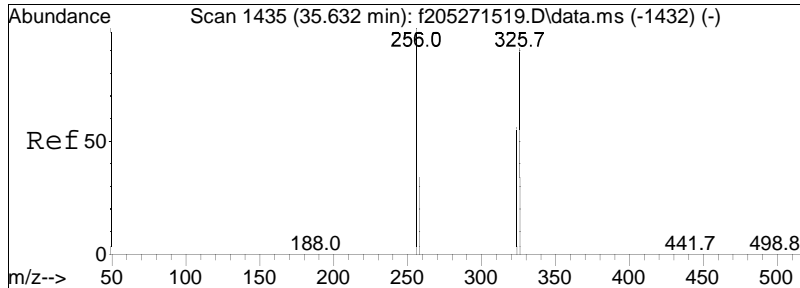




#102
 C15-BZ#86/#109
 Concen: 174.94 ng/mL M4
 RT: 34.400 min Scan# 2332
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

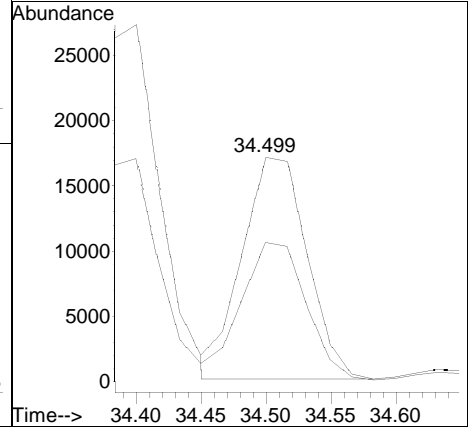
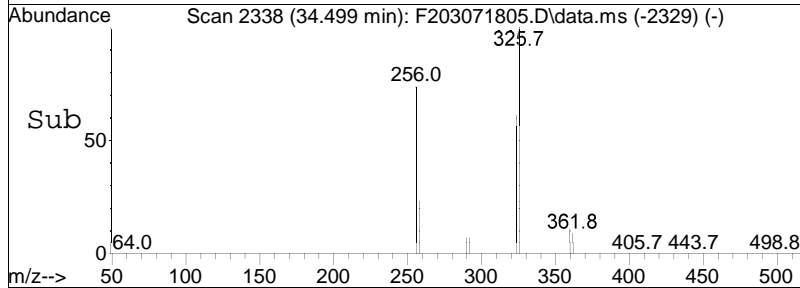
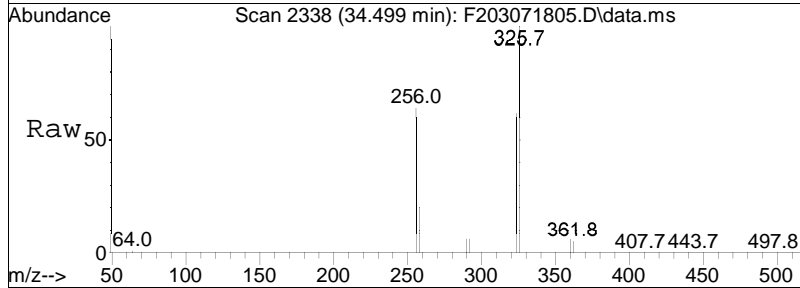
Tgt Ion: 326 Resp: 147544
 Ion Ratio Lower Upper
 326 100
 324 33.3 49.7 74.5#

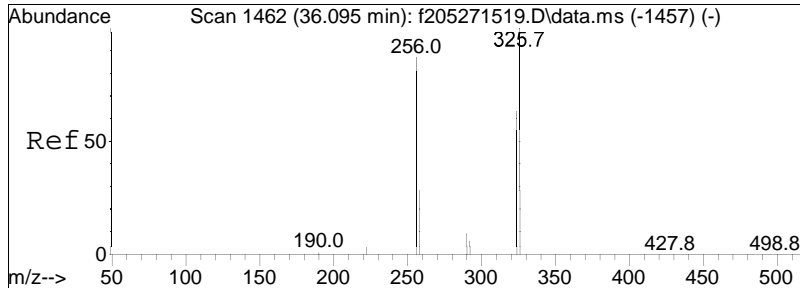




#103
 C15-BZ#97
 Concen: 94.14 ng/mL
 RT: 34.499 min Scan# 2338
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

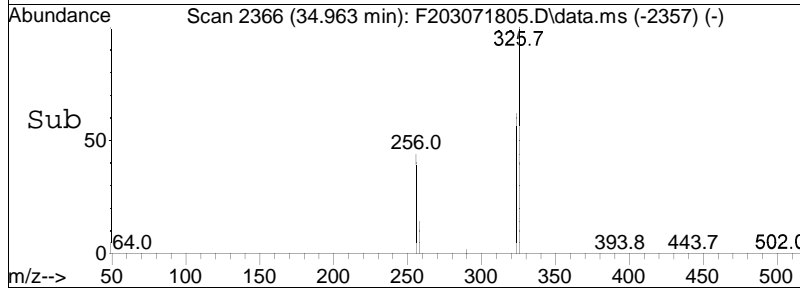
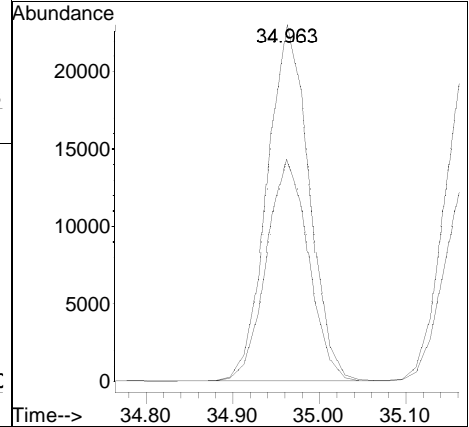
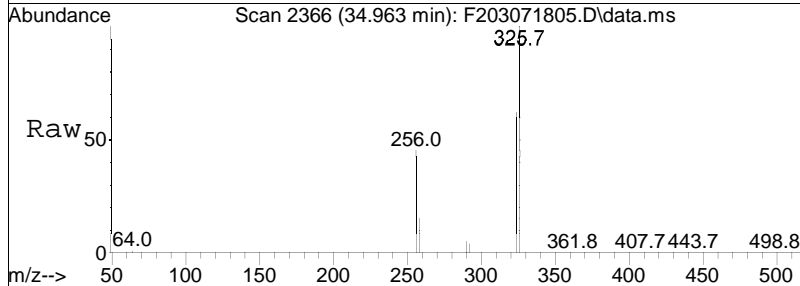
Tgt Ion: 326 Resp: 59191
 Ion Ratio Lower Upper
 326 100
 324 61.8 51.2 76.8

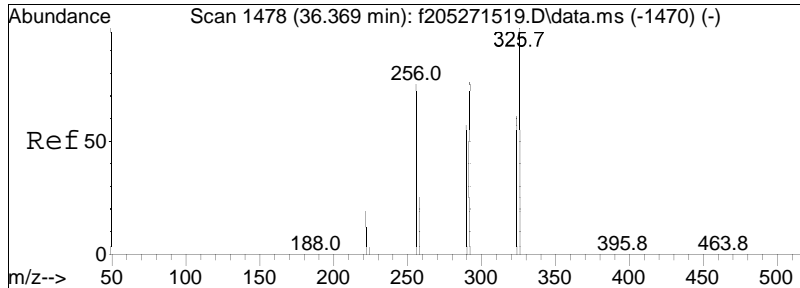




#104
 C15-BZ#116
 Concen: 88.73 ng/mL
 RT: 34.963 min Scan# 2366
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

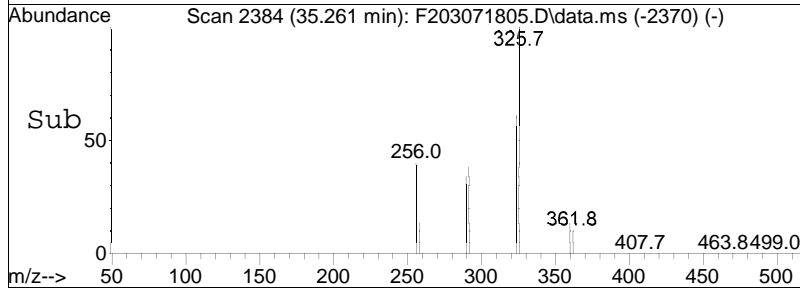
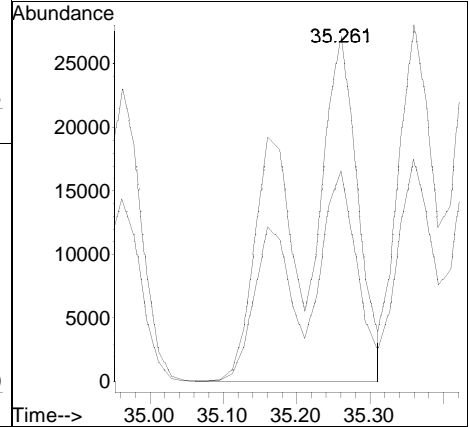
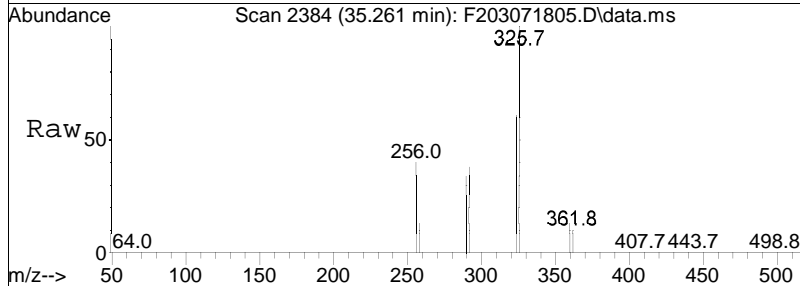
Tgt Ion	Ratio	Lower	Upper
326	100		
324	62.4	49.0	73.6

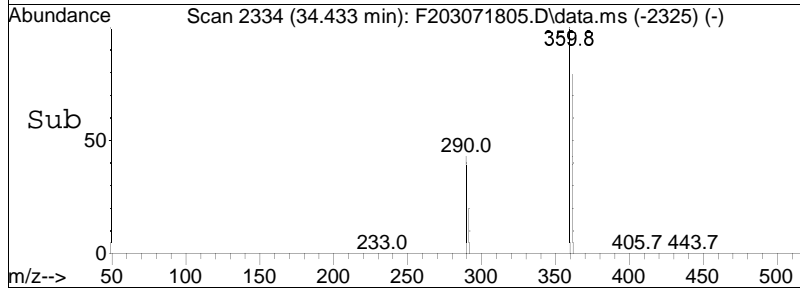
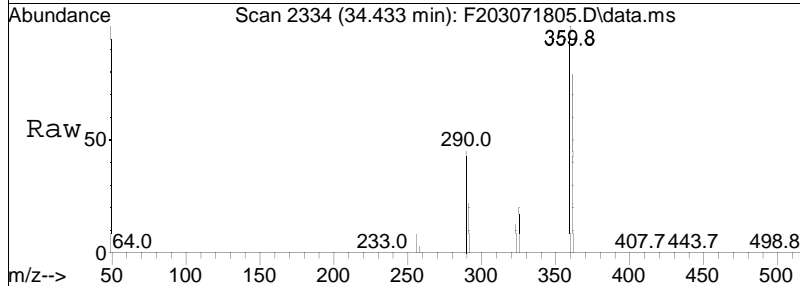
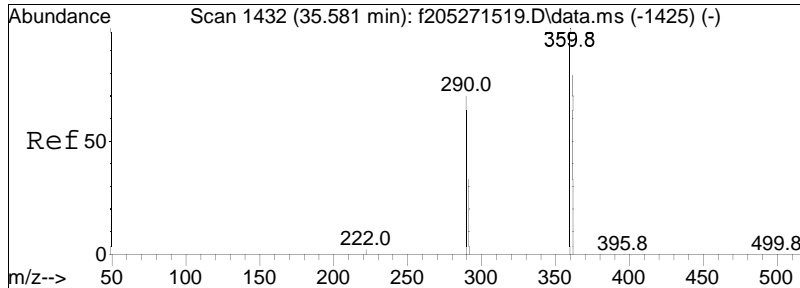




#105
 C15-BZ#87/#111
 Concen: 188.20 ng/mL M4
 RT: 35.261 min Scan# 2384
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

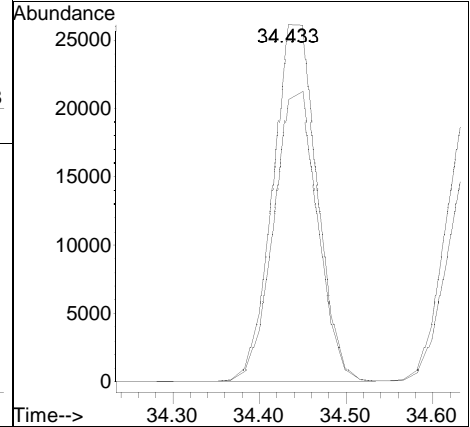
Tgt Ion: 326 Resp: 159632
 Ion Ratio Lower Upper
 326 100
 324 27.1 50.6 75.8#

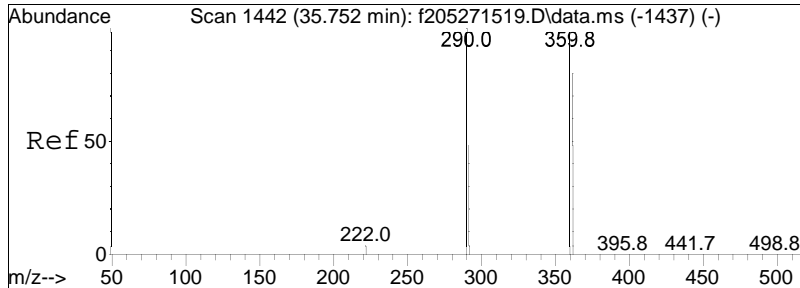




#108
 Cl6-BZ#145
 Concen: 89.56 ng/mL
 RT: 34.433 min Scan# 2334
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

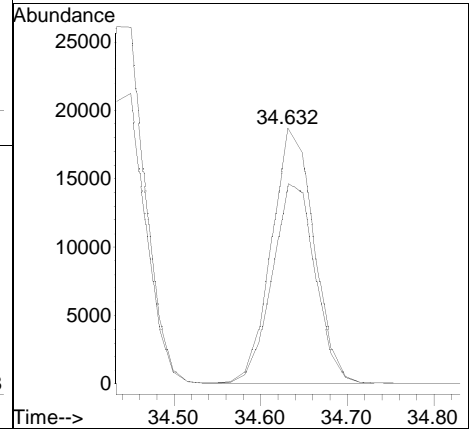
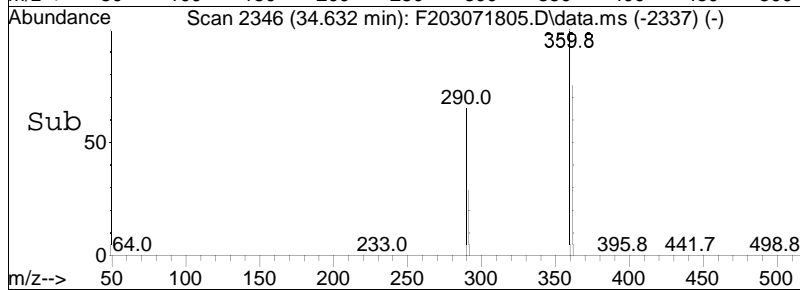
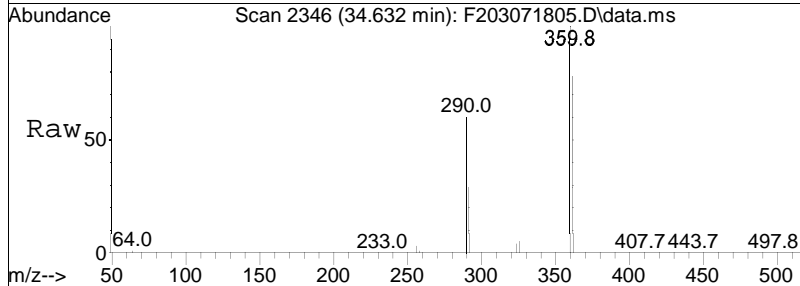
Tgt Ion: 360 Resp: 92497
 Ion Ratio Lower Upper
 360 100
 362 80.7 64.9 97.3

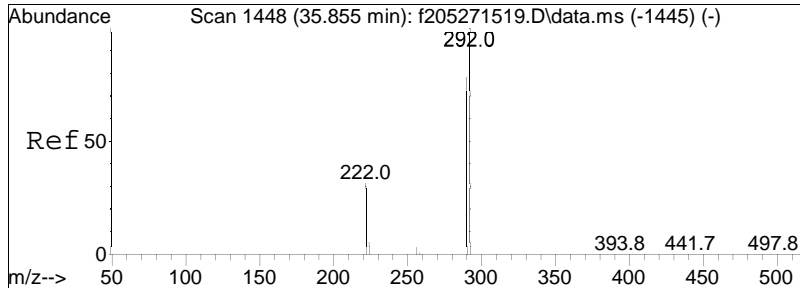




#109
 Cl6-BZ#148
 Concen: 89.61 ng/mL
 RT: 34.632 min Scan# 2346
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

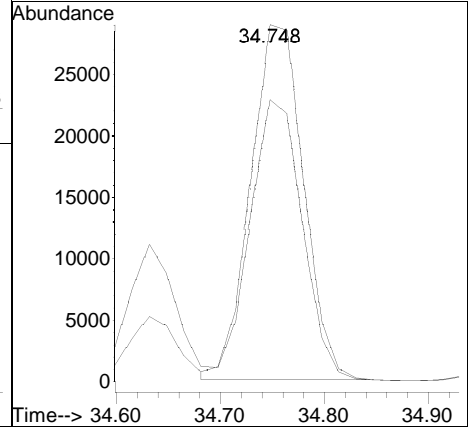
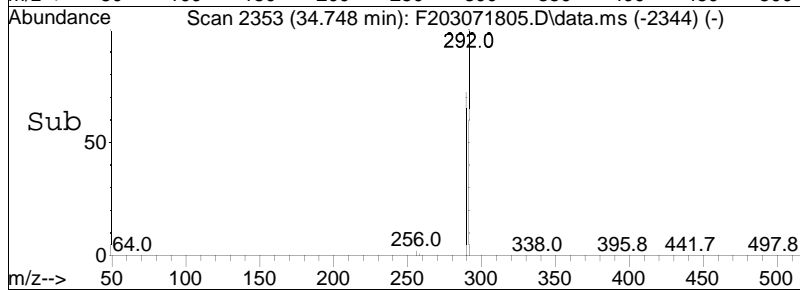
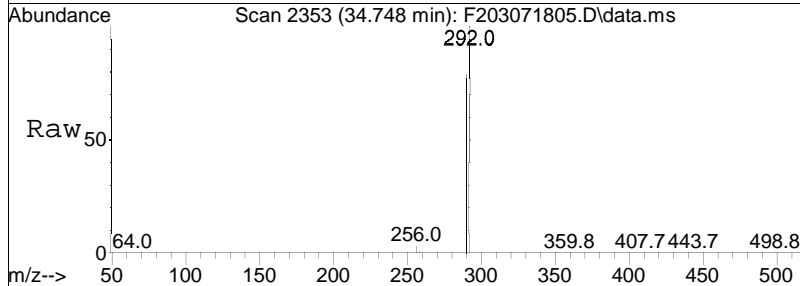
Tgt Ion: 360 Resp: 63226
 Ion Ratio Lower Upper
 360 100
 362 79.3 63.3 94.9

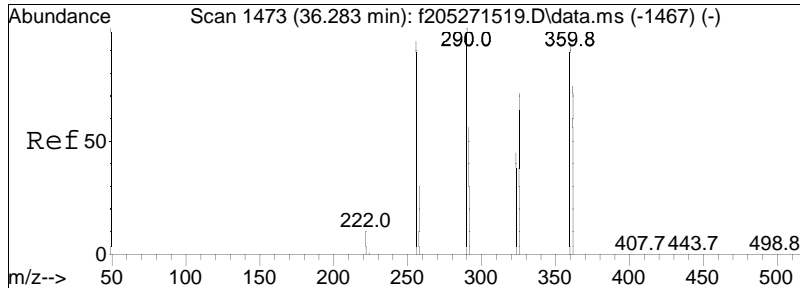




#110
 Cl4-BZ#79
 Concen: 89.41 ng/mL
 RT: 34.748 min Scan# 2353
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

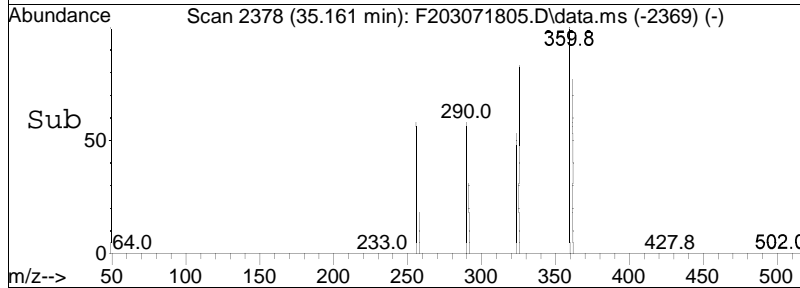
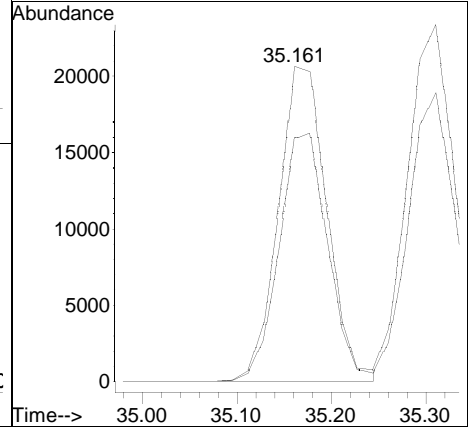
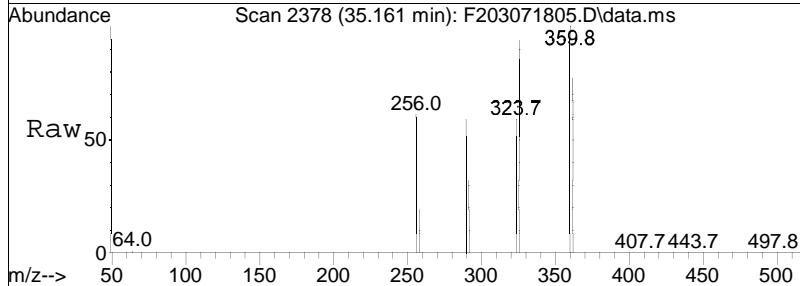
Tgt Ion: 292 Resp: 101989
 Ion Ratio Lower Upper
 292 100
 290 77.0 62.6 93.8

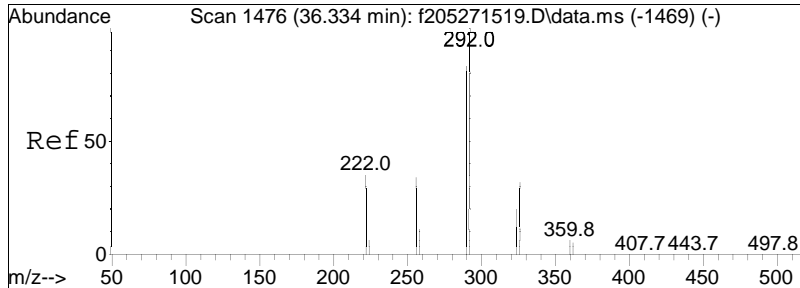




#111
 Cl6-BZ#154-Cal
 Concen: 89.97 ng/mL
 RT: 35.161 min Scan# 2378
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

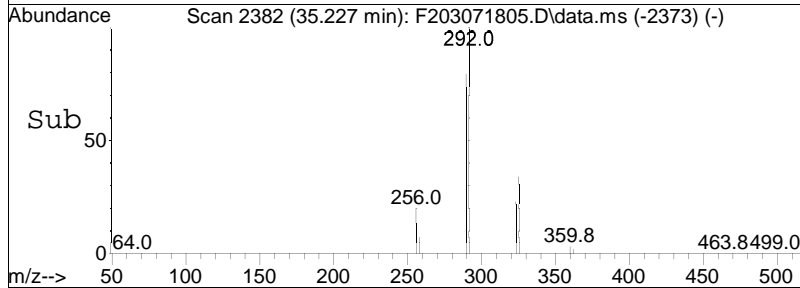
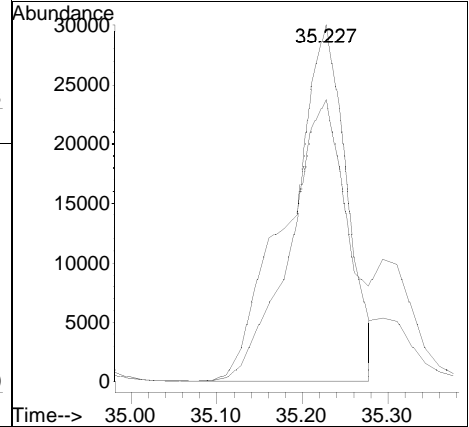
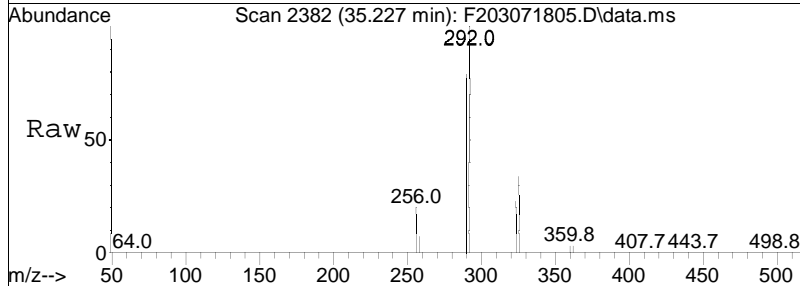
Tgt Ion: 360 Resp: 73367
 Ion Ratio Lower Upper
 360 100
 362 79.1 64.2 96.4

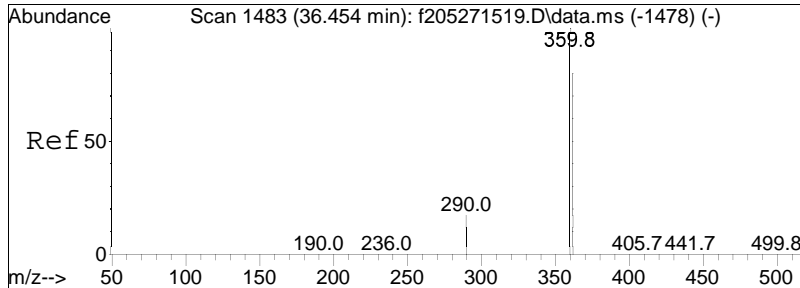




#114
 Cl4-BZ#78
 Concen: 89.42 ng/mL M4
 RT: 35.227 min Scan# 2382
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

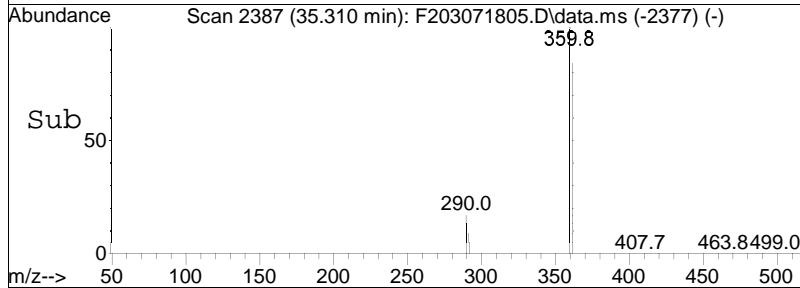
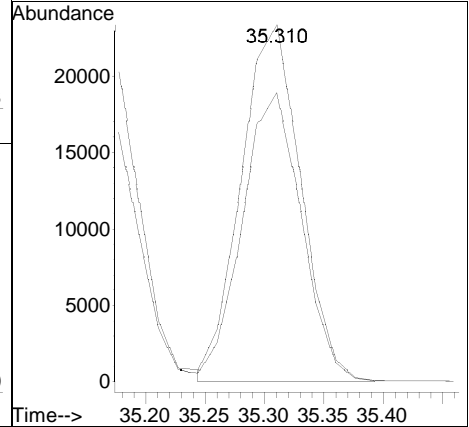
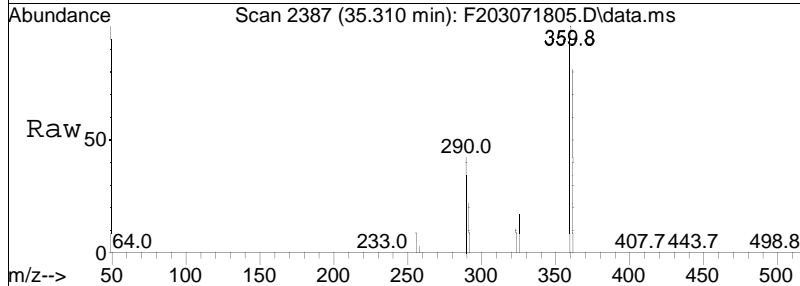
Tgt Ion: 292 Resp: 126259
 Ion Ratio Lower Upper
 292 100
 290 80.2 65.0 97.6

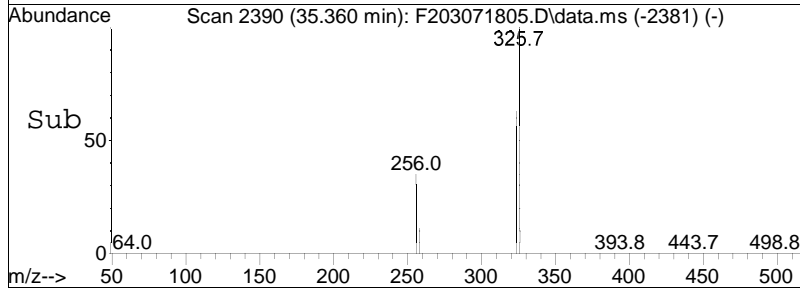
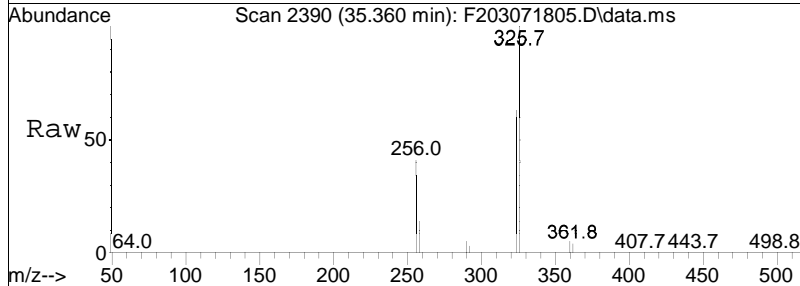
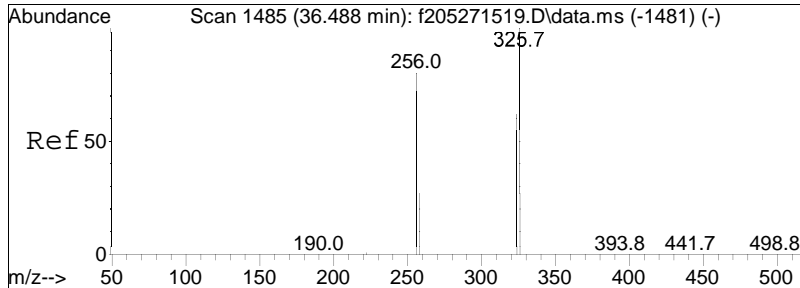




#115
 Cl6-BZ#136
 Concen: 90.63 ng/mL M4
 RT: 35.310 min Scan# 2387
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

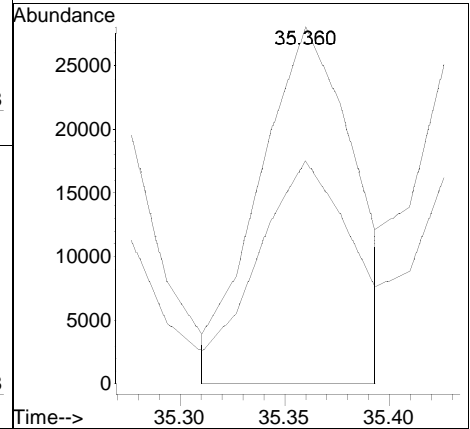
Tgt Ion	Resp	Lower	Upper
360	81929		
362	79.2	64.9	97.3

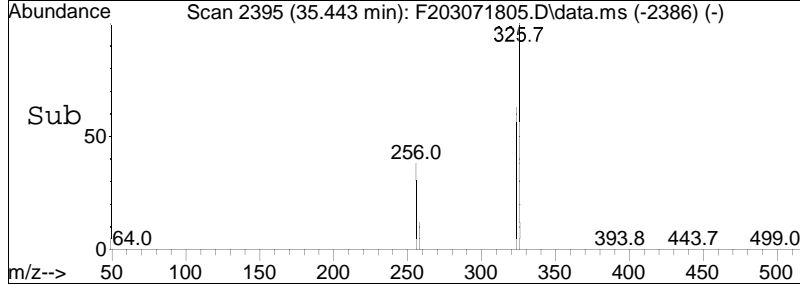
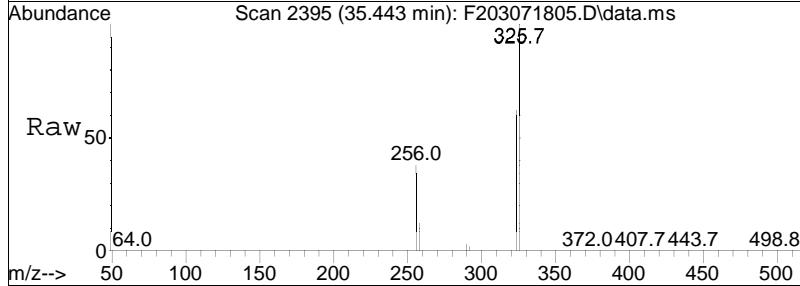
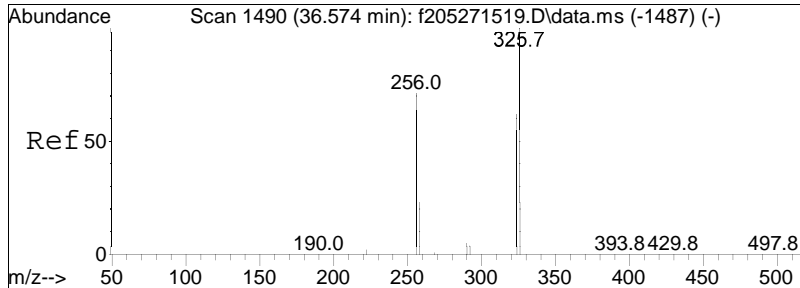




#116
 C15-BZ#117
 Concen: 83.60 ng/mL M4
 RT: 35.360 min Scan# 2390
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

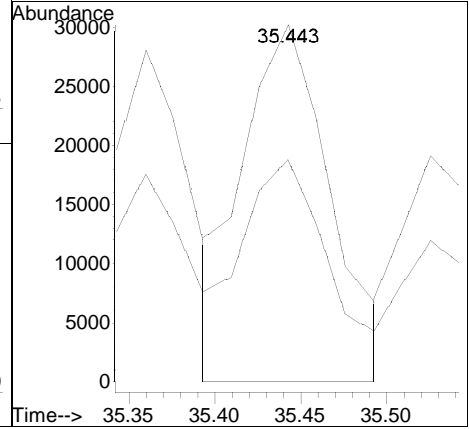
Tgt Ion: 326 Resp: 89744
 Ion Ratio Lower Upper
 326 100
 324 48.7 49.1 73.7#

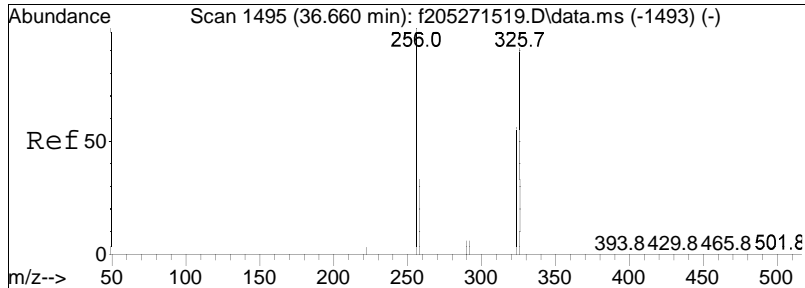




#117
 C15-BZ#115
 Concen: 100.81 ng/mL M4
 RT: 35.443 min Scan# 2395
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

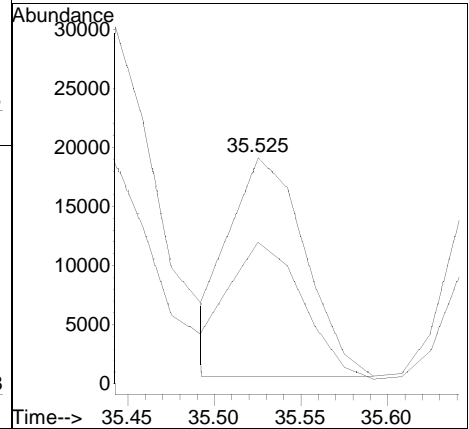
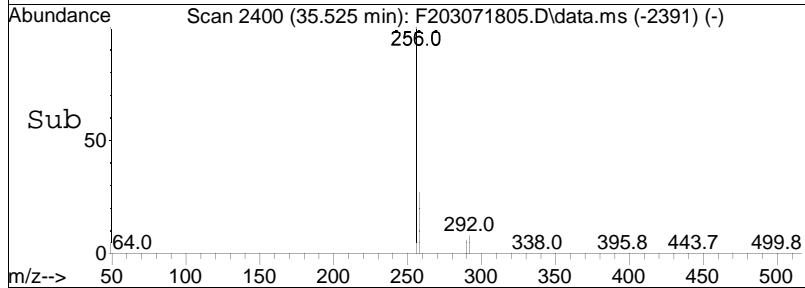
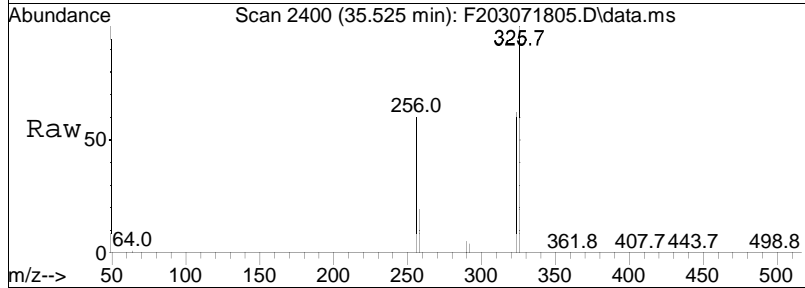
Tgt Ion	Resp	Lower	Upper
326	100		
324	38.6	48.7	73.1#

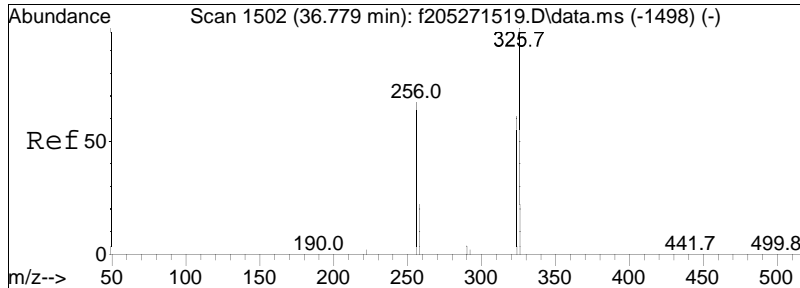




#118
 C15-BZ#85
 Concen: 83.87 ng/mL
 RT: 35.525 min Scan# 2400
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

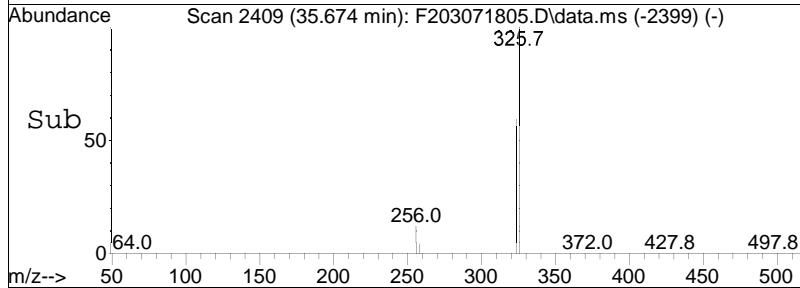
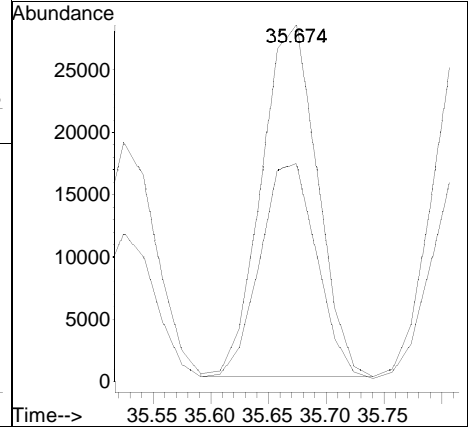
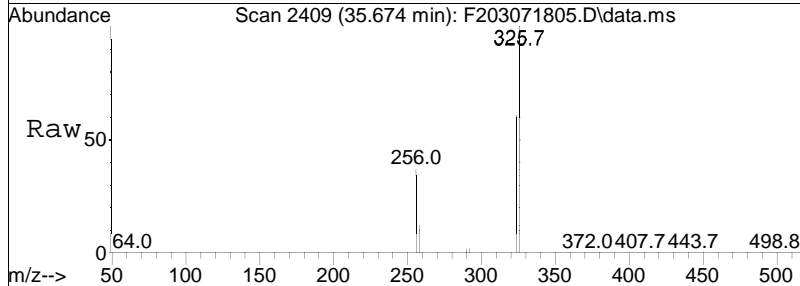
Tgt Ion: 326 Resp: 55727
 Ion Ratio Lower Upper
 326 100
 324 61.4 49.6 74.4

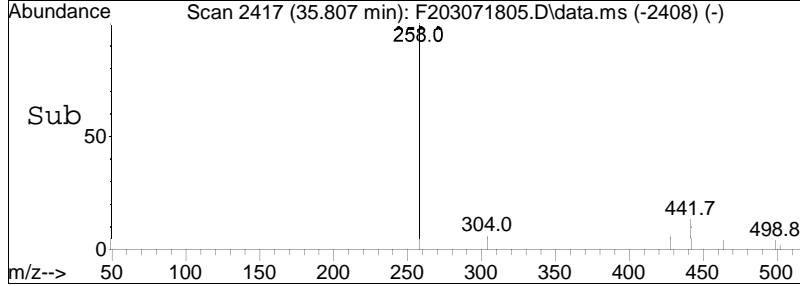
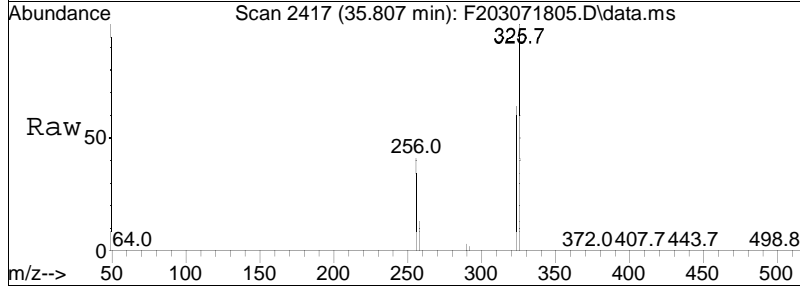
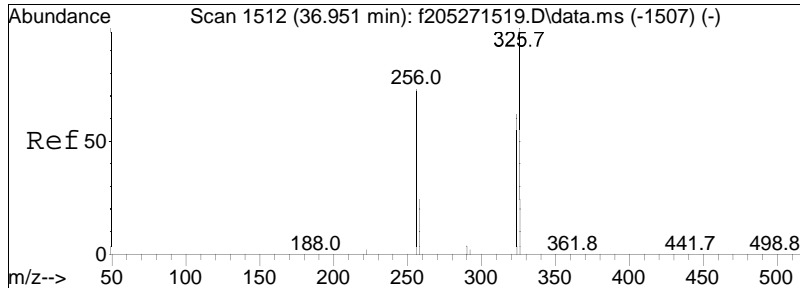




#119
 C15-BZ#120
 Concen: 91.67 ng/mL
 RT: 35.674 min Scan# 2409
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

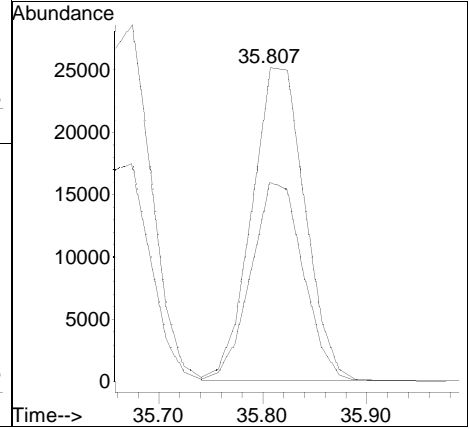
Tgt Ion: 326 Resp: 95327
 Ion Ratio Lower Upper
 326 100
 324 62.1 49.7 74.5

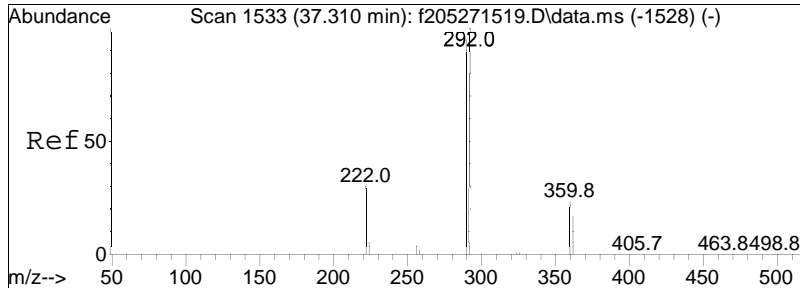




#120
 C15-BZ#110
 Concen: 88.19 ng/mL
 RT: 35.807 min Scan# 2417
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

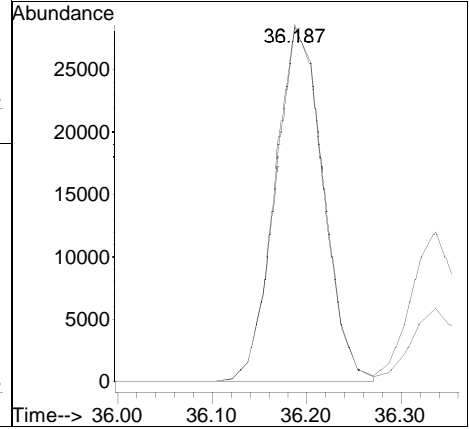
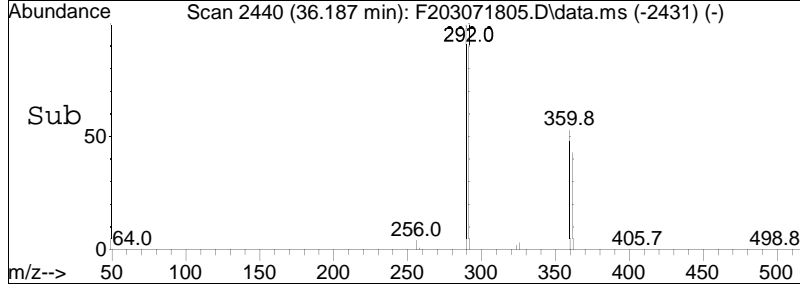
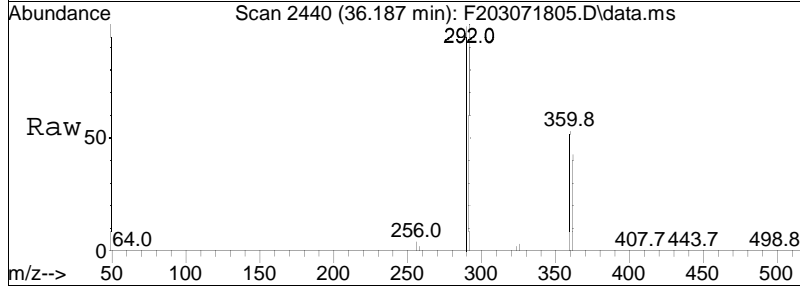
Tgt Ion	Resp	Lower	Upper
326	100		
324	62.4	49.4	74.2

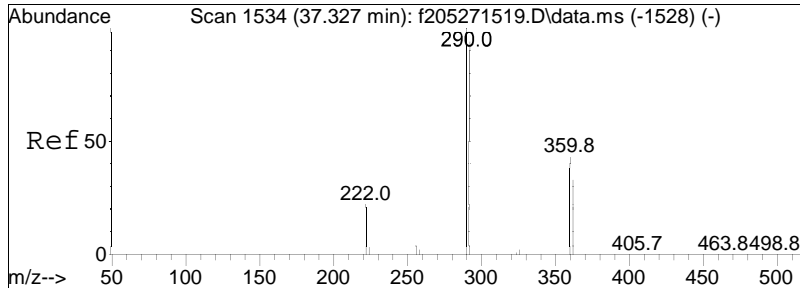




#121
 Cl4-BZ#81
 Concen: 87.04 ng/mL
 RT: 36.187 min Scan# 2440
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

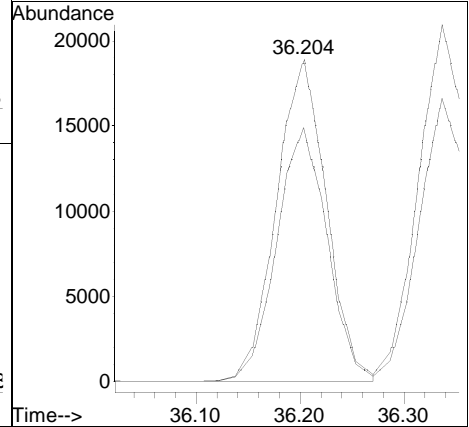
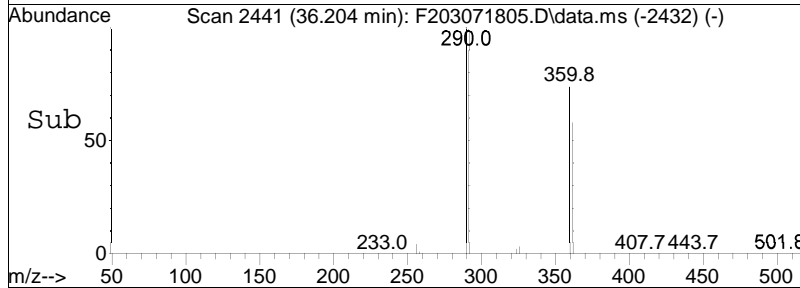
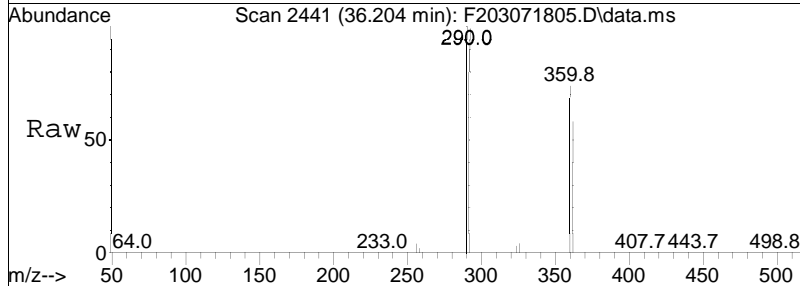
Tgt Ion: 292 Resp: 99671
 Ion Ratio Lower Upper
 292 100
 290 99.3 78.3 117.5

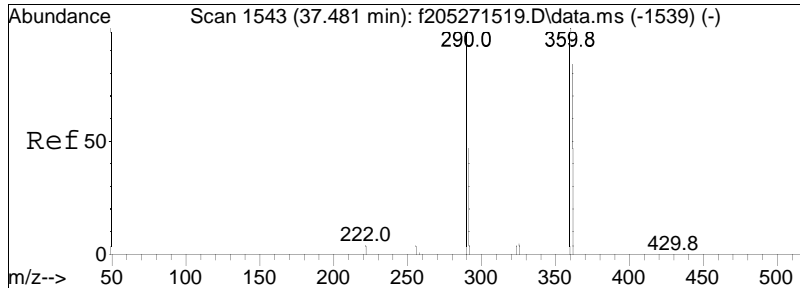




#123
 Cl6-BZ#151
 Concen: 87.14 ng/mL
 RT: 36.204 min Scan# 2441
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

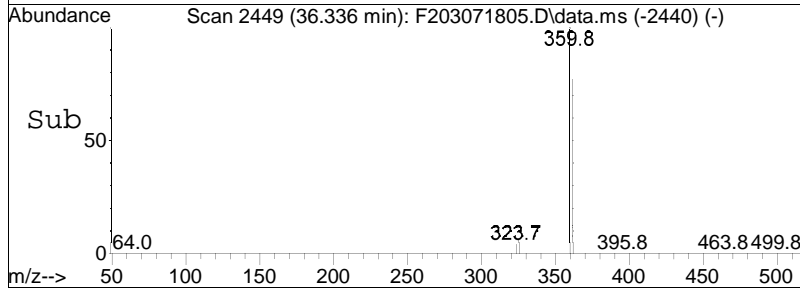
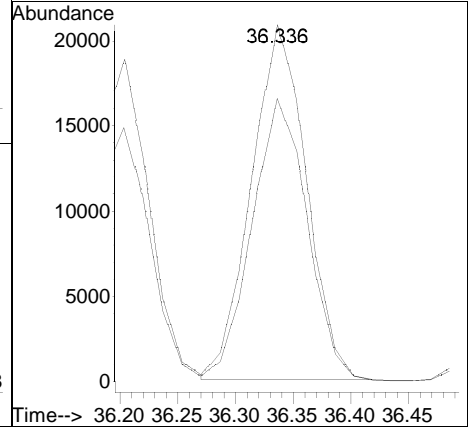
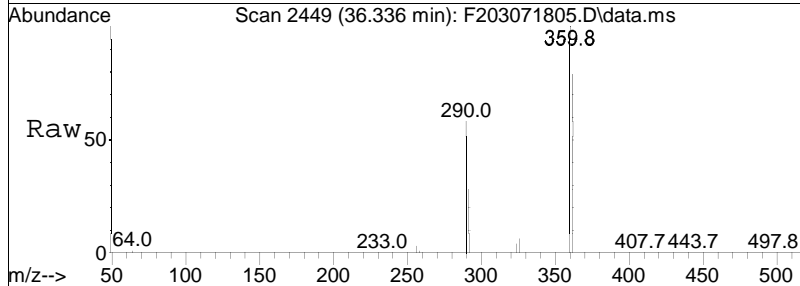
Tgt Ion: 360 Resp: 62746
 Ion Ratio Lower Upper
 360 100
 362 79.6 62.7 94.1

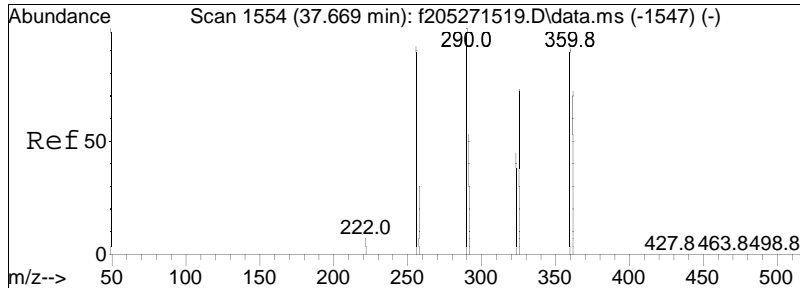




#124
 Cl6-BZ#135
 Concen: 90.37 ng/mL
 RT: 36.336 min Scan# 2449
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

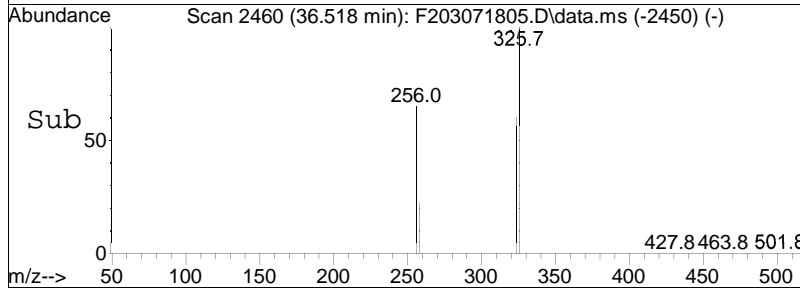
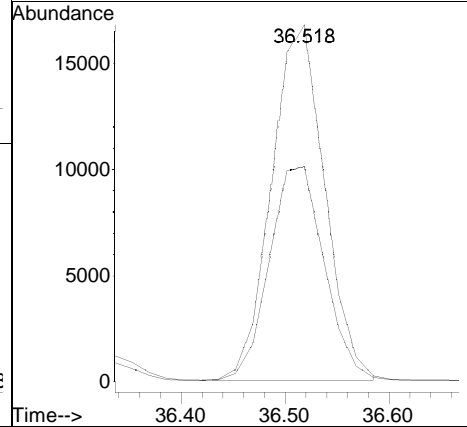
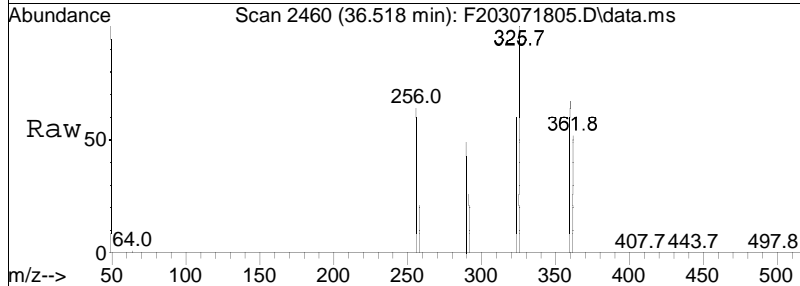
Tgt Ion: 360 Resp: 68640
 Ion Ratio Lower Upper
 360 100
 362 79.7 64.3 96.5

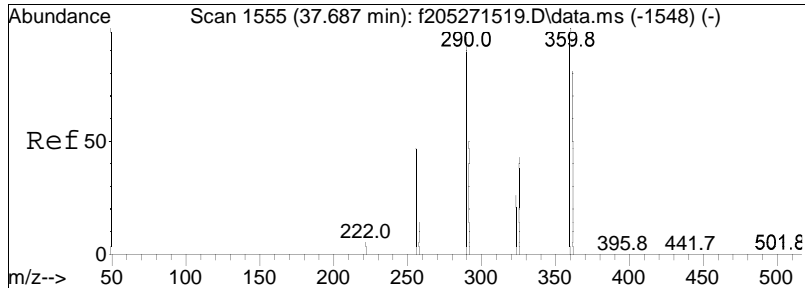




#125
 C15-BZ#82
 Concen: 90.74 ng/mL
 RT: 36.518 min Scan# 2460
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

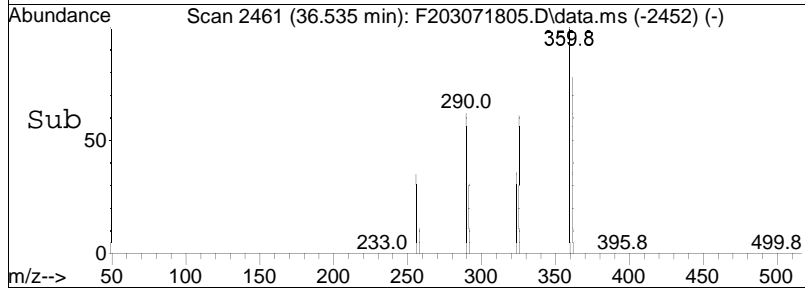
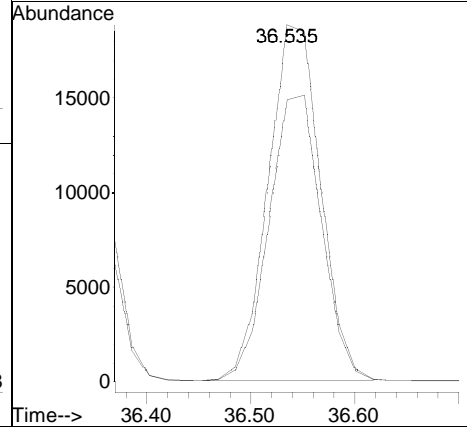
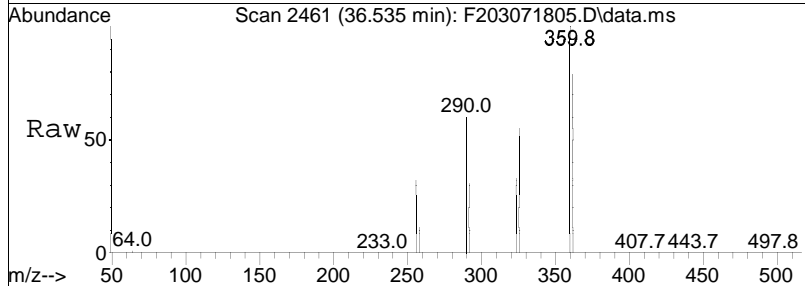
Tgt Ion: 326 Resp: 58954
 Ion Ratio Lower Upper
 326 100
 324 62.6 48.7 73.1

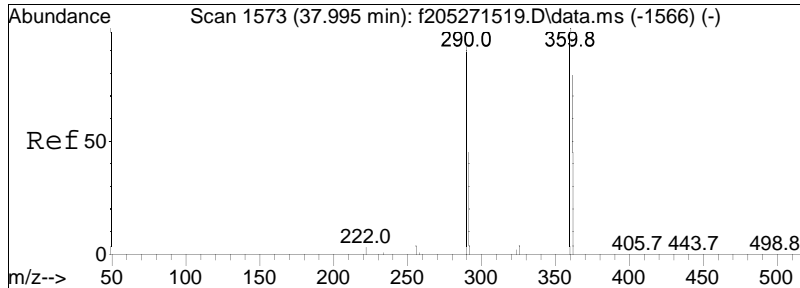




#126
 Cl6-BZ#144
 Concen: 88.99 ng/mL
 RT: 36.535 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

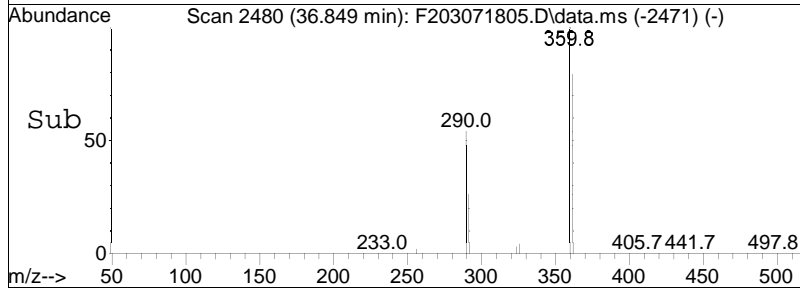
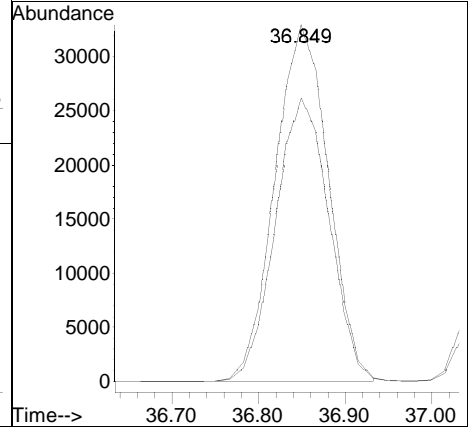
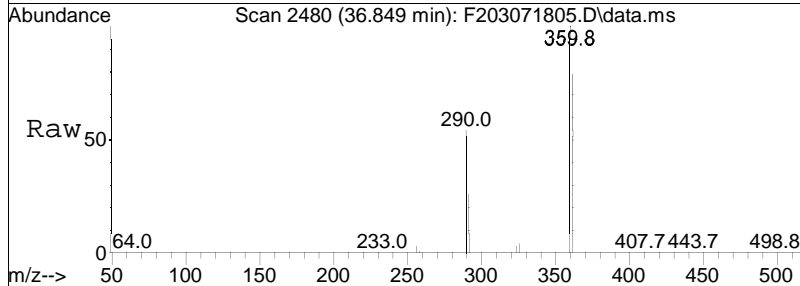
Tgt Ion: 360 Resp: 65897
 Ion Ratio Lower Upper
 360 100
 362 80.3 64.8 97.2

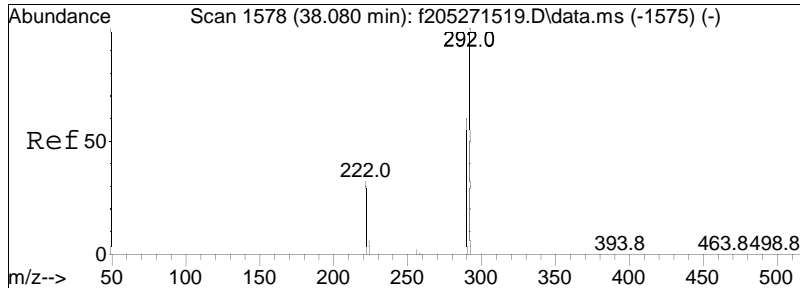




#127
 Cl6-BZ#147/#149
 Concen: 178.04 ng/mL
 RT: 36.849 min Scan# 2480
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

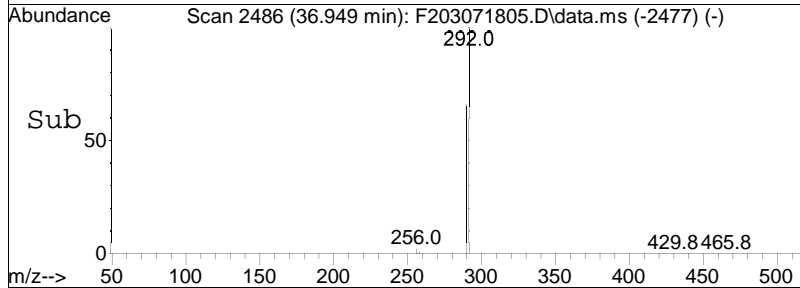
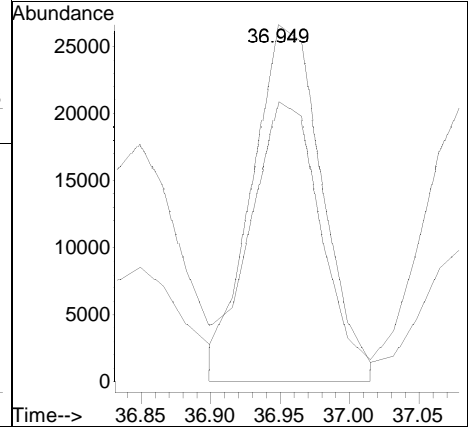
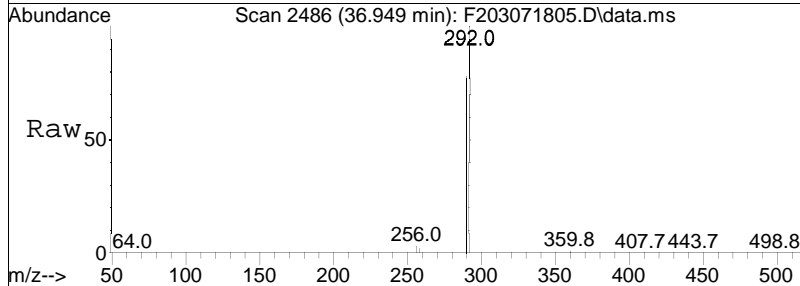
Tgt Ion: 360 Resp: 140760
 Ion Ratio Lower Upper
 360 100
 362 79.7 62.6 94.0

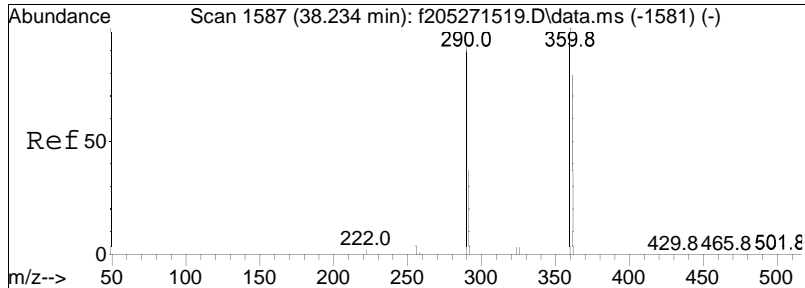




#128
 Cl4-BZ#77-RTW
 Concen: 85.99 ng/mL M4
 RT: 36.949 min Scan# 2486
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

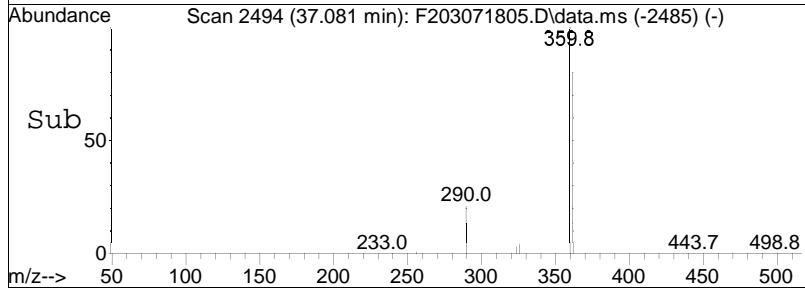
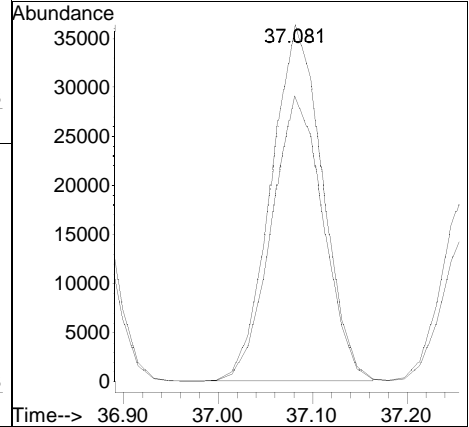
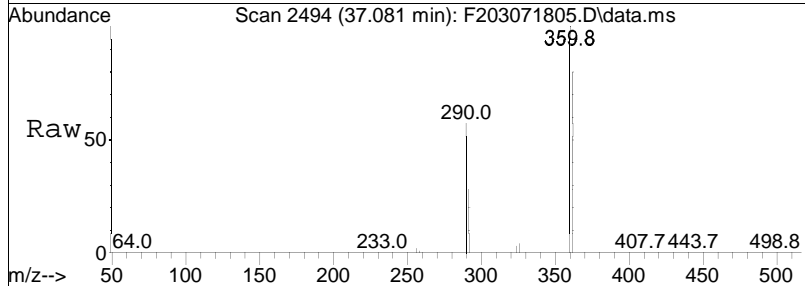
Tgt Ion: 292 Resp: 92908
 Ion Ratio Lower Upper
 292 100
 290 78.4 62.0 93.0

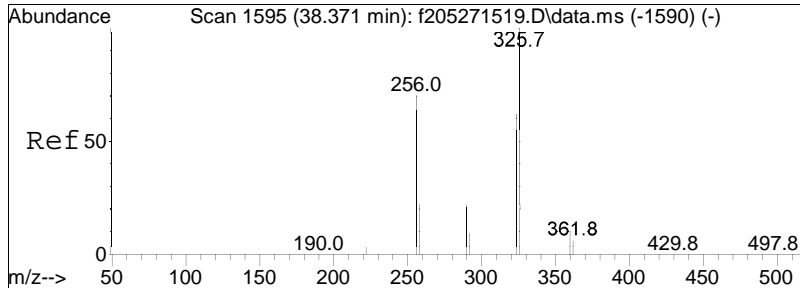




#129
 Cl6-BZ#143/#139
 Concen: 180.94 ng/mL
 RT: 37.081 min Scan# 2494
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

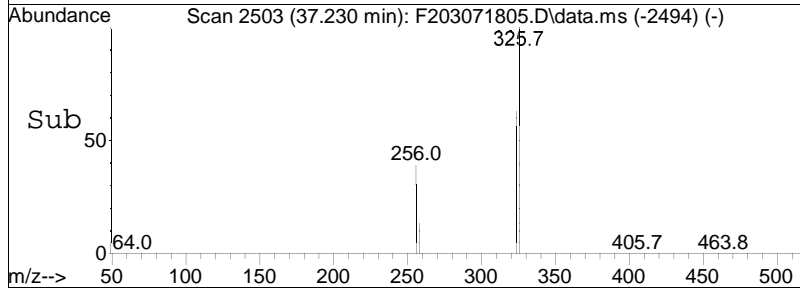
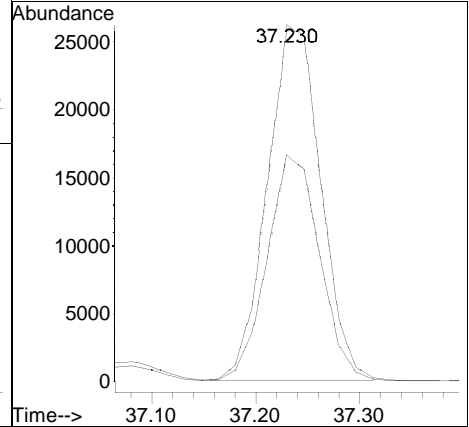
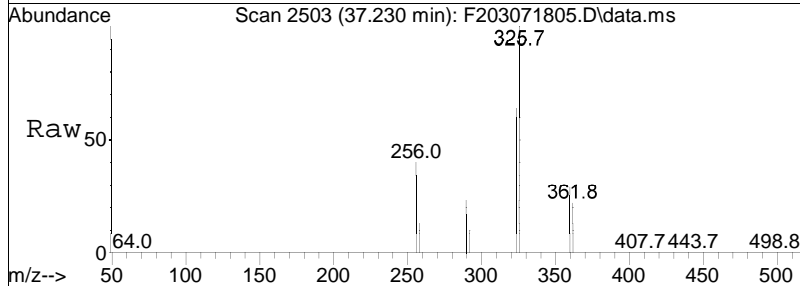
Tgt Ion	Resp	Lower	Upper
360	100		
362	80.6	64.7	97.1

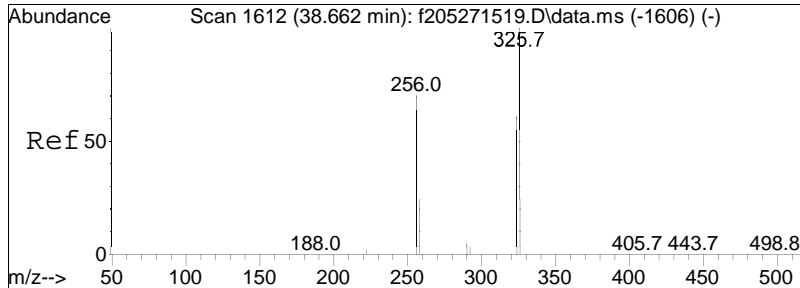




#130
 C15-BZ#124
 Concen: 90.80 ng/mL
 RT: 37.230 min Scan# 2503
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

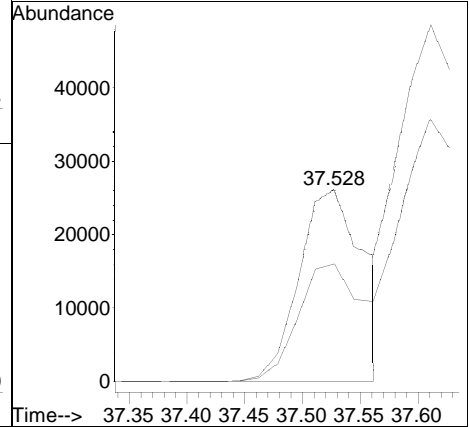
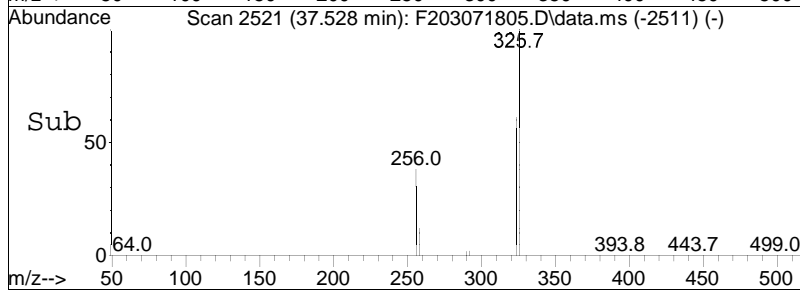
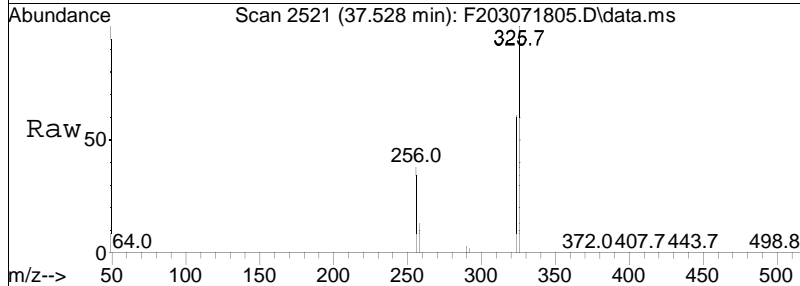
Tgt Ion: 326 Resp: 92754
 Ion Ratio Lower Upper
 326 100
 324 62.5 49.2 73.8

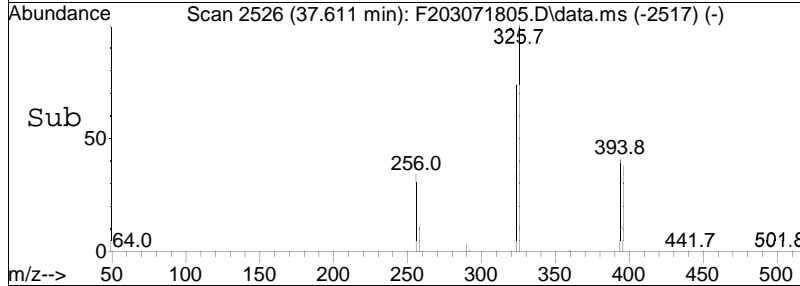
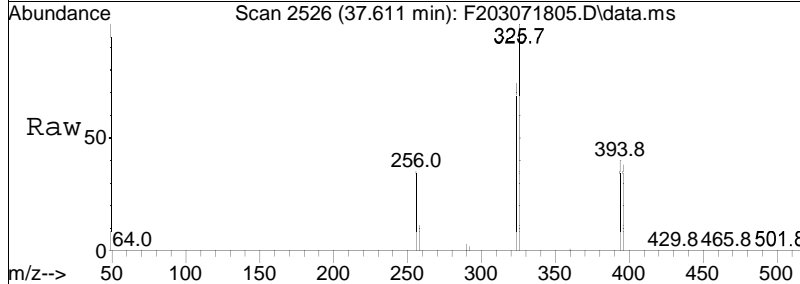
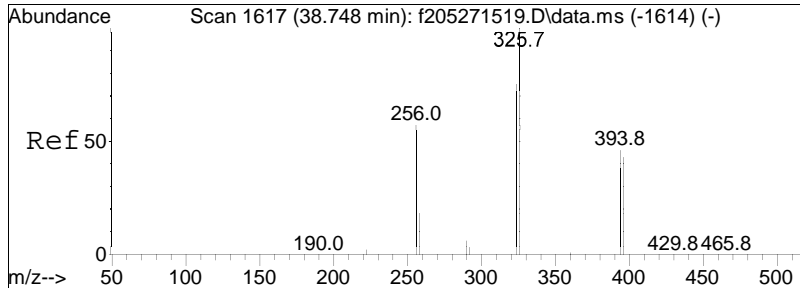




#131
 C15-BZ#108
 Concen: 98.63 ng/mL
 RT: 37.528 min Scan# 2521
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

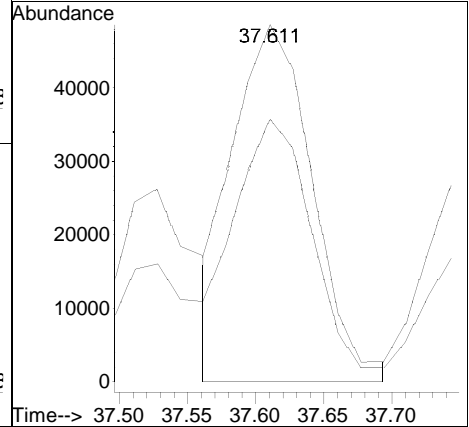
Tgt Ion	Ratio	Lower	Upper
326	100		
324	62.6	50.0	75.0

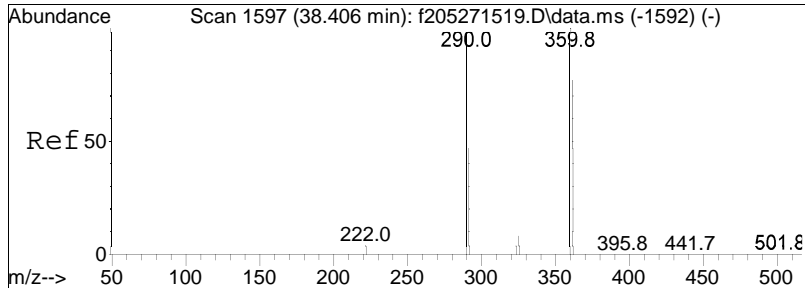




#132
 C15-BZ#107/#123
 Concen: 178.74 ng/mL M4
 RT: 37.611 min Scan# 2526
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

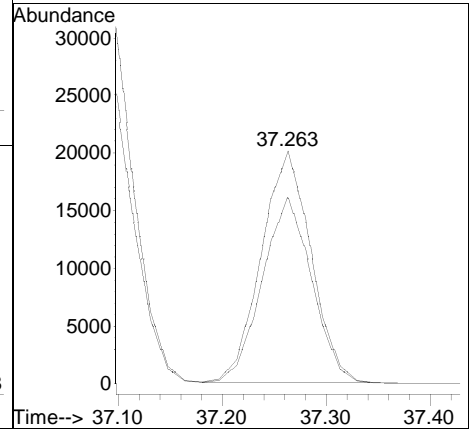
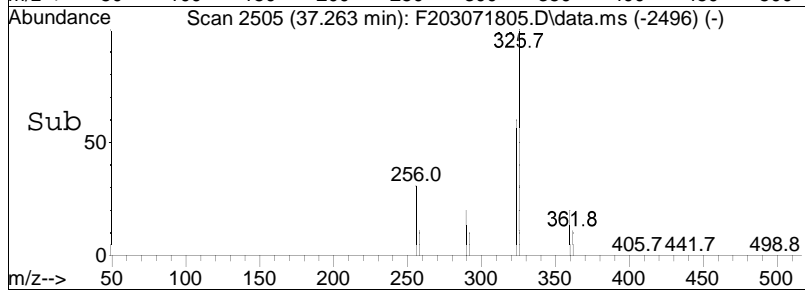
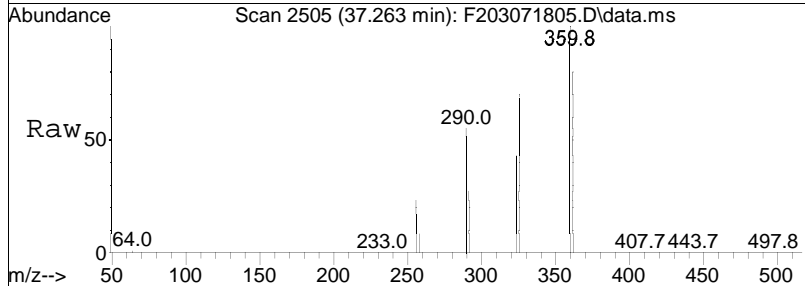
Tgt Ion: 326 Resp: 197744
 Ion Ratio Lower Upper
 326 100
 324 64.4 57.6 86.4

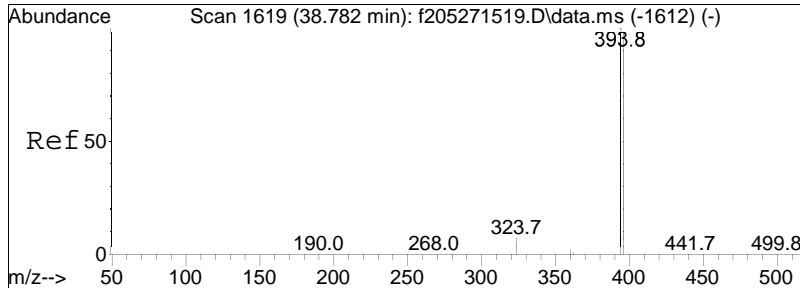




#133
 Cl6-BZ#140
 Concen: 90.75 ng/mL
 RT: 37.263 min Scan# 2505
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

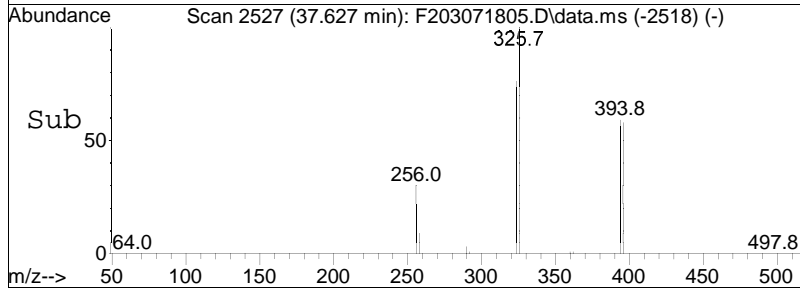
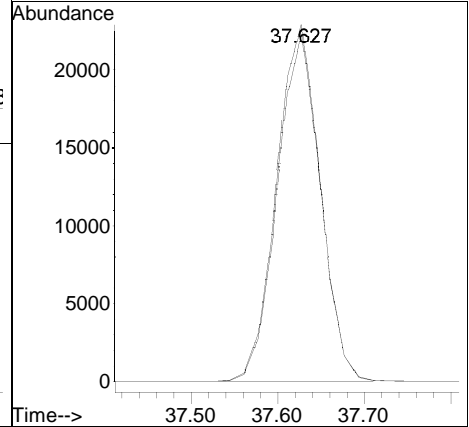
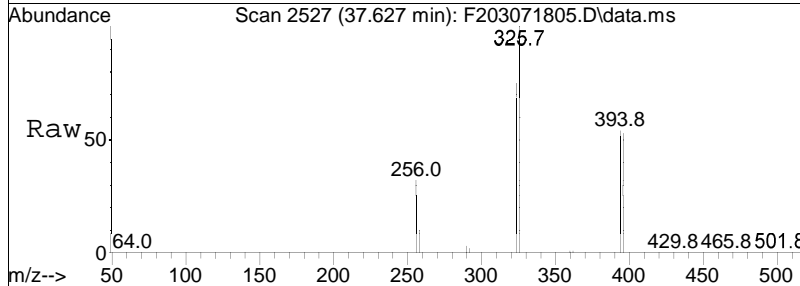
Tgt Ion: 360 Resp: 66641
 Ion Ratio Lower Upper
 360 100
 362 79.8 64.8 97.2

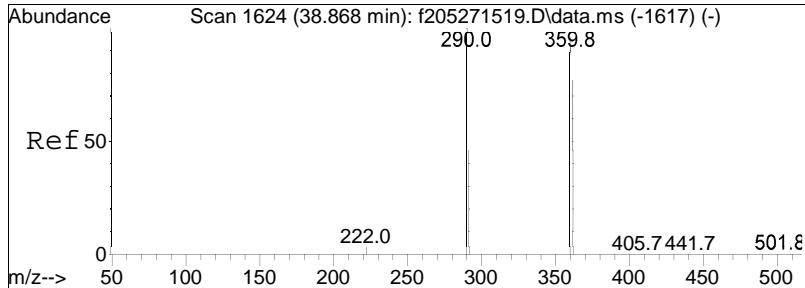




#134
 C17-BZ#188-Cal/RTW
 Concen: 91.84 ng/mL
 RT: 37.627 min Scan# 2527
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

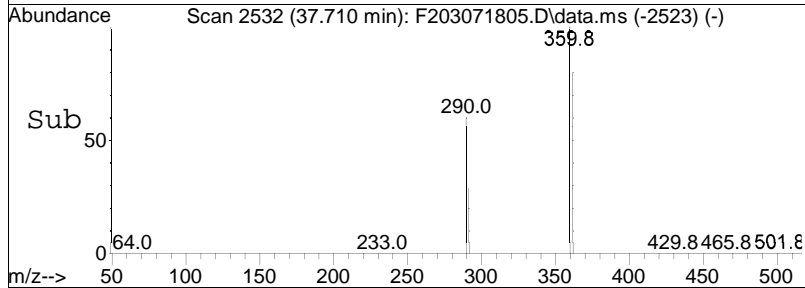
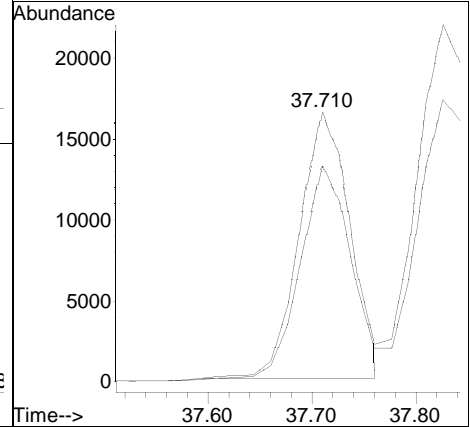
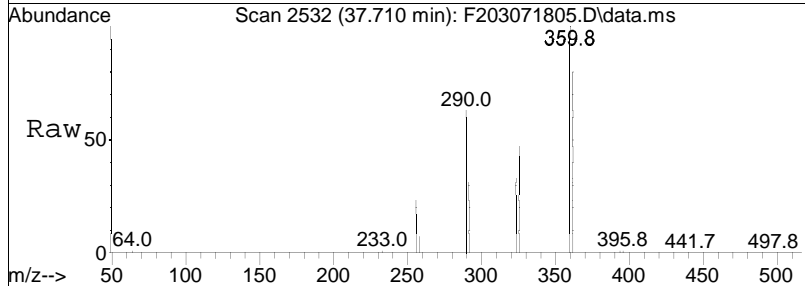
Tgt Ion: 394 Resp: 79309
 Ion Ratio Lower Upper
 394 100
 396 96.4 76.3 114.5

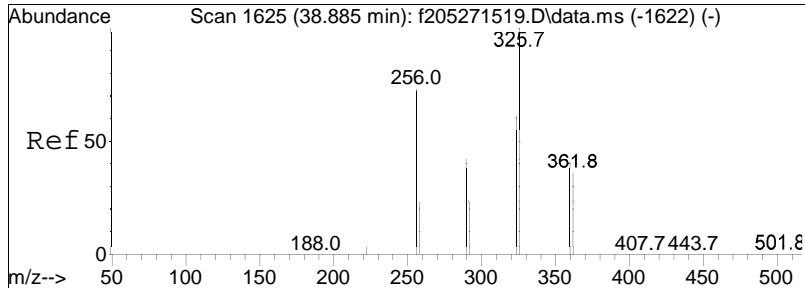




#137
 Cl6-BZ#134
 Concen: 89.53 ng/mL
 RT: 37.710 min Scan# 2532
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

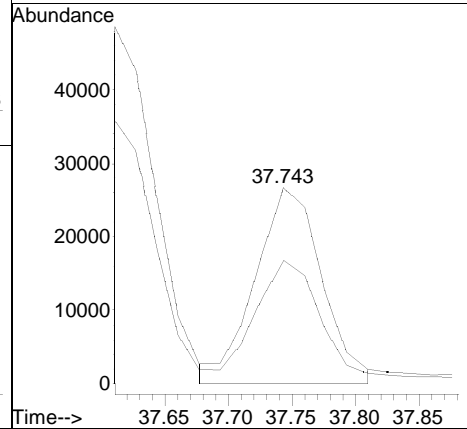
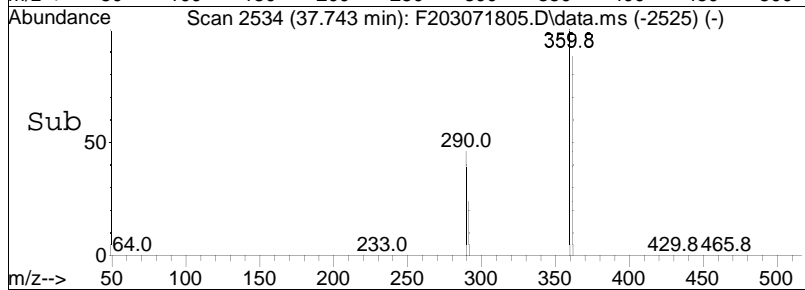
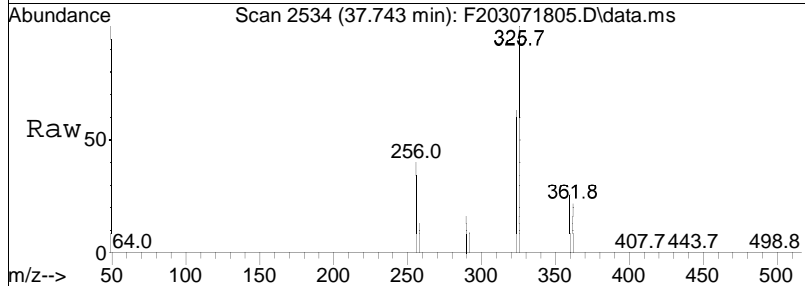
Tgt Ion:	360	Resp:	56029
Ion Ratio	Lower	Upper	
360	100		
362	83.6	61.2	91.8

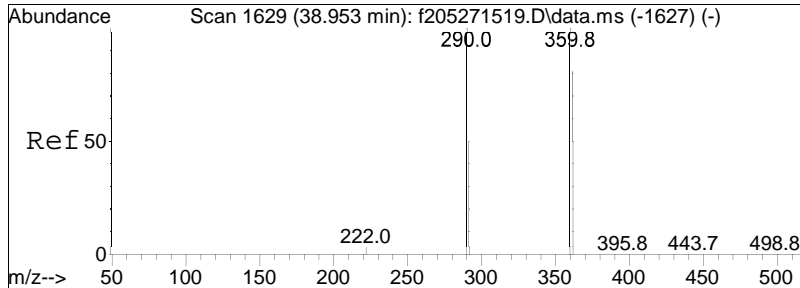




#138
 C15-BZ#106
 Concen: 96.61 ng/mL M4
 RT: 37.743 min Scan# 2534
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

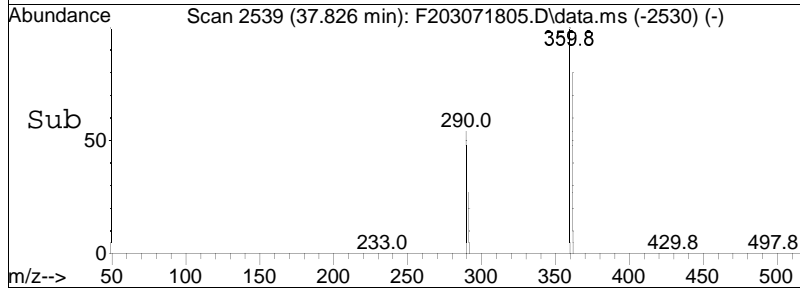
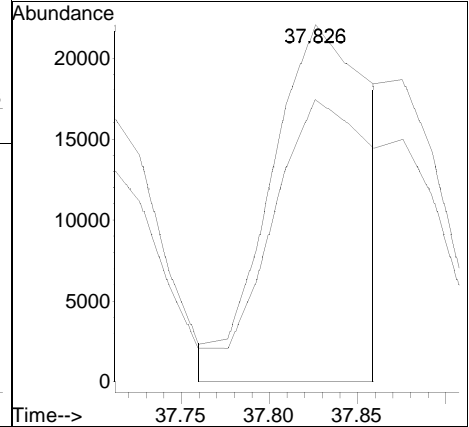
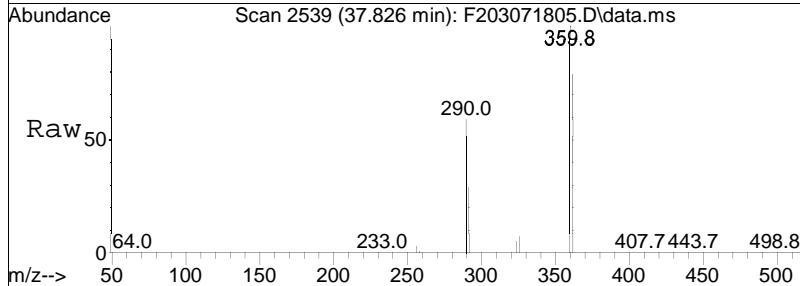
Tgt Ion: 326 Resp: 97188
 Ion Ratio Lower Upper
 326 100
 324 53.1 49.8 74.8

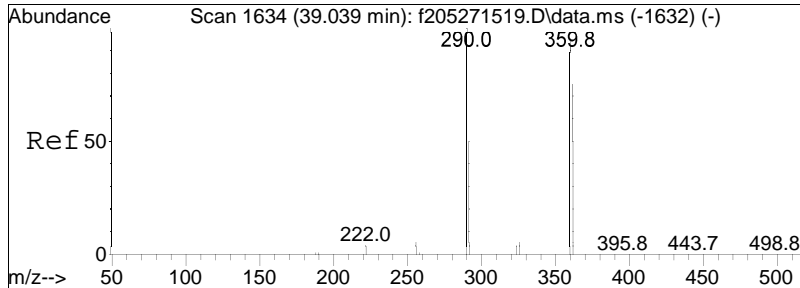




#139
 Cl6-BZ#133
 Concen: 102.87 ng/mL M4
 RT: 37.826 min Scan# 2539
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

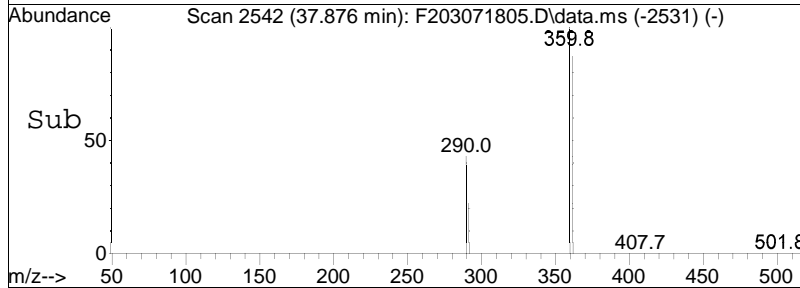
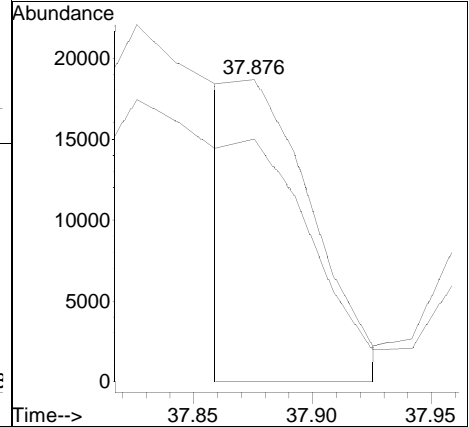
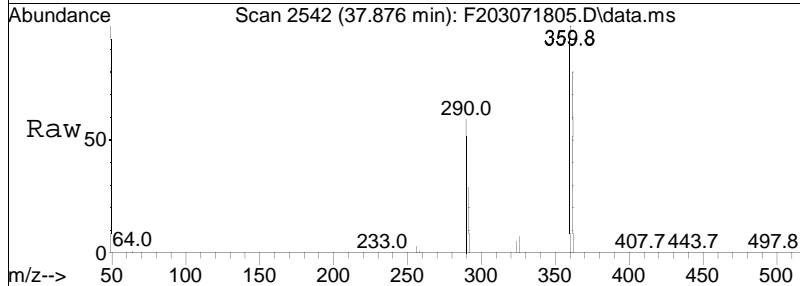
Tgt Ion: 360 Resp: 87627
 Ion Ratio Lower Upper
 360 100
 362 94.4 62.5 93.7#

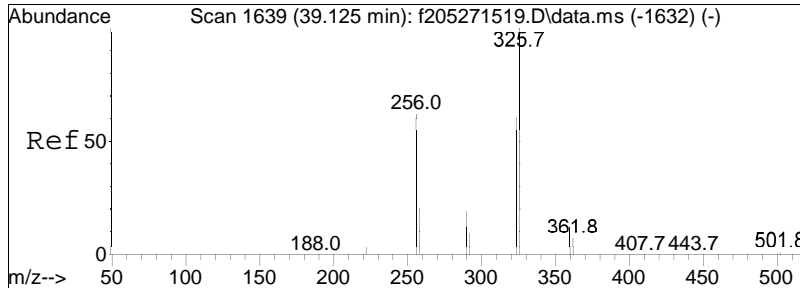




#140
 Cl6-BZ#142
 Concen: 72.44 ng/mL M4
 RT: 37.876 min Scan# 2542
 Delta R.T. 0.033 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

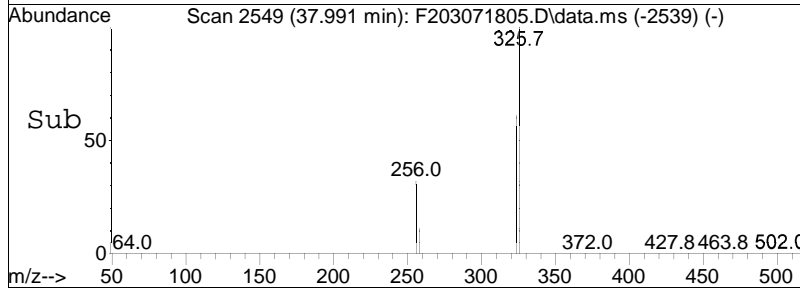
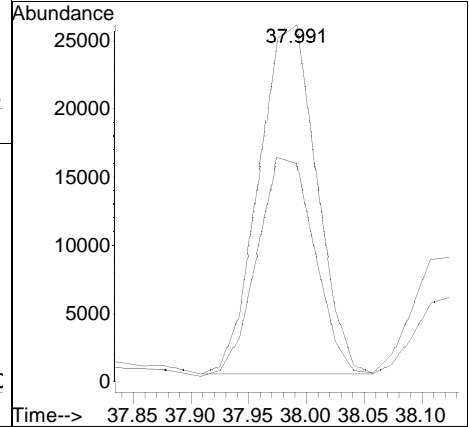
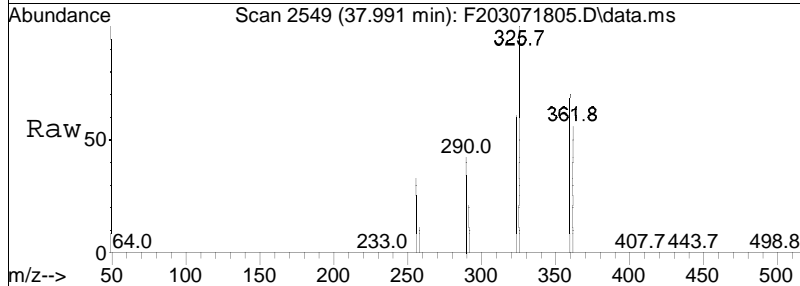
Tgt Ion: 360 Resp: 41465
 Ion Ratio Lower Upper
 360 100
 362 201.2 63.2 94.8#

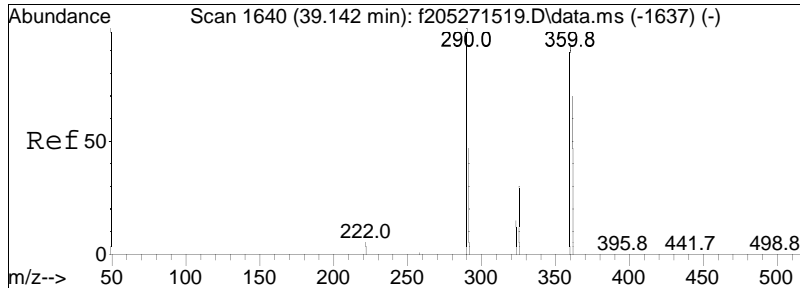




#141
 C15-BZ#118
 Concen: 91.02 ng/mL
 RT: 37.991 min Scan# 2549
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

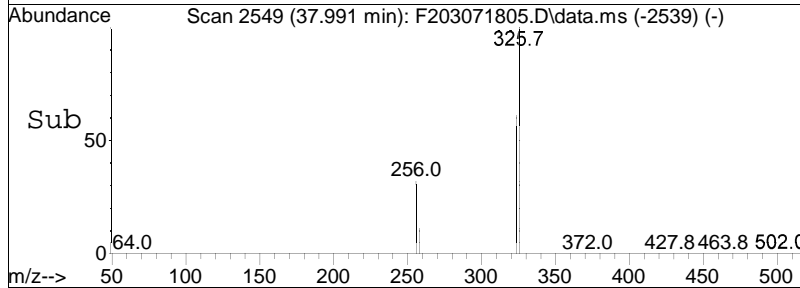
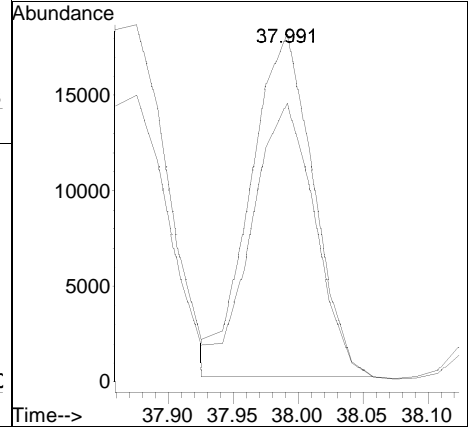
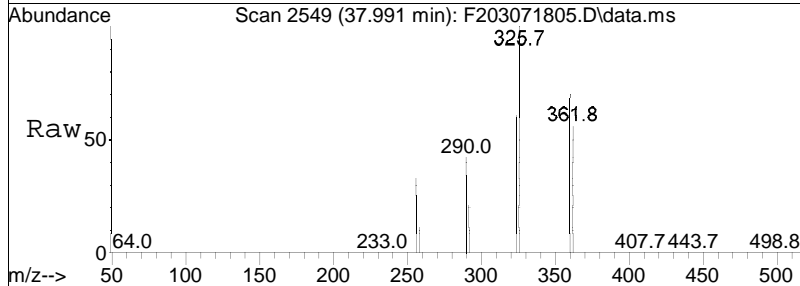
Tgt Ion: 326 Resp: 88874
 Ion Ratio Lower Upper
 326 100
 324 63.0 51.4 77.0

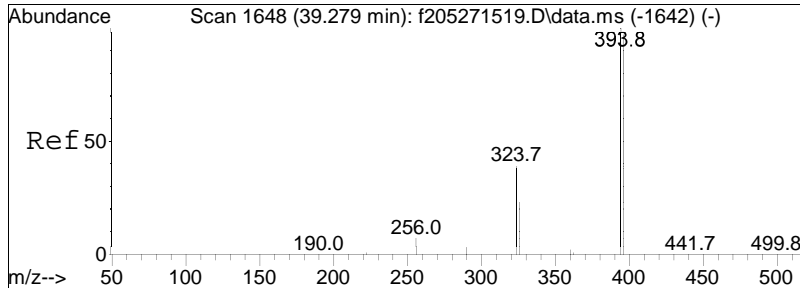




#142
 Cl6-BZ#131
 Concen: 91.04 ng/mL
 RT: 37.991 min Scan# 2549
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

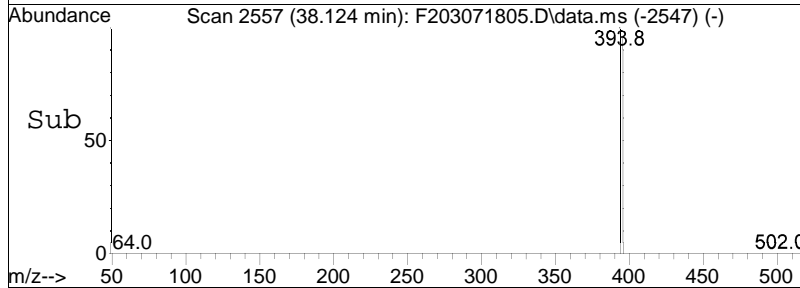
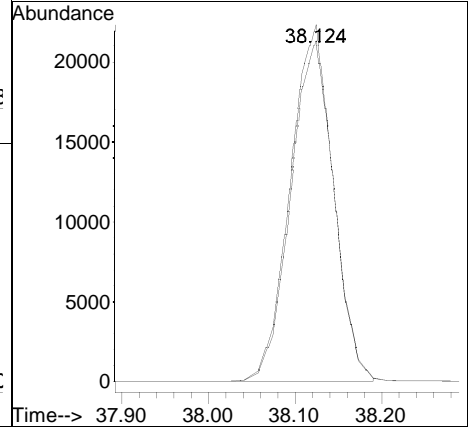
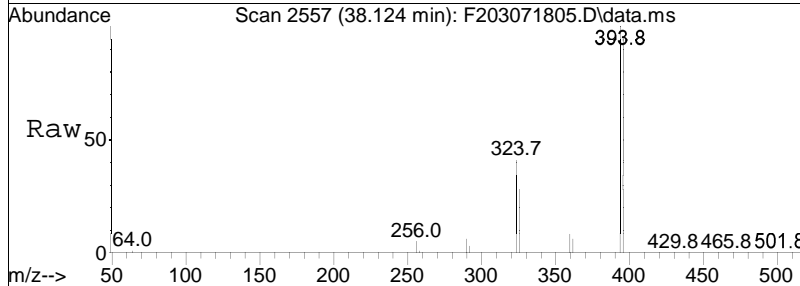
Tgt Ion: 360 Resp: 60044
 Ion Ratio Lower Upper
 360 100
 362 80.5 64.2 96.4

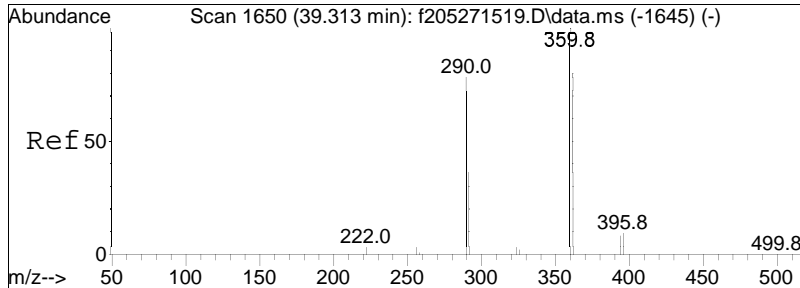




#143
 C17-BZ#184
 Concen: 89.58 ng/mL
 RT: 38.124 min Scan# 2557
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

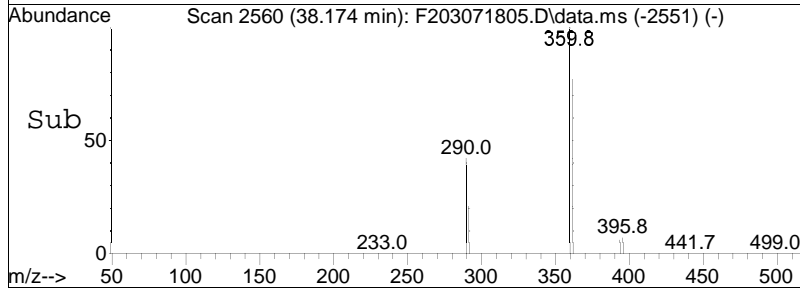
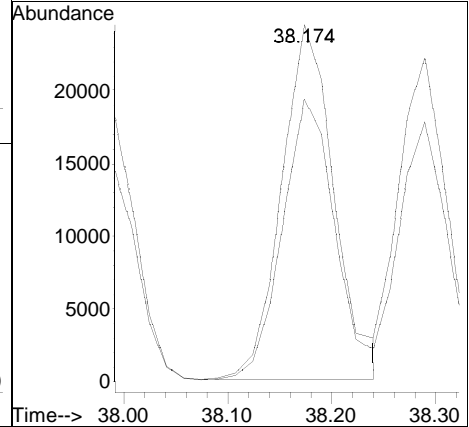
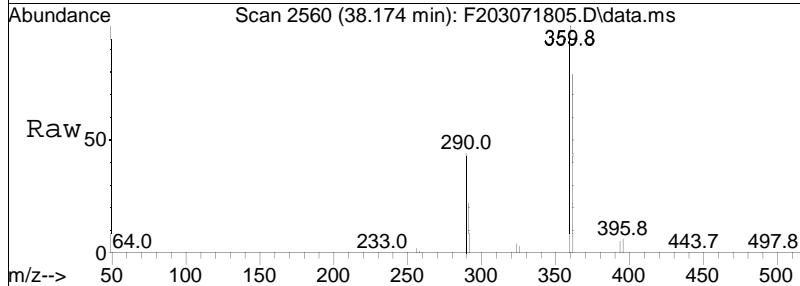
Tgt Ion	Resp	Lower	Upper
394	100		
396	96.0	75.3	112.9

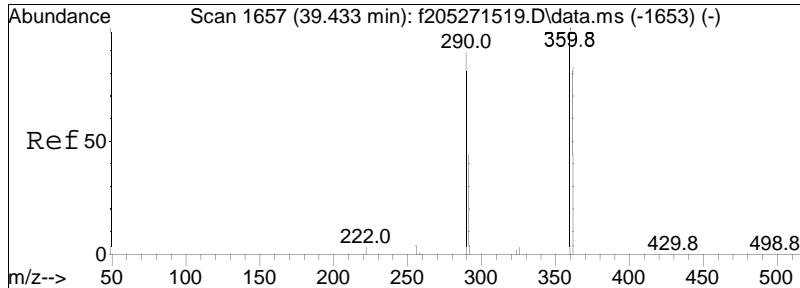




#144
 Cl6-BZ#165
 Concen: 92.37 ng/mL
 RT: 38.174 min Scan# 2560
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

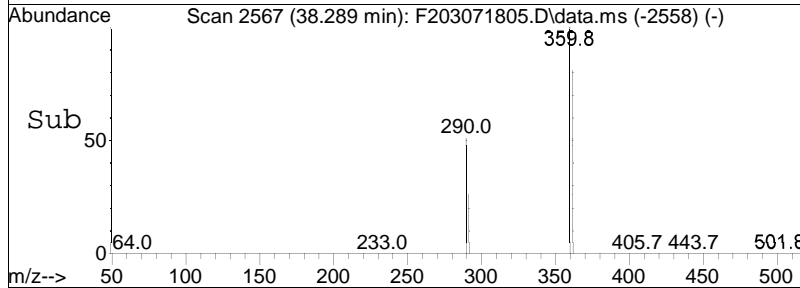
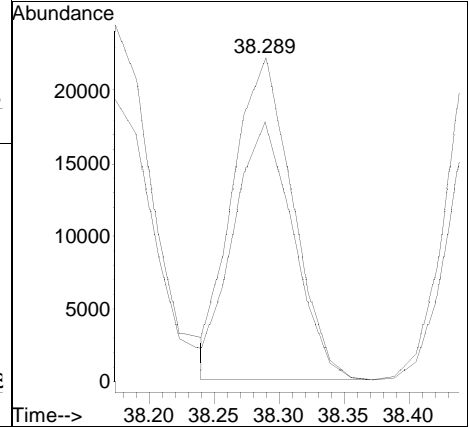
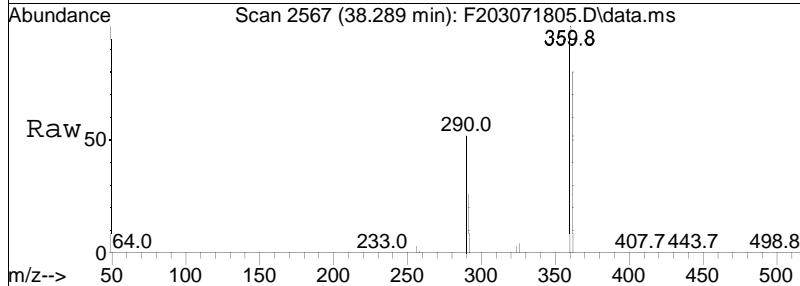
Tgt Ion: 360 Resp: 85709
 Ion Ratio Lower Upper
 360 100
 362 79.9 65.8 98.8

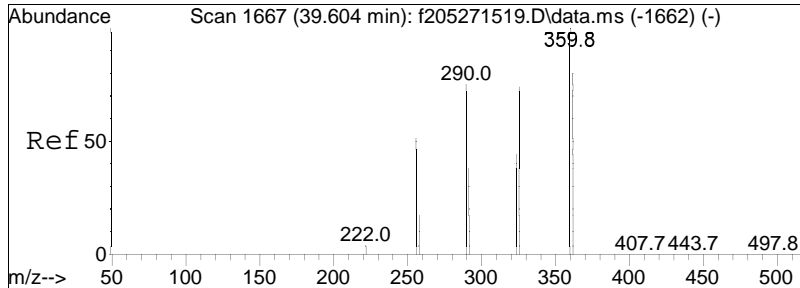




#145
 Cl6-BZ#146
 Concen: 86.65 ng/mL
 RT: 38.289 min Scan# 2567
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

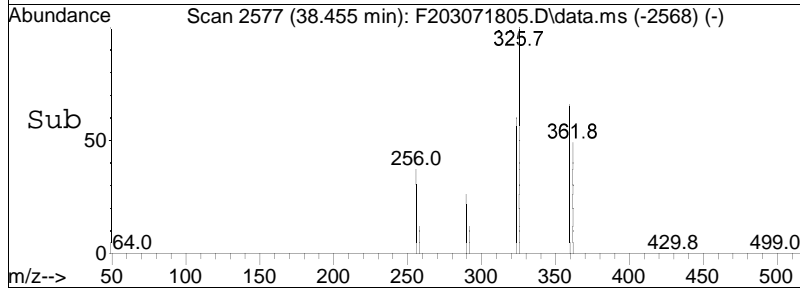
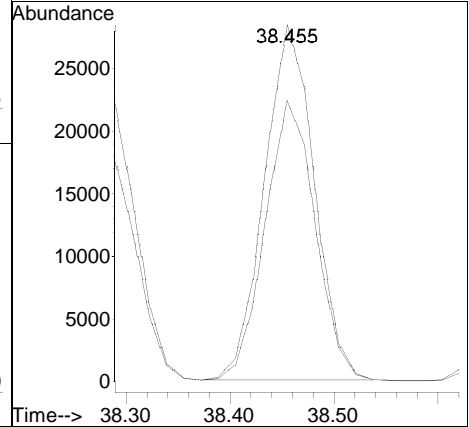
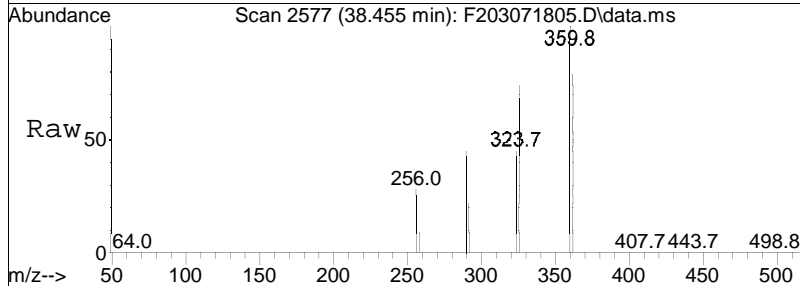
Tgt Ion: 360 Resp: 70381
 Ion Ratio Lower Upper
 360 100
 362 80.0 63.4 95.0

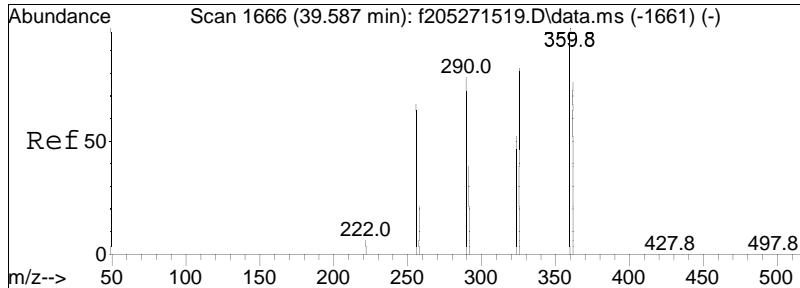




#146
 Cl6-BZ#161
 Concen: 91.55 ng/mL
 RT: 38.455 min Scan# 2577
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

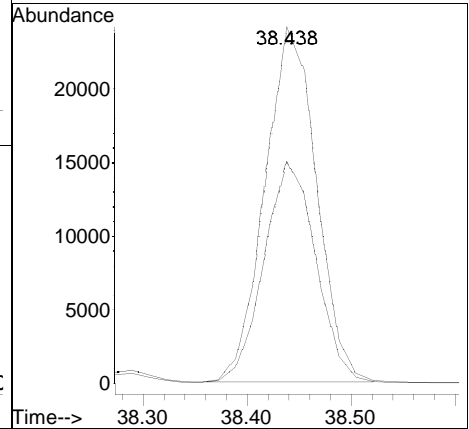
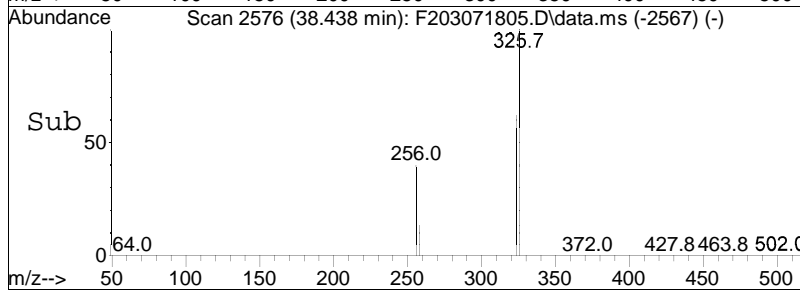
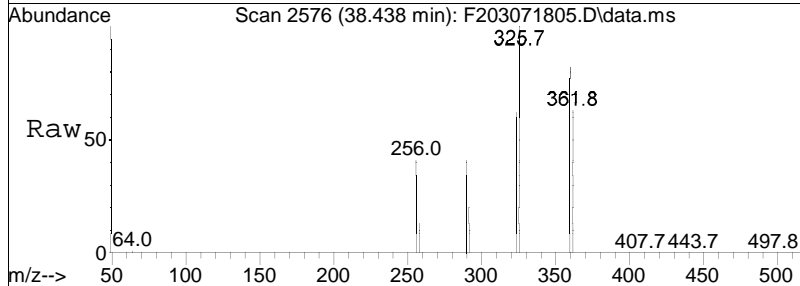
Tgt Ion: 360 Resp: 94610
 Ion Ratio Lower Upper
 360 100
 362 79.1 64.0 96.0

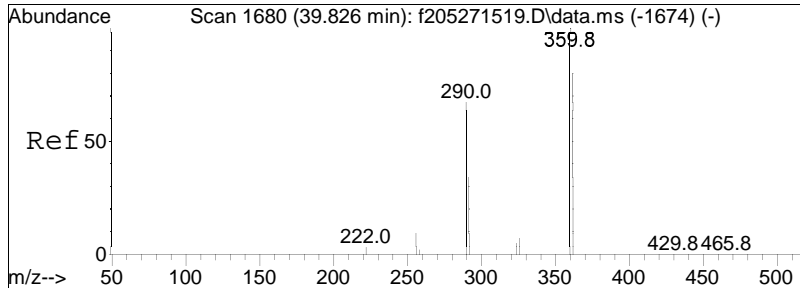




#147
 C15-BZ#122
 Concen: 92.01 ng/mL
 RT: 38.438 min Scan# 2576
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

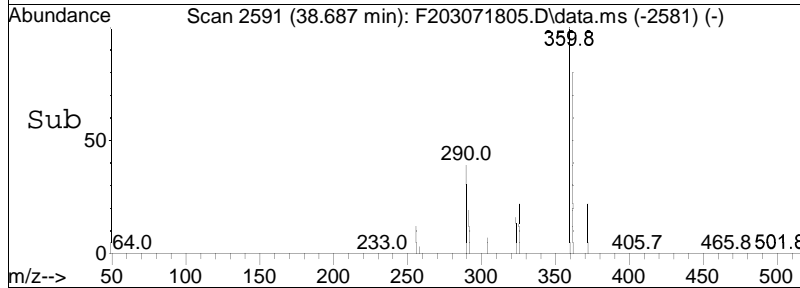
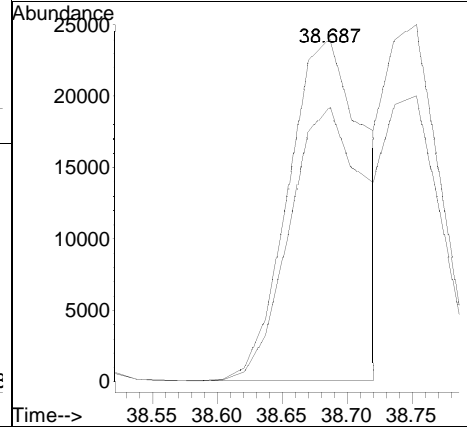
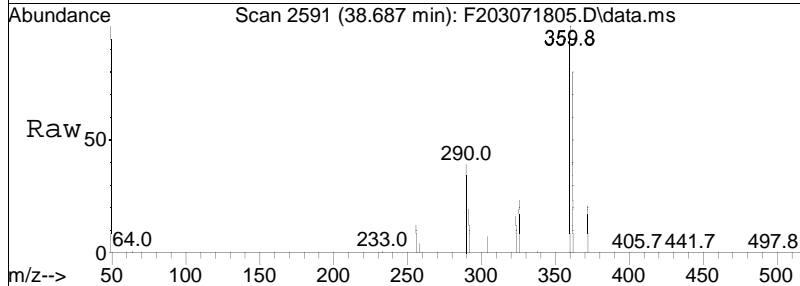
Tgt Ion: 326 Resp: 82764
 Ion Ratio Lower Upper
 326 100
 324 62.5 50.1 75.1

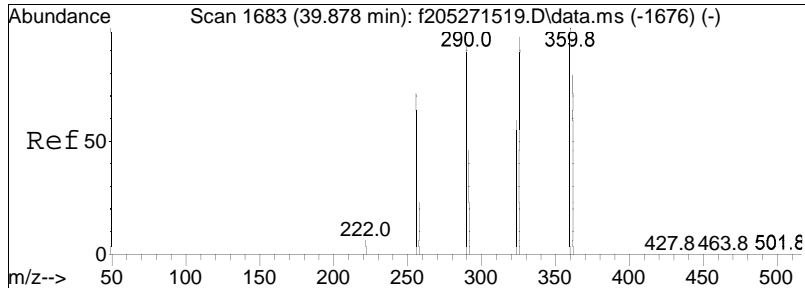




#148
 Cl6-BZ#168
 Concen: 99.97 ng/mL
 RT: 38.687 min Scan# 2591
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

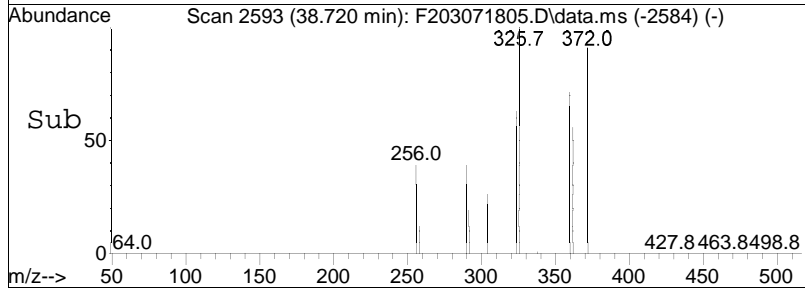
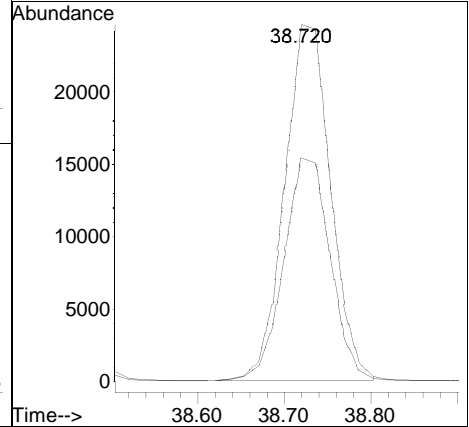
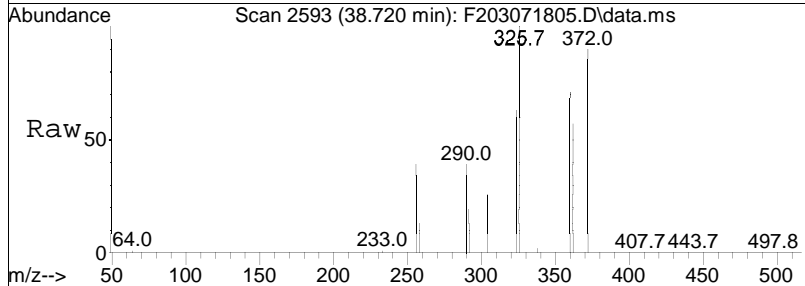
Tgt Ion	Resp	Lower	Upper
360	100		
362	79.1	64.2	96.4

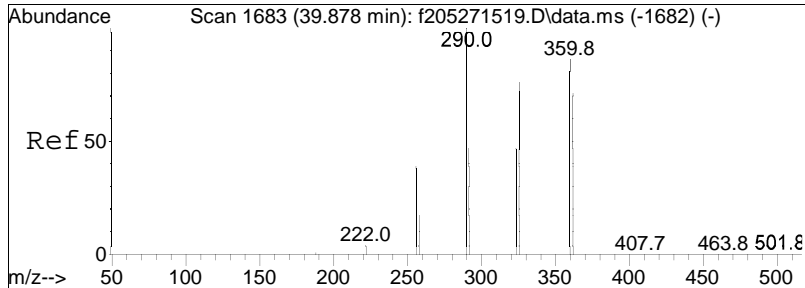




#149
 C15-BZ#114
 Concen: 91.39 ng/mL
 RT: 38.720 min Scan# 2593
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

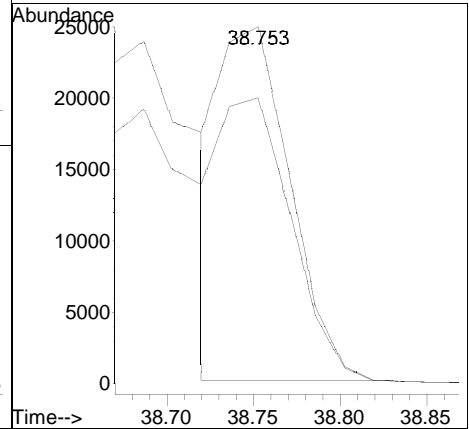
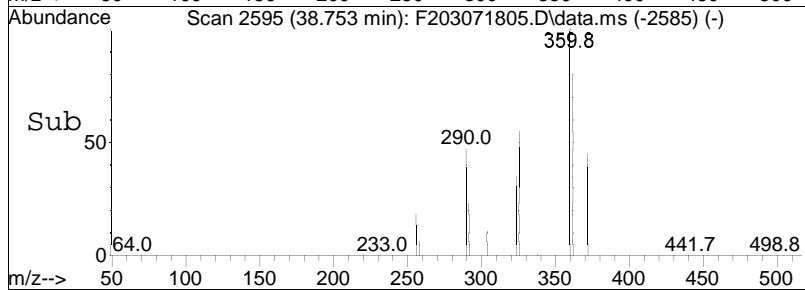
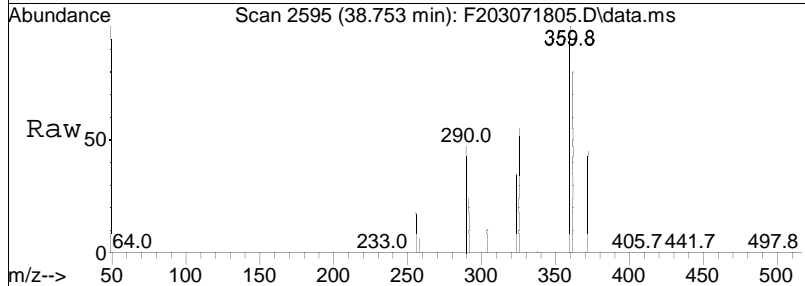
Tgt Ion: 326 Resp: 90271
 Ion Ratio Lower Upper
 326 100
 324 63.5 50.4 75.6

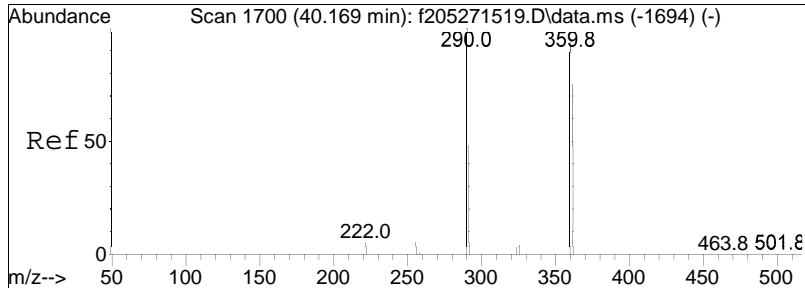




#150
 Cl6-BZ#153
 Concen: 78.09 ng/mL
 RT: 38.753 min Scan# 2595
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

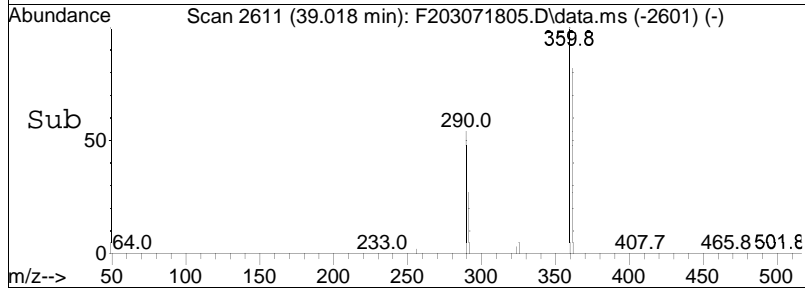
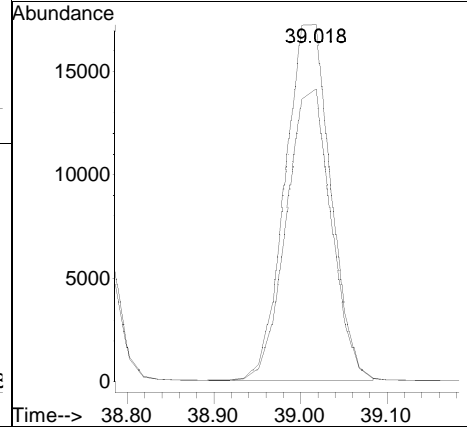
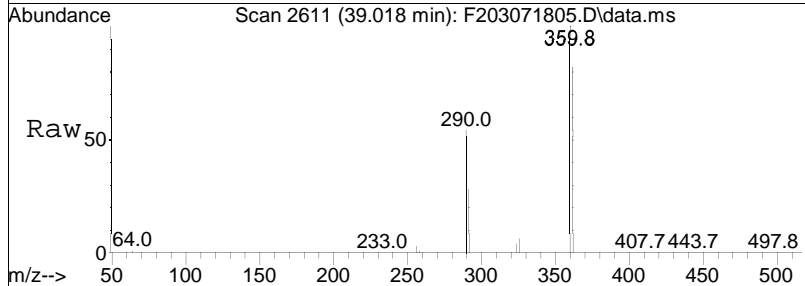
Tgt Ion: 360 Resp: 69040
 Ion Ratio Lower Upper
 360 100
 362 81.8 63.0 94.6

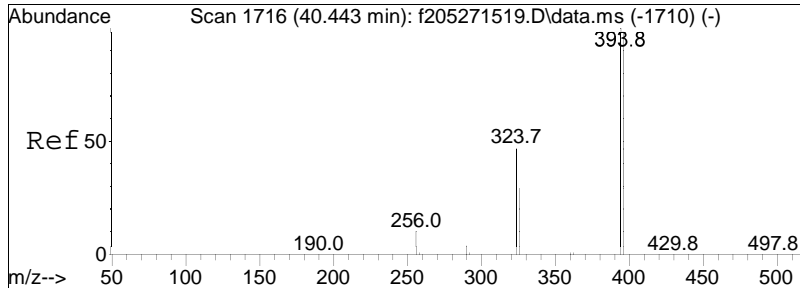




#152
 Cl6-BZ#132
 Concen: 88.47 ng/mL
 RT: 39.018 min Scan# 2611
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

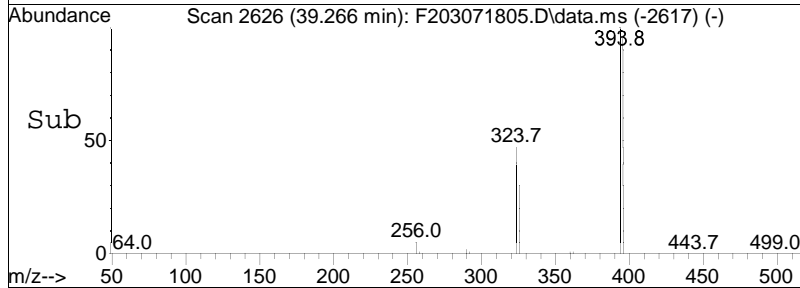
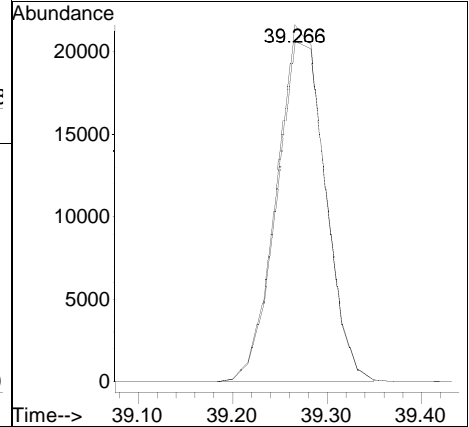
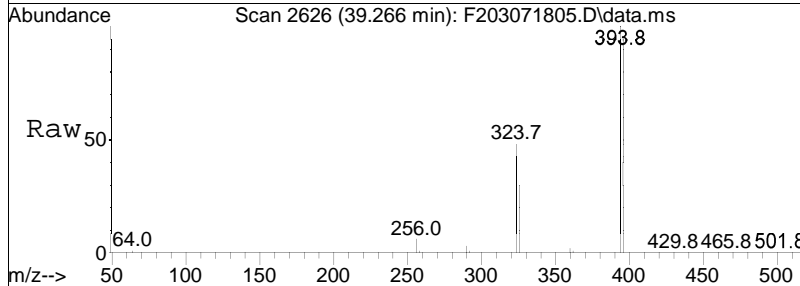
Tgt Ion	Resp	Lower	Upper
360	62770		
362	80.4	65.2	97.8

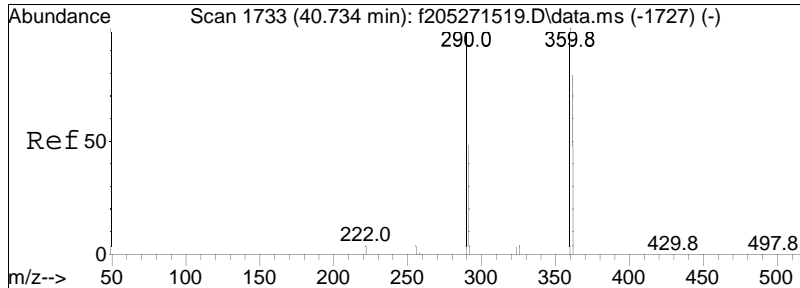




#153
 C17-BZ#179
 Concen: 86.32 ng/mL
 RT: 39.266 min Scan# 2626
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

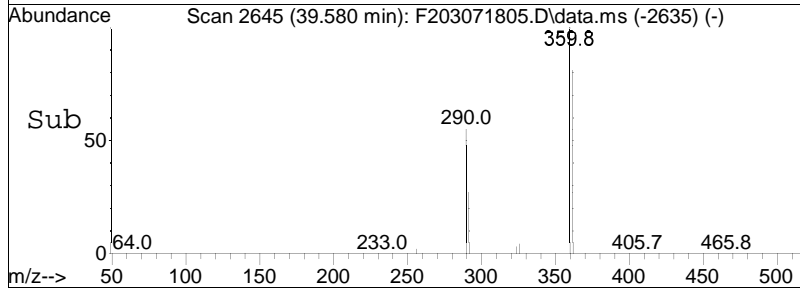
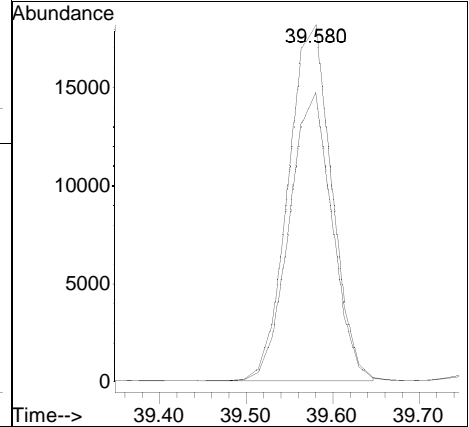
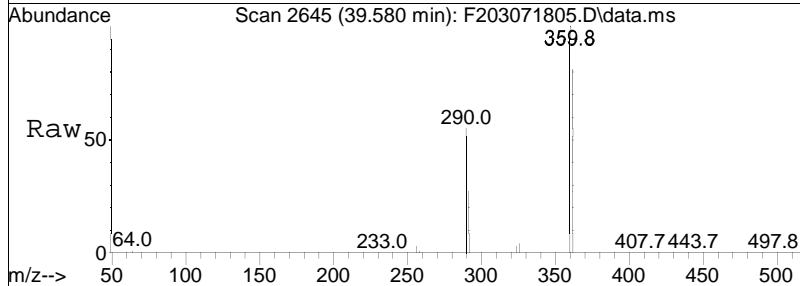
Tgt Ion: 394 Resp: 76056
 Ion Ratio Lower Upper
 394 100
 396 97.1 76.2 114.4

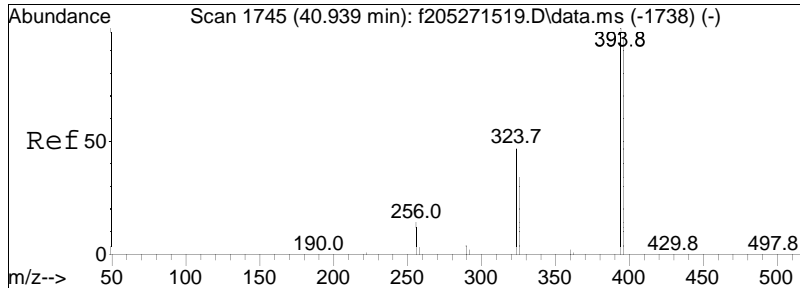




#154
 Cl6-BZ#141
 Concen: 89.14 ng/mL
 RT: 39.580 min Scan# 2645
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

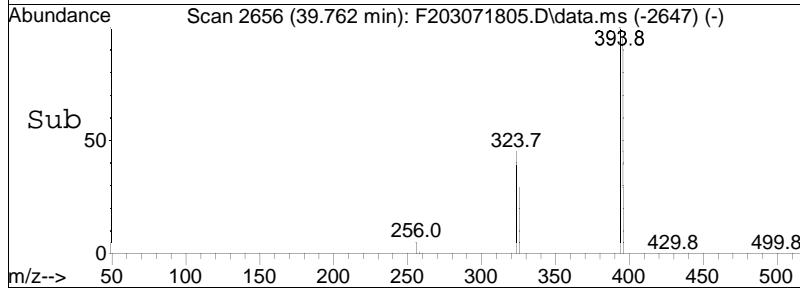
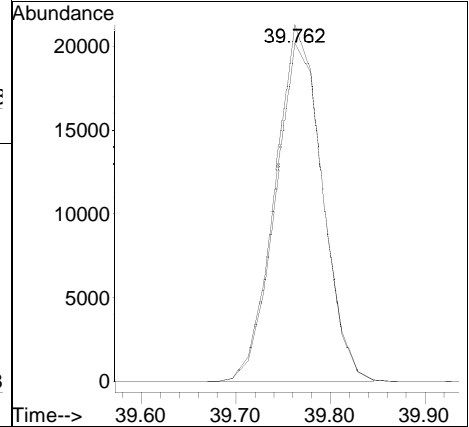
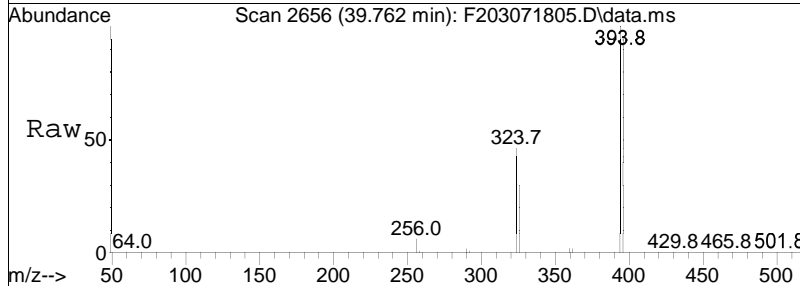
Tgt Ion: 360 Resp: 63275
 Ion Ratio Lower Upper
 360 100
 362 79.6 64.1 96.1

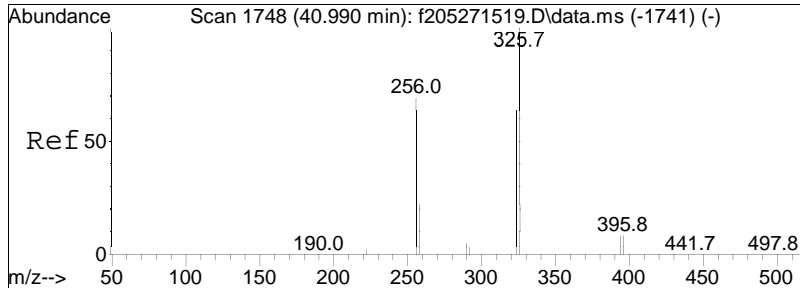




#155
 C17-BZ#176
 Concen: 87.29 ng/mL
 RT: 39.762 min Scan# 2656
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

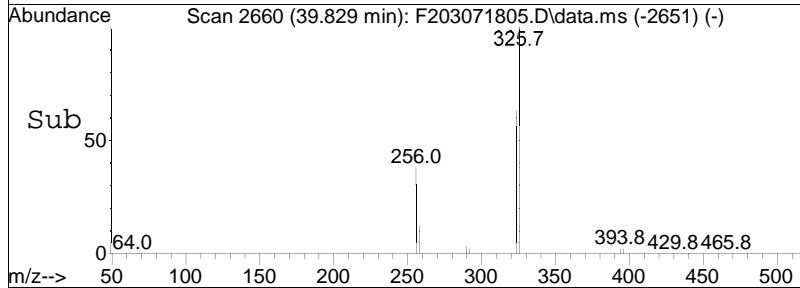
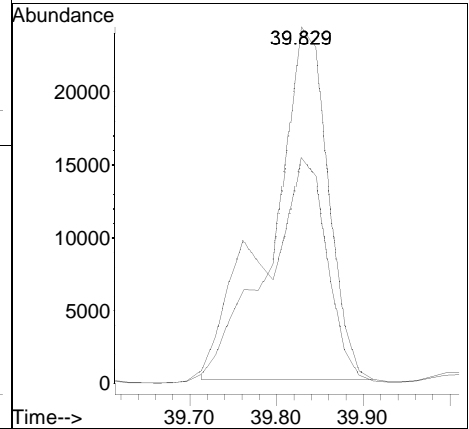
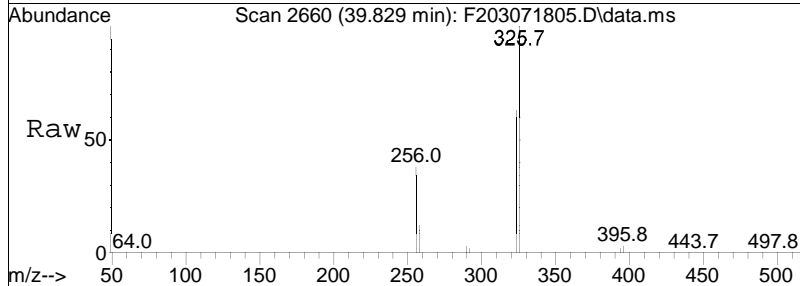
Tgt Ion	Resp	Lower	Upper
394	100		
396	96.2	77.4	116.0

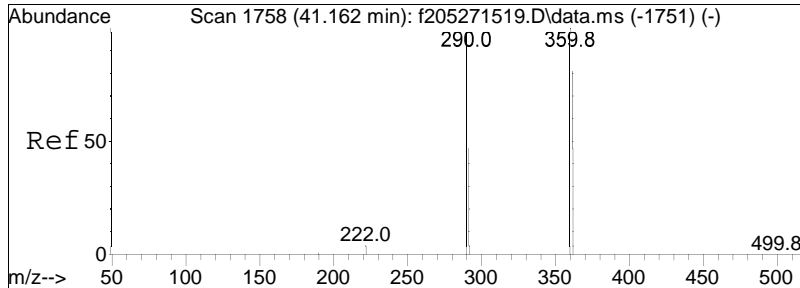




#156
 C15-BZ#105
 Concen: 85.80 ng/mL
 RT: 39.829 min Scan# 2660
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

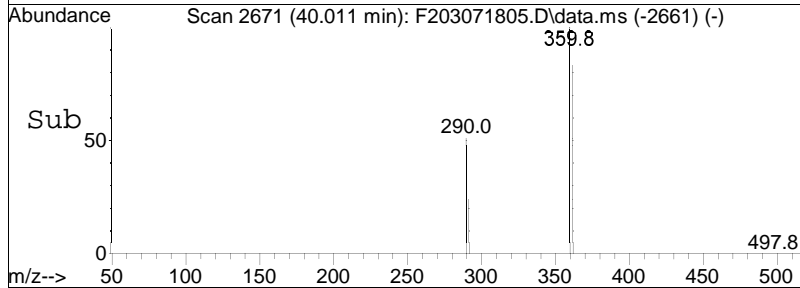
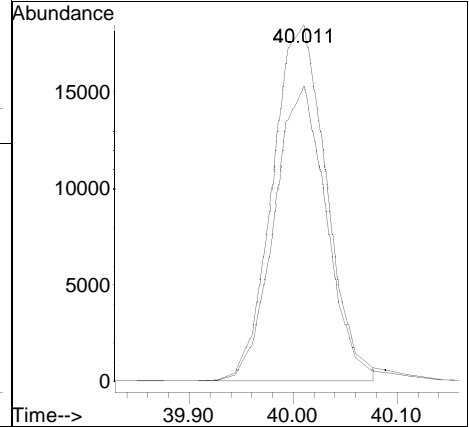
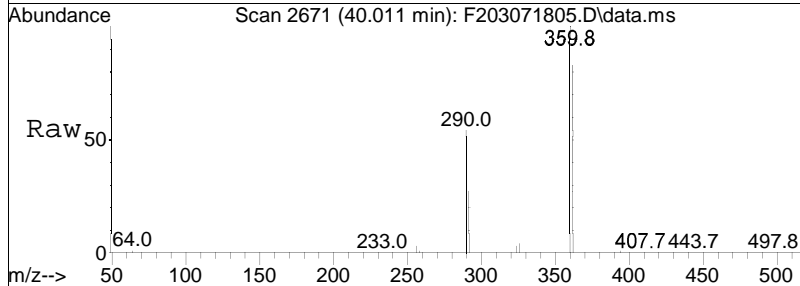
Tgt Ion: 326 Resp: 103724
 Ion Ratio Lower Upper
 326 100
 324 47.0 49.0 73.4#

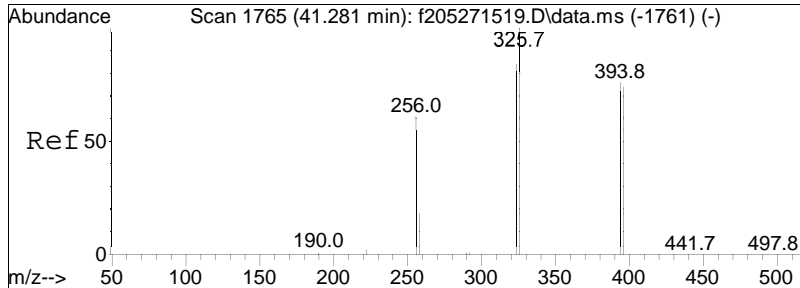




#157
 Cl6-BZ#137
 Concen: 91.04 ng/mL
 RT: 40.011 min Scan# 2671
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

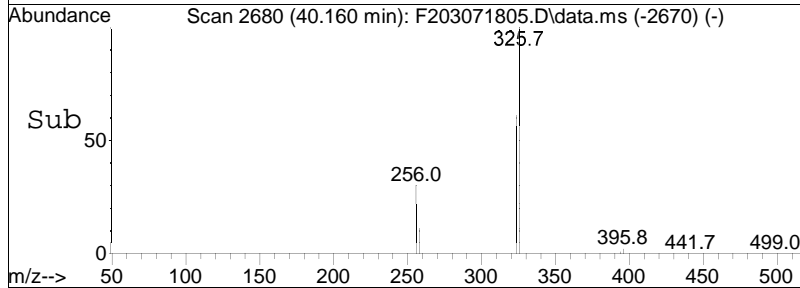
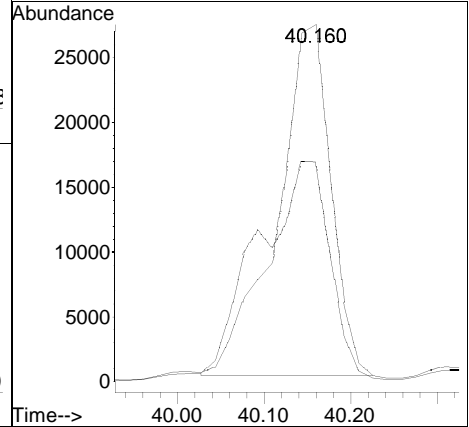
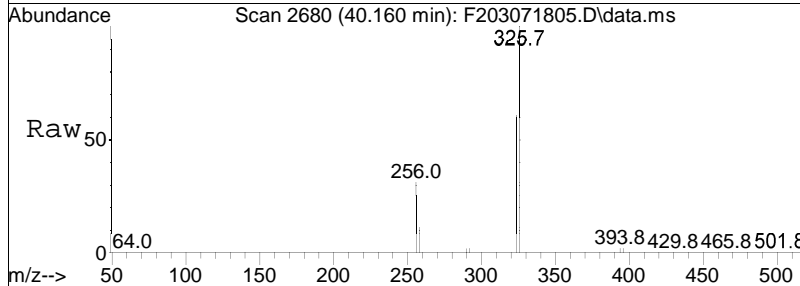
Tgt Ion	Resp	Lower	Upper
360	100		
362	80.5	65.7	98.5

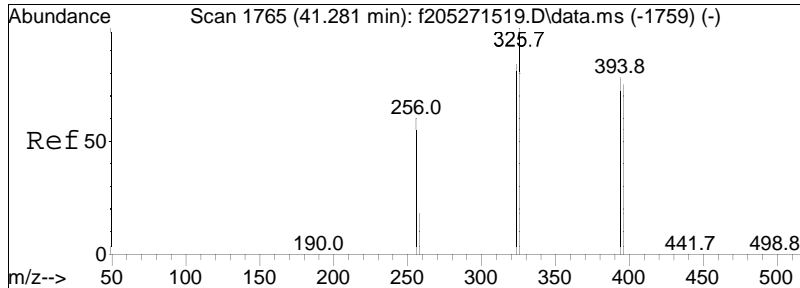




#158
 C15-BZ#127
 Concen: 87.67 ng/mL
 RT: 40.160 min Scan# 2680
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

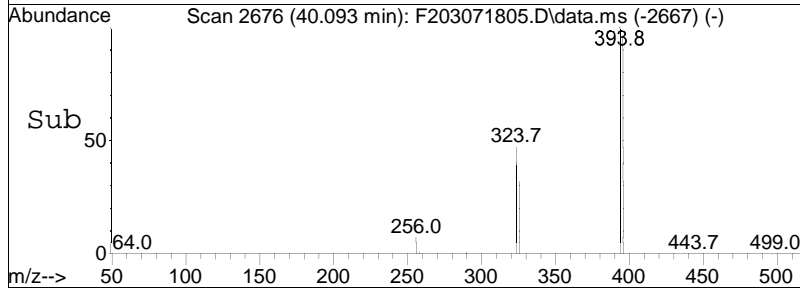
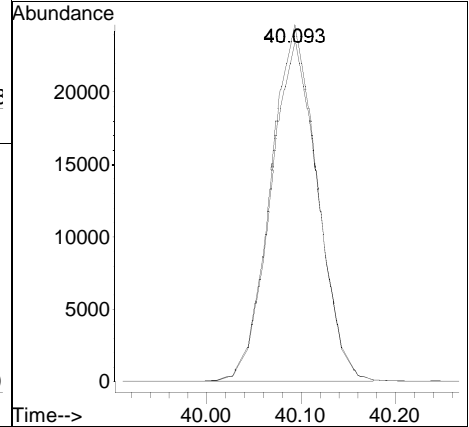
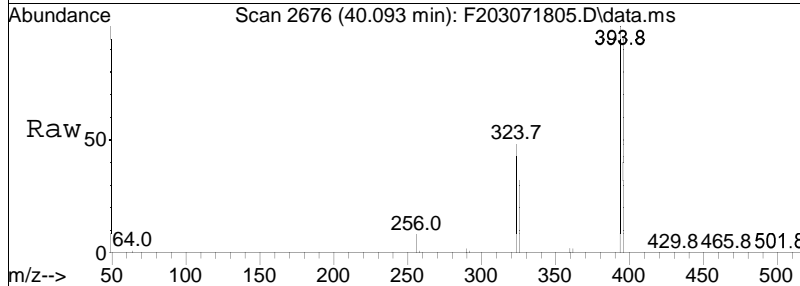
Tgt Ion: 326 Resp: 116248
 Ion Ratio Lower Upper
 326 100
 324 81.8 49.2 73.8#

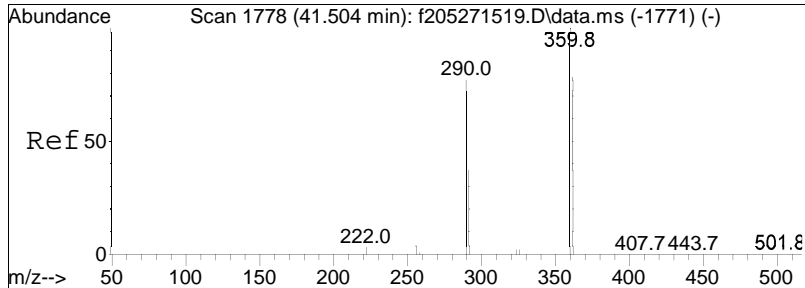




#159
 Cl7-BZ#186
 Concen: 90.45 ng/mL
 RT: 40.093 min Scan# 2676
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

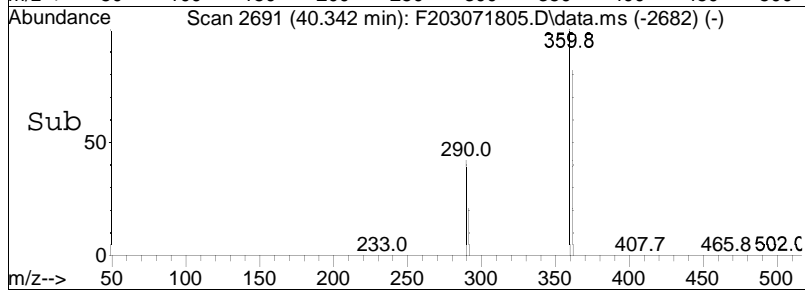
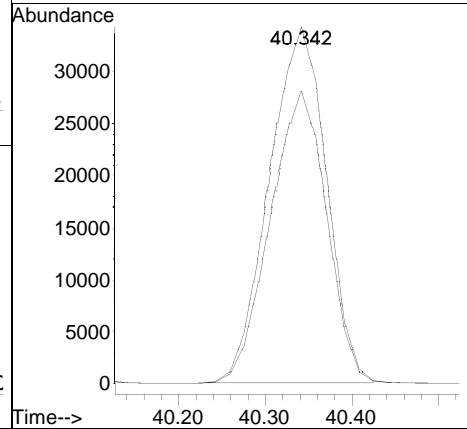
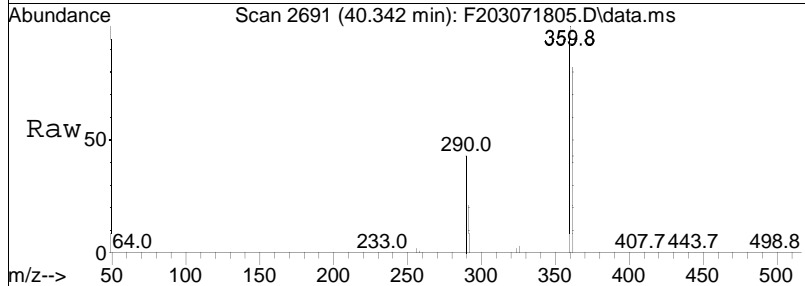
Tgt Ion: 394 Resp: 84231
 Ion Ratio Lower Upper
 394 100
 396 96.1 76.7 115.1

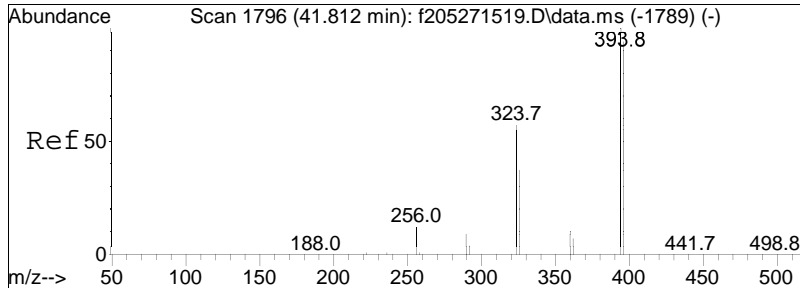




#160
 Cl6-BZ#130/#164
 Concen: 184.08 ng/mL
 RT: 40.342 min Scan# 2691
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

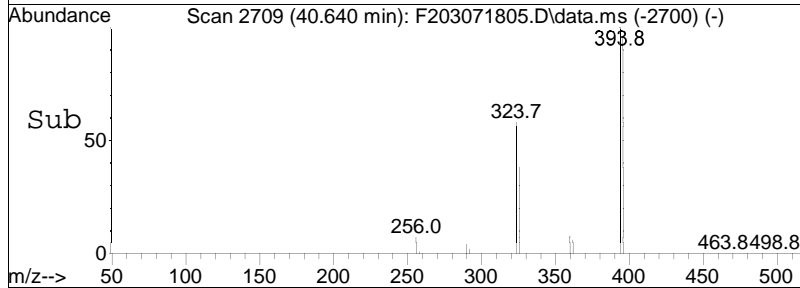
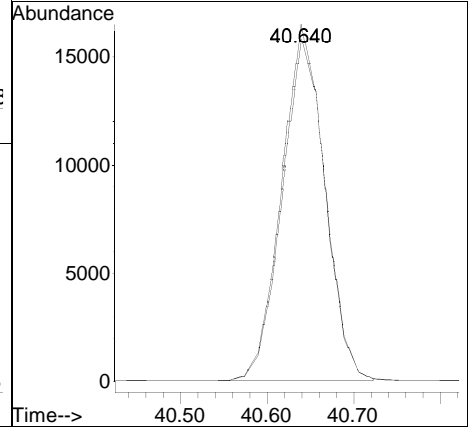
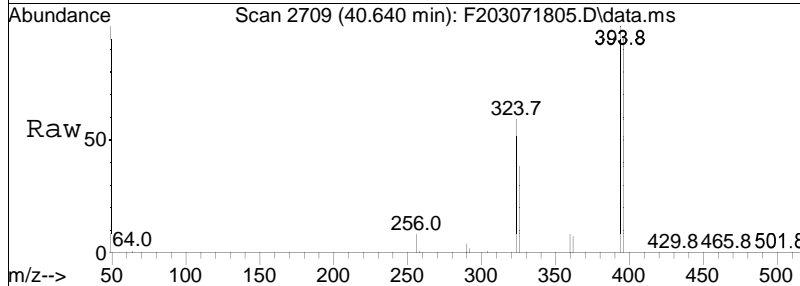
Tgt Ion	Resp	Lower	Upper
360	156230		
362	80.8	65.6	98.4

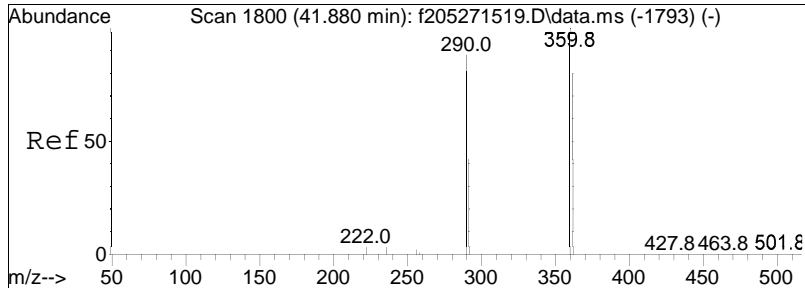




#161
 C17-BZ#178
 Concen: 88.29 ng/mL
 RT: 40.640 min Scan# 2709
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

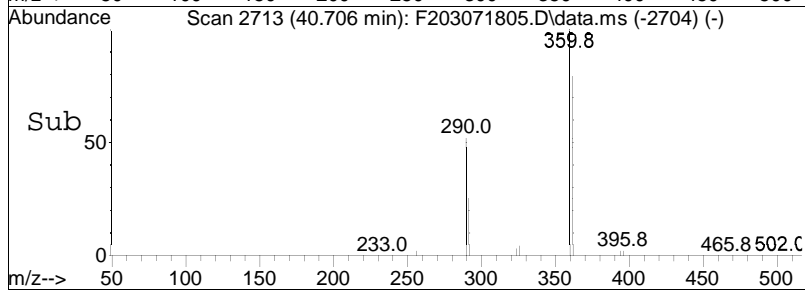
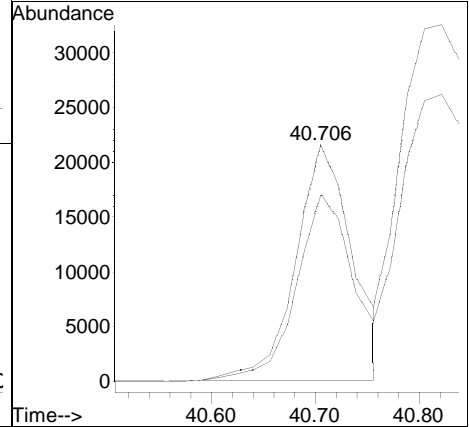
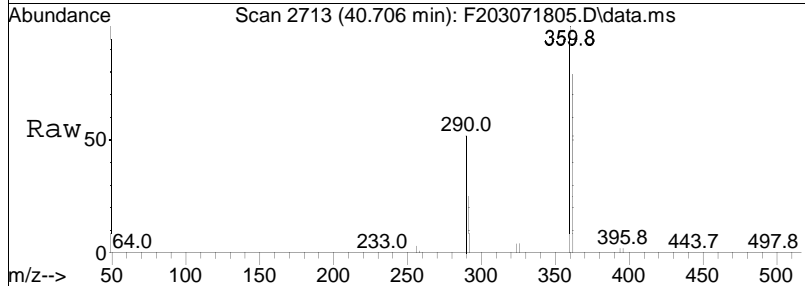
Tgt Ion: 394 Resp: 56343
 Ion Ratio Lower Upper
 394 100
 396 96.9 78.0 117.0

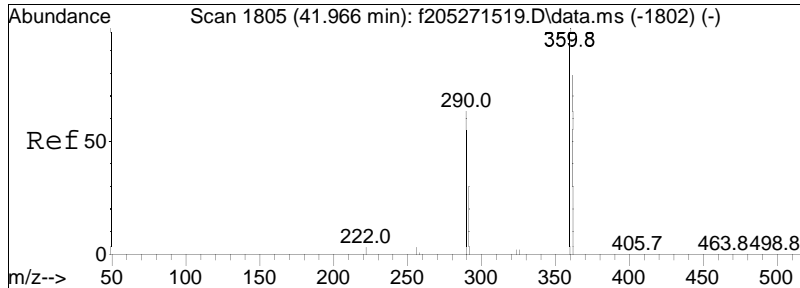




#162
 Cl6-BZ#138
 Concen: 94.19 ng/mL
 RT: 40.706 min Scan# 2713
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

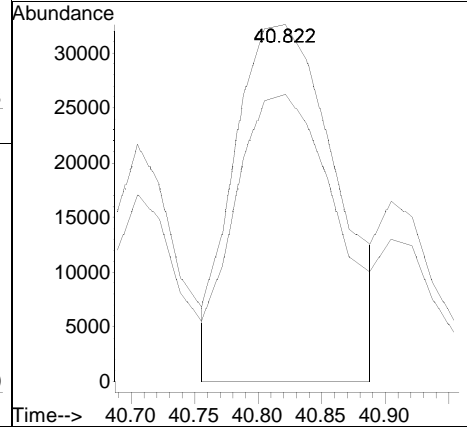
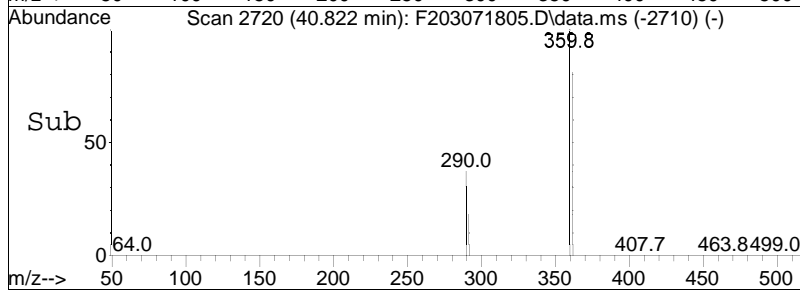
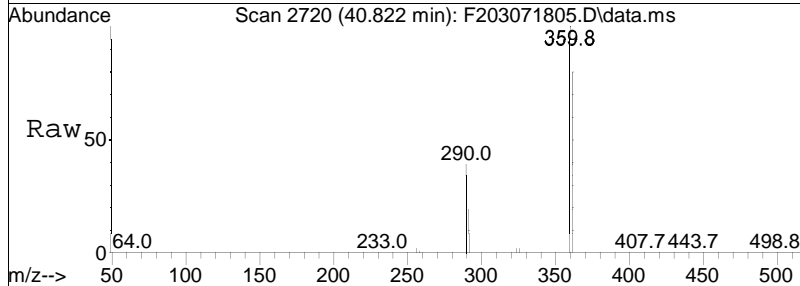
Tgt Ion: 360 Resp: 81258
 Ion Ratio Lower Upper
 360 100
 362 79.7 65.3 97.9

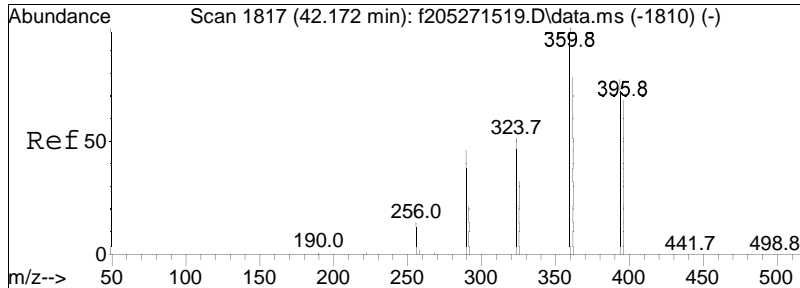




#163
 Cl6-BZ#163/#160
 Concen: 185.93 ng/mL M4
 RT: 40.822 min Scan# 2720
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

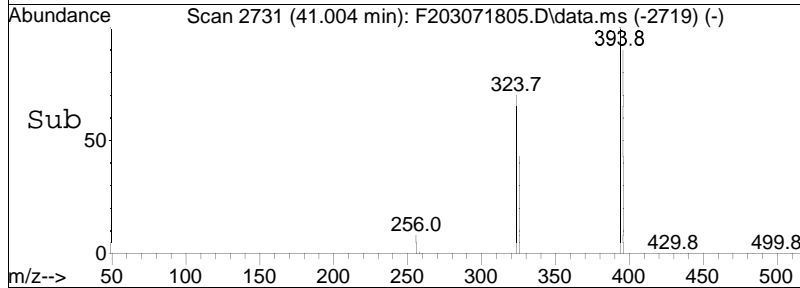
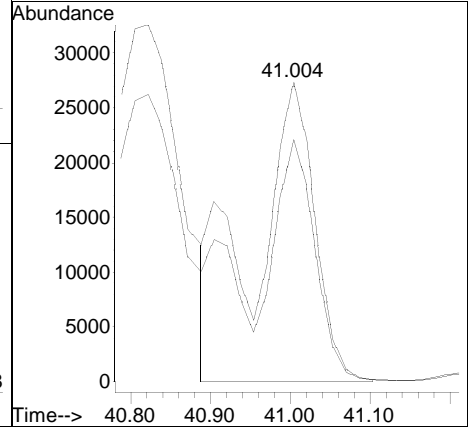
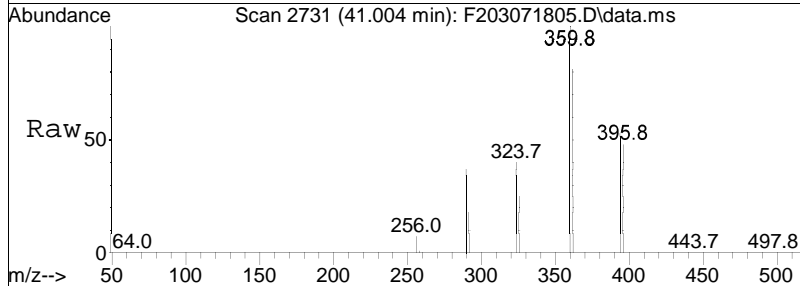
Tgt Ion	Resp	Lower	Upper
360	100		
362	55.7	64.6	96.8#

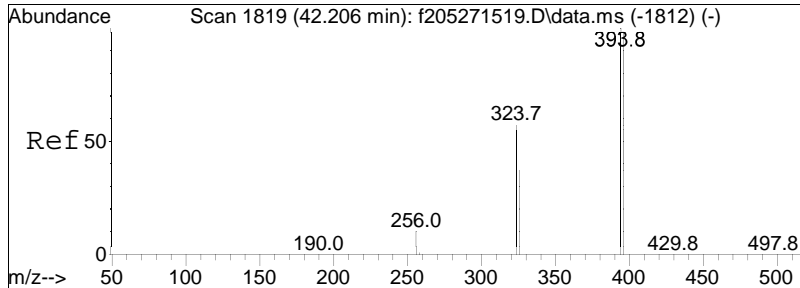




#164
 Cl6-BZ#129/#158
 Concen: 176.15 ng/mL M4
 RT: 41.004 min Scan# 2731
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

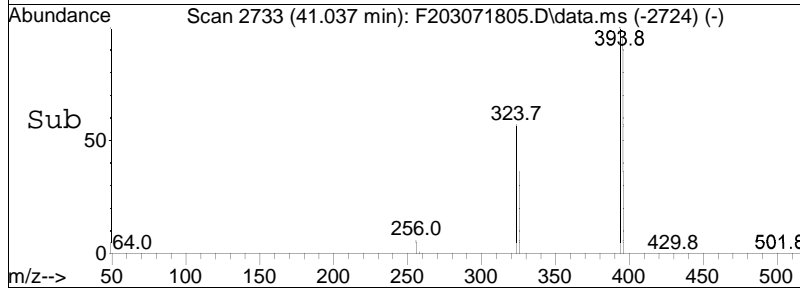
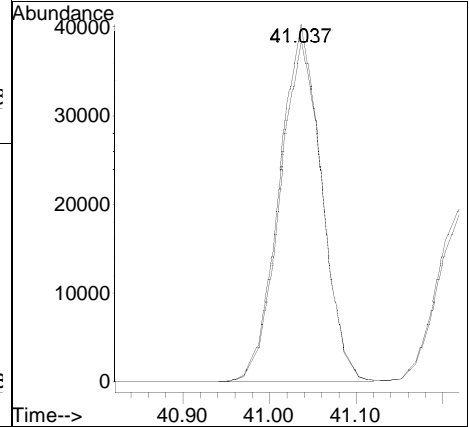
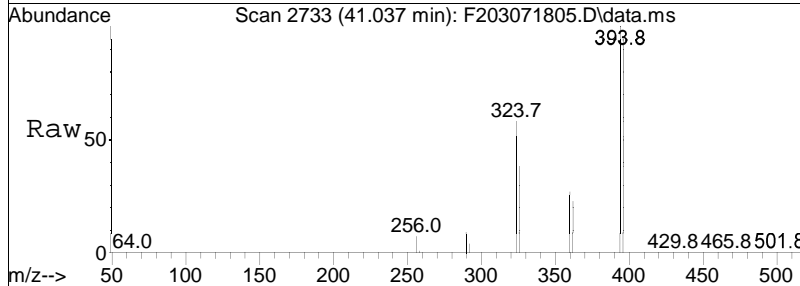
Tgt Ion: 360 Resp: 143264
 Ion Ratio Lower Upper
 360 100
 362 52.5 64.0 96.0#

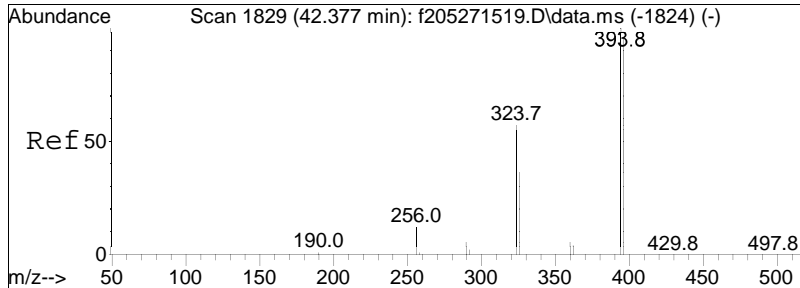




#165
 C17-BZ#182/#175
 Concen: 186.04 ng/mL
 RT: 41.037 min Scan# 2733
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

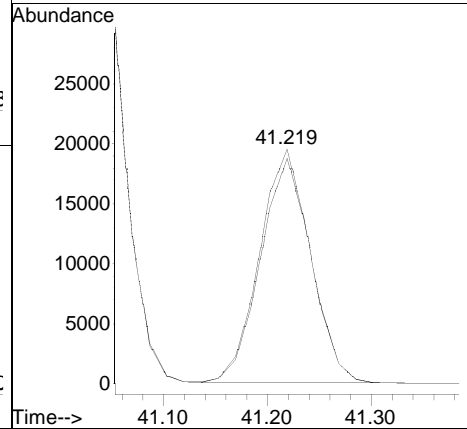
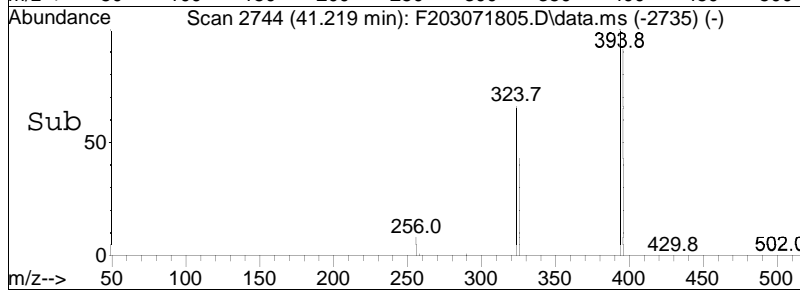
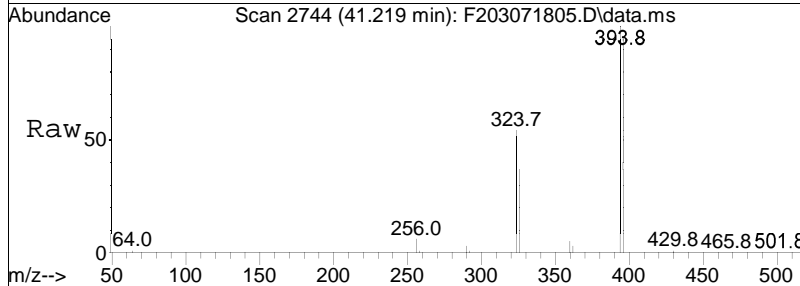
Tgt Ion: 394 Resp: 135897
 Ion Ratio Lower Upper
 394 100
 396 95.6 76.9 115.3

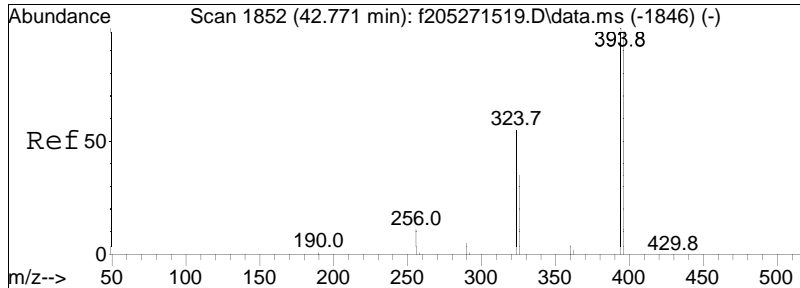




#166
 C17-BZ#187
 Concen: 88.15 ng/mL
 RT: 41.219 min Scan# 2744
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

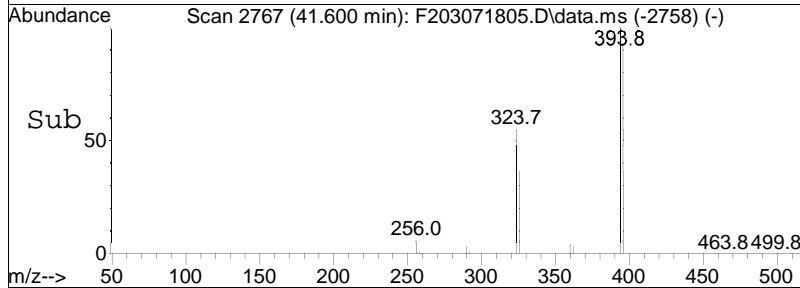
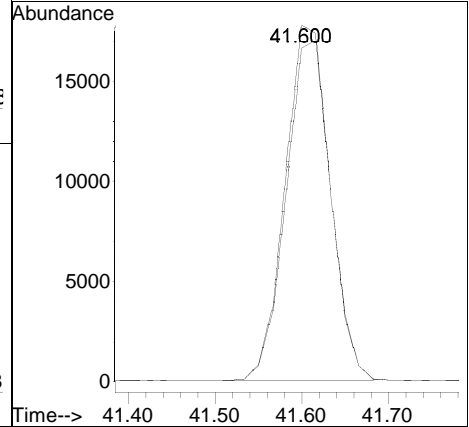
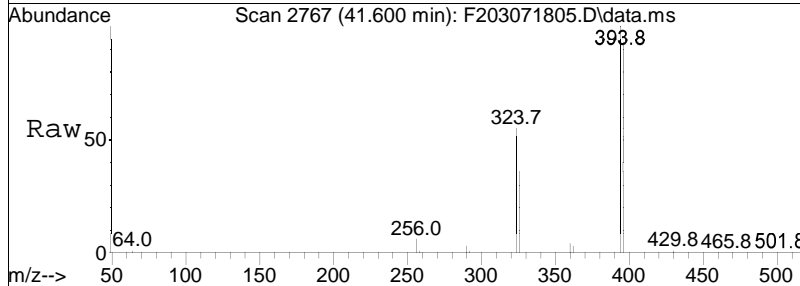
Tgt Ion: 394 Resp: 65949
 Ion Ratio Lower Upper
 394 100
 396 95.7 73.7 110.5

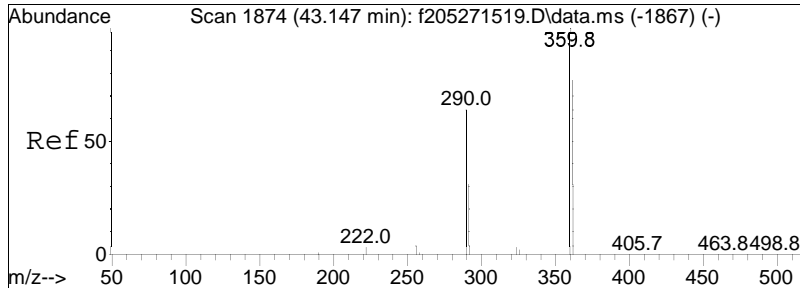




#167
 C17-BZ#183
 Concen: 88.78 ng/mL
 RT: 41.600 min Scan# 2767
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

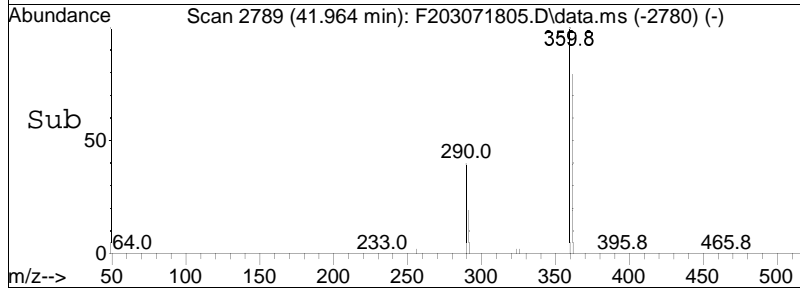
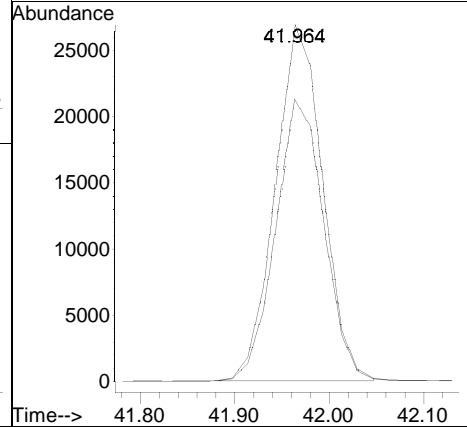
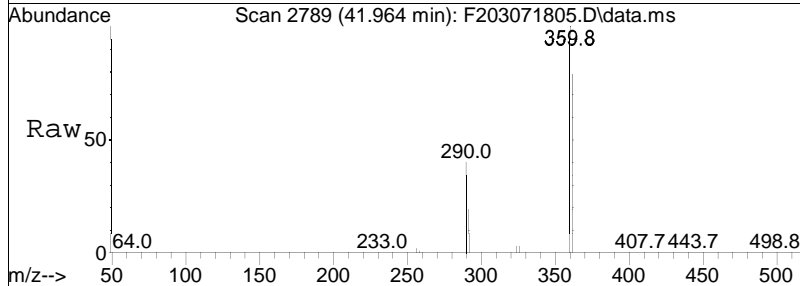
Tgt Ion: 394 Resp: 63833
 Ion Ratio Lower Upper
 394 100
 396 95.6 76.2 114.2

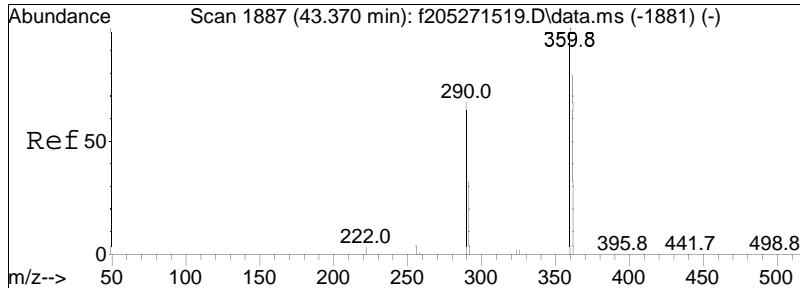




#168
 Cl6-BZ#166
 Concen: 88.12 ng/mL
 RT: 41.964 min Scan# 2789
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

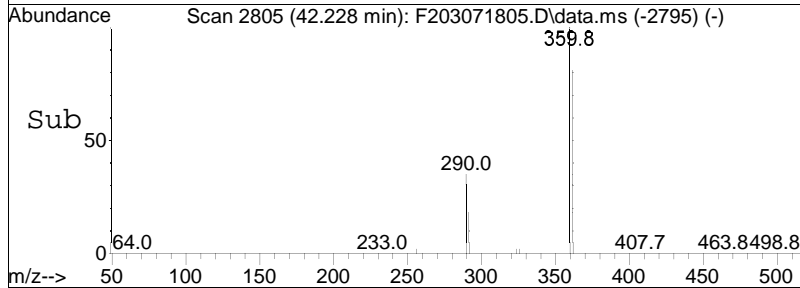
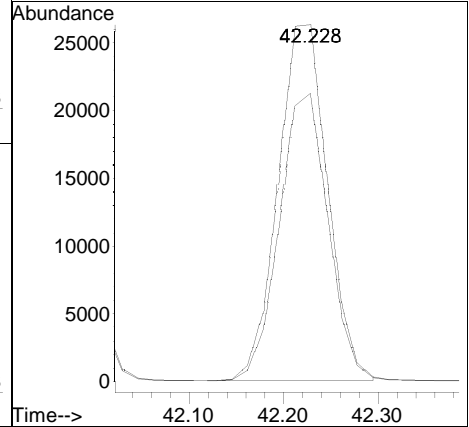
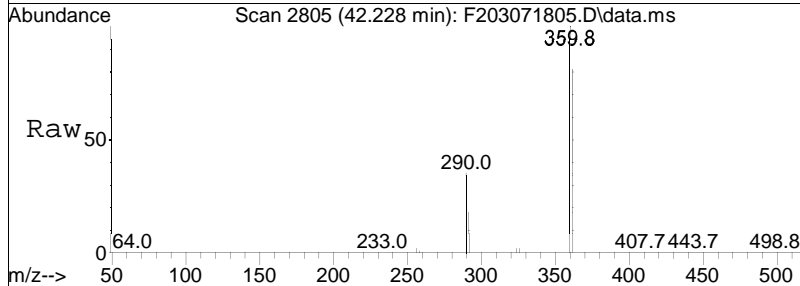
Tgt Ion	Resp	Lower	Upper
360	93386		
362	80.3	65.8	98.6

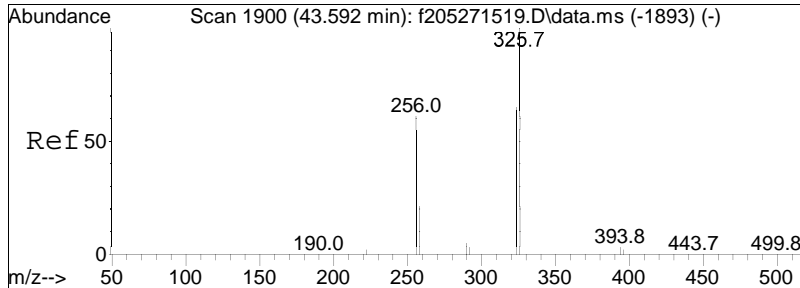




#169
 Cl6-BZ#159
 Concen: 89.92 ng/mL
 RT: 42.228 min Scan# 2805
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

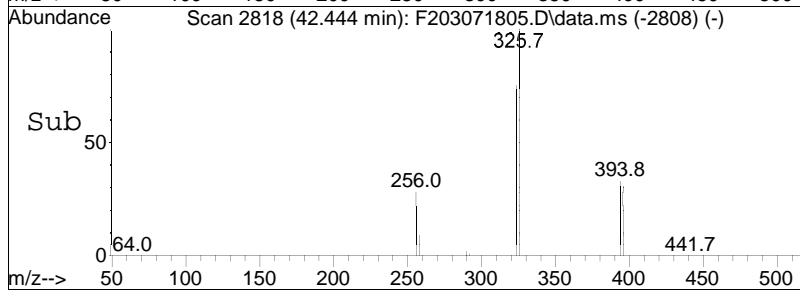
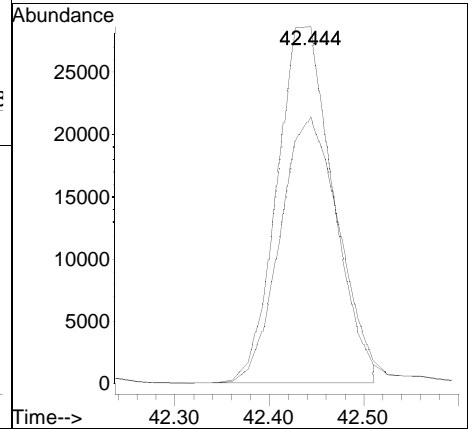
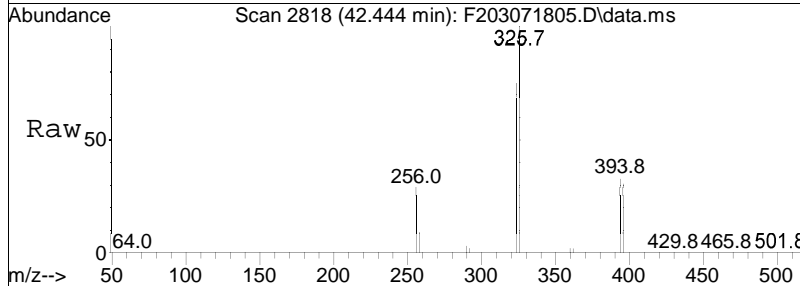
Tgt Ion: 360 Resp: 95304
 Ion Ratio Lower Upper
 360 100
 362 79.4 65.0 97.6

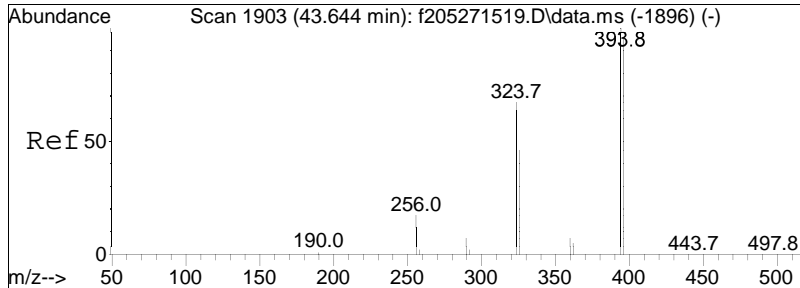




#170
 C15-BZ#126-RTW
 Concen: 90.23 ng/mL
 RT: 42.444 min Scan# 2818
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

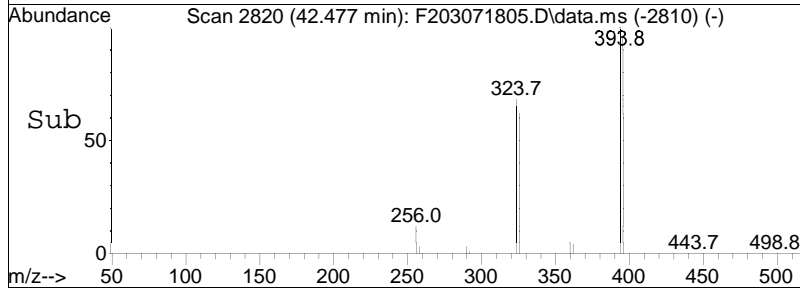
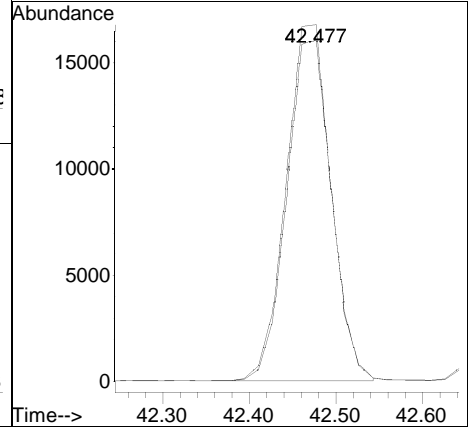
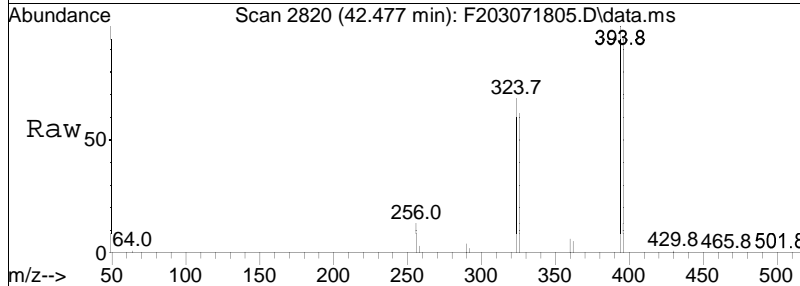
Tgt Ion: 326 Resp: 116948
 Ion Ratio Lower Upper
 326 100
 324 79.6 56.5 84.7

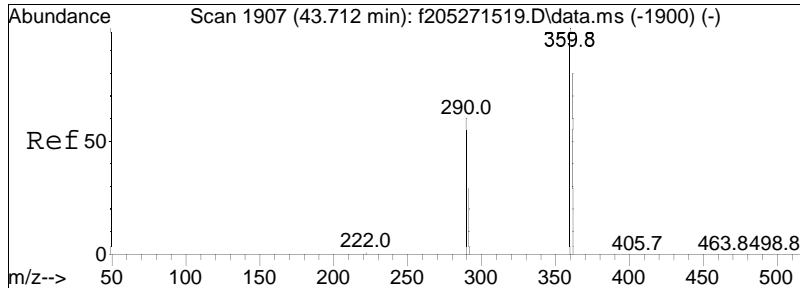




#171
 C17-BZ#185
 Concen: 89.64 ng/mL
 RT: 42.477 min Scan# 2820
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

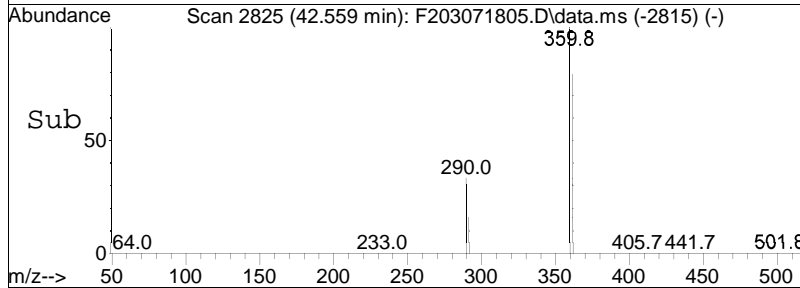
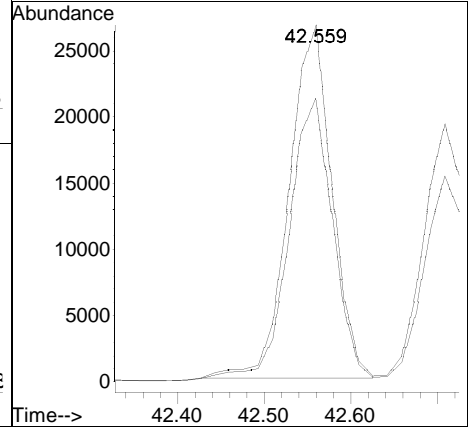
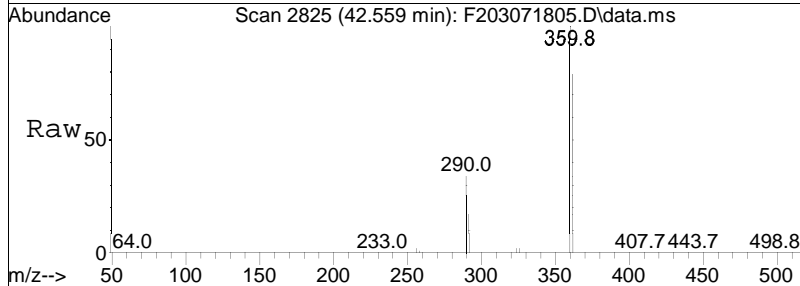
Tgt Ion: 394 Resp: 59952
 Ion Ratio Lower Upper
 394 100
 396 95.3 75.9 113.9

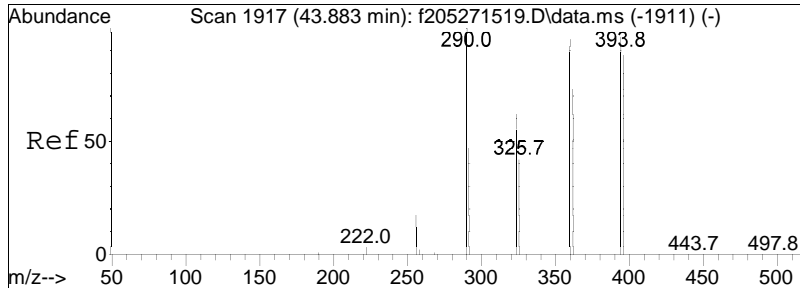




#172
 Cl6-BZ#162
 Concen: 93.40 ng/mL
 RT: 42.559 min Scan# 2825
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

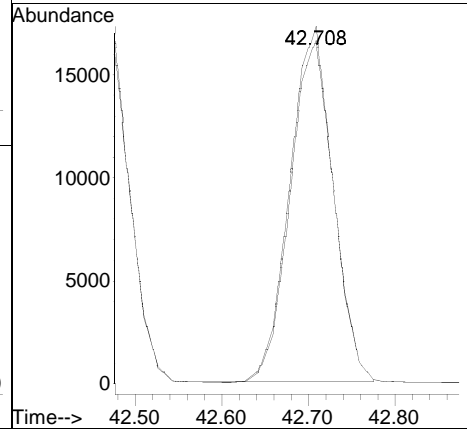
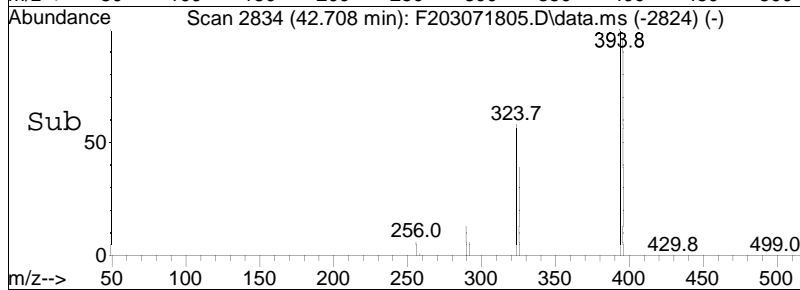
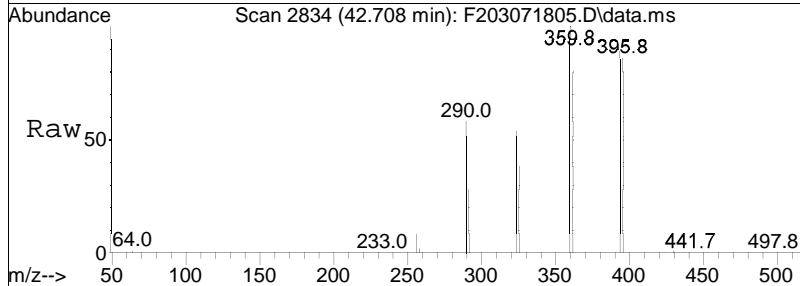
Tgt Ion: 360 Resp: 91731
 Ion Ratio Lower Upper
 360 100
 362 80.0 62.8 94.2

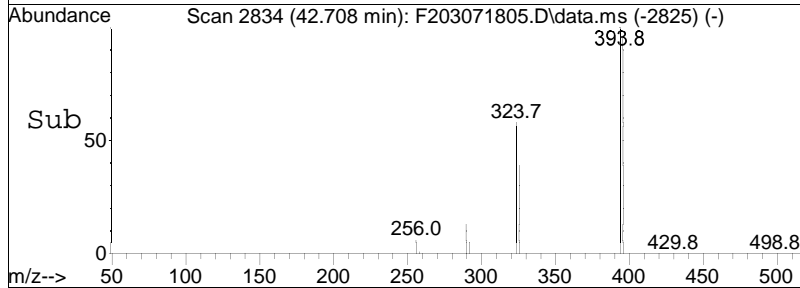
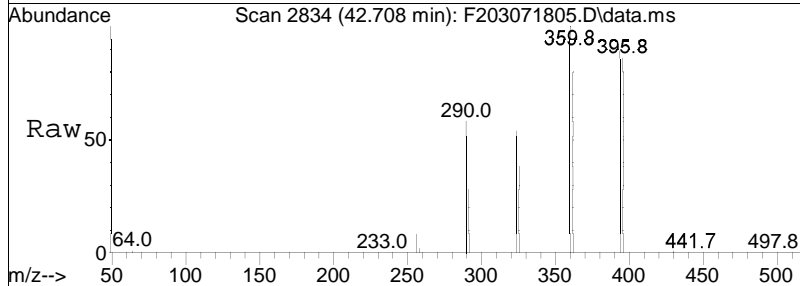
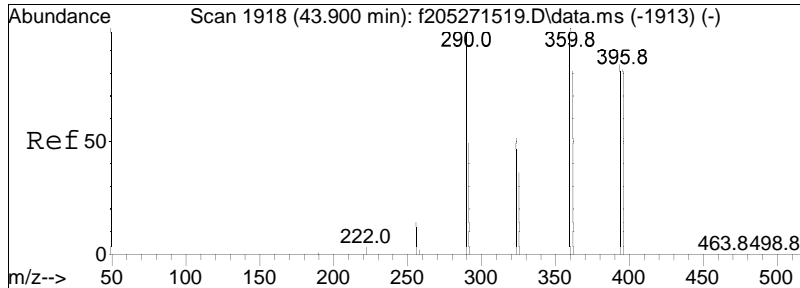




#173
 C17-BZ#174
 Concen: 90.21 ng/mL
 RT: 42.708 min Scan# 2834
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

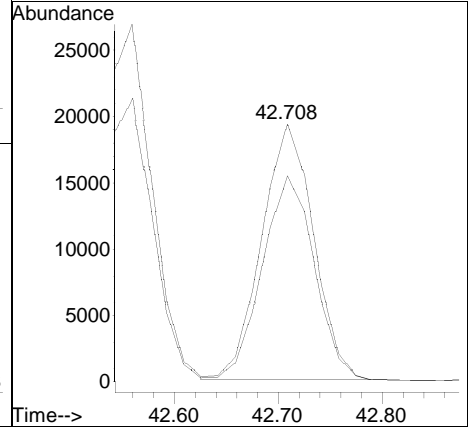
Tgt Ion: 394 Resp: 59900
 Ion Ratio Lower Upper
 394 100
 396 96.6 77.1 115.7

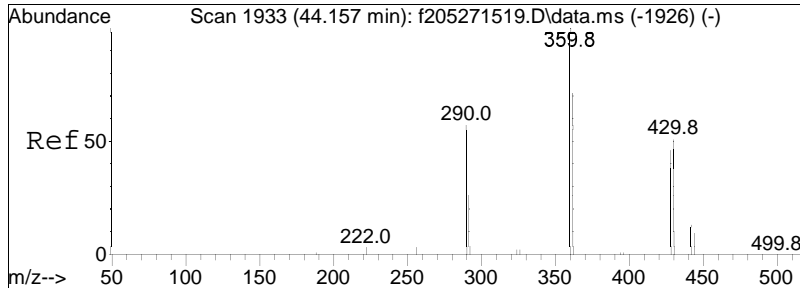




#174
 Cl6-BZ#128
 Concen: 91.77 ng/mL
 RT: 42.708 min Scan# 2834
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

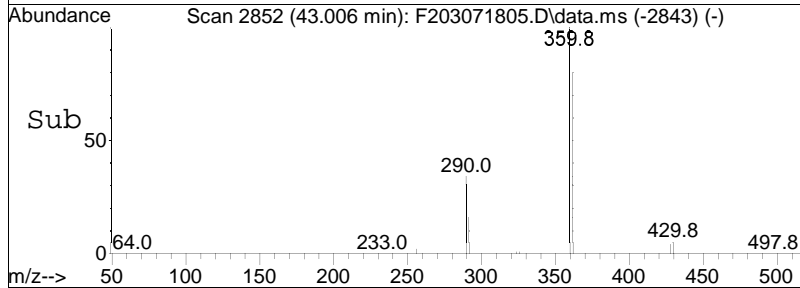
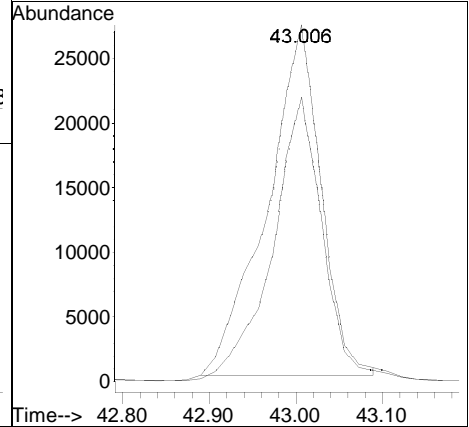
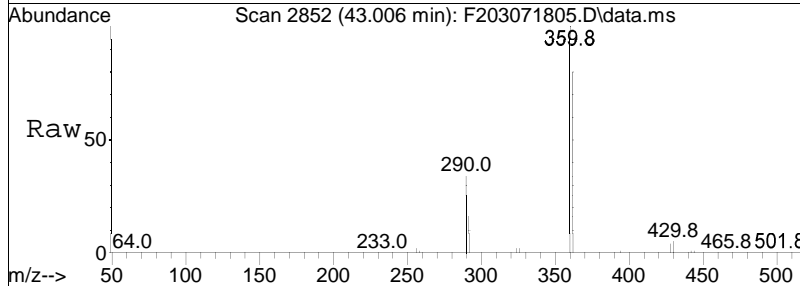
Tgt Ion: 360 Resp: 66659
 Ion Ratio Lower Upper
 360 100
 362 80.2 64.4 96.6

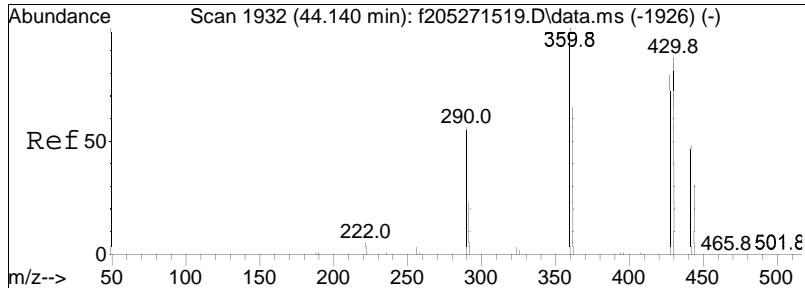




#175
 Cl6-BZ#167
 Concen: 89.58 ng/mL
 RT: 43.006 min Scan# 2852
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

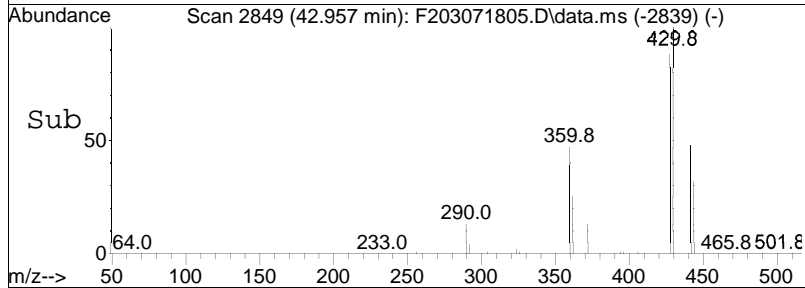
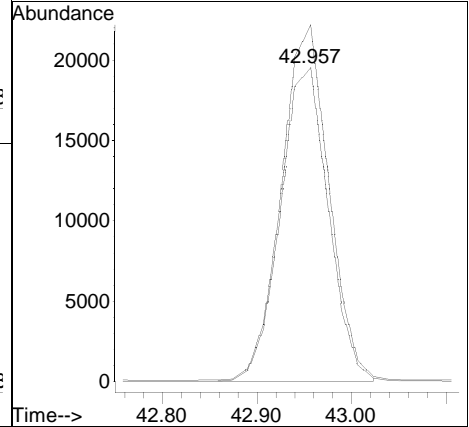
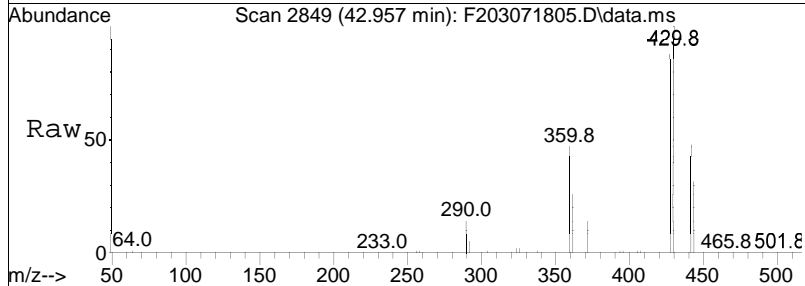
Tgt Ion: 360 Resp: 116750
 Ion Ratio Lower Upper
 360 100
 362 73.1 63.0 94.4

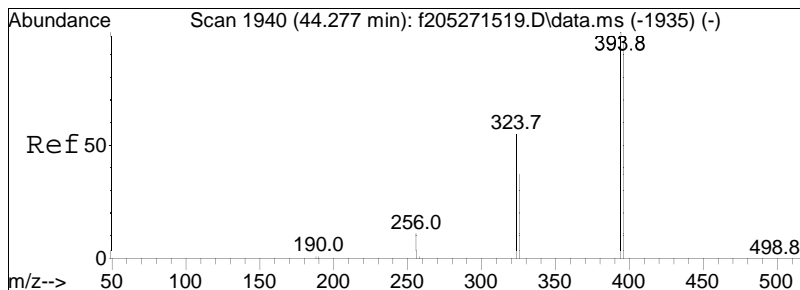




#176
 Cl8-BZ#202-RTW
 Concen: 91.28 ng/mL
 RT: 42.957 min Scan# 2849
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

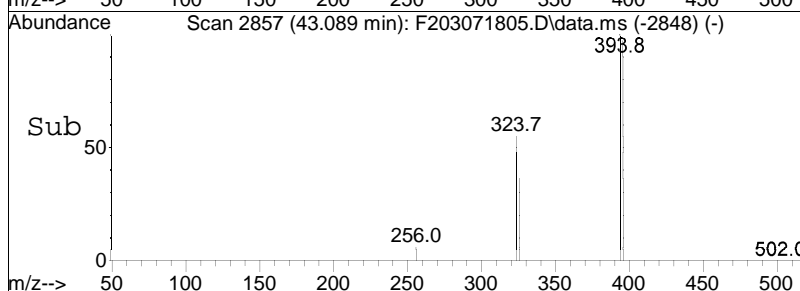
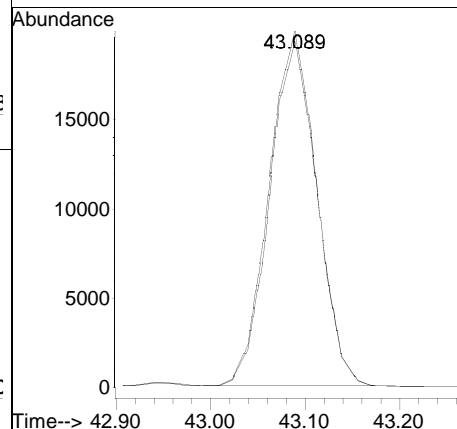
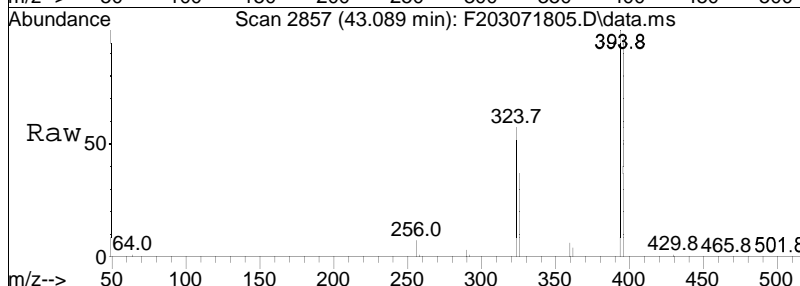
Tgt Ion: 428 Resp: 68594
 Ion Ratio Lower Upper
 428 100
 430 112.2 89.4 134.2

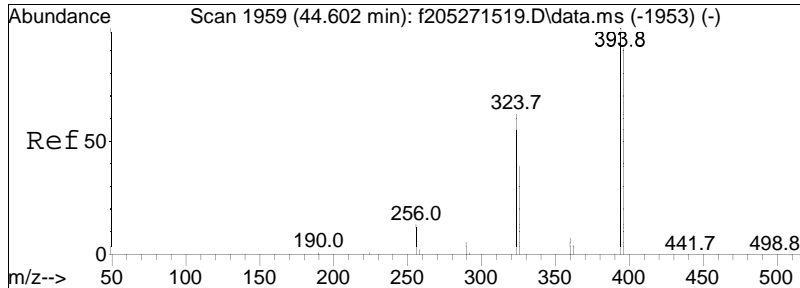




#178
 Cl7-BZ#181
 Concen: 92.85 ng/mL
 RT: 43.089 min Scan# 2857
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

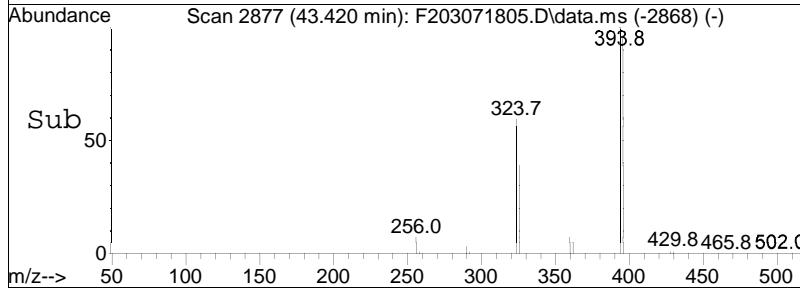
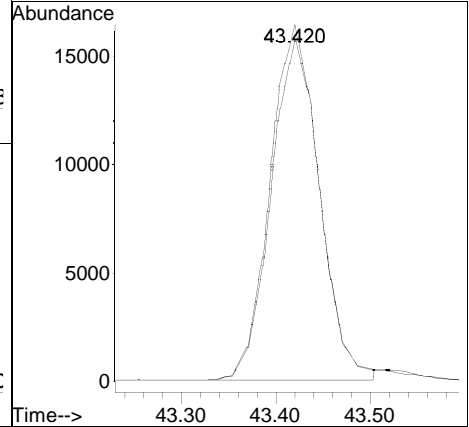
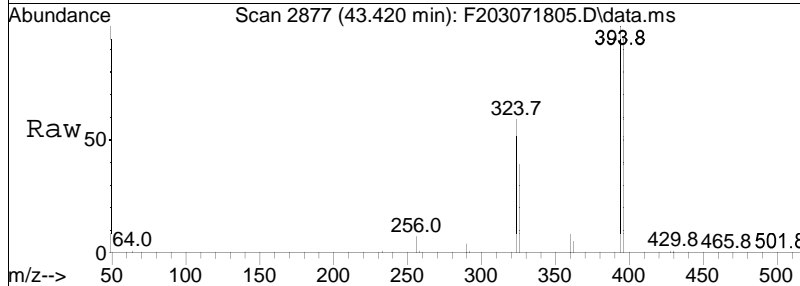
Tgt Ion: 394 Resp: 69315
 Ion Ratio Lower Upper
 394 100
 396 96.8 75.3 112.9

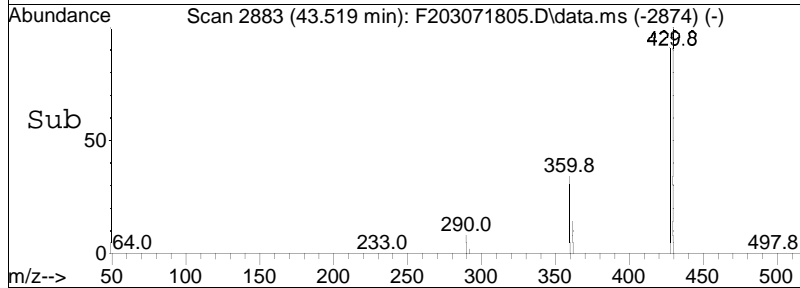
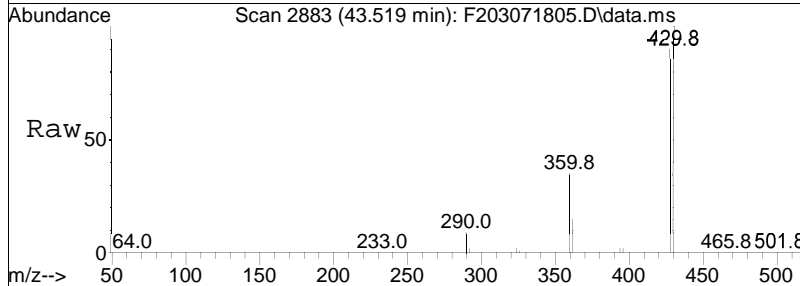
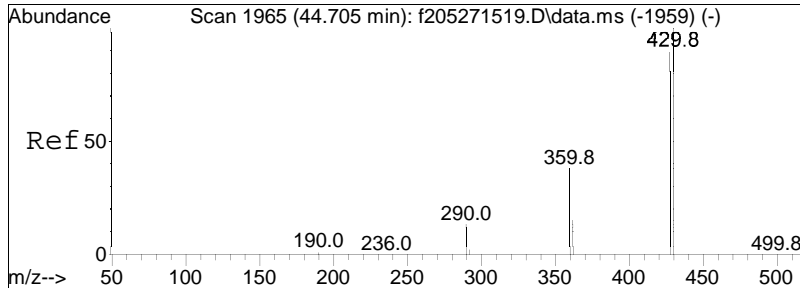




#179
 Cl7-BZ#177
 Concen: 91.02 ng/mL
 RT: 43.420 min Scan# 2877
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

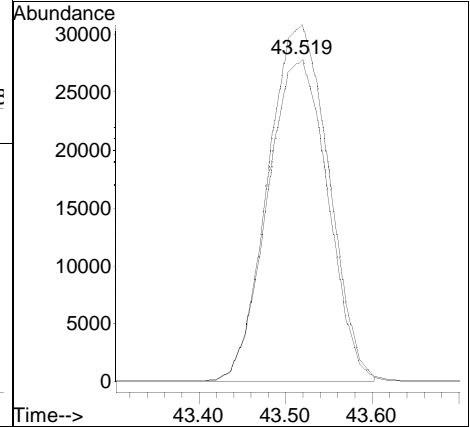
Tgt Ion: 394 Resp: 58917
 Ion Ratio Lower Upper
 394 100
 396 95.9 77.8 116.6

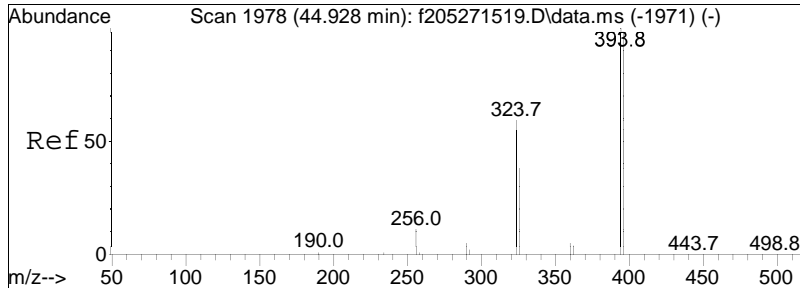




#180
 C18-BZ#204/#200-Cal
 Concen: 181.24 ng/mL
 RT: 43.519 min Scan# 2883
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

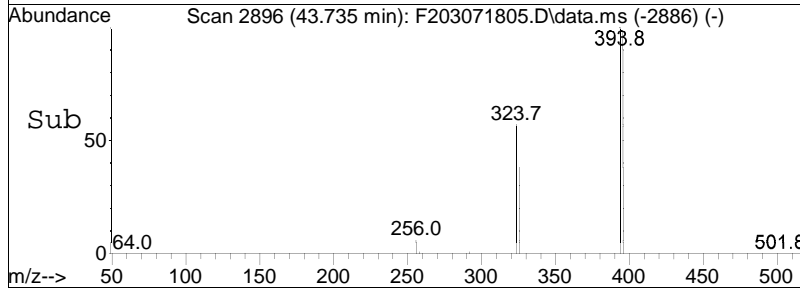
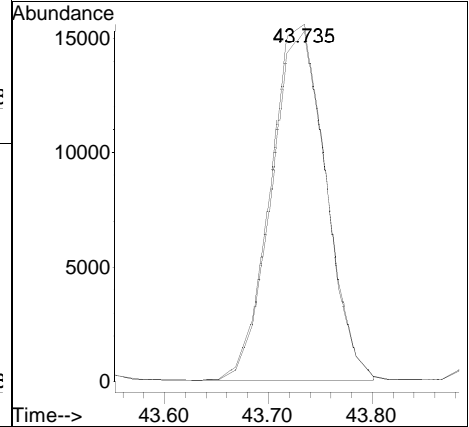
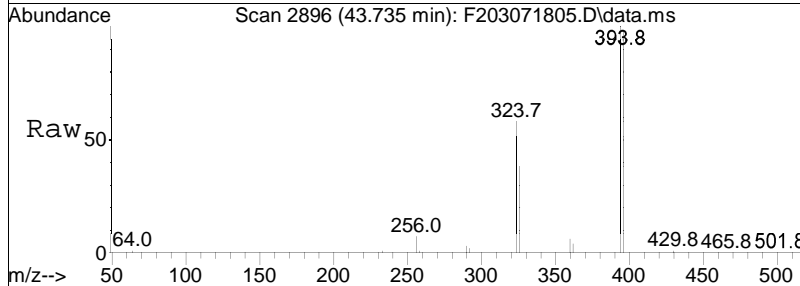
Tgt Ion	Resp	Lower	Upper
428	133744		
428	100		
430	111.2	89.8	134.6

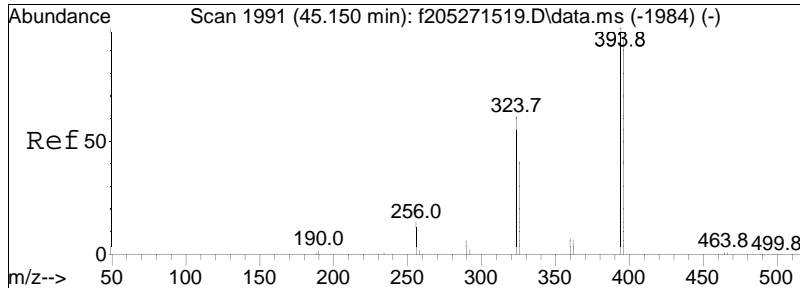




#183
 C17-BZ#171
 Concen: 90.25 ng/mL
 RT: 43.735 min Scan# 2896
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

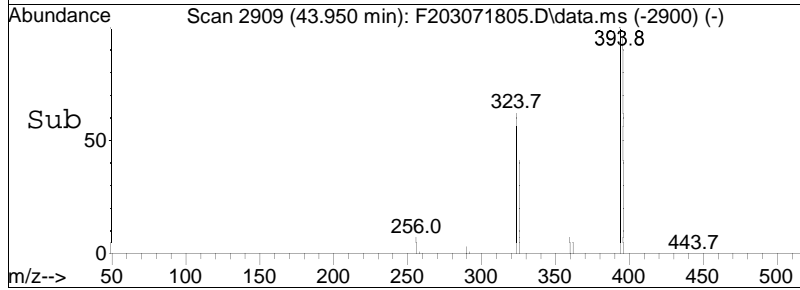
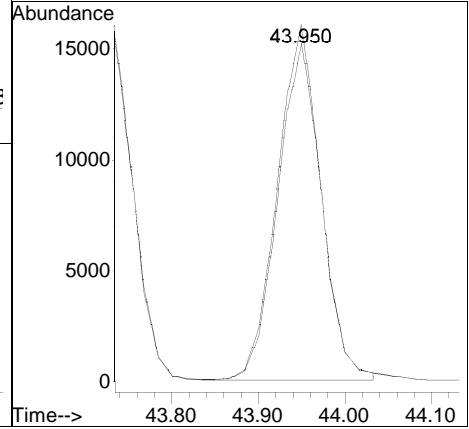
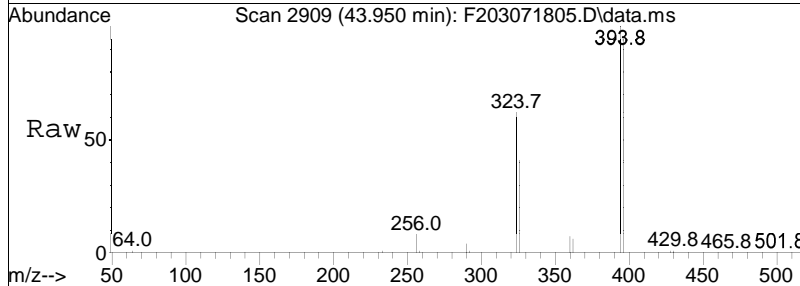
Tgt Ion: 394 Resp: 57213
 Ion Ratio Lower Upper
 394 100
 396 96.8 75.4 113.0

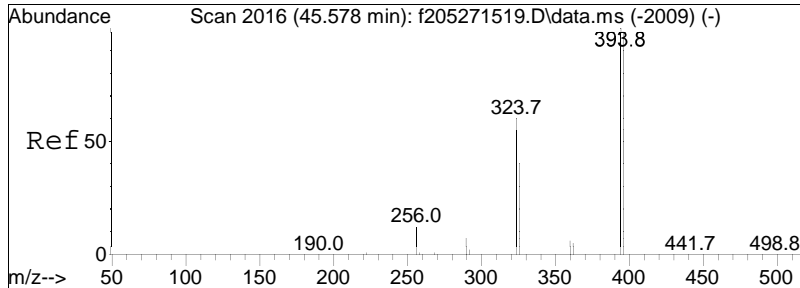




#184
 C17-BZ#173
 Concen: 88.98 ng/mL
 RT: 43.950 min Scan# 2909
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

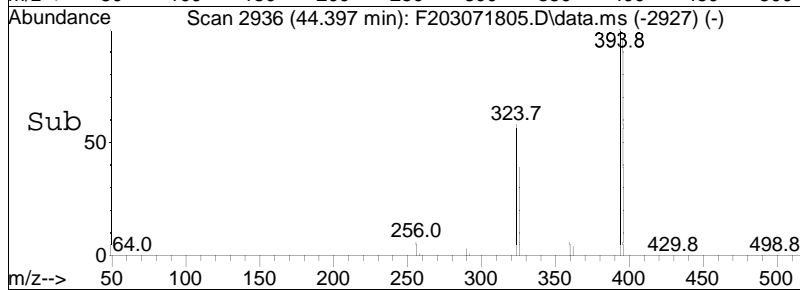
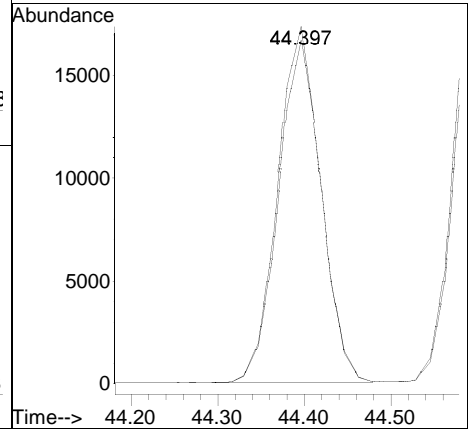
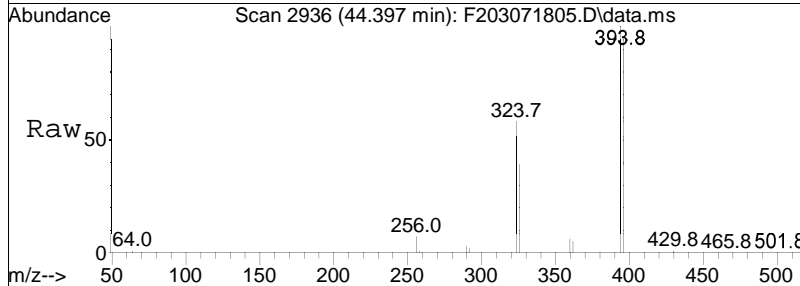
Tgt Ion: 394 Resp: 55580
 Ion Ratio Lower Upper
 394 100
 396 95.1 76.3 114.5

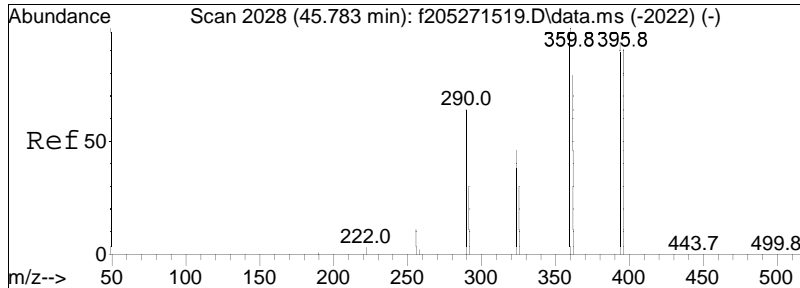




#185
 C17-BZ#172
 Concen: 88.91 ng/mL
 RT: 44.397 min Scan# 2936
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

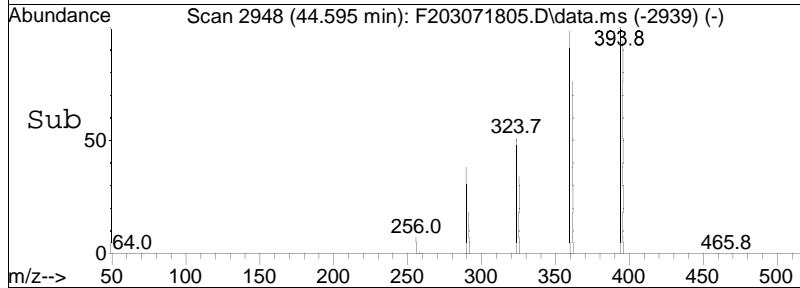
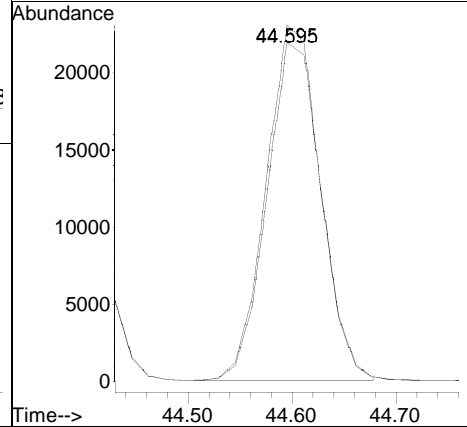
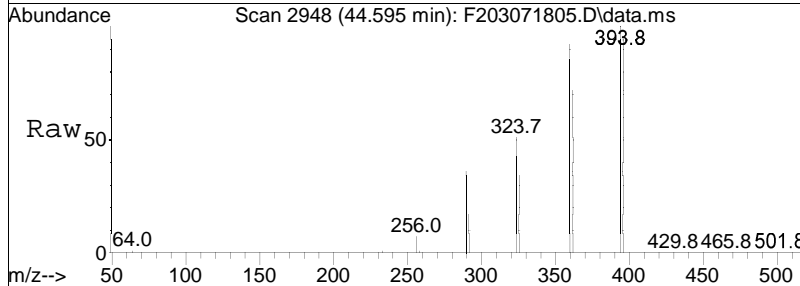
Tgt Ion: 394 Resp: 59710
 Ion Ratio Lower Upper
 394 100
 396 96.2 75.4 113.2

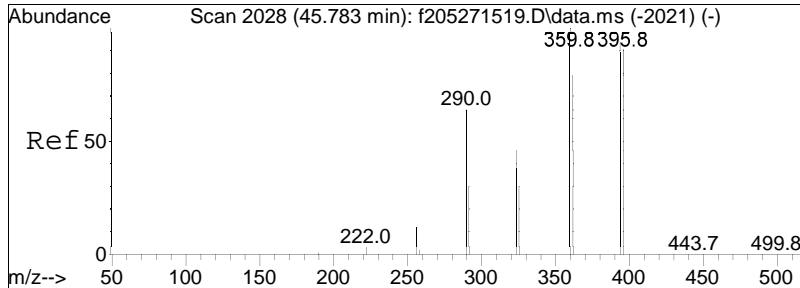




#186
 Cl7-BZ#192
 Concen: 90.03 ng/mL
 RT: 44.595 min Scan# 2948
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

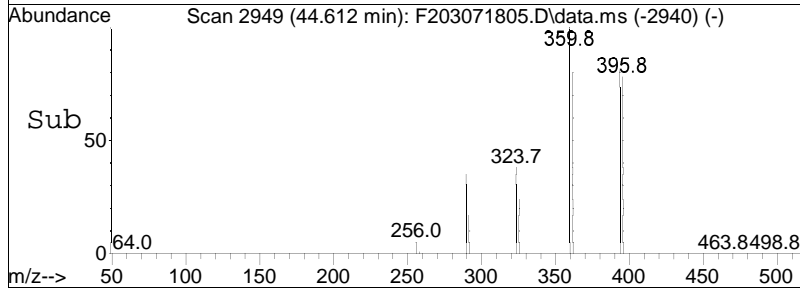
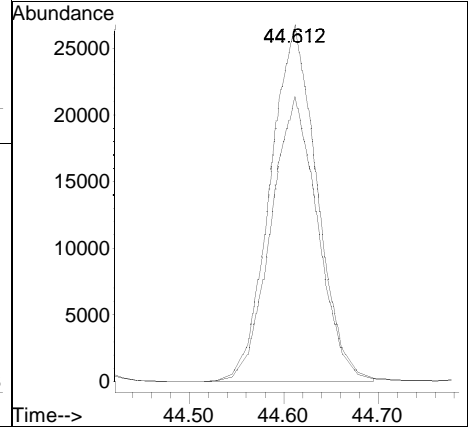
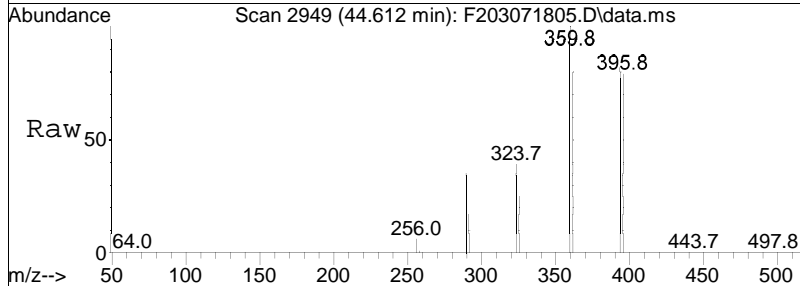
Tgt Ion: 394 Resp: 82815
 Ion Ratio Lower Upper
 394 100
 396 95.7 76.9 115.3

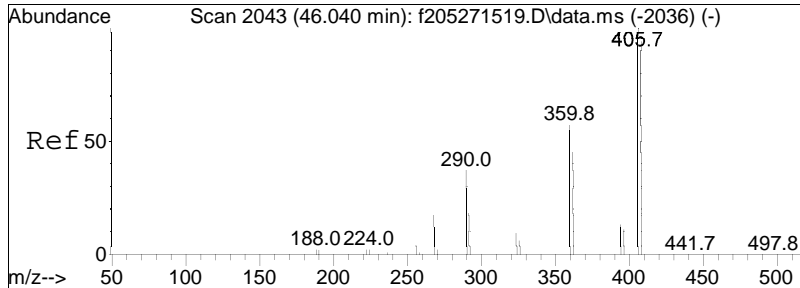




#187
 Cl6-BZ#156
 Concen: 89.92 ng/mL
 RT: 44.612 min Scan# 2949
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

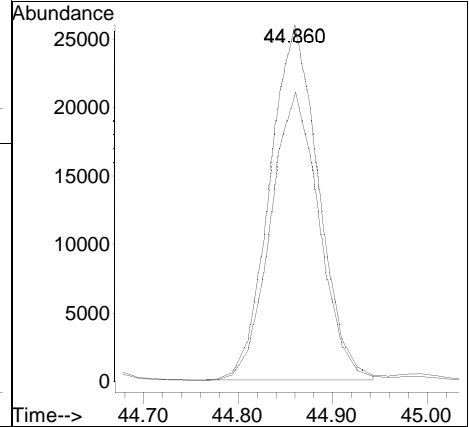
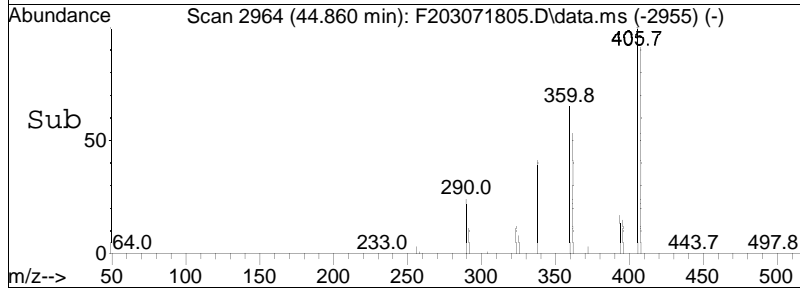
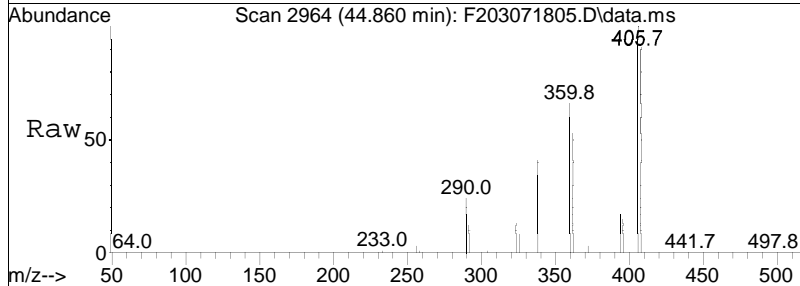
Tgt Ion: 360 Resp: 91319
 Ion Ratio Lower Upper
 360 100
 362 79.8 63.4 95.2

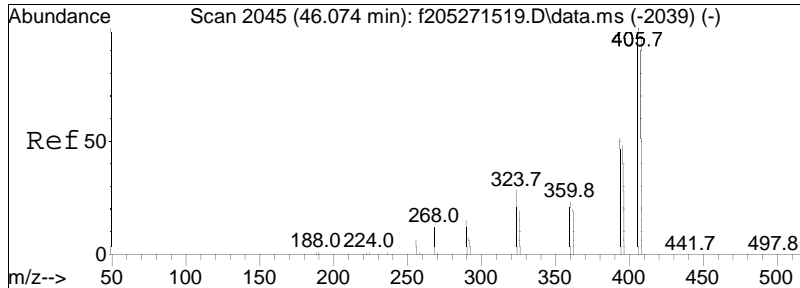




#188
 Cl6-BZ#157
 Concen: 88.48 ng/mL
 RT: 44.860 min Scan# 2964
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

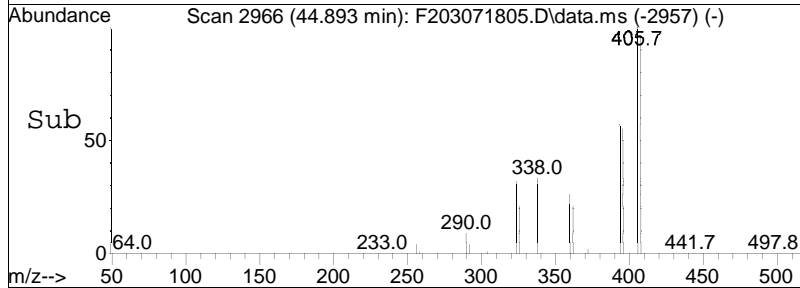
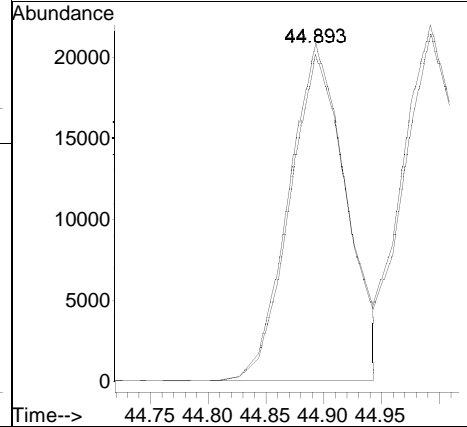
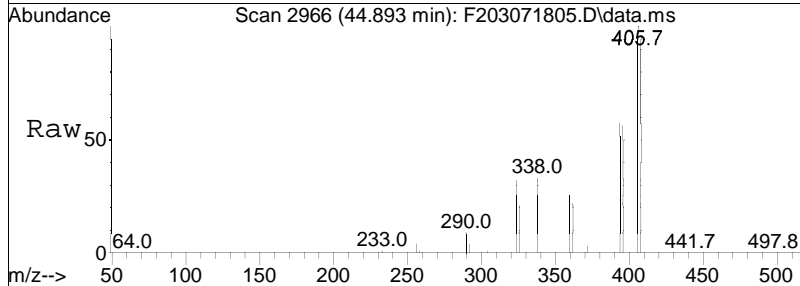
Tgt Ion:	360	Resp:	92819
Ion Ratio	Lower	Upper	
360	100		
362	80.9	62.6	93.8

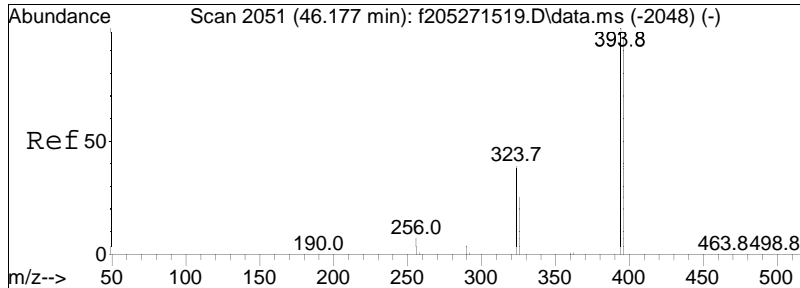




#189
 C17-BZ#180
 Concen: 89.53 ng/mL
 RT: 44.893 min Scan# 2966
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

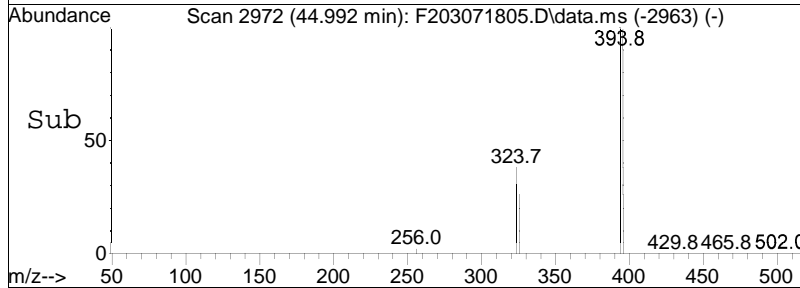
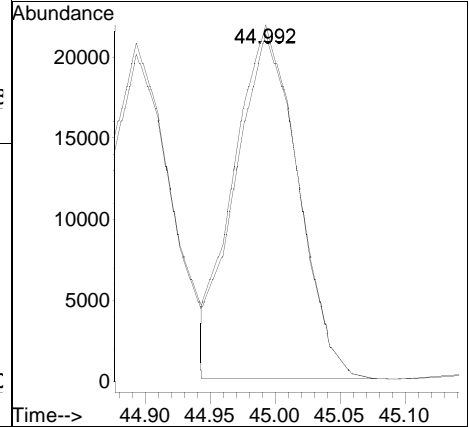
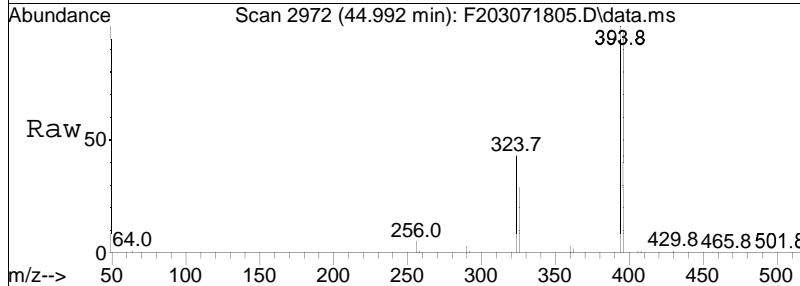
Tgt Ion: 394 Resp: 73146
 Ion Ratio Lower Upper
 394 100
 396 95.6 74.2 111.2

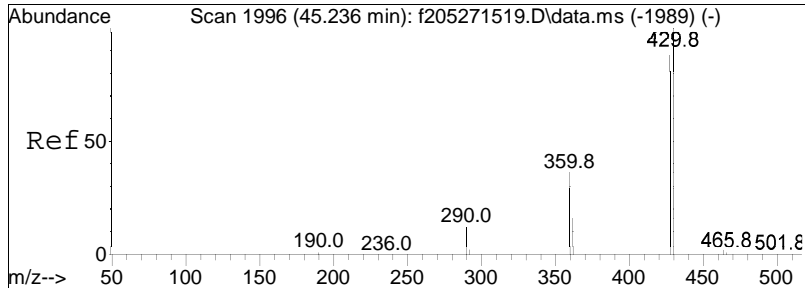




#190
 C17-BZ#193
 Concen: 87.45 ng/mL
 RT: 44.992 min Scan# 2972
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

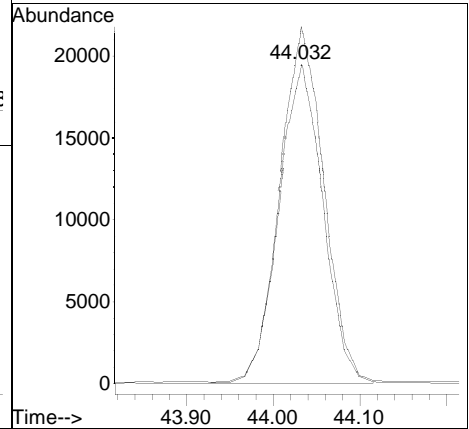
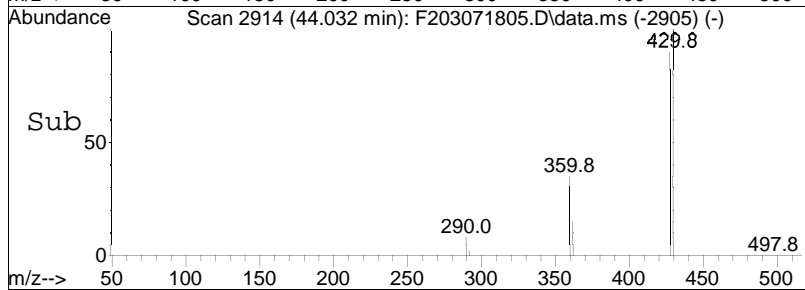
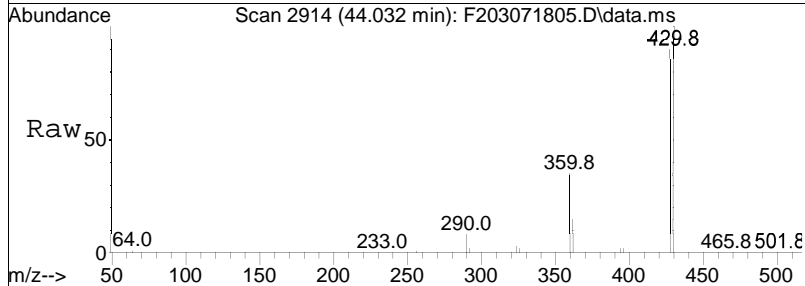
Tgt Ion: 394 Resp: 73528
 Ion Ratio Lower Upper
 394 100
 396 96.5 76.3 114.5

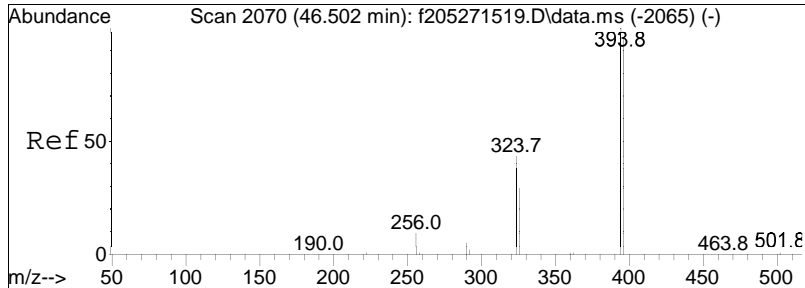




#191
 Cl8-BZ#197
 Concen: 90.49 ng/mL
 RT: 44.032 min Scan# 2914
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

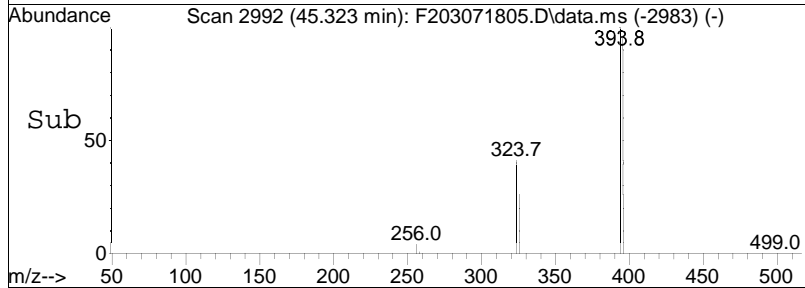
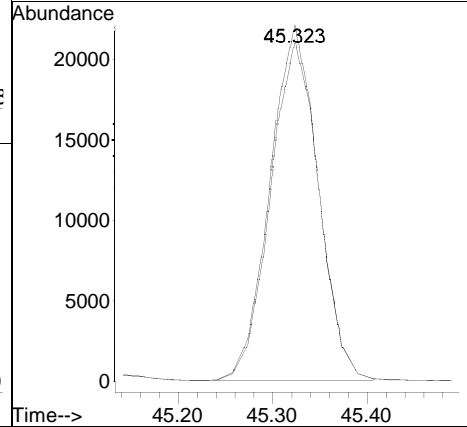
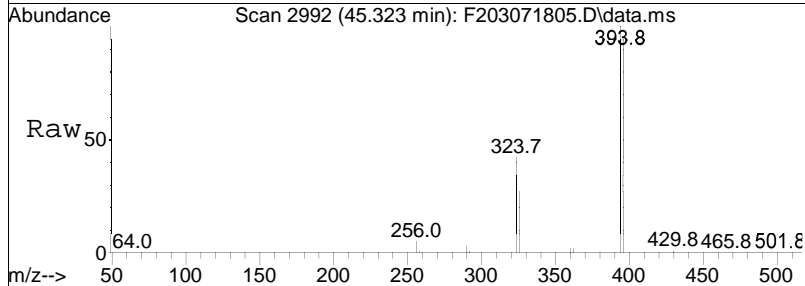
Tgt Ion: 428 Resp: 68161
 Ion Ratio Lower Upper
 428 100
 430 111.2 88.4 132.6

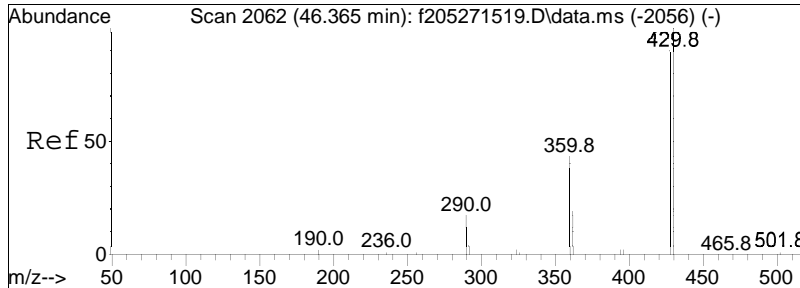




#192
 C17-BZ#191
 Concen: 88.91 ng/mL
 RT: 45.323 min Scan# 2992
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

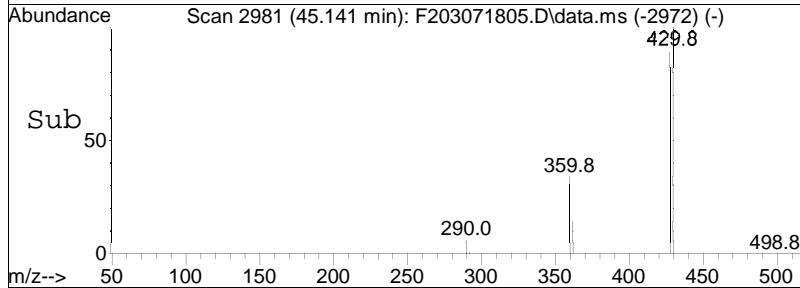
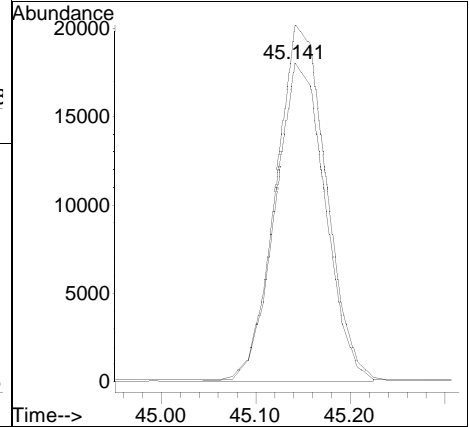
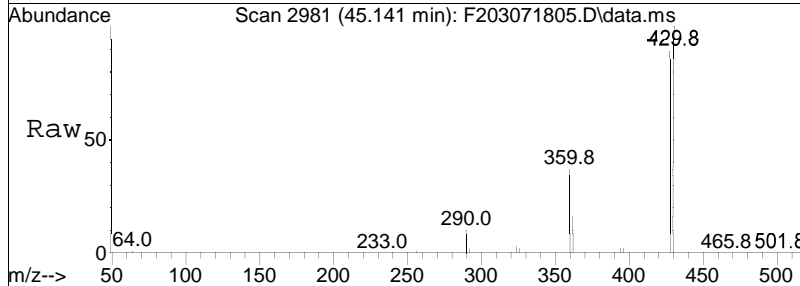
Tgt Ion: 394 Resp: 77630
 Ion Ratio Lower Upper
 394 100
 396 96.2 74.6 111.8

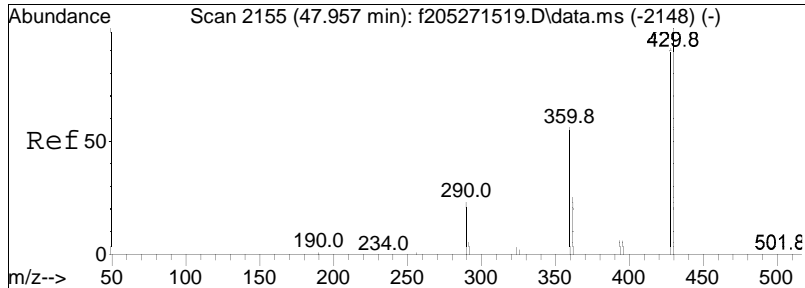




#193
 Cl8-BZ#199
 Concen: 87.57 ng/mL
 RT: 45.141 min Scan# 2981
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

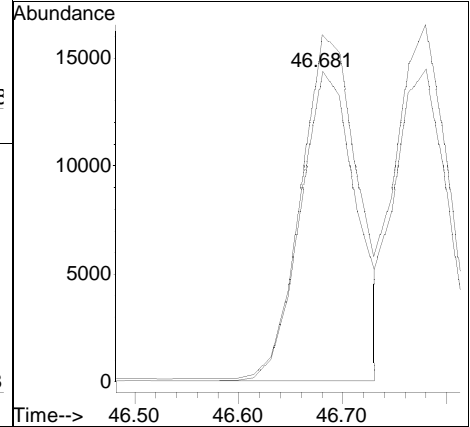
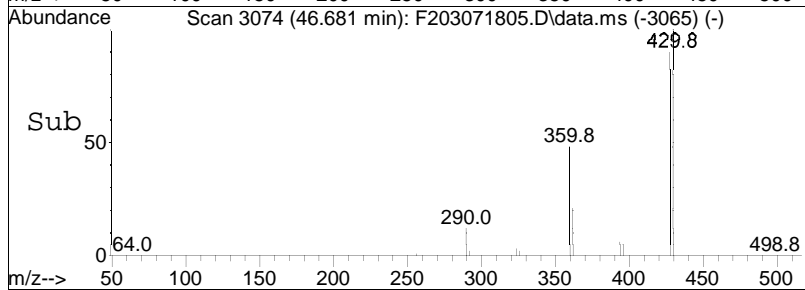
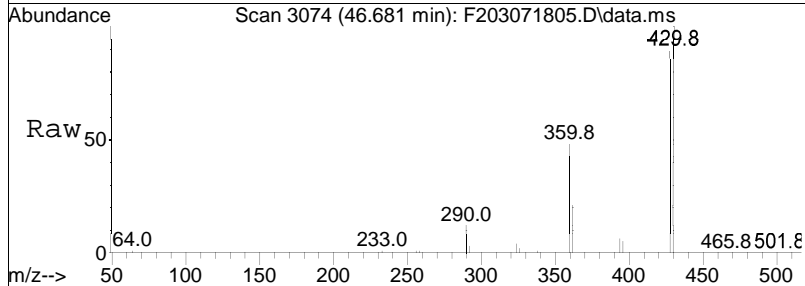
Tgt Ion: 428 Resp: 65544
 Ion Ratio Lower Upper
 428 100
 430 112.1 90.5 135.7

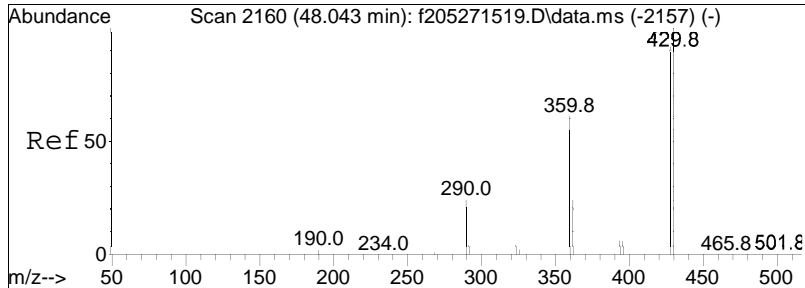




#194
 Cl8-BZ#198
 Concen: 85.91 ng/mL
 RT: 46.681 min Scan# 3074
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

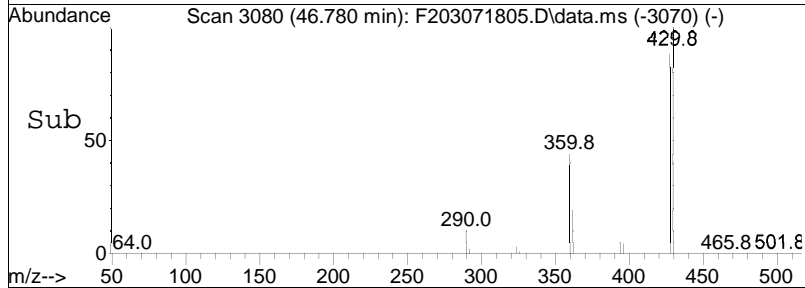
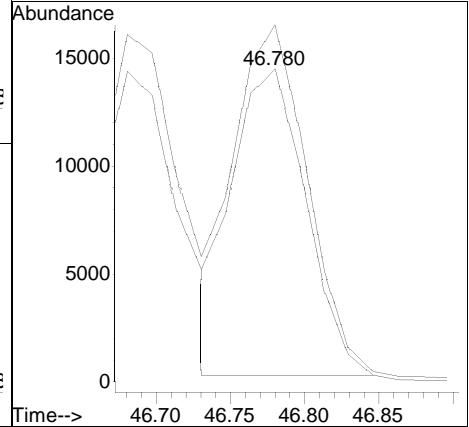
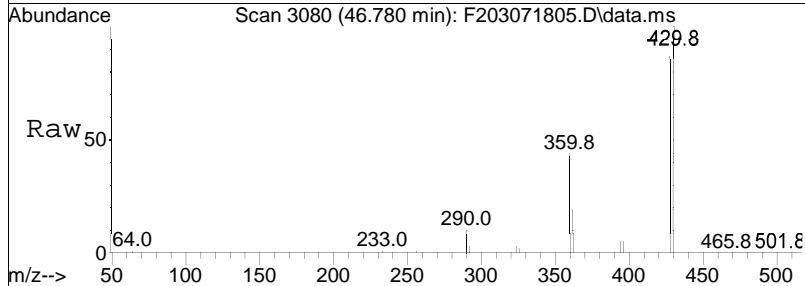
Tgt Ion: 428 Resp: 54568
 Ion Ratio Lower Upper
 428 100
 430 111.6 90.0 135.0

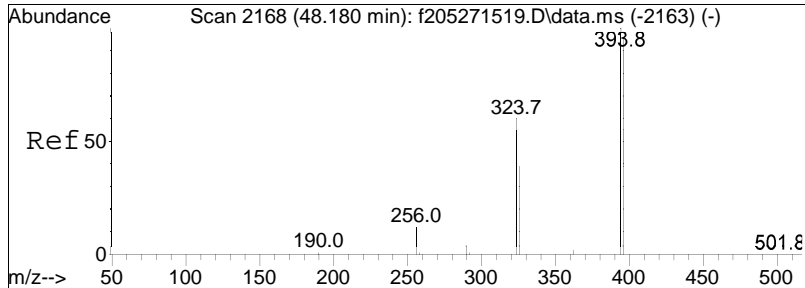




#195
 Cl8-BZ#201
 Concen: 89.21 ng/mL
 RT: 46.780 min Scan# 3080
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

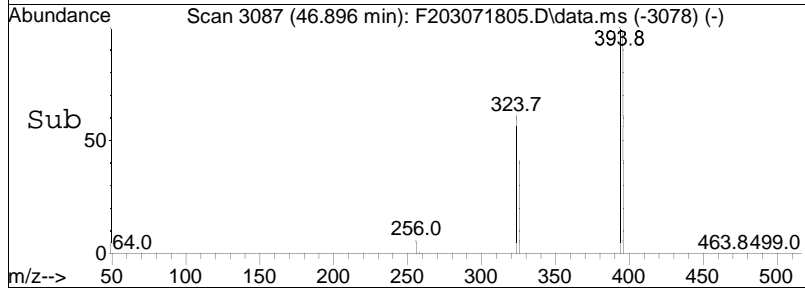
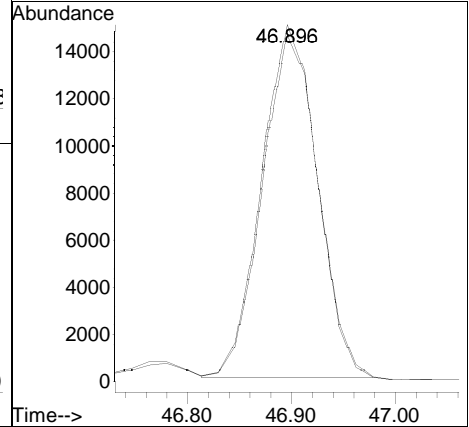
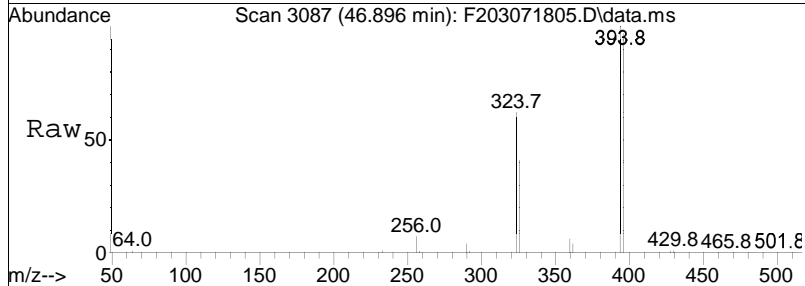
Tgt Ion: 428 Resp: 48908
 Ion Ratio Lower Upper
 428 100
 430 112.2 91.3 136.9

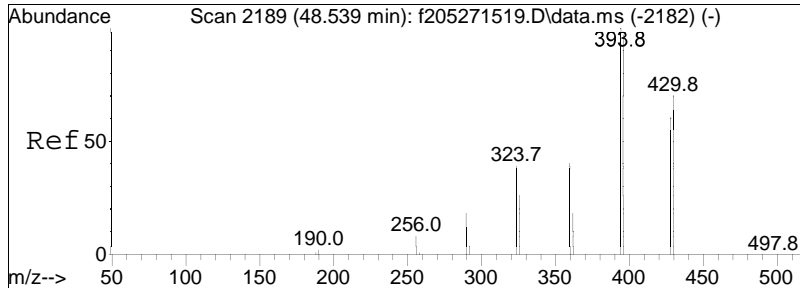




#196
 C17-BZ#170
 Concen: 87.39 ng/mL
 RT: 46.896 min Scan# 3087
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

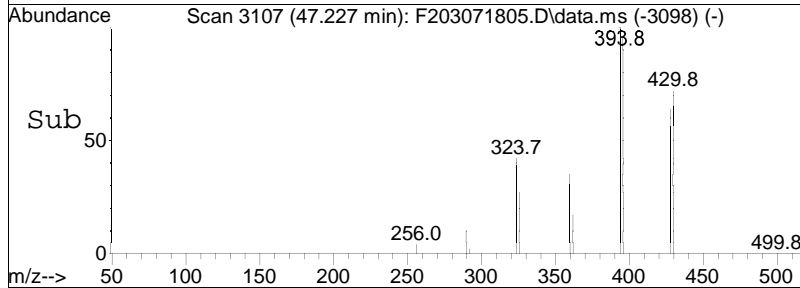
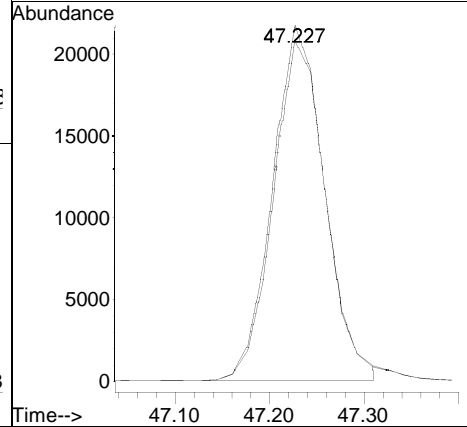
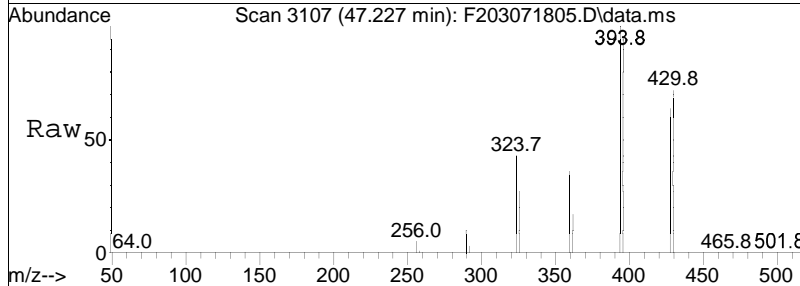
Tgt Ion: 394 Resp: 55282
 Ion Ratio Lower Upper
 394 100
 396 97.2 80.2 120.4

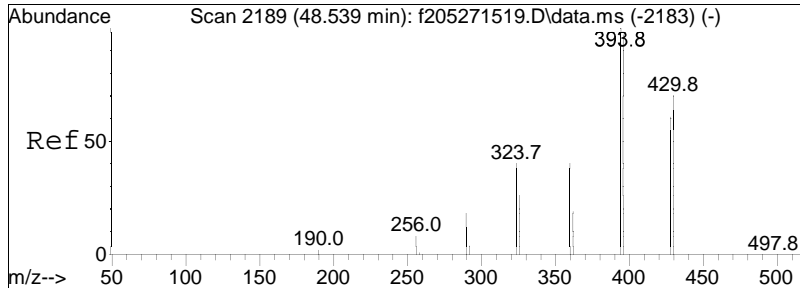




#197
 C17-BZ#190
 Concen: 89.73 ng/mL
 RT: 47.227 min Scan# 3107
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

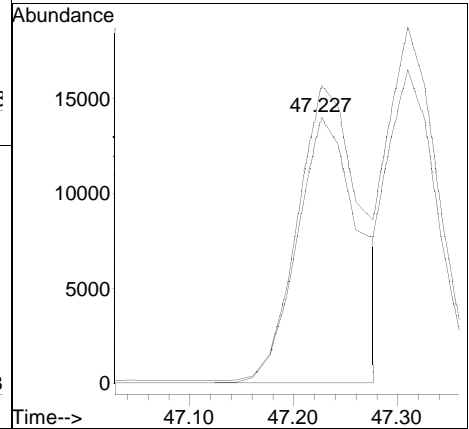
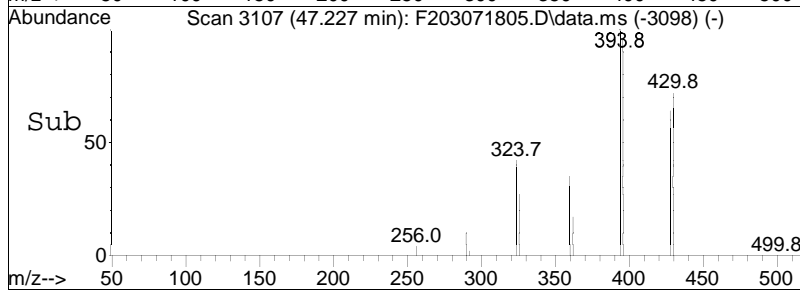
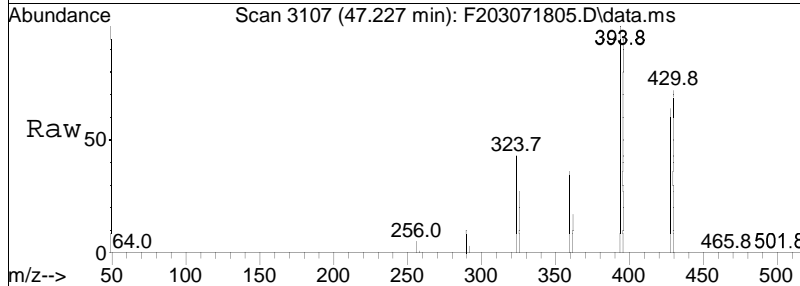
Tgt Ion: 394 Resp: 82614
 Ion Ratio Lower Upper
 394 100
 396 96.2 78.9 118.3

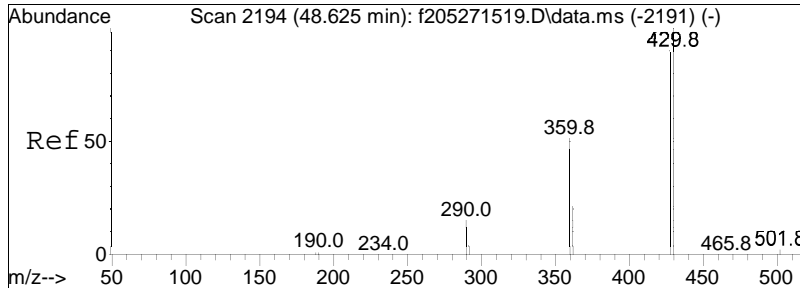




#198
 Cl8-BZ#196
 Concen: 97.53 ng/mL
 RT: 47.227 min Scan# 3107
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

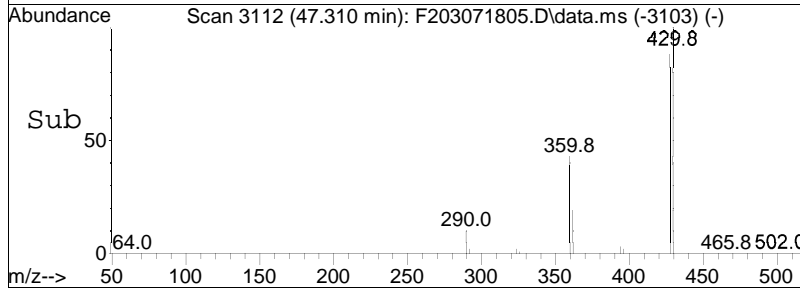
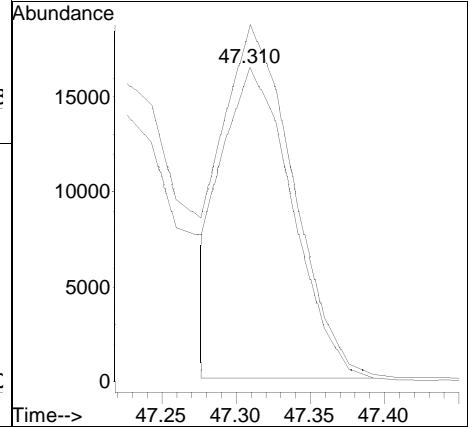
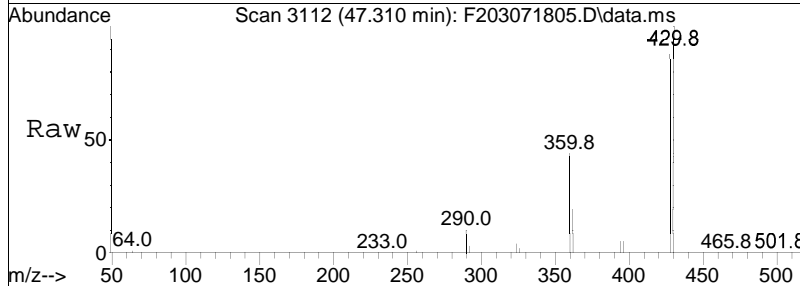
Tgt Ion: 428 Resp: 57983
 Ion Ratio Lower Upper
 428 100
 430 111.6 90.2 135.2

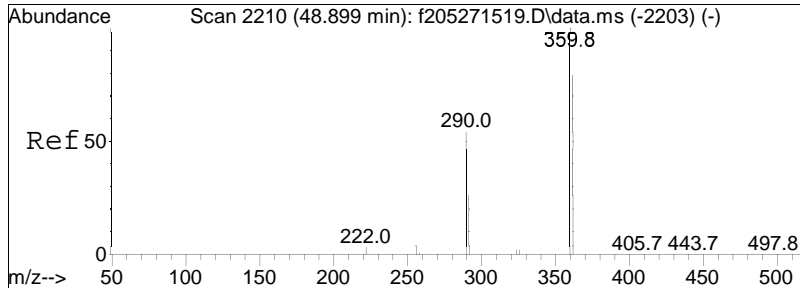




#199
 C18-BZ#203
 Concen: 81.76 ng/mL
 RT: 47.310 min Scan# 3112
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

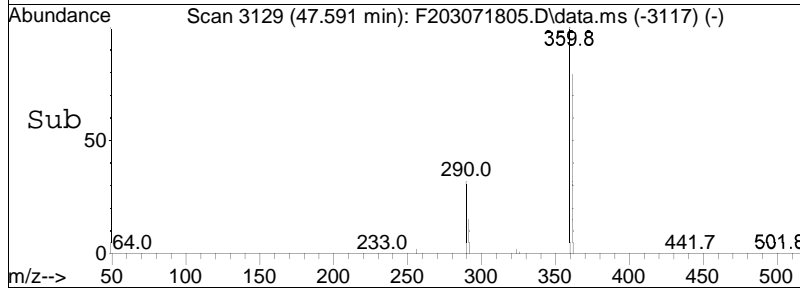
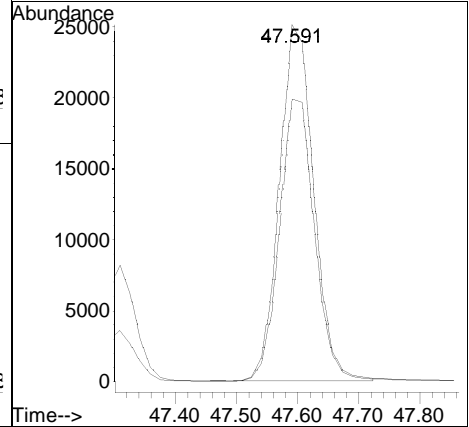
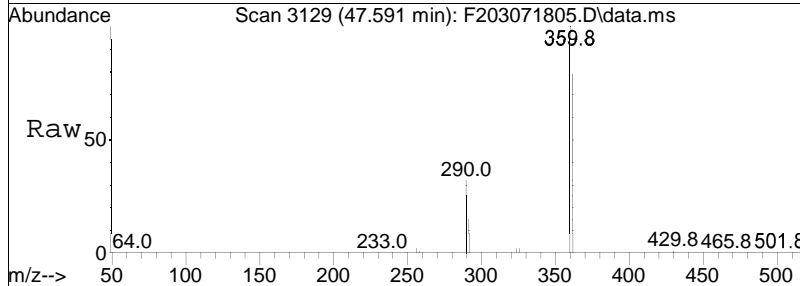
Tgt Ion: 428 Resp: 52518
 Ion Ratio Lower Upper
 428 100
 430 112.3 90.0 135.0

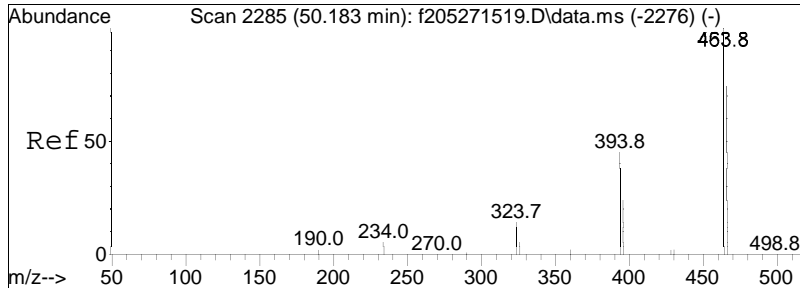




#200
 Cl6-BZ#169-RTW
 Concen: 86.92 ng/mL
 RT: 47.591 min Scan# 3129
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

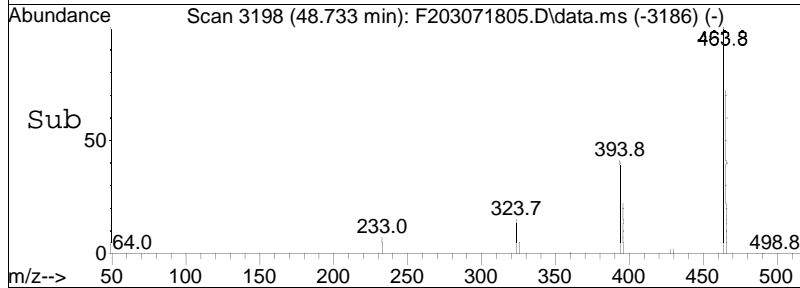
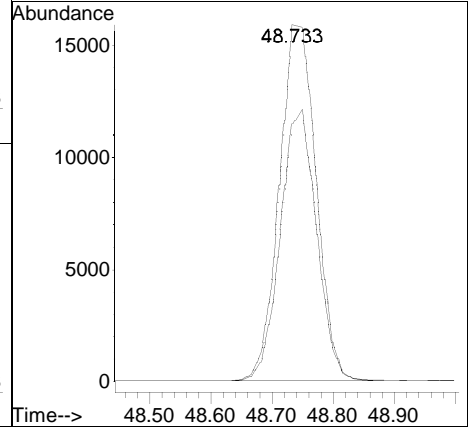
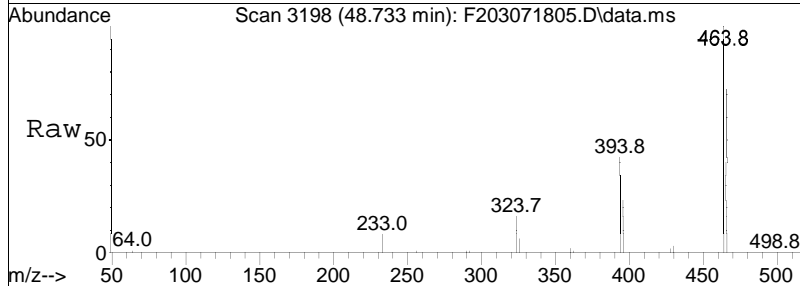
Tgt Ion: 360 Resp: 97505
 Ion Ratio Lower Upper
 360 100
 362 80.5 65.0 97.4

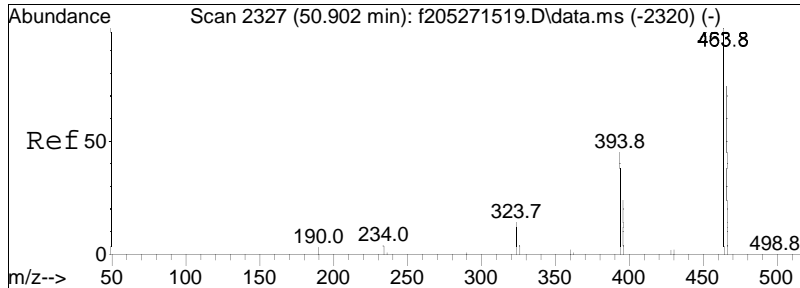




#201
 C19-BZ#208-RTW
 Concen: 83.31 ng/mL
 RT: 48.733 min Scan# 3198
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

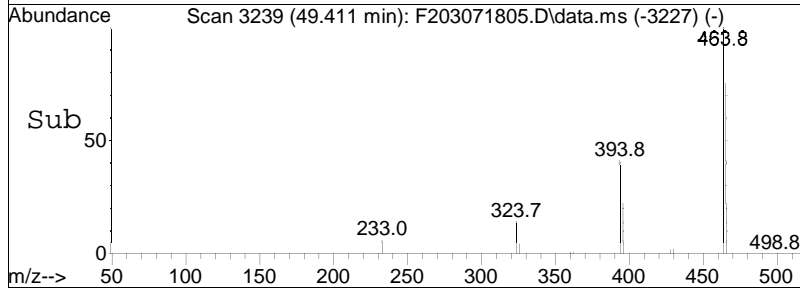
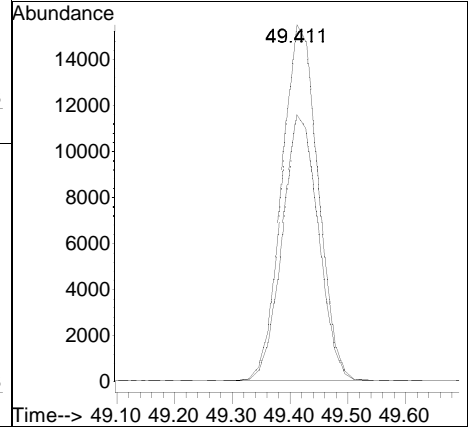
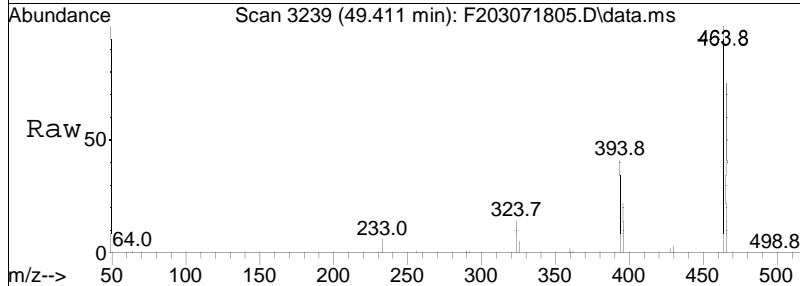
Tgt Ion: 464 Resp: 66172
 Ion Ratio Lower Upper
 464 100
 466 74.7 60.3 90.5

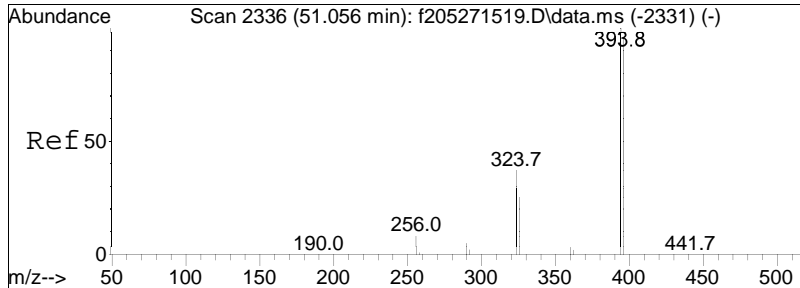




#202
 C19-BZ#207
 Concen: 86.93 ng/mL
 RT: 49.411 min Scan# 3239
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

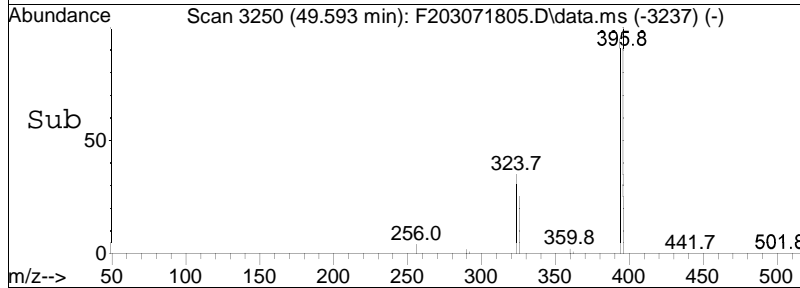
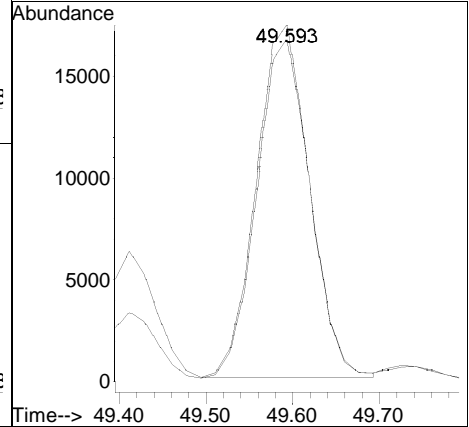
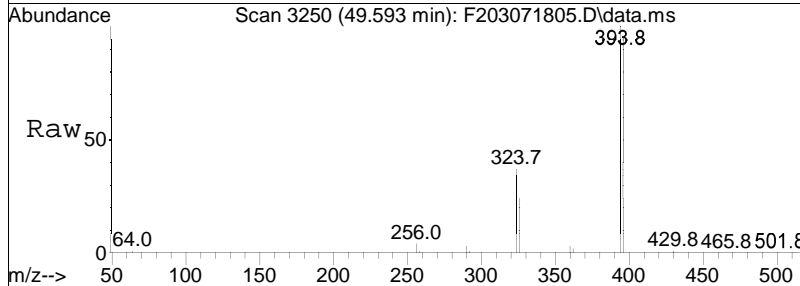
Tgt Ion: 464 Resp: 67391
 Ion Ratio Lower Upper
 464 100
 466 74.2 61.9 92.9

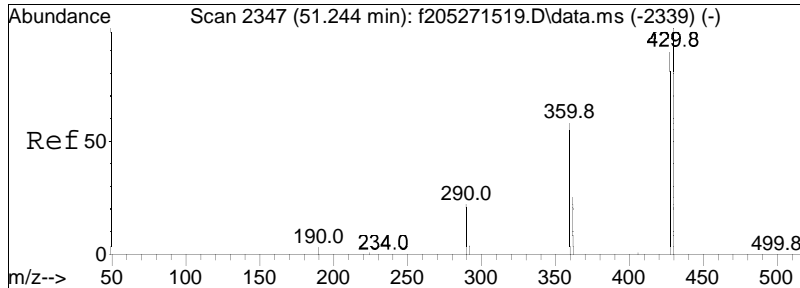




#203
 C17-BZ#189-RTW
 Concen: 87.51 ng/mL
 RT: 49.593 min Scan# 3250
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

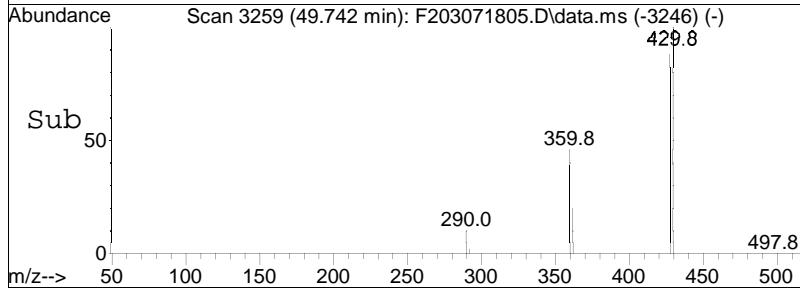
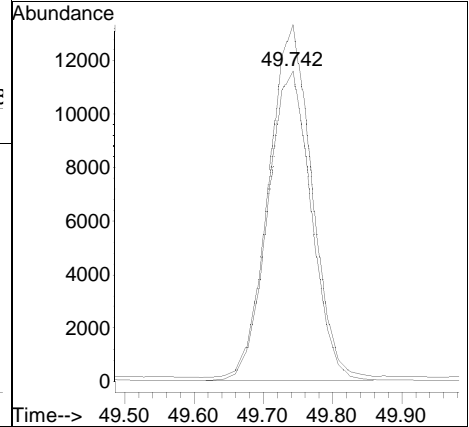
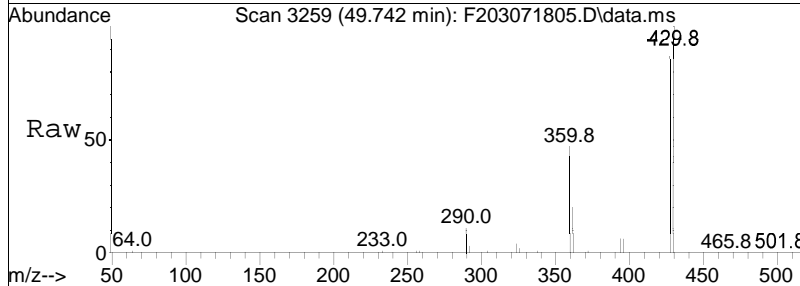
Tgt Ion: 394 Resp: 73347
 Ion Ratio Lower Upper
 394 100
 396 96.7 76.4 114.6

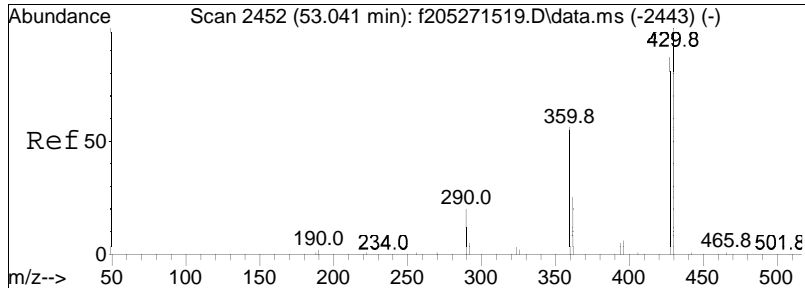




#204
 Cl8-BZ#195
 Concen: 85.82 ng/mL
 RT: 49.742 min Scan# 3259
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

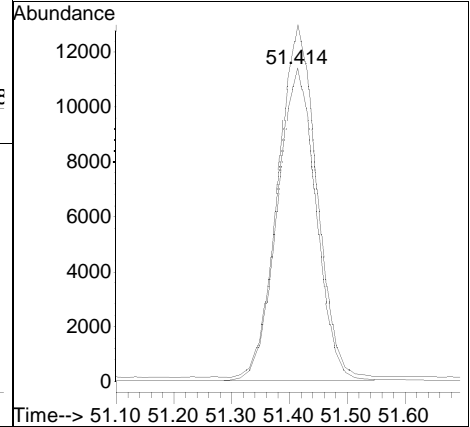
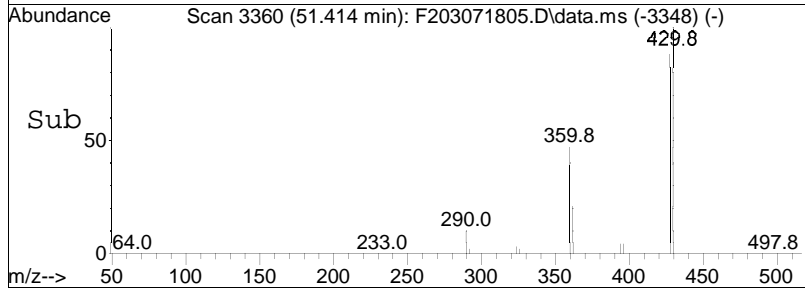
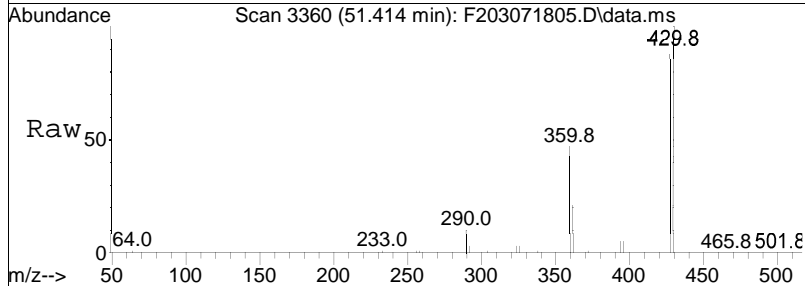
Tgt Ion	Resp	Lower	Upper
428	50141		
428	100		
430	112.3	93.8	140.8

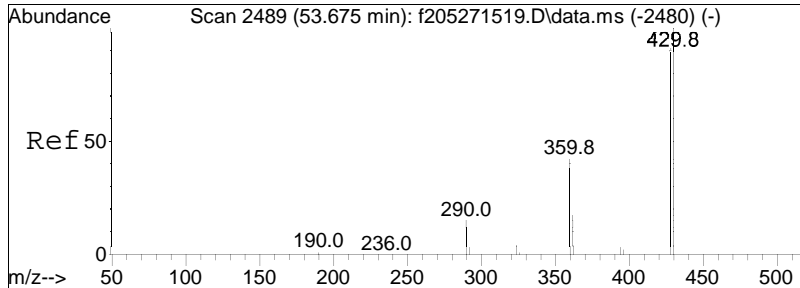




#205
 Cl8-BZ#194
 Concen: 84.05 ng/mL
 RT: 51.414 min Scan# 3360
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

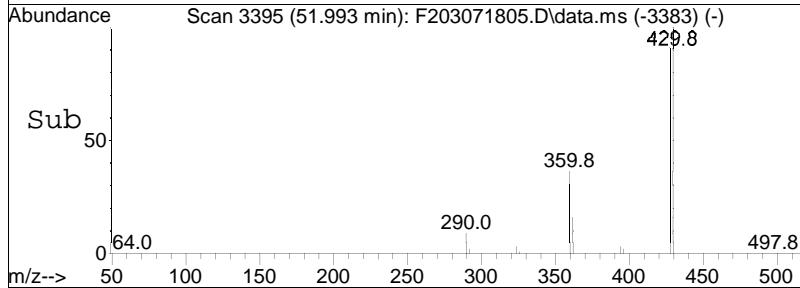
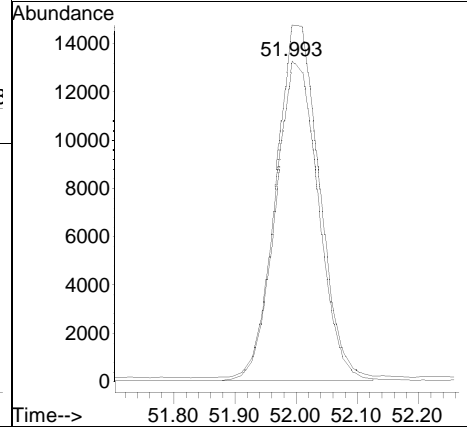
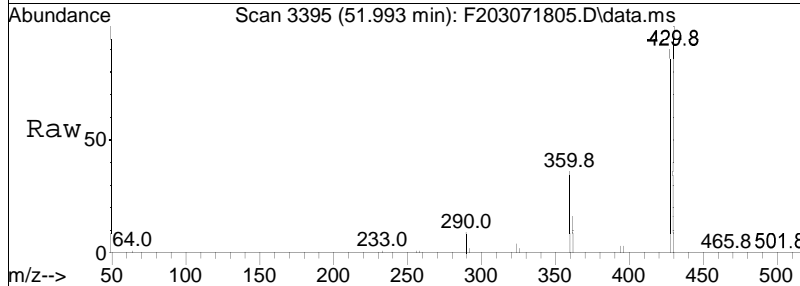
Tgt Ion: 428 Resp: 52570
 Ion Ratio Lower Upper
 428 100
 430 111.9 92.2 138.2

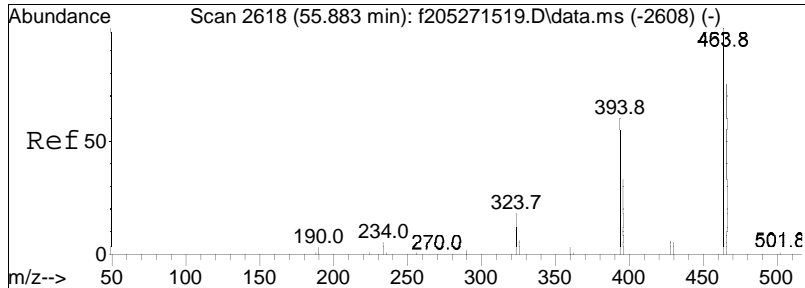




#206
 Cl8-BZ#205-RTW
 Concen: 83.73 ng/mL
 RT: 51.993 min Scan# 3395
 Delta R.T. 0.000 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

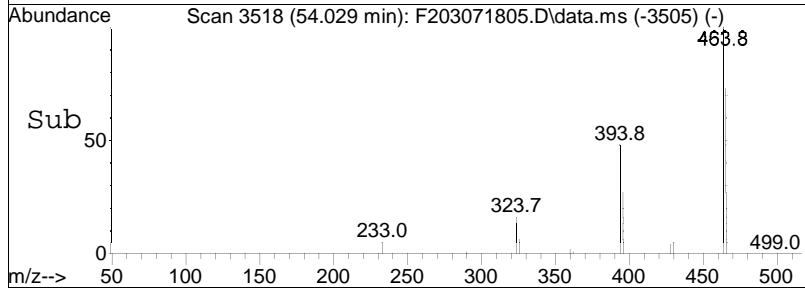
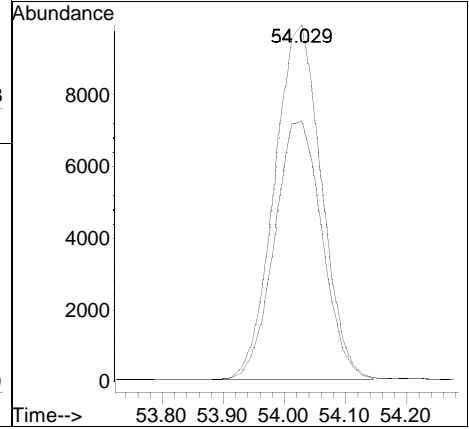
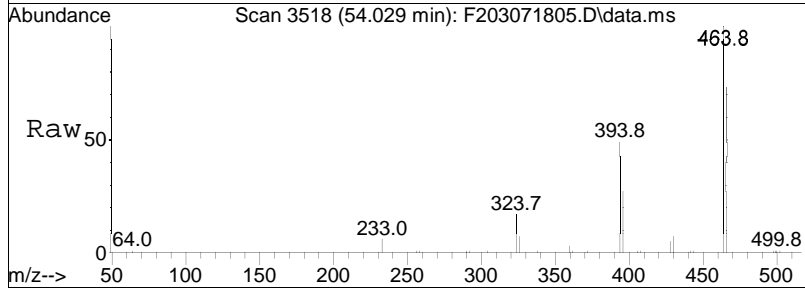
Tgt Ion: 428 Resp: 64185
 Ion Ratio Lower Upper
 428 100
 430 111.6 91.3 136.9

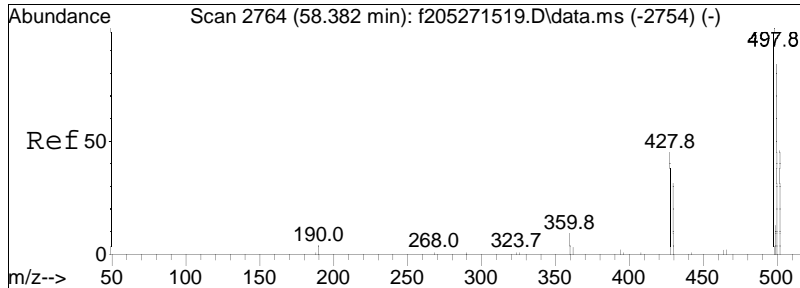




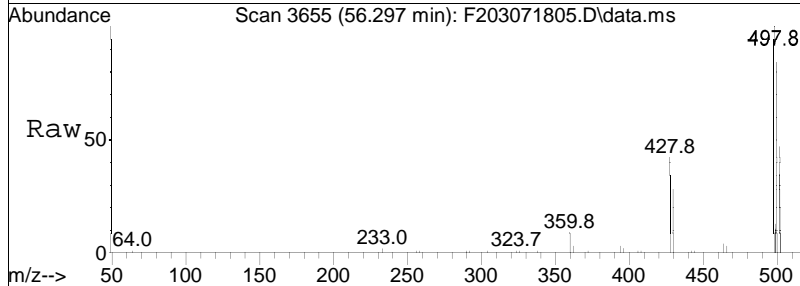
#207
 C19-BZ#206-Cal/RTW
 Concen: 82.78 ng/mL
 RT: 54.029 min Scan# 3518
 Delta R.T. 0.017 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm

Tgt Ion: 464 Resp: 52908
 Ion Ratio Lower Upper
 464 100
 466 73.9 60.2 90.2

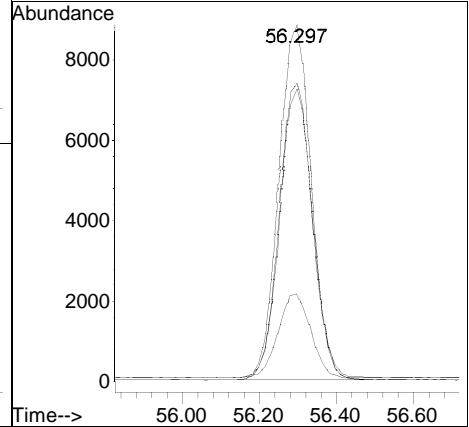
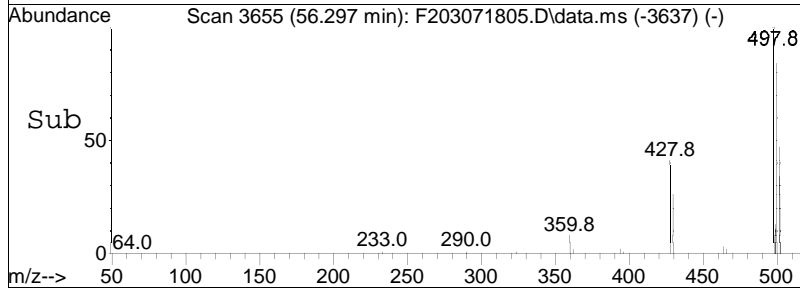




#210
 Cl10-BZ#209-Cal/RTW
 Concen: 81.64 ng/mL
 RT: 56.297 min Scan# 3655
 Delta R.T. 0.001 min
 Lab File: F203071805.D
 Acq: 7 Mar 2018 3:13 pm



Tgt Ion	Resp	Lower	Upper
498	100		
500	84.3	66.9	100.3
499	23.8	10.8	16.2#
502	81.9	38.5	57.7#



LCS Duplicate Raw Data

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071806.D
 Acq On : 7 Mar 2018 4:27 pm
 Operator : BNA2:MJS
 Sample : WG1094741-3,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 09 12:25:23 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) C12-BZ#15-C13	23.863	234	385904	200.000	ng/mL	0.00	
122) C17-BZ#180-C13	44.876	406	202474	200.000	ng/mL	0.00	
System Monitoring Compounds							
2) C13-BZ#19-C13 (surr)	20.944	268	53459	78.778	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	78.78%			
93) C15-BZ#101-C13 (surr)	33.192	338	87530	88.247	ng/mL	0.02	
Spiked Amount	100.000	Range 50 - 125	Recovery =	88.25%			
151) C16-BZ#153-C13 (surr)	38.719	372	93322	100.280	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	100.28%			
177) C18-BZ#202-C13 (surr)	42.923	442	85181	89.329	ng/mL	0.00	
Spiked Amount	100.000	Range 50 - 125	Recovery =	89.33%			
Target Compounds							
3) C11-BZ#1-Cal/RTW	14.543	188	138780	78.034	ng/mL	99	Qvalue
4) Monochlorobiphenyls	0.000		0	N.D.	d		
5) C11- conf Ion	0.000		0	N.D.	d		
6) C11-BZ#2	16.626	188	142704	76.261	ng/mL	100	
7) C11-BZ#3-RTW	17.084	188	141738	77.150	ng/mL	98	
8) C12-BZ#4/#10-RTW	17.510	222	167720	156.111	ng/mL	99	
9) C12-BZ#9	19.071	222	105423	76.300	ng/mL	100	
10) C12-BZ#7	19.159	222	105581	78.422	ng/mL	98	
11) C12-BZ#6	19.593	222	112639	75.984	ng/mL	98	
12) C12-BZ#5	20.036	222	102010	75.743	ng/mL	99	
13) C12-BZ#8	20.180	222	117307	76.604	ng/mL	100	
14) Dichlorobiphenyls	0.000		0	N.D.	d		
15) C12-Conf Ion	0.000		0	N.D.	d		
16) C13-BZ#19-RTW	20.960	256	57056	75.431	ng/mL	99	
17) C12-BZ#14	21.105	222	112740	76.280	ng/mL	97	
18) C13-BZ#30	21.515	256	92132	76.313	ng/mL	99	
19) C13-BZ#18	22.327	256	62345	74.193	ng/mL	100	
20) C12-BZ#11	22.456	222	123024	77.559	ng/mL	99	
21) C13-BZ#17	22.537	256	59482	76.021	ng/mL	99	
22) C12-BZ#12	22.850	222	107783	76.814	ng/mL	98	
23) C13-BZ#27	22.898	256	82965	76.555	ng/mL	98	
24) C12-BZ#13	23.148	222	123800	76.576	ng/mL	99	
25) C13-BZ#24	23.172	256	85770	76.985	ng/mL	98	
26) C13-BZ#16	23.510	256	51228	74.932	ng/mL	96	
27) C13-BZ#32	23.711	256	90761	75.864	ng/mL	98	
28) C12-BZ#15-RTW	23.880	222	122321	74.668	ng/mL	97	

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071806.D
 Acq On : 7 Mar 2018 4:27 pm
 Operator : BNA2:MJS
 Sample : WG1094741-3,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 09 12:25:23 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) C13-BZ#34	24.105	256	85157	76.164	ng/mL	99
30) C13-BZ#23	24.290	256	85276	77.722	ng/mL	100
31) C14-BZ#54-RTW	24.298	292	78859	77.098	ng/mL	98
32) C13-BZ#29-Cal	24.515	256	83997	75.833	ng/mL	99
33) Trichlorobiphenyls	0.000		0	N.D.	d	
34) C13- Conf Ion	0.000		0	N.D.	d	
35) C14-BZ#50-Cal	25.021	292	64769	75.790	ng/mL	98
36) Tetrachlorobiphenyls	0.000		0	N.D.	d	
37) C14-Conf Ion	0.000		0	N.D.	d	
38) C13-BZ#26	25.046	256	94631	76.168	ng/mL	99
39) C13-BZ#25	25.255	256	91706	75.822	ng/mL	98
40) C14-BZ#53	25.744	292	71716	76.073	ng/mL	99
41) C13-BZ#-31	25.826	256	125534	75.152	ng/mL	98
42) C13-BZ#28	26.025	256	117059	71.143	ng/mL	100
43) C13-BZ#33	26.108	256	107173M4	91.375	ng/mL	
44) C13-BZ#21/#20	26.157	256	229472M4	154.480	ng/mL	
45) C14-BZ#51	26.157	292	82355	79.136	ng/mL	100
46) C14-BZ#45	26.720	292	62794	77.268	ng/mL	99
47) C13-BZ#22	26.952	256	112330	77.618	ng/mL	98
48) C14-BZ#73/#46	27.084	292	170902	157.357	ng/mL	100
49) C14-BZ#69	27.382	292	96827	74.607	ng/mL	100
50) C14-BZ#43	27.465	292	69161	80.691	ng/mL	97
51) C13-BZ#36	27.498	256	129847	80.641	ng/mL	98
52) C14-BZ#52	27.614	292	79899	75.712	ng/mL	99
53) C14-BZ#48	27.779	292	74267	79.203	ng/mL	99
54) C14-BZ#49	27.928	292	76329	75.675	ng/mL	99
55) C15-BZ#104-RTW	28.144	326	80743	77.529	ng/mL	98
56) C14-BZ#47	28.226	292	81400M4	74.836	ng/mL	
57) C14-BZ#65/#75/#62	28.326	292	304238	238.075	ng/mL	99
58) C13-BZ#39	28.359	256	117515	79.185	ng/mL	100
59) C13-BZ#38	28.491	256	117011	81.754	ng/mL	98
60) C14-BZ#44	28.872	292	67201	76.535	ng/mL	100
61) C14-BZ#59	29.104	292	97881	76.016	ng/mL	99
62) C14-BZ#42	29.203	292	65841	78.933	ng/mL	96
63) C14-BZ#71	29.435	292	105156	77.763	ng/mL	100
64) C13-BZ#35	29.550	256	120134	80.263	ng/mL	100
65) C14-BZ#41	29.666	292	65432	79.683	ng/mL	99
66) C14-BZ#72	29.782	292	116534	82.348	ng/mL	100
67) C15-BZ#96	29.799	326	89701	79.653	ng/mL	95
68) C15-BZ#103	29.931	326	71307	81.907	ng/mL	96
69) C14-BZ#68/#64	30.097	292	212718	162.327	ng/mL	99

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071806.D
 Acq On : 7 Mar 2018 4:27 pm
 Operator : BNA2:MJS
 Sample : WG1094741-3,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 09 12:25:23 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) C14-BZ#40	30.212	292	50254	78.749	ng/mL	97
71) C13-BZ#37-RTW	30.428	256	160244	80.528	ng/mL	98
72) C15-BZ#100	30.428	326	76929	82.002	ng/mL	99
73) C15-BZ#94	30.527	326	58637	84.663	ng/mL	100
74) C14-BZ#57	30.626	292	111640	79.275	ng/mL	98
75) C14-BZ#67/#58	30.957	292	232004	163.692	ng/mL	100
76) C15-BZ#102	31.007	326	82465	82.698	ng/mL	99
77) C14-BZ#61	31.305	292	111700	80.020	ng/mL	98
78) C15-BZ#98	31.321	326	74432	81.476	ng/mL	98
79) C14-BZ#76	31.470	292	125978	85.403	ng/mL	99
80) C15-BZ#93	31.454	326	60716	82.390	ng/mL	99
81) C14-BZ#63	31.553	292	103682M4	78.345	ng/mL	
82) C15-BZ#121/#95/#88	31.619	326	245078	250.584	ng/mL	99
83) C14-BZ#74	31.834	292	118195	80.744	ng/mL	98
84) C16-BZ#155-RTW	31.967	360	87444	80.654	ng/mL	100
85) C14-BZ#70	32.000	292	122723	81.399	ng/mL	98
86) C14-BZ#66	32.298	292	112561	82.469	ng/mL	98
87) C15-BZ#91	32.165	326	69839	81.010	ng/mL	99
88) C14-BZ#80	32.563	292	117767	82.404	ng/mL	99
89) C14-BZ#55	32.745	292	120443	82.535	ng/mL	99
90) C15-BZ#92	32.794	326	69685	82.860	ng/mL	96
91) C15-BZ#89/#84	33.076	326	131215	162.812	ng/mL	95
92) C15-BZ#101/#90	33.208	326	153106M4	164.903	ng/mL	
94) C14-BZ#56	33.208	292	120480	83.452	ng/mL	99
95) C15-BZ#113	33.307	326	97459	89.296	ng/mL	99
96) C15-BZ#99	33.572	326	86903	82.887	ng/mL	99
97) C16-BZ#150	33.622	360	96020	82.600	ng/mL	98
98) C14-BZ#60	33.638	292	128378	83.218	ng/mL	99
99) C16-BZ#152	33.986	360	102142	81.958	ng/mL	100
100) C15-BZ#119	34.069	326	112999	88.980	ng/mL	97
101) C15-BZ#83/#125/#112	34.218	326	273938M4	259.215	ng/mL	
102) C15-BZ#86/#109	34.383	326	169909M4	161.711	ng/mL	
103) C15-BZ#97	34.499	326	68372	87.289	ng/mL	97
104) C15-BZ#116	34.962	326	89650	82.938	ng/mL	98
105) C15-BZ#87/#111	35.260	326	187920M4	177.839	ng/mL	
106) Pentachlorobiphenyls	0.000		0	N.D.	d	
107) C15-Conf Ion	0.000		0	N.D.	d	
108) C16-BZ#145	34.433	360	106411	82.705	ng/mL	99
109) C16-BZ#148	34.631	360	73801	83.957	ng/mL	99
110) C14-BZ#79	34.747	292	120964	85.123	ng/mL	99
111) C16-BZ#154-Cal	35.161	360	85449	84.110	ng/mL	99

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071806.D
 Acq On : 7 Mar 2018 4:27 pm
 Operator : BNA2:MJS
 Sample : WG1094741-3,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 09 12:25:23 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112) Hexachlorobiphenyls	0.000		0		N.D.	d
113) Cl6-Conf Ion	0.000		0		N.D.	d
114) Cl4-BZ#78	35.227	292	150891M4	85.783	ng/mL	
115) Cl6-BZ#136	35.310	360	95201	84.529	ng/mL	98
116) Cl5-BZ#117	35.360	326	105365M4	78.785	ng/mL	
117) Cl5-BZ#115	35.442	326	126655M4	95.567	ng/mL	
118) Cl5-BZ#85	35.525	326	65293	78.877	ng/mL	100
119) Cl5-BZ#120	35.674	326	112744	87.026	ng/mL	100
120) Cl5-BZ#110	35.807	326	105552	84.410	ng/mL	100
121) Cl4-BZ#81	36.187	292	119617	83.849	ng/mL	99
123) Cl6-BZ#151	36.204	360	73509	84.925	ng/mL	98
124) Cl6-BZ#135	36.336	360	80859	88.563	ng/mL	99
125) Cl5-BZ#82	36.518	326	70661	90.477	ng/mL	99
126) Cl6-BZ#144	36.535	360	77472	87.037	ng/mL	99
127) Cl6-BZ#147/#149	36.849	360	166328	175.020	ng/mL	98
128) Cl4-BZ#77-RTW	36.949	292	113912M4	87.712	ng/mL	
129) Cl6-BZ#143/#139	37.081	360	164478	180.089	ng/mL	99
130) Cl5-BZ#124	37.230	326	111187	90.548	ng/mL	99
131) Cl5-BZ#108	37.528	326	122476	98.191	ng/mL	100
132) Cl5-BZ#107/#123	37.611	326	235596M4	177.156	ng/mL	
133) Cl6-BZ#140	37.263	360	78563	89.006	ng/mL	99
134) Cl7-BZ#188-Cal/RTW	37.627	394	92814	89.416	ng/mL	99
135) Heptachlorobiphenyls	0.000		0		N.D.	d
136) Cl7-Conf Ion	0.000		0		N.D.	d
137) Cl6-BZ#134	37.710	360	66590	88.517	ng/mL	95
138) Cl5-BZ#106	37.743	326	100853	83.403	ng/mL	99
139) Cl6-BZ#133	37.826	360	104812M4	102.364	ng/mL	
140) Cl6-BZ#142	37.859	360	46870M3	68.115	ng/mL	
141) Cl5-BZ#118	37.991	326	106893	91.074	ng/mL	99
142) Cl6-BZ#131	37.991	360	71575	90.286	ng/mL	100
143) Cl7-BZ#184	38.124	394	89831	87.569	ng/mL	98
144) Cl6-BZ#165	38.173	360	102071	91.515	ng/mL	97
145) Cl6-BZ#146	38.289	360	84522	86.566	ng/mL	98
146) Cl6-BZ#161	38.455	360	113017	90.982	ng/mL	99
147) Cl5-BZ#122	38.438	326	99185	91.728	ng/mL	100
148) Cl6-BZ#168	38.686	360	97402	81.602	ng/mL	99
149) Cl5-BZ#114	38.719	326	109801	92.472	ng/mL	100
150) Cl6-BZ#153	38.736	360	106321M4	100.045	ng/mL	
152) Cl6-BZ#132	39.017	360	74670	87.549	ng/mL	99
153) Cl7-BZ#179	39.266	394	91187	86.098	ng/mL	99
154) Cl6-BZ#141	39.580	360	75465	88.444	ng/mL	100

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071806.D
 Acq On : 7 Mar 2018 4:27 pm
 Operator : BNA2:MJS
 Sample : WG1094741-3,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 09 12:25:23 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
155) C17-BZ#176	39.762	394	87441	86.929	ng/mL	99
156) C15-BZ#105	39.828	326	124997	86.021	ng/mL#	81
157) C16-BZ#137	40.010	360	78854	90.162	ng/mL	99
158) C15-BZ#127	40.159	326	141932	89.045	ng/mL#	74
159) C17-BZ#186	40.093	394	99582	88.959	ng/mL	100
160) C16-BZ#130/#164	40.341	360	188171	184.441	ng/mL	98
161) C17-BZ#178	40.639	394	68426	89.203	ng/mL	98
162) C16-BZ#138	40.706	360	98407	94.890	ng/mL	97
163) C16-BZ#163/#160	40.805	360	220647M4	188.139	ng/mL	
164) C16-BZ#129/#158	41.003	360	171291M4	175.209	ng/mL	
165) C17-BZ#182/#175	41.037	394	161840	184.317	ng/mL	100
166) C17-BZ#187	41.219	394	79836	88.775	ng/mL	97
167) C17-BZ#183	41.599	394	76968	89.051	ng/mL	98
168) C16-BZ#166	41.963	360	112574	88.365	ng/mL	98
169) C16-BZ#159	42.212	360	115138	90.377	ng/mL	99
170) C15-BZ#126-RTW	42.427	326	144612	92.822	ng/mL	89
171) C17-BZ#185	42.460	394	71806	89.315	ng/mL	99
172) C16-BZ#162	42.559	360	109788	92.990	ng/mL	97
173) C17-BZ#174	42.708	394	72957	91.401	ng/mL	99
174) C16-BZ#128	42.708	360	80845	92.589	ng/mL	99
175) C16-BZ#167	43.006	360	142401	90.897	ng/mL	93
176) C18-BZ#202-RTW	42.956	428	82749	91.610	ng/mL	99
178) C17-BZ#181	43.089	394	83401	92.936	ng/mL	97
179) C17-BZ#177	43.420	394	70903	91.126	ng/mL	99
180) C18-BZ#204/#200-Cal	43.519	428	160392	180.820	ng/mL	100
181) Octachlorobiphenyls	0.000		0	N.D.	d	
182) C18-Conf Ion	0.000		0	N.D.	d	
183) C17-BZ#171	43.734	394	70059	91.933	ng/mL	98
184) C17-BZ#173	43.949	394	67407	89.774	ng/mL	100
185) C17-BZ#172	44.396	394	72985	90.407	ng/mL	97
186) C17-BZ#192	44.595	394	101355	91.665	ng/mL	99
187) C16-BZ#156	44.611	360	112727	92.342	ng/mL	100
188) C16-BZ#157	44.860	360	114702	90.961	ng/mL	98
189) C17-BZ#180	44.893	394	89347	90.974	ng/mL	97
190) C17-BZ#193	44.992	394	89124	88.178	ng/mL	100
191) C18-BZ#197	44.032	428	81841	90.392	ng/mL	99
192) C17-BZ#191	45.323	394	94909	90.429	ng/mL	97
193) C18-BZ#199	45.141	428	78904	87.702	ng/mL	99
194) C18-BZ#198	46.680	428	67162	87.960	ng/mL	98
195) C18-BZ#201	46.780	428	59067	89.633	ng/mL	99
196) C17-BZ#170	46.895	394	68144	89.616	ng/mL	97

Quantitation Report (QT Reviewed)

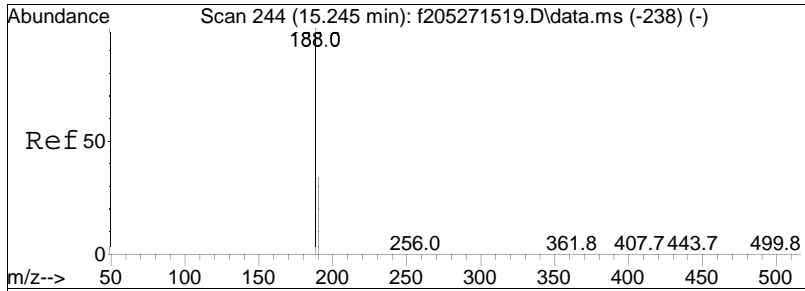
Data Path : O:\Organics\DATA\BNA2\2018\Mar\Mar07\
 Data File : F203071806.D
 Acq On : 7 Mar 2018 4:27 pm
 Operator : BNA2:MJS
 Sample : WG1094741-3,HN
 Misc : WG1095518,WG1094741,ICAL14481
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 09 12:25:23 2018
 Quant Method : O:\Organics\DATA\BNA2\2018\Mar\Mar07\209CONG0224BNA2.M
 Quant Title : Method 680 PCB's by GC/MS
 QLast Update : Thu Mar 08 11:02:39 2018
 Response via : Initial Calibration

Sub List : Default - All compounds listed

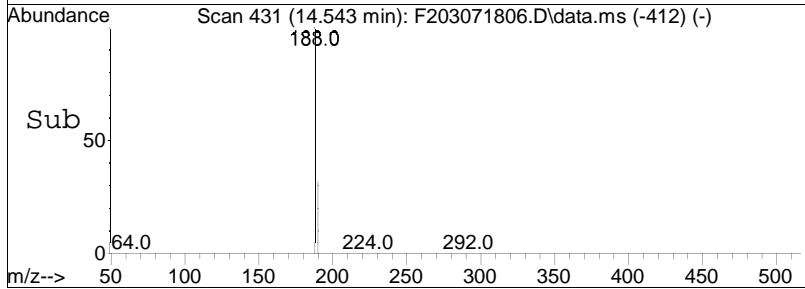
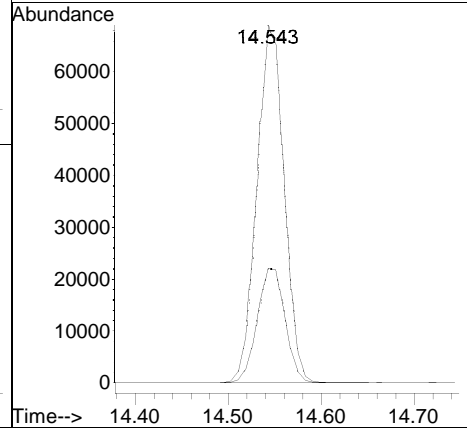
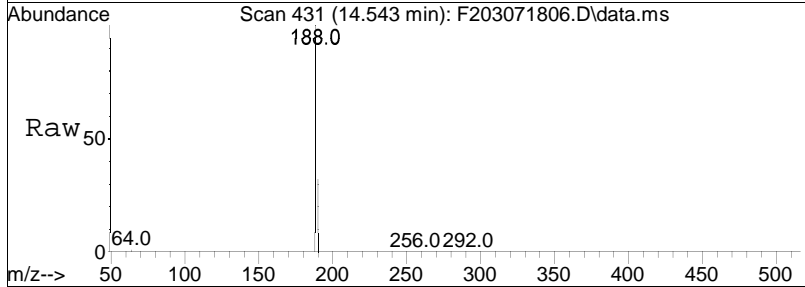
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
197) C17-BZ#190	47.227	394	102260	92.394	ng/mL	96
198) C18-BZ#196	47.227	428	71659	100.273	ng/mL	99
199) C18-BZ#203	47.309	428	63091	81.713	ng/mL	100
200) C16-BZ#169-RTW	47.591	360	123919	91.901	ng/mL	98
201) C19-BZ#208-RTW	48.749	464	81248	85.091	ng/mL	98
202) C19-BZ#207	49.411	464	82145	88.147	ng/mL	96
203) C17-BZ#189-RTW	49.593	394	93193	92.499	ng/mL	99
204) C18-BZ#195	49.742	428	62021	88.310	ng/mL	95
205) C18-BZ#194	51.414	428	65393	86.973	ng/mL	98
206) C18-BZ#205-RTW	52.010	428	79710	86.506	ng/mL	98
207) C19-BZ#206-Cal/RTW	54.029	464	65789	85.630	ng/mL	99
208) Nonachlorobiphenyls	0.000		0	N.D.	d	
209) C19-Conf Ion	0.000		0	N.D.	d	
210) C110-BZ#209-Cal/RTW	56.296	498	64528M4	84.682	ng/mL	
211) Decachlorobiphenyl	0.000		0	N.D.	d	
212) C110-Conf Ion	0.000		0	N.D.	d	

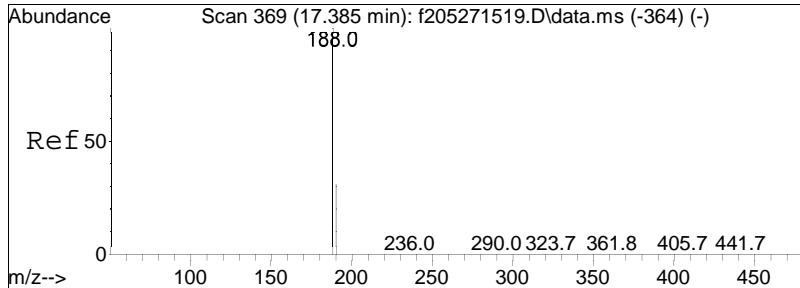
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
 Cl1-BZ#1-Cal/RTW
 Concen: 78.03 ng/mL
 RT: 14.543 min Scan# 431
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

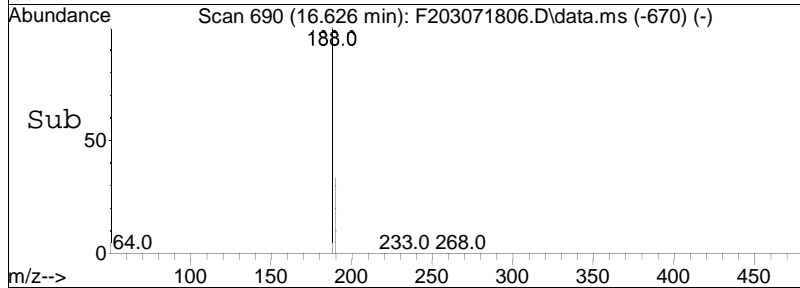
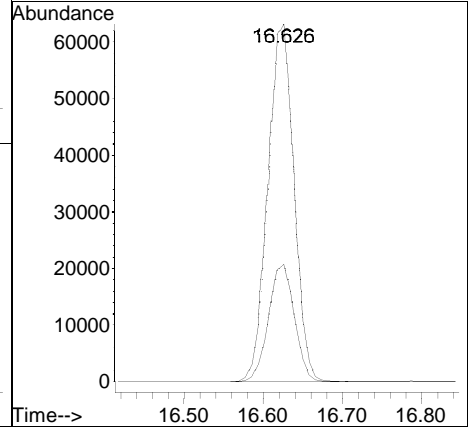
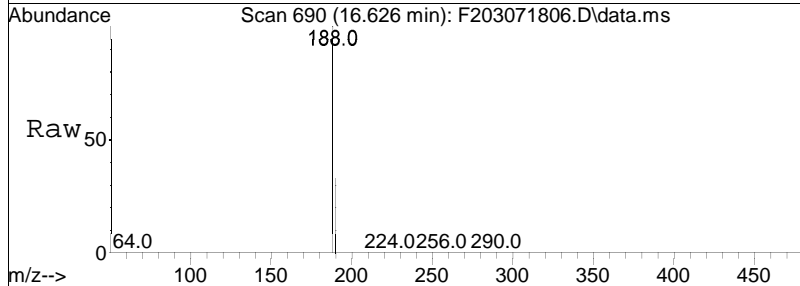
Tgt Ion: 188 Resp: 138780
 Ion Ratio Lower Upper
 188 100
 190 32.0 26.2 39.4

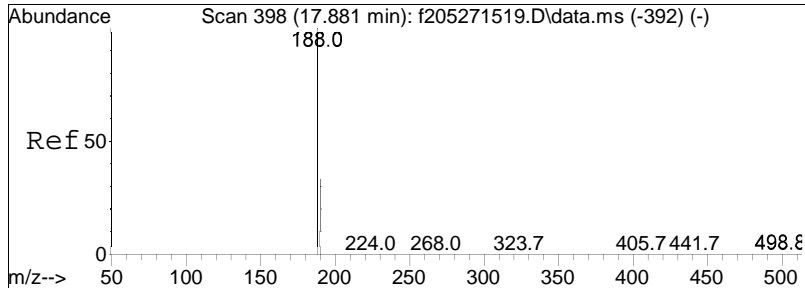




#6
 C11-BZ#2
 Concen: 76.26 ng/mL
 RT: 16.626 min Scan# 690
 Delta R.T. 0.008 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

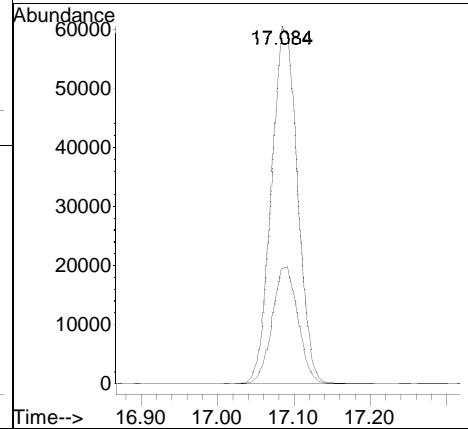
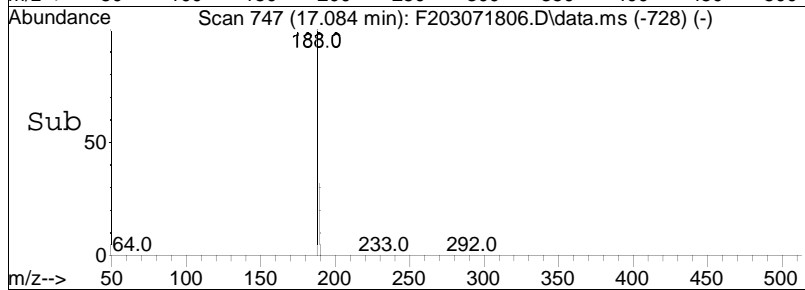
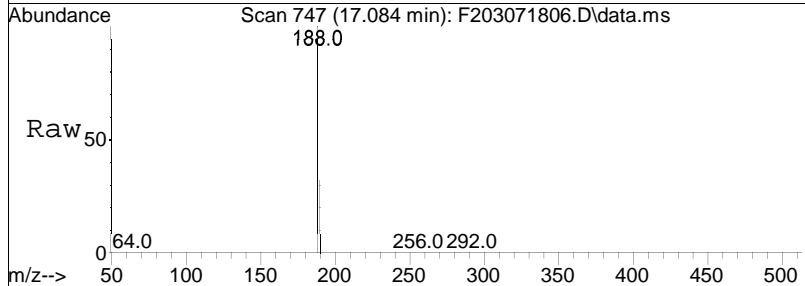
Tgt Ion	Resp	Lower	Upper
188	100		
190	32.7	26.1	39.1

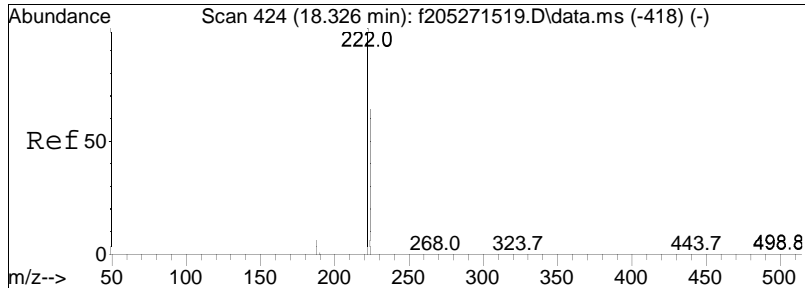




#7
 C11-BZ#3-RTW
 Concen: 77.15 ng/mL
 RT: 17.084 min Scan# 747
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

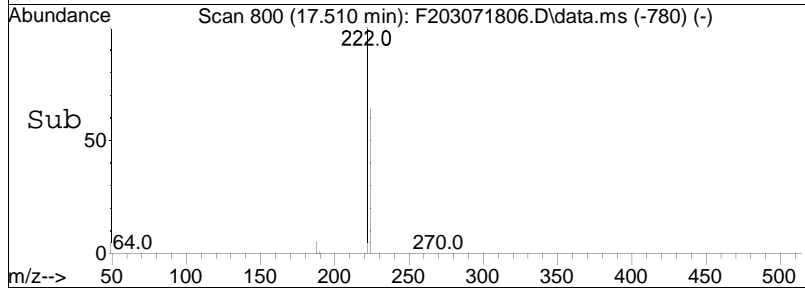
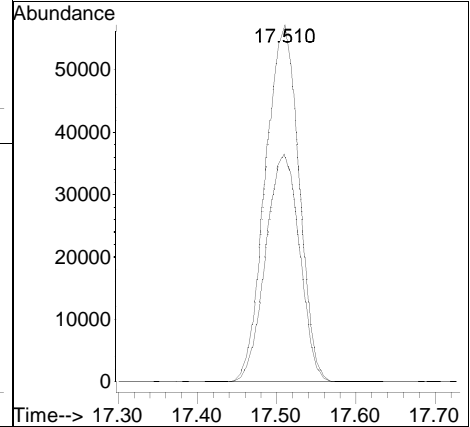
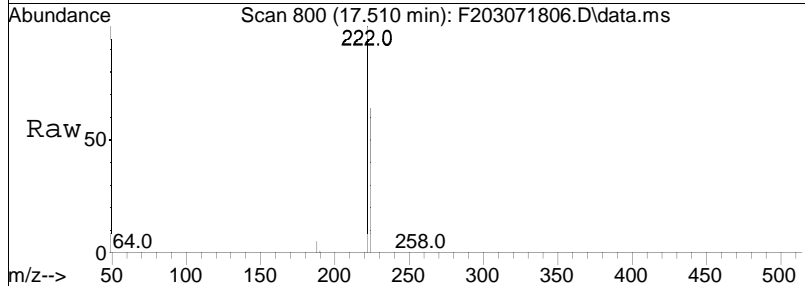
Tgt Ion	Ratio	Lower	Upper
188	100		
190	32.0	26.7	40.1

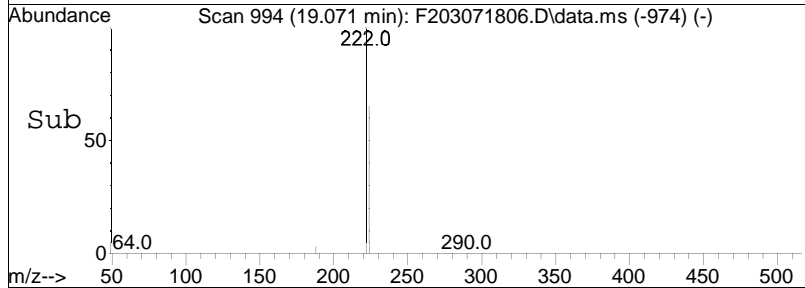
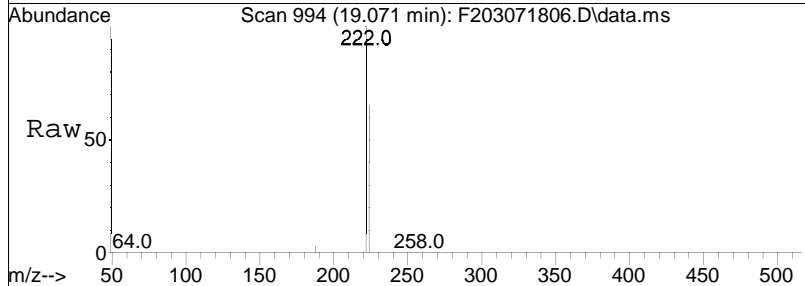
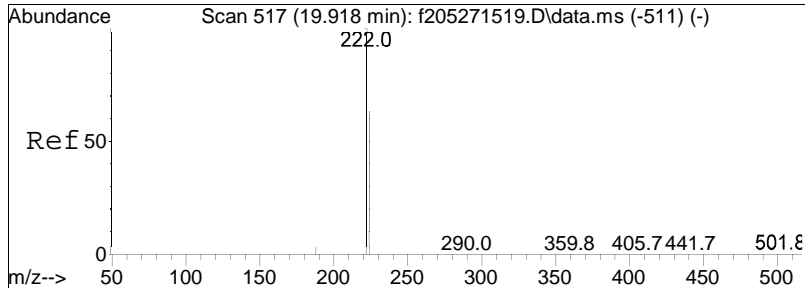




#8
 Cl2-BZ#4/#10-RTW
 Concen: 156.11 ng/mL
 RT: 17.510 min Scan# 800
 Delta R.T. 0.008 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

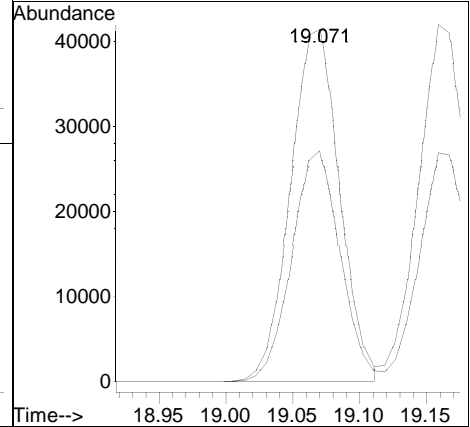
Tgt Ion	Ratio	Lower	Upper
222	100		
224	64.4	52.4	78.6

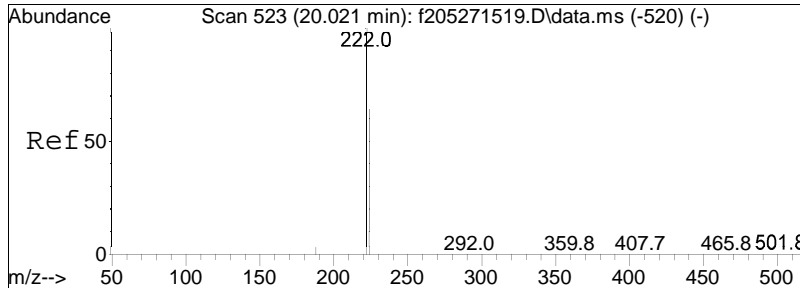




#9
 Cl2-BZ#9
 Concen: 76.30 ng/mL
 RT: 19.071 min Scan# 994
 Delta R.T. 0.008 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

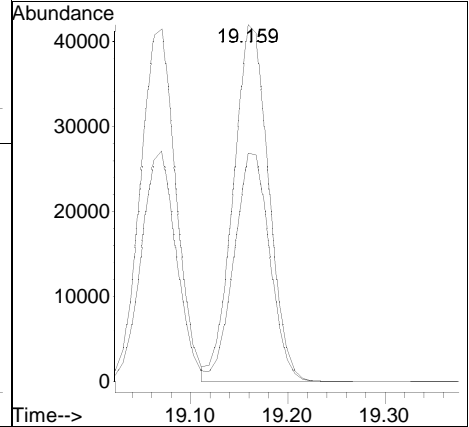
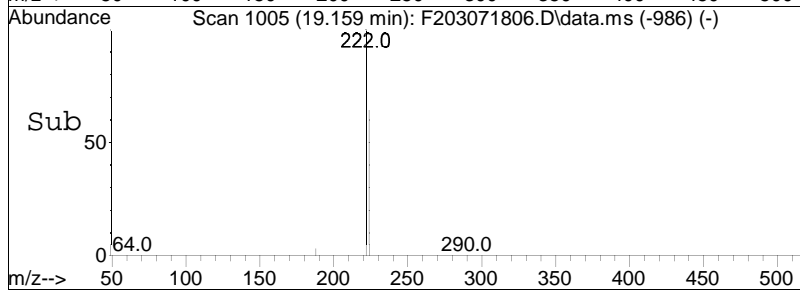
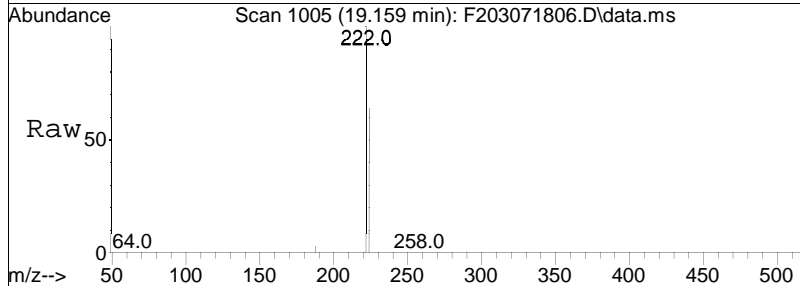
Tgt Ion	Ratio	Lower	Upper
222	100		
224	65.0	52.1	78.1

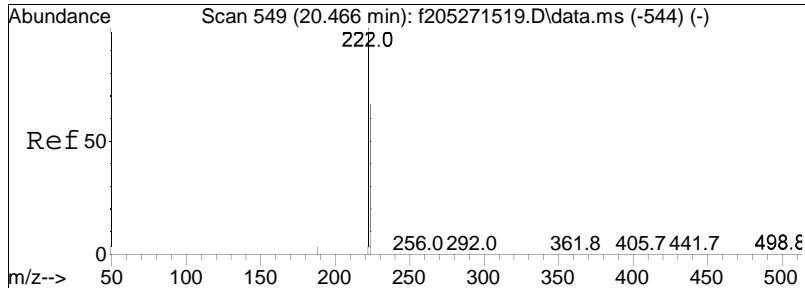




#10
 Cl2-BZ#7
 Concen: 78.42 ng/mL
 RT: 19.159 min Scan# 1005
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

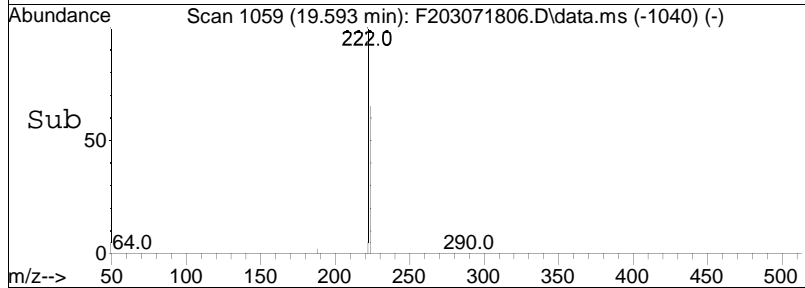
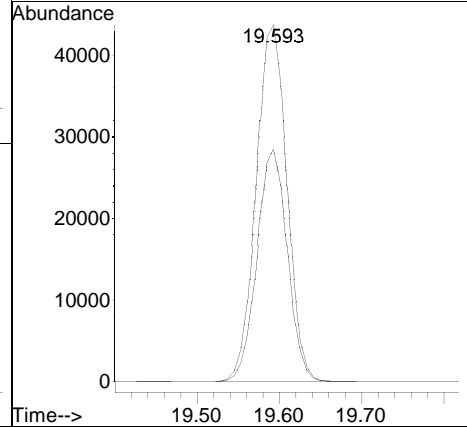
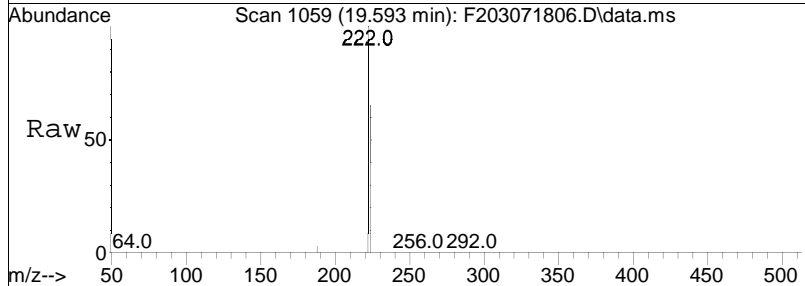
Tgt Ion	Resp	Lower	Upper
222	100		
224	64.2	52.3	78.5

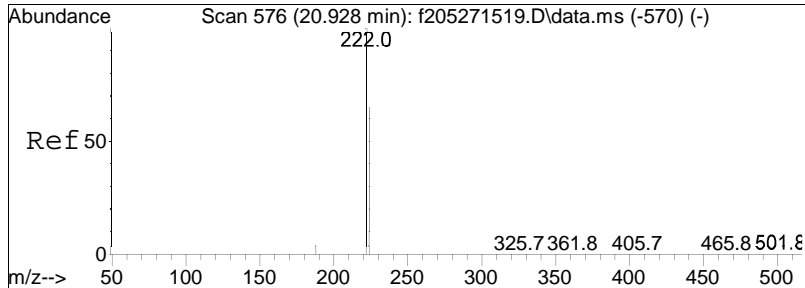




#11
 Cl2-BZ#6
 Concen: 75.98 ng/mL
 RT: 19.593 min Scan# 1059
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

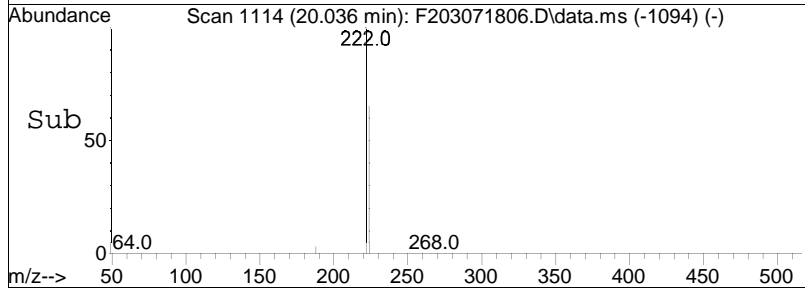
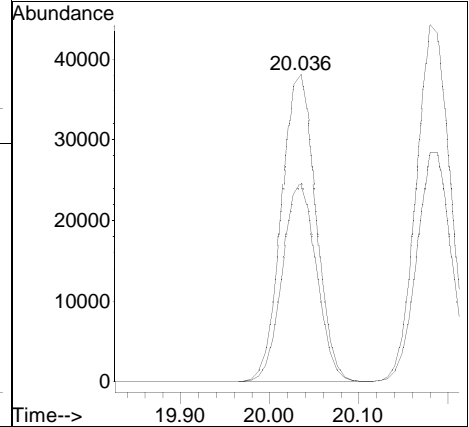
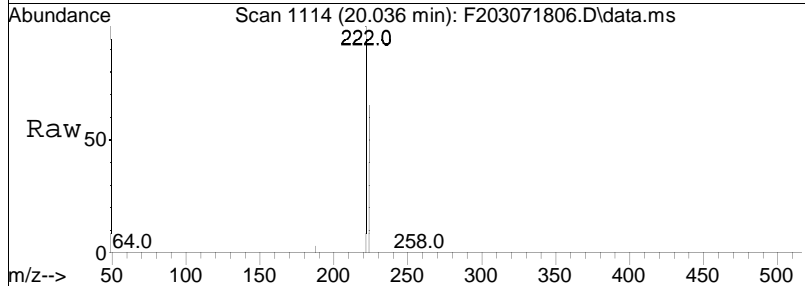
Tgt Ion	Ratio	Lower	Upper
222	100		
224	65.4	51.1	76.7

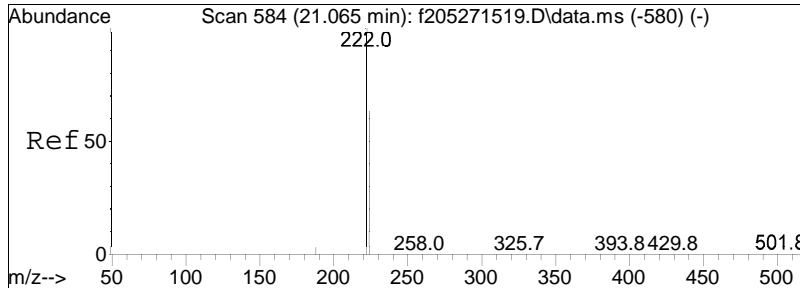




#12
 Cl2-BZ#5
 Concen: 75.74 ng/mL
 RT: 20.036 min Scan# 1114
 Delta R.T. 0.008 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

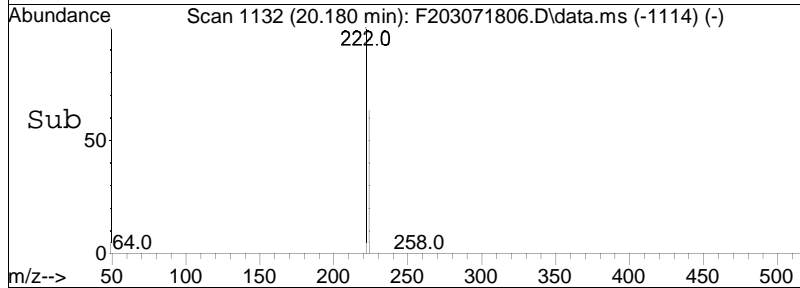
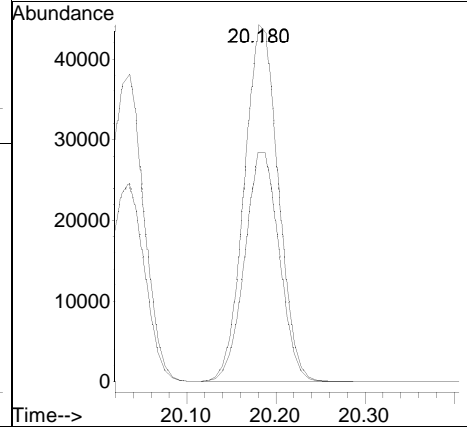
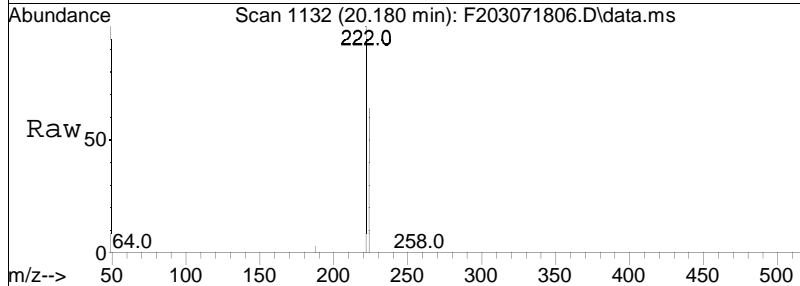
Tgt Ion	Resp	Lower	Upper
222	102010		
224	64.2	51.8	77.6

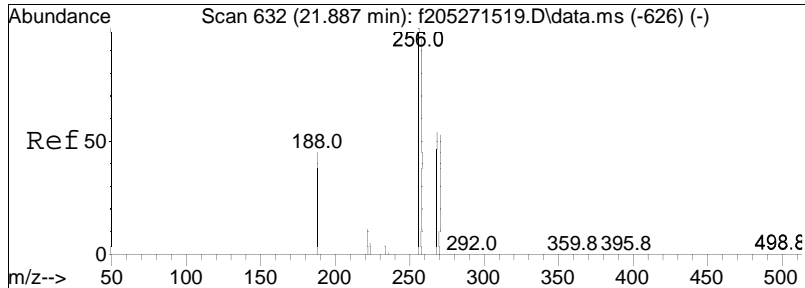




#13
 Cl2-BZ#8
 Concen: 76.60 ng/mL
 RT: 20.180 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

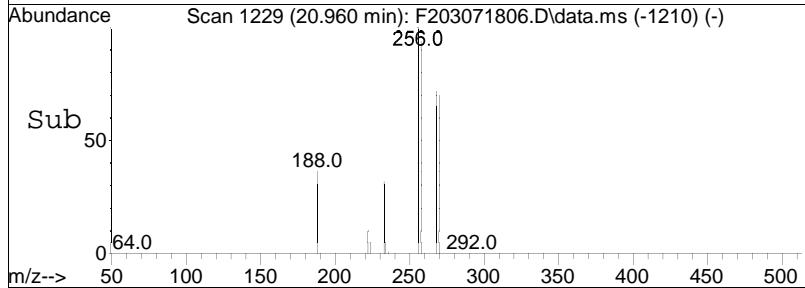
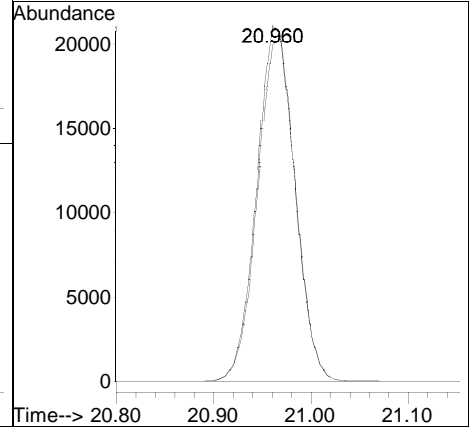
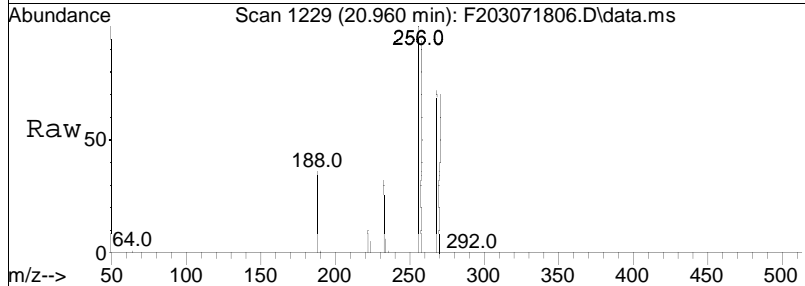
Tgt Ion: 222 Resp: 117307
 Ion Ratio Lower Upper
 222 100
 224 65.2 52.2 78.4

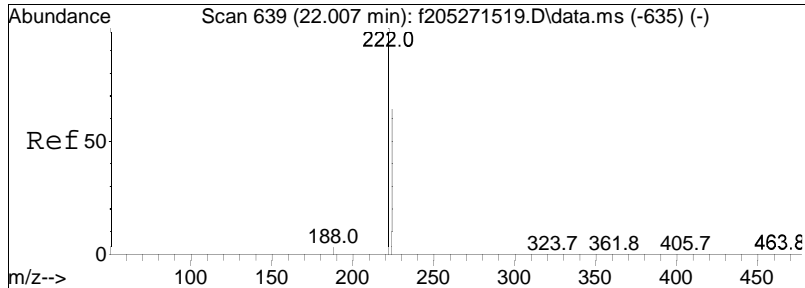




#16
 C13-BZ#19-RTW
 Concen: 75.43 ng/mL
 RT: 20.960 min Scan# 1229
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

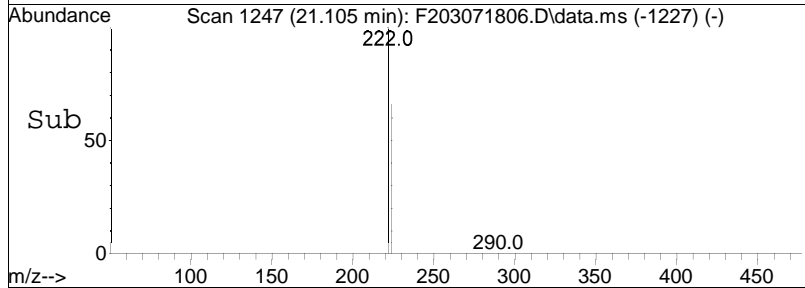
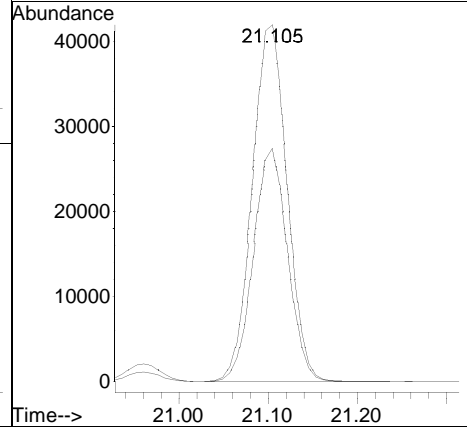
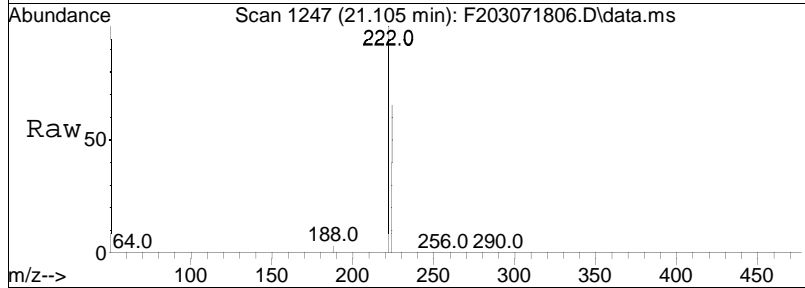
Tgt Ion	Resp	Lower	Upper
256	100		
258	94.3	76.5	114.7

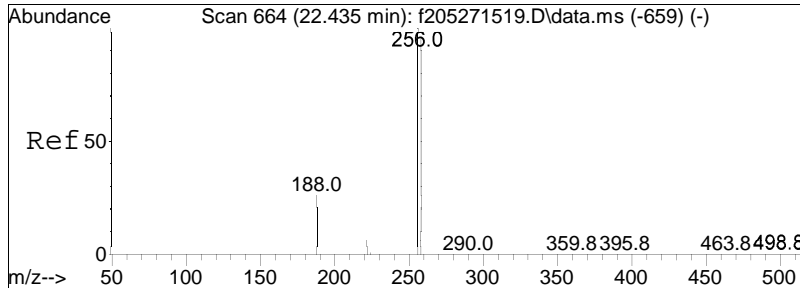




#17
 Cl2-BZ#14
 Concen: 76.28 ng/mL
 RT: 21.105 min Scan# 1247
 Delta R.T. 0.008 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

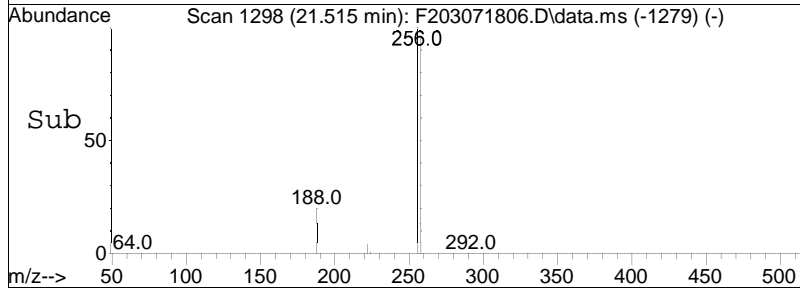
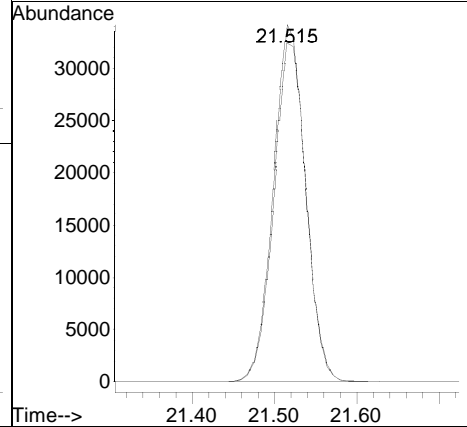
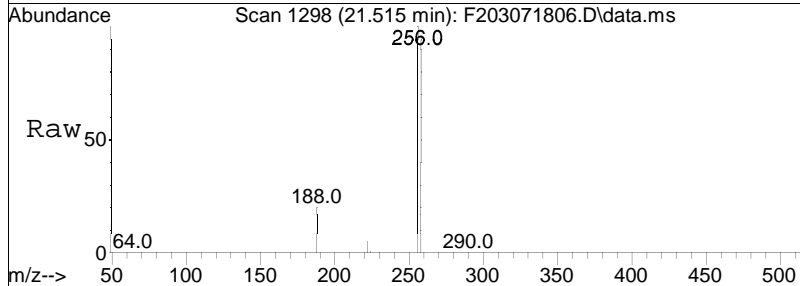
Tgt Ion	Resp	Lower	Upper
222	112740		
224	64.4	53.3	79.9

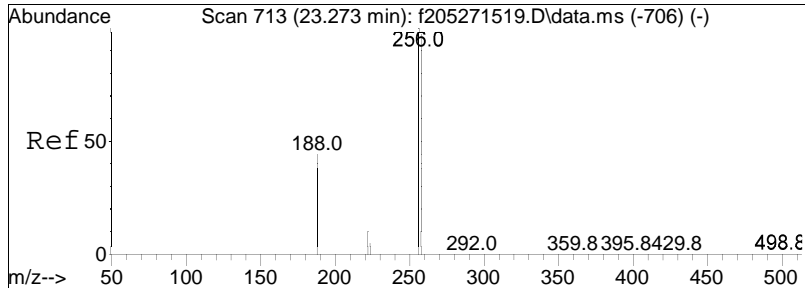




#18
 C13-BZ#30
 Concen: 76.31 ng/mL
 RT: 21.515 min Scan# 1298
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

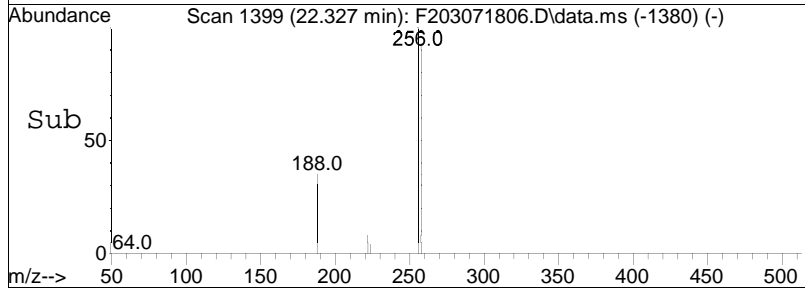
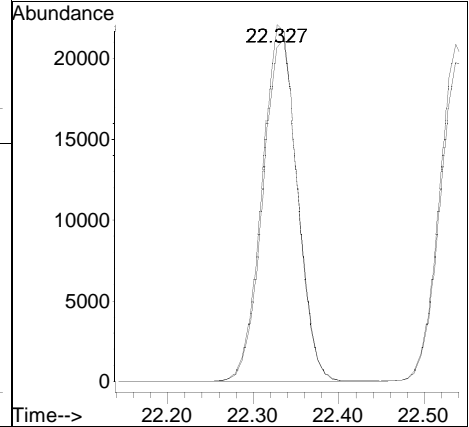
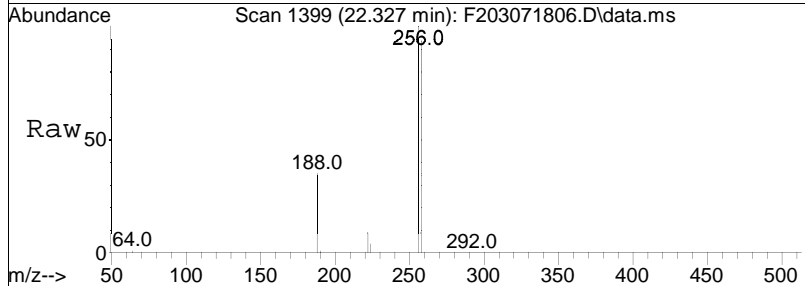
Tgt Ion	Resp	Lower	Upper
256	100		
258	96.0	76.4	114.6

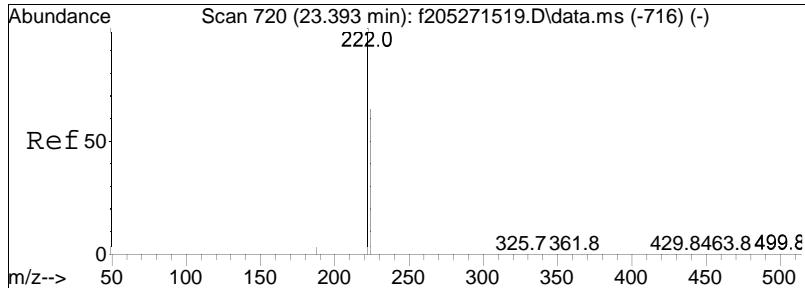




#19
 C13-BZ#18
 Concen: 74.19 ng/mL
 RT: 22.327 min Scan# 1399
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

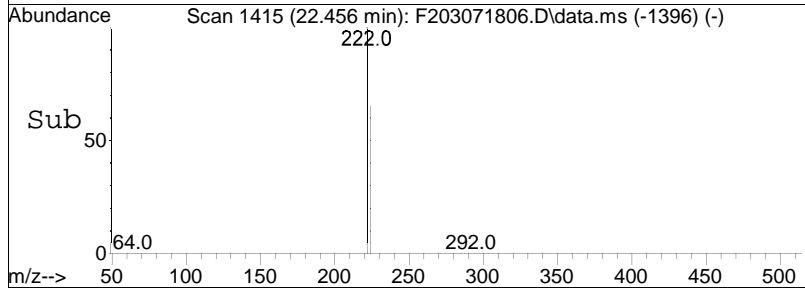
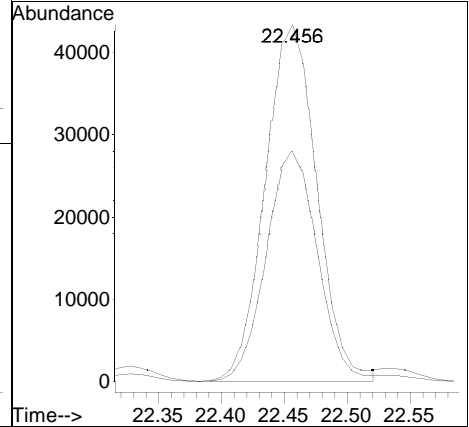
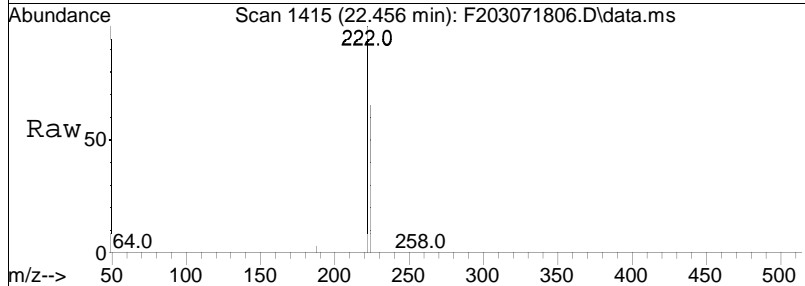
Tgt Ion	Resp	Lower	Upper
256	100		
258	93.5	74.7	112.1

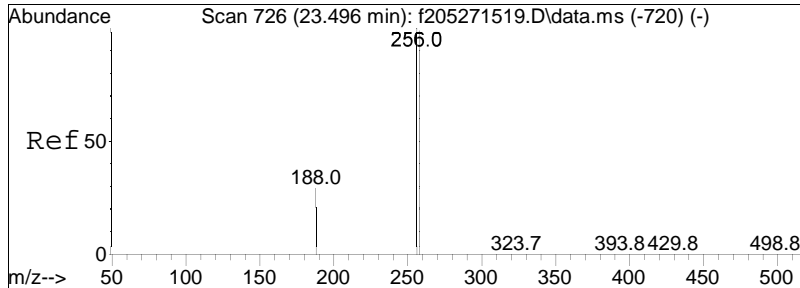




#20
 Cl2-BZ#11
 Concen: 77.56 ng/mL
 RT: 22.456 min Scan# 1415
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

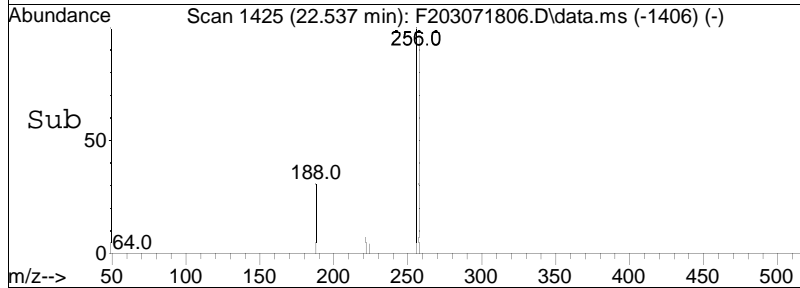
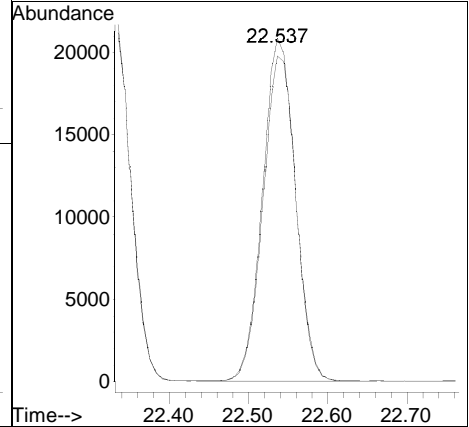
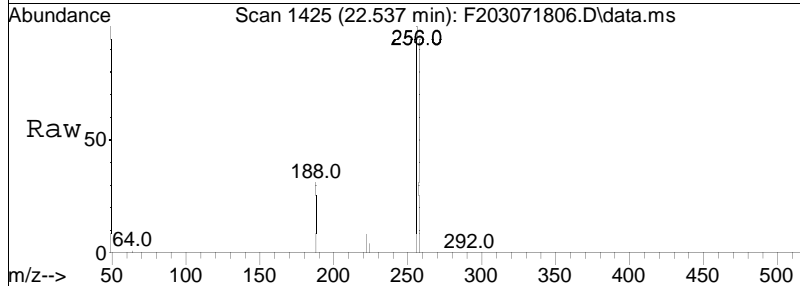
Tgt Ion	Ratio	Lower	Upper
222	100		
224	64.2	50.9	76.3

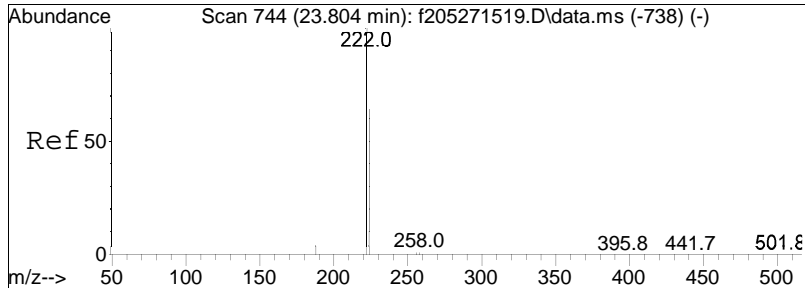




#21
 C13-BZ#17
 Concen: 76.02 ng/mL
 RT: 22.537 min Scan# 1425
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

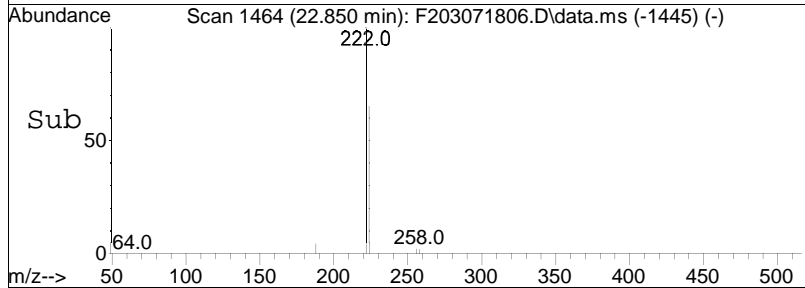
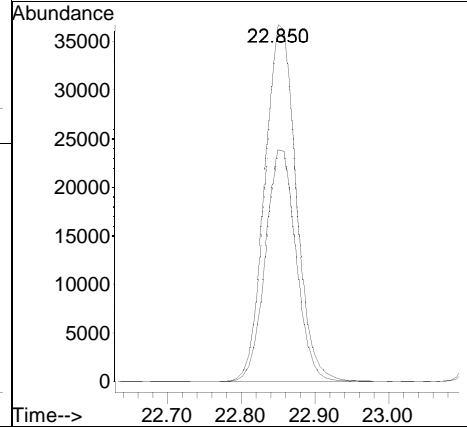
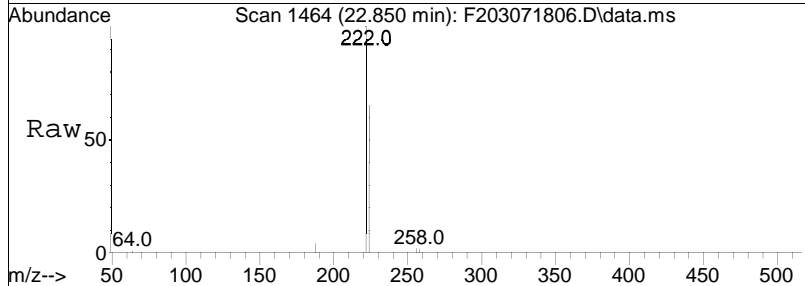
Tgt Ion	Resp	Lower	Upper
256	100		
258	94.8	76.3	114.5

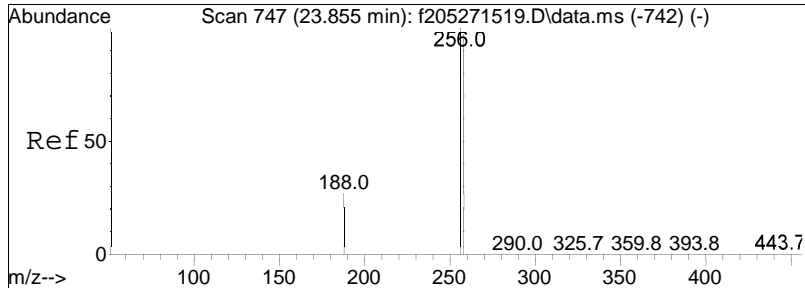




#22
 Cl2-BZ#12
 Concen: 76.81 ng/mL
 RT: 22.850 min Scan# 1464
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

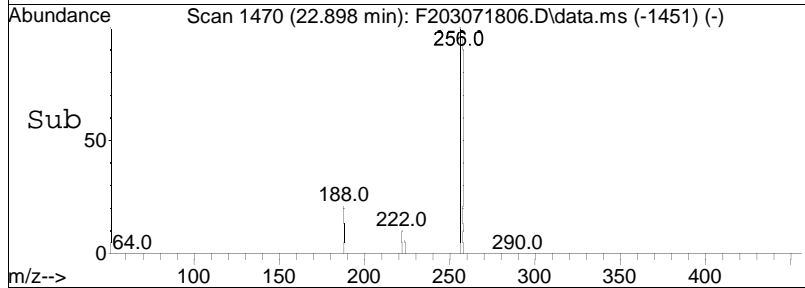
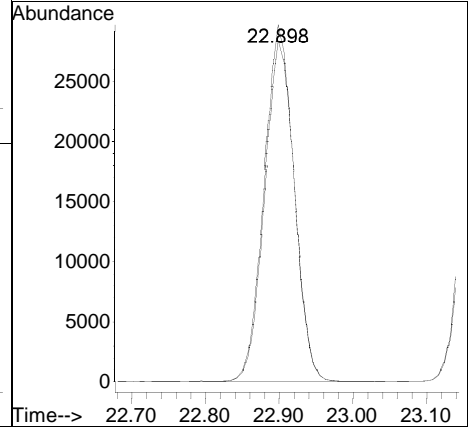
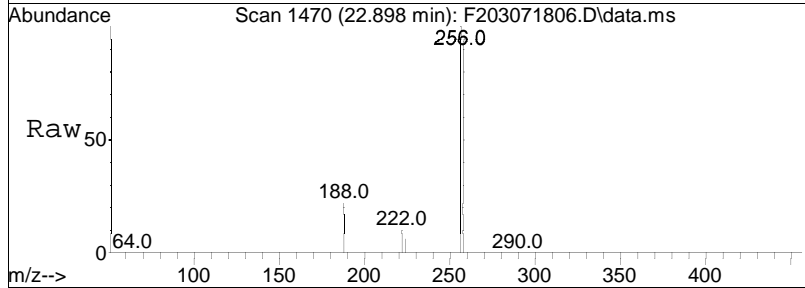
Tgt Ion: 222 Resp: 107783
 Ion Ratio Lower Upper
 222 100
 224 63.6 52.2 78.4

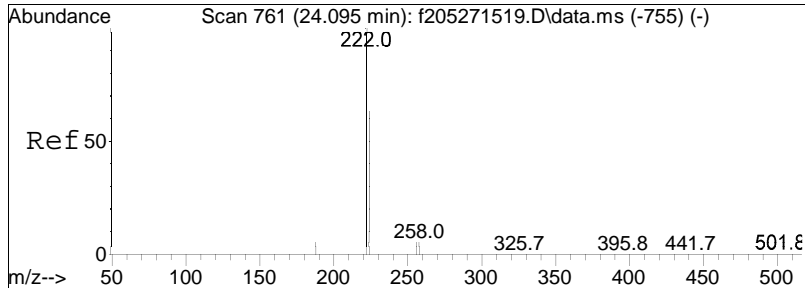




#23
 C13-BZ#27
 Concen: 76.55 ng/mL
 RT: 22.898 min Scan# 1470
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

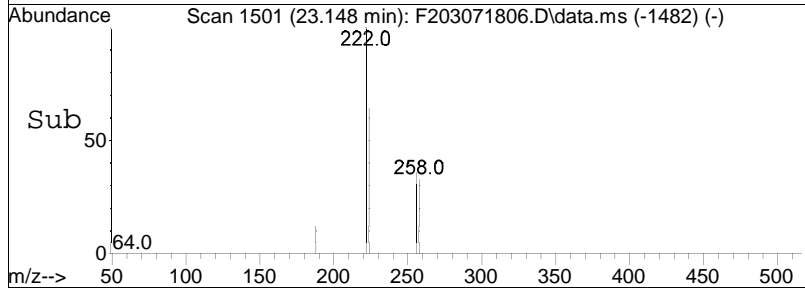
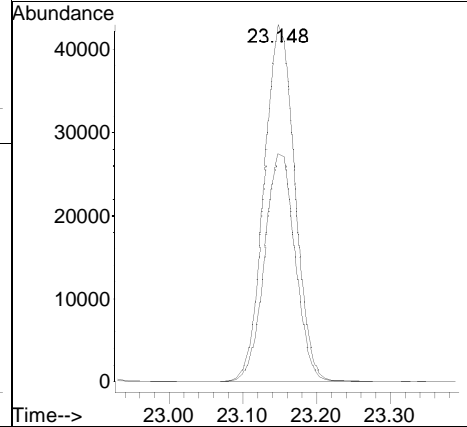
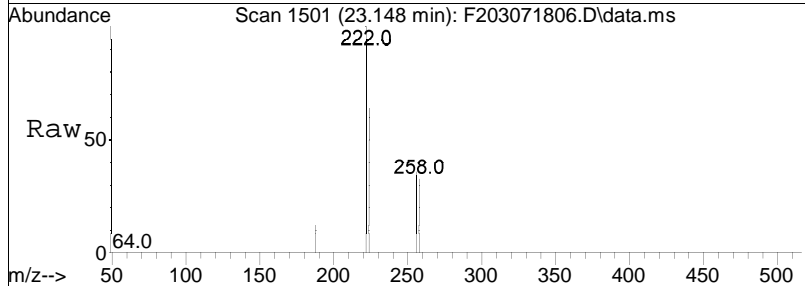
Tgt Ion	Resp	Lower	Upper
256	100		
258	95.9	75.5	113.3

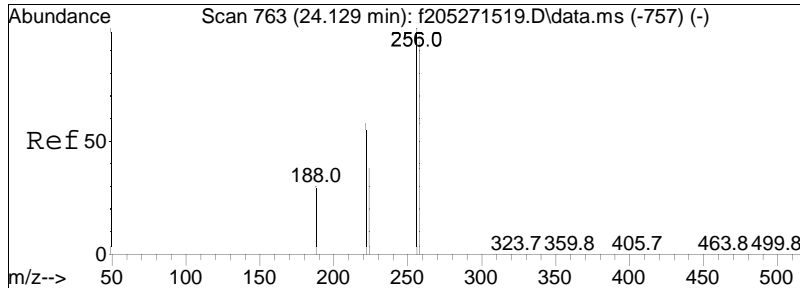




#24
 Cl2-BZ#13
 Concen: 76.58 ng/mL
 RT: 23.148 min Scan# 1501
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

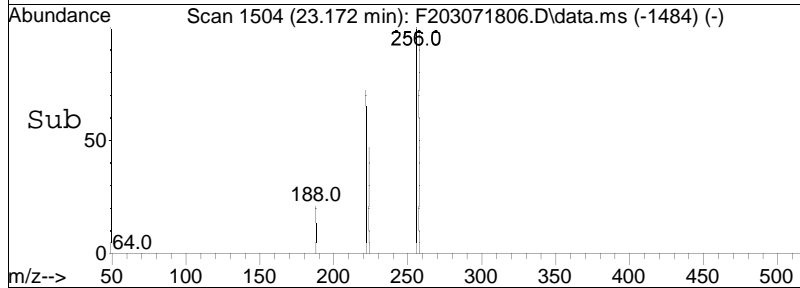
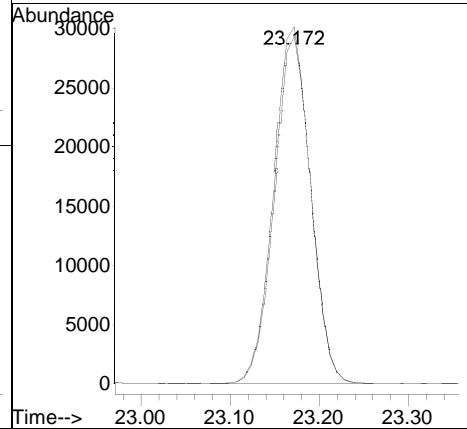
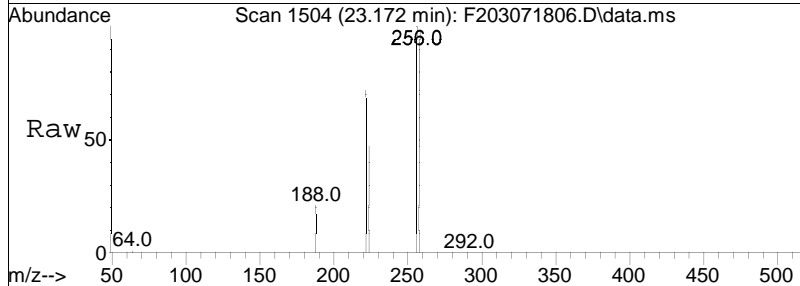
Tgt Ion	Resp	Lower	Upper
222	100		
224	63.8	51.4	77.2

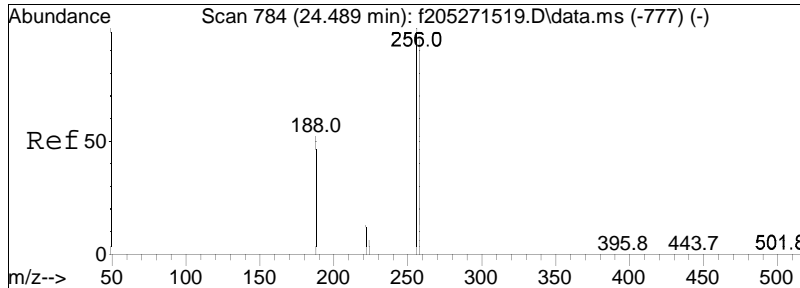




#25
 C13-BZ#24
 Concen: 76.99 ng/mL
 RT: 23.172 min Scan# 1504
 Delta R.T. 0.008 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

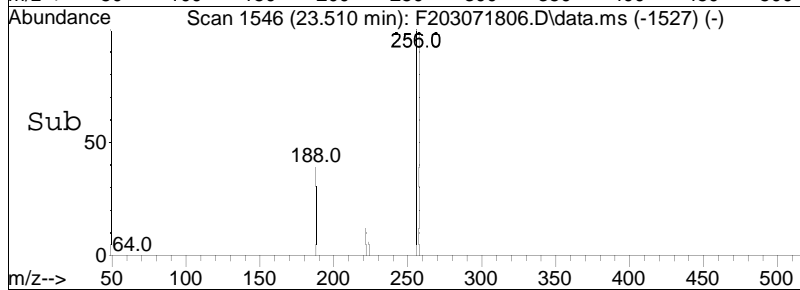
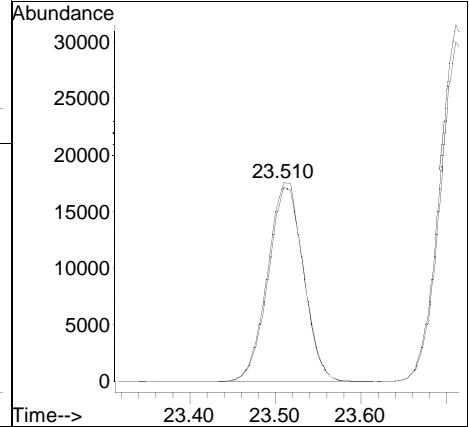
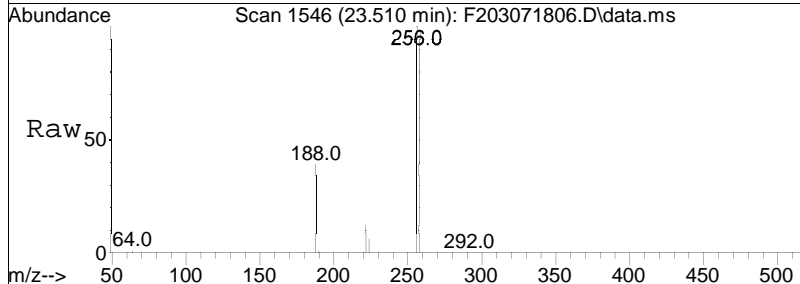
Tgt Ion	Resp	Lower	Upper
256	100		
258	96.5	75.8	113.6

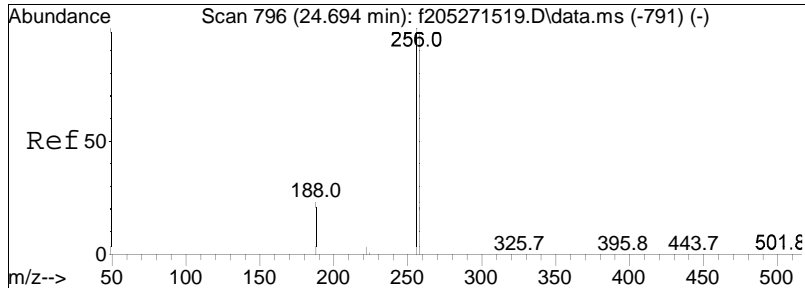




#26
 C13-BZ#16
 Concen: 74.93 ng/mL
 RT: 23.510 min Scan# 1546
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

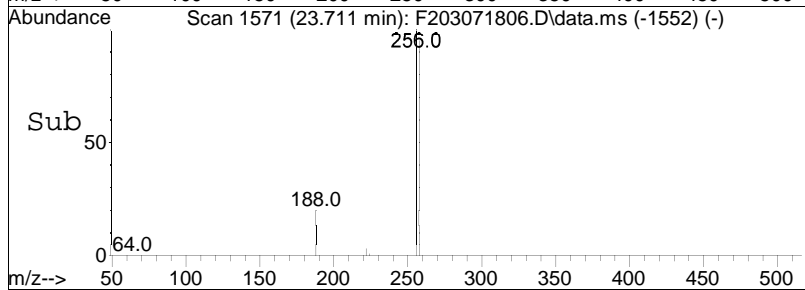
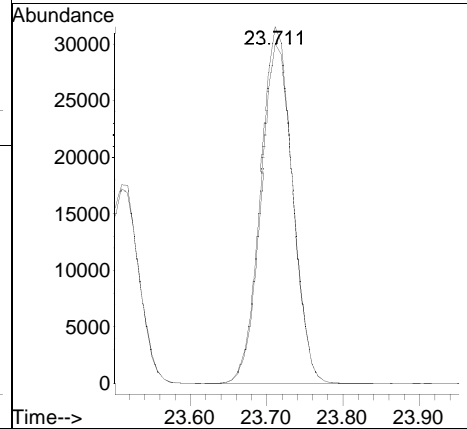
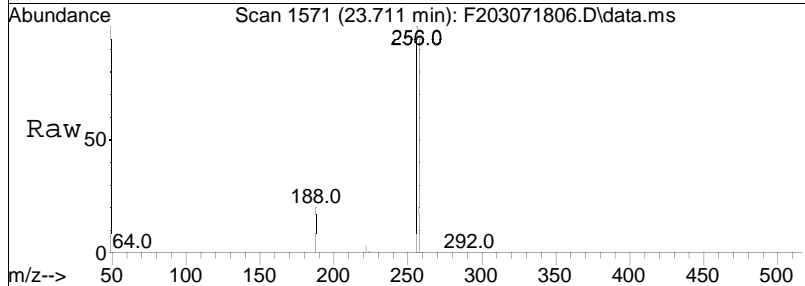
Tgt Ion	Resp	Lower	Upper
256	100		
258	96.4	74.2	111.4

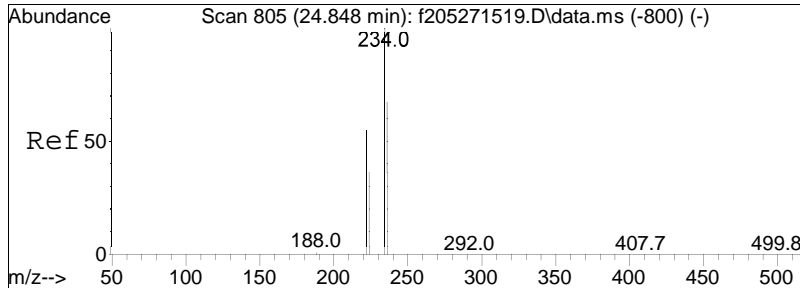




#27
 C13-BZ#32
 Concen: 75.86 ng/mL
 RT: 23.711 min Scan# 1571
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

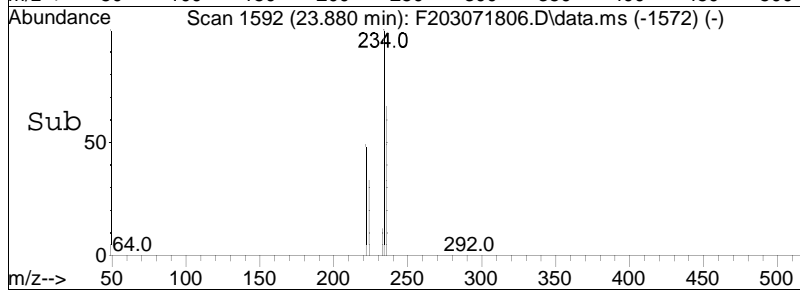
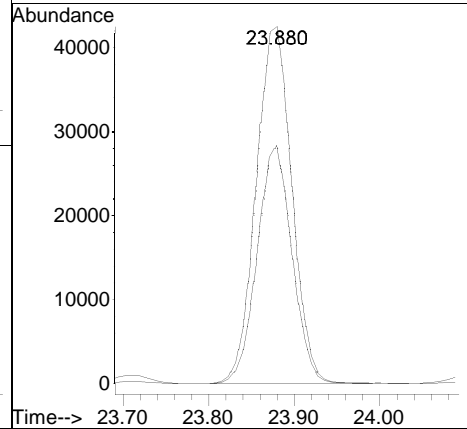
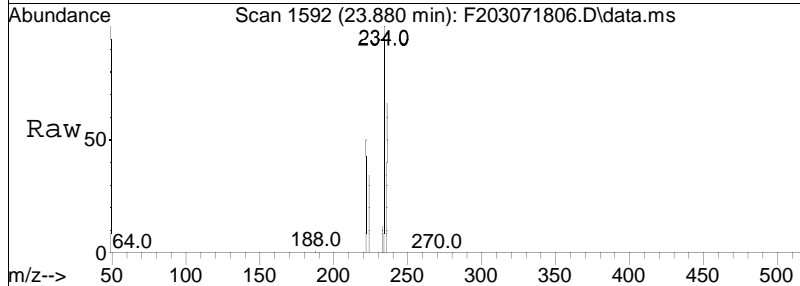
Tgt Ion	Resp	Lower	Upper
256	100		
258	95.5	75.0	112.4

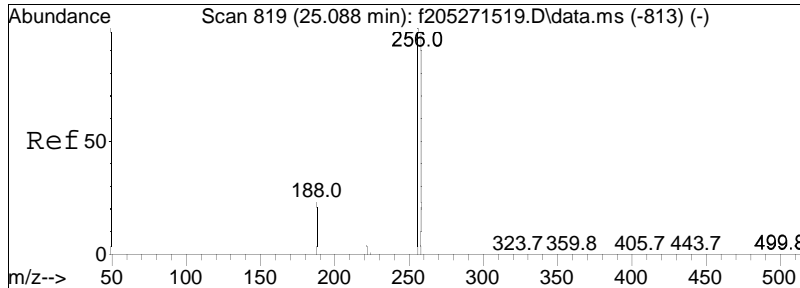




#28
 Cl2-BZ#15-RTW
 Concen: 74.67 ng/mL
 RT: 23.880 min Scan# 1592
 Delta R.T. 0.008 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

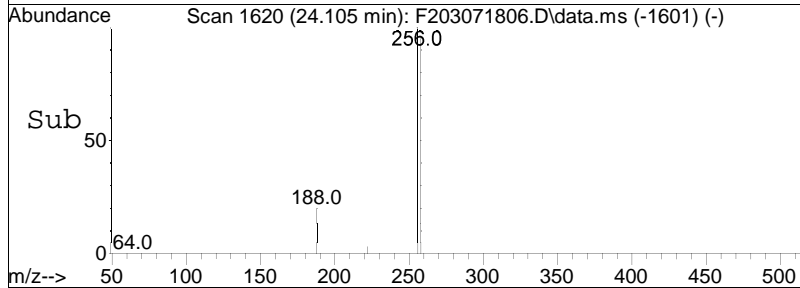
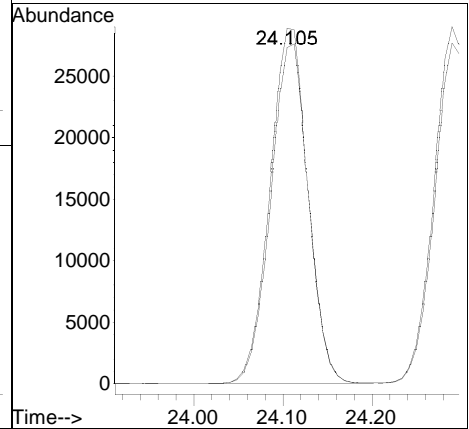
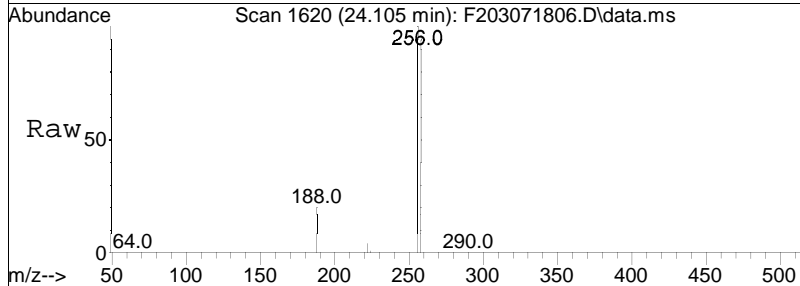
Tgt Ion	Ratio	Lower	Upper
222	100		
224	66.8	51.7	77.5

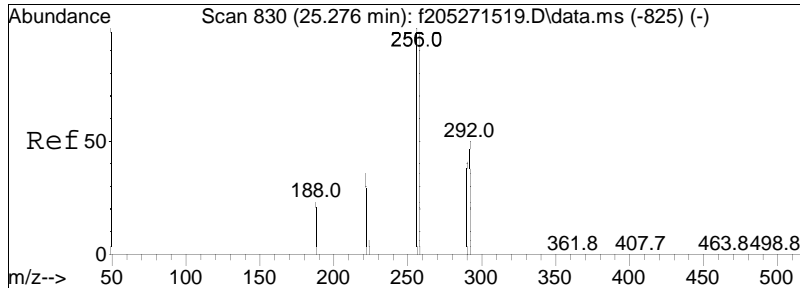




#29
 C13-BZ#34
 Concen: 76.16 ng/mL
 RT: 24.105 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

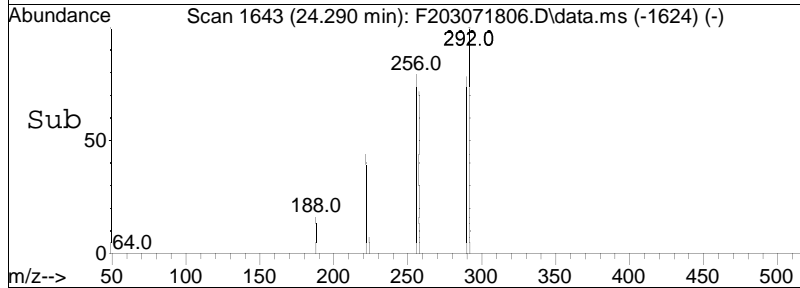
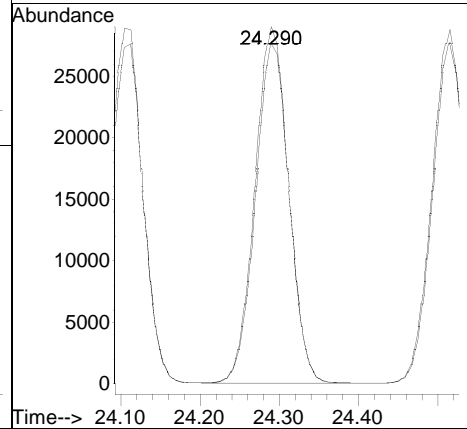
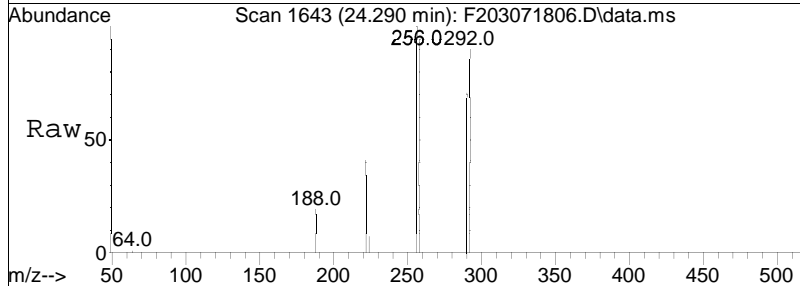
Tgt Ion	Resp	Lower	Upper
256	100		
258	95.2	77.1	115.7

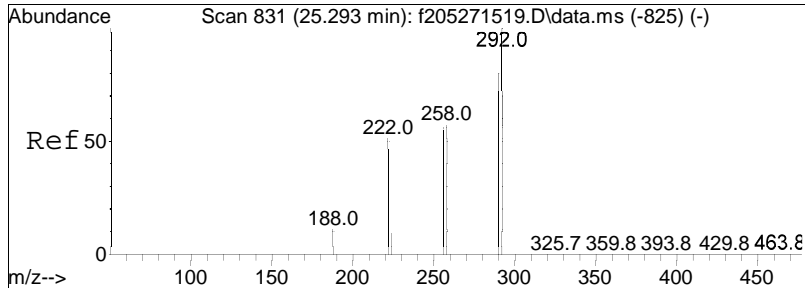




#30
 C13-BZ#23
 Concen: 77.72 ng/mL
 RT: 24.290 min Scan# 1643
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

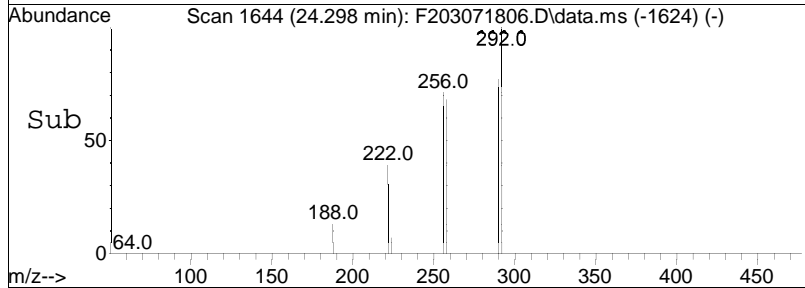
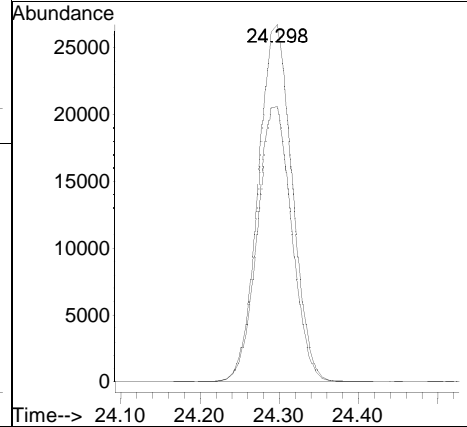
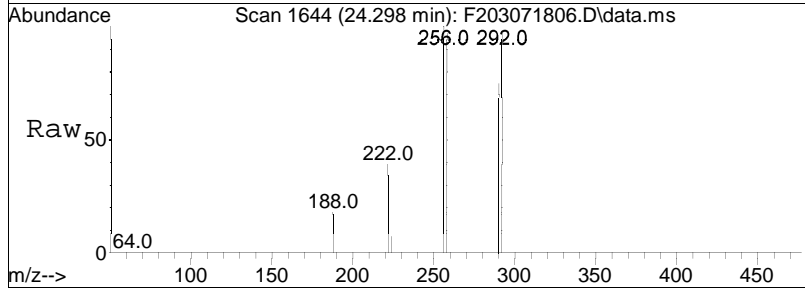
Tgt Ion: 256 Resp: 85276
 Ion Ratio Lower Upper
 256 100
 258 95.5 76.7 115.1

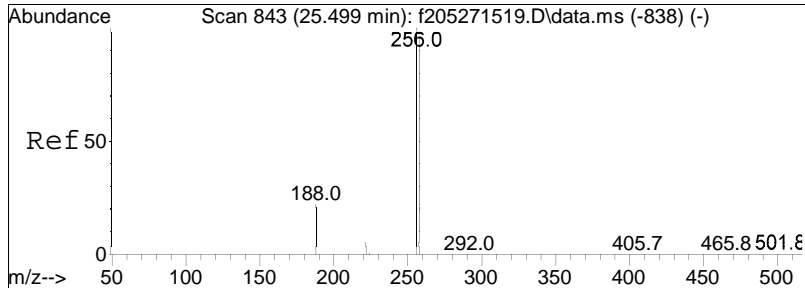




#31
 Cl4-BZ#54-RTW
 Concen: 77.10 ng/mL
 RT: 24.298 min Scan# 1644
 Delta R.T. 0.008 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

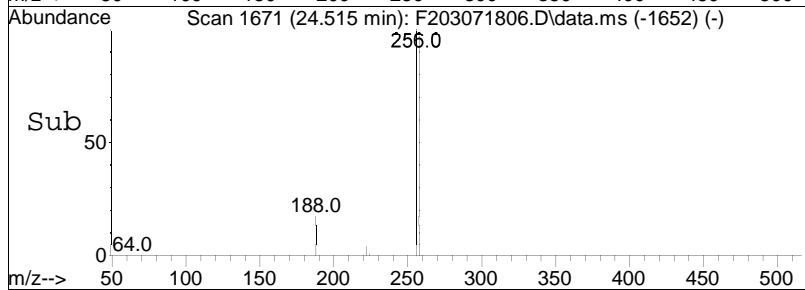
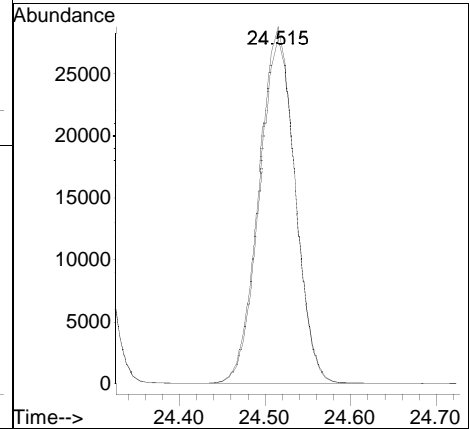
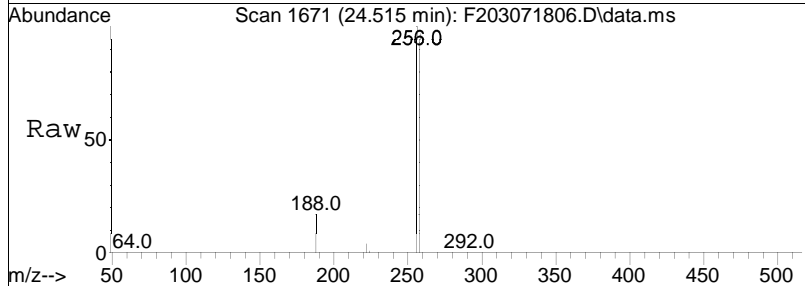
Tgt Ion: 292 Resp: 78859
 Ion Ratio Lower Upper
 292 100
 290 78.0 63.5 95.3

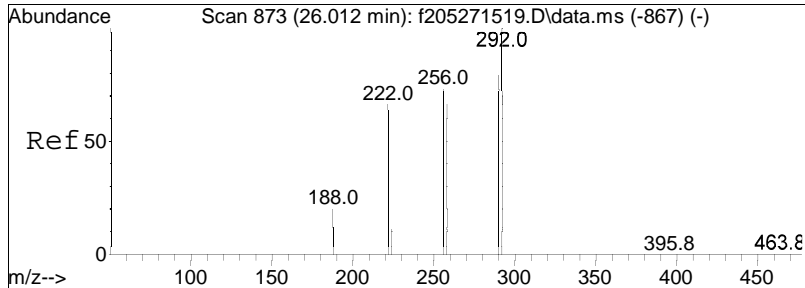




#32
 Cl3-BZ#29-Cal
 Concen: 75.83 ng/mL
 RT: 24.515 min Scan# 1671
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

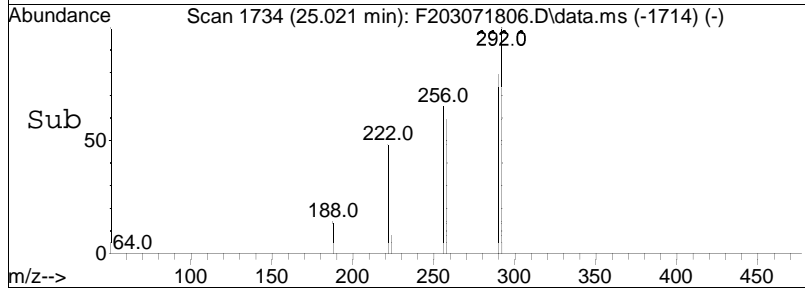
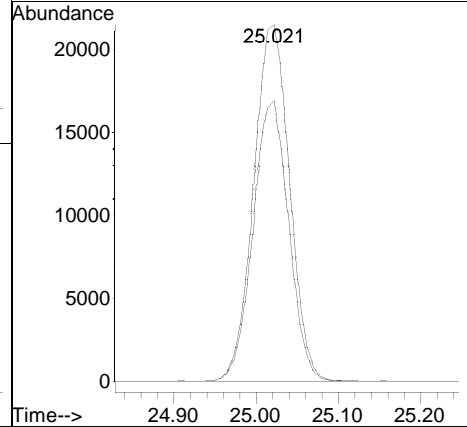
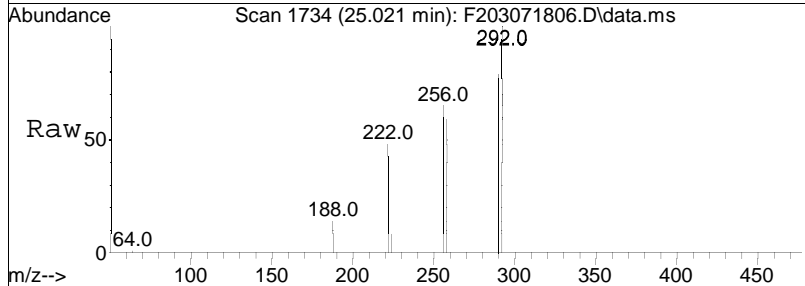
Tgt Ion	Resp	Lower	Upper
256	100		
258	96.6	76.6	115.0

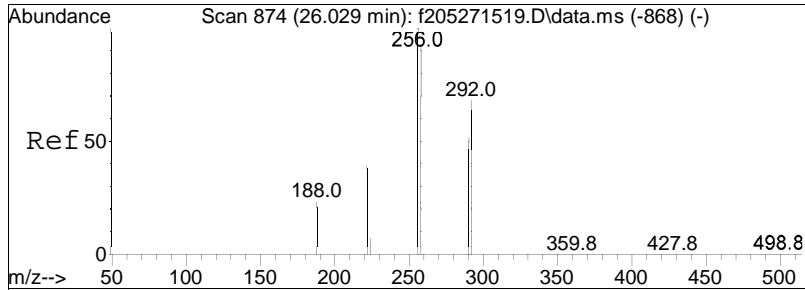




#35
 Cl4-BZ#50-Cal
 Concen: 75.79 ng/mL
 RT: 25.021 min Scan# 1734
 Delta R.T. 0.008 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

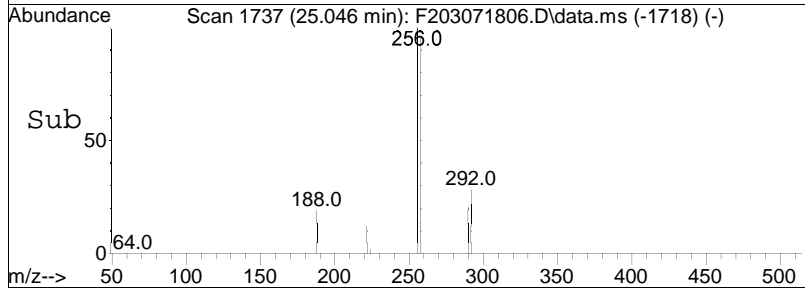
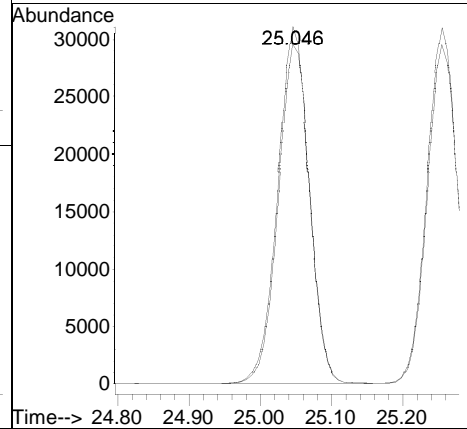
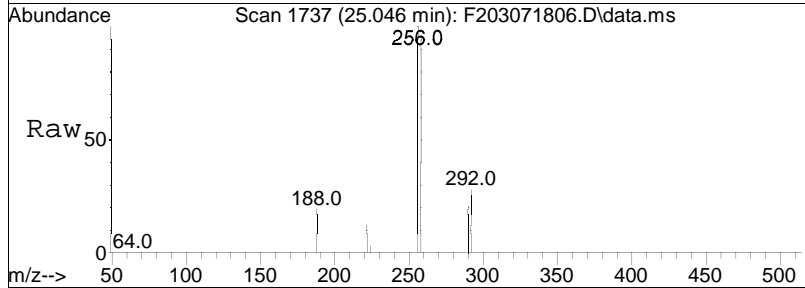
Tgt Ion: 292 Resp: 64769
 Ion Ratio Lower Upper
 292 100
 290 78.1 63.6 95.4

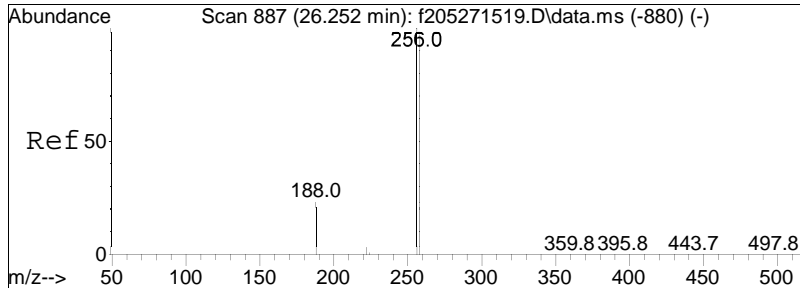




#38
 C13-BZ#26
 Concen: 76.17 ng/mL
 RT: 25.046 min Scan# 1737
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

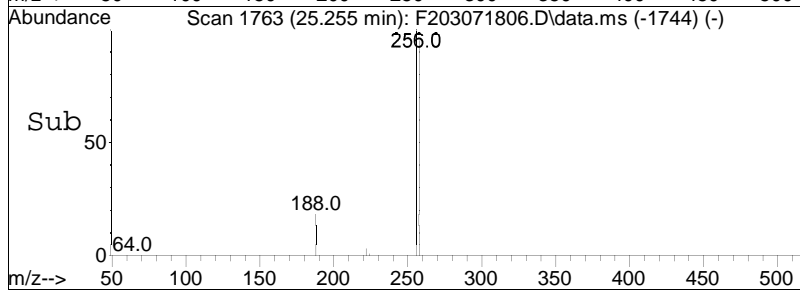
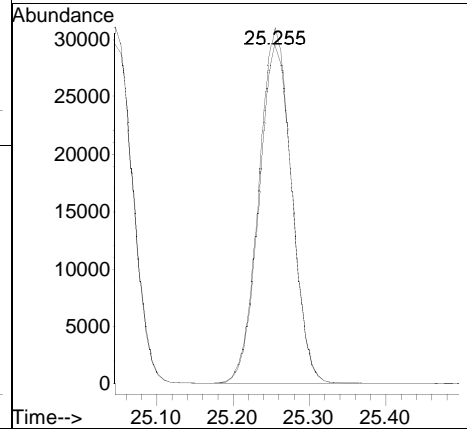
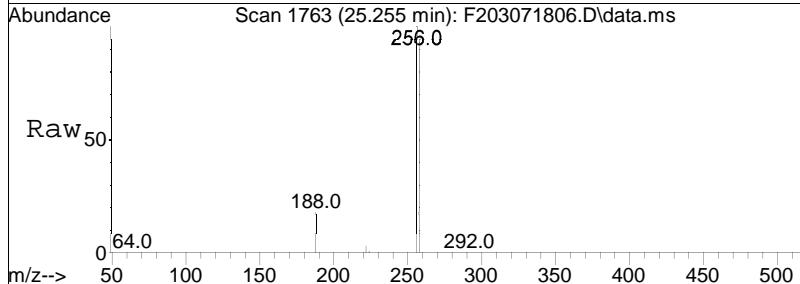
Tgt Ion: 256 Resp: 94631
 Ion Ratio Lower Upper
 256 100
 258 95.1 76.6 115.0

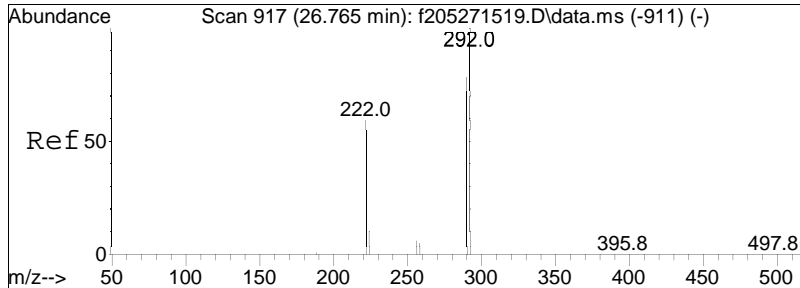




#39
 C13-BZ#25
 Concen: 75.82 ng/mL
 RT: 25.255 min Scan# 1763
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

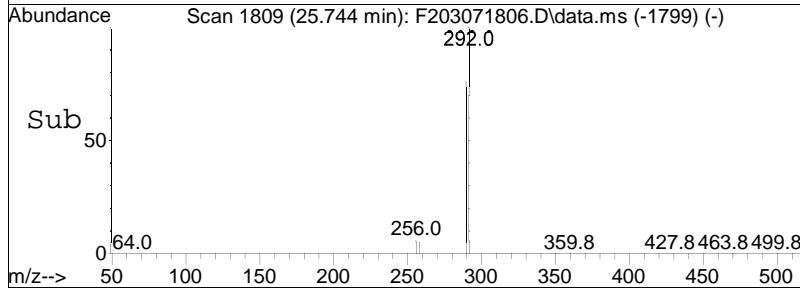
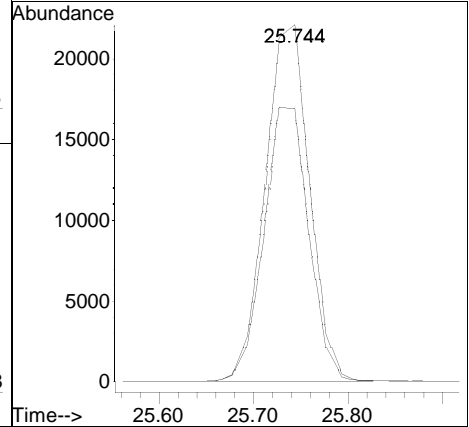
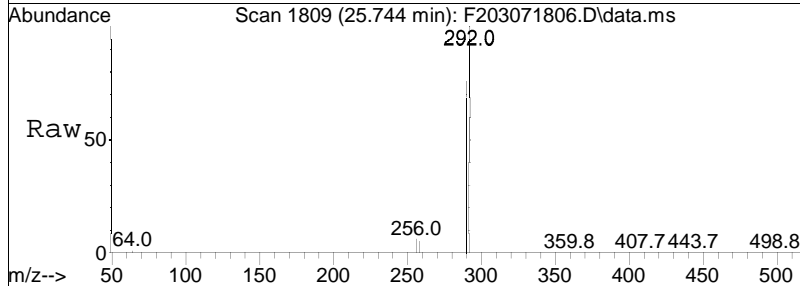
Tgt Ion	Resp	Lower	Upper
256	100		
258	95.2	77.5	116.3

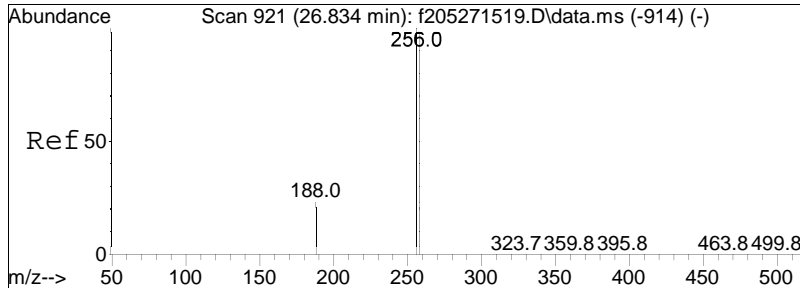




#40
 Cl4-BZ#53
 Concen: 76.07 ng/mL
 RT: 25.744 min Scan# 1809
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

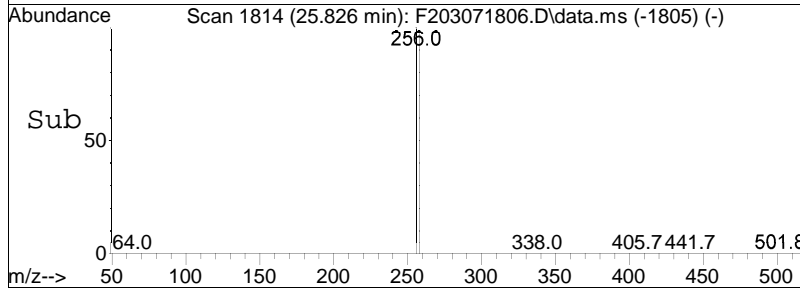
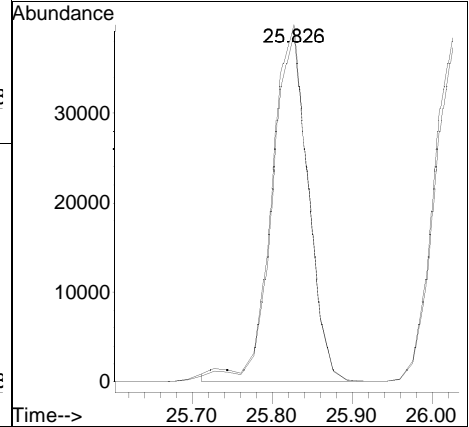
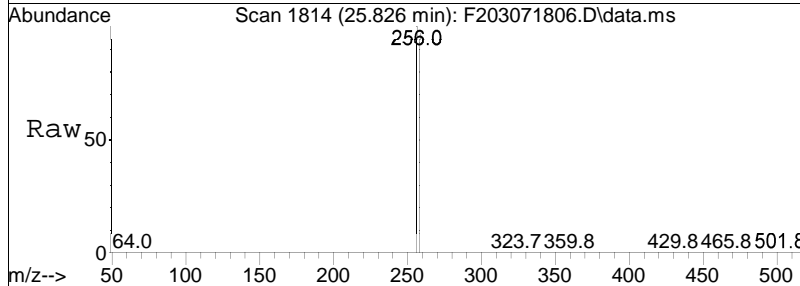
Tgt Ion	Resp	Lower	Upper
292	100		
290	77.5	62.4	93.6

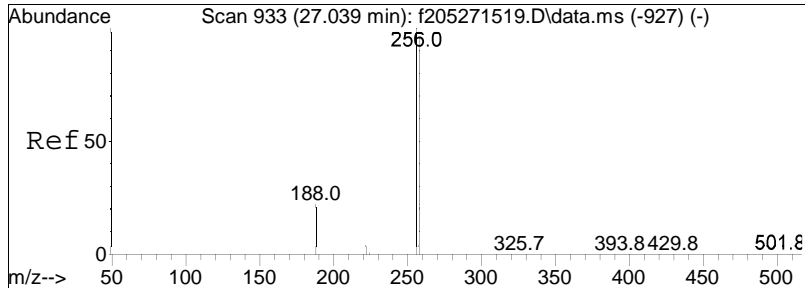




#41
 C13-BZ#-31
 Concen: 75.15 ng/mL
 RT: 25.826 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

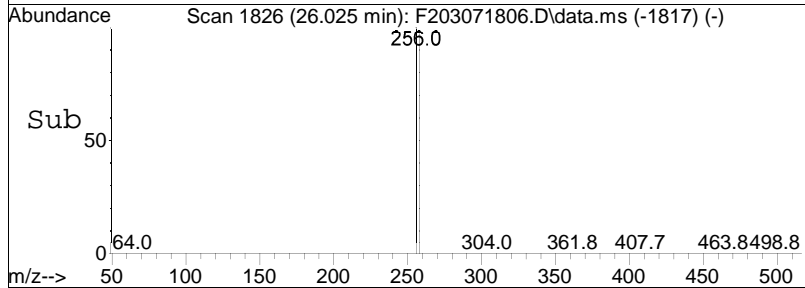
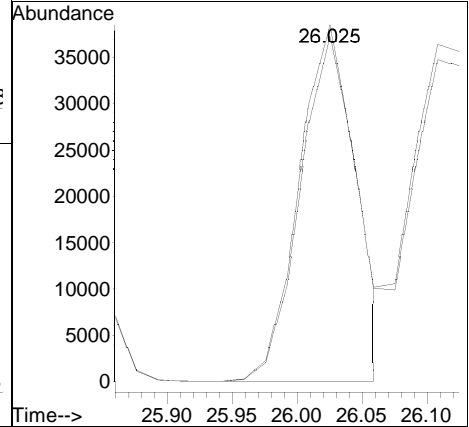
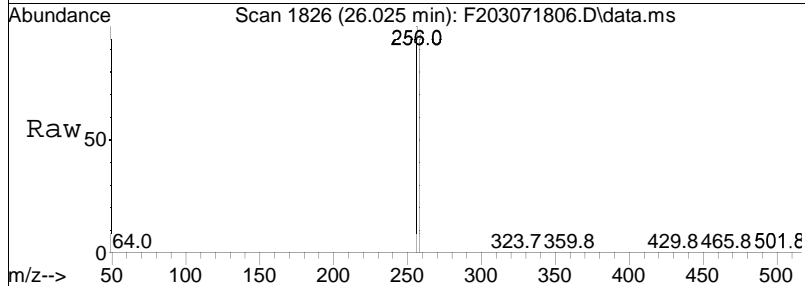
Tgt Ion	Resp	Lower	Upper
256	100		
258	96.4	78.6	117.8

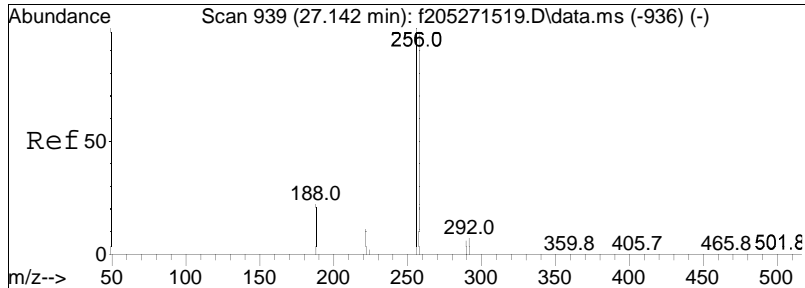




#42
 C13-BZ#28
 Concen: 71.14 ng/mL
 RT: 26.025 min Scan# 1826
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

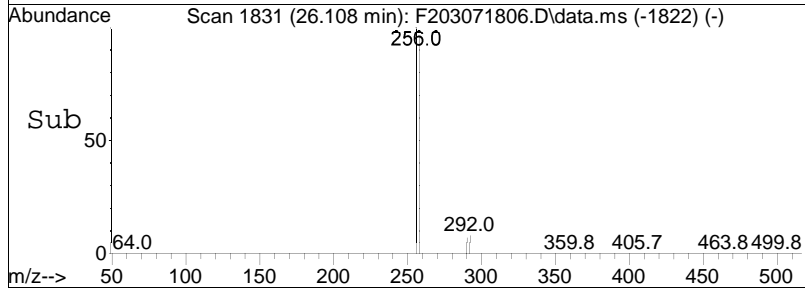
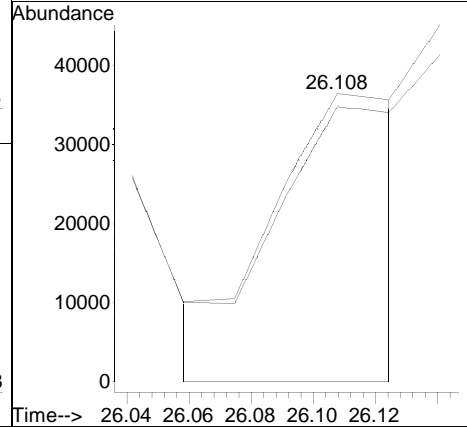
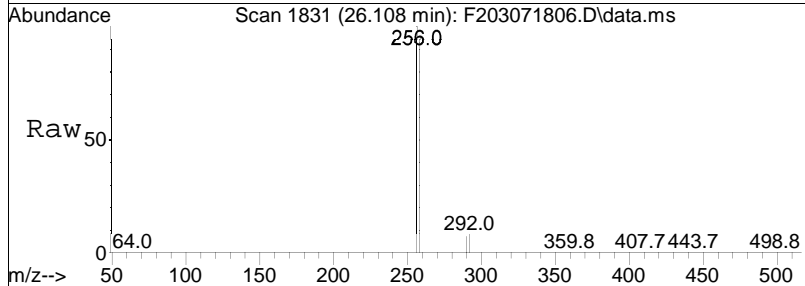
Tgt Ion: 256 Resp: 117059
 Ion Ratio Lower Upper
 256 100
 258 96.9 77.5 116.3

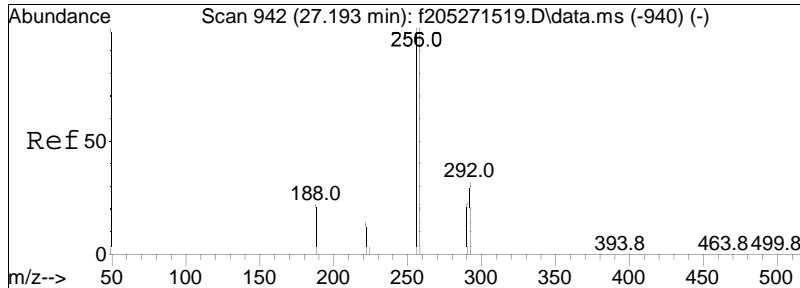




#43
 C13-BZ#33
 Concen: 91.37 ng/mL M4
 RT: 26.108 min Scan# 1831
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

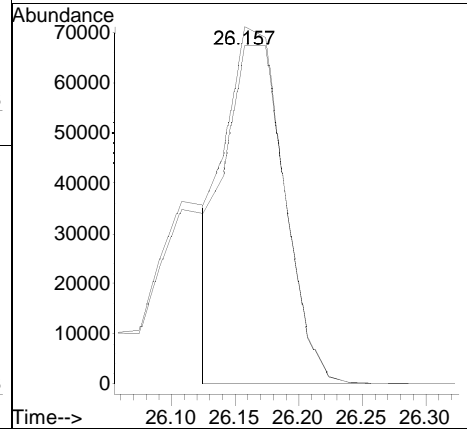
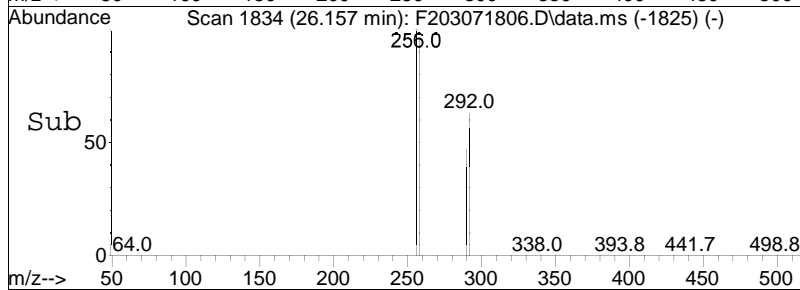
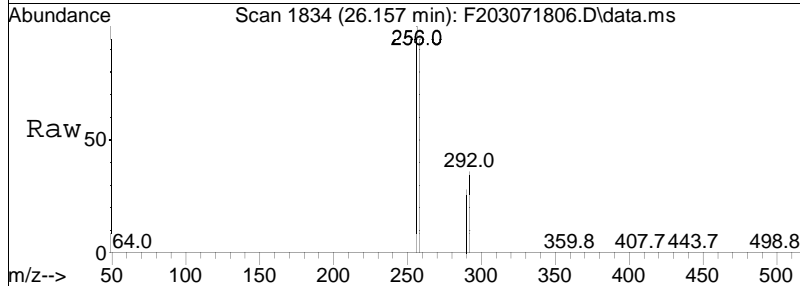
Tgt Ion: 256 Resp: 107173
 Ion Ratio Lower Upper
 256 100
 258 95.6 76.2 114.4

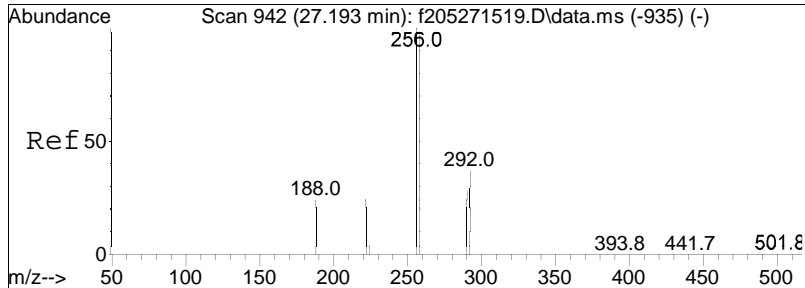




#44
 C13-BZ#21/#20
 Concen: 154.48 ng/mL M4
 RT: 26.157 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

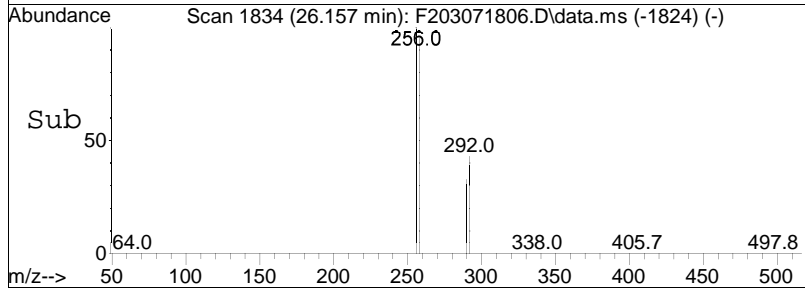
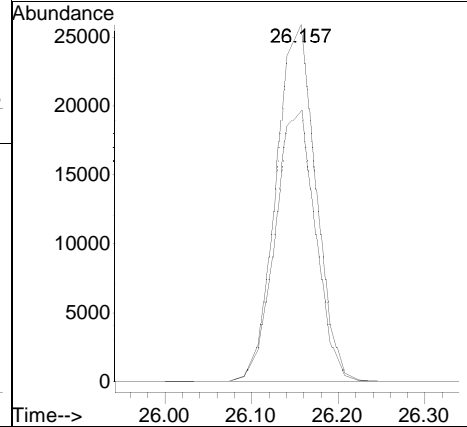
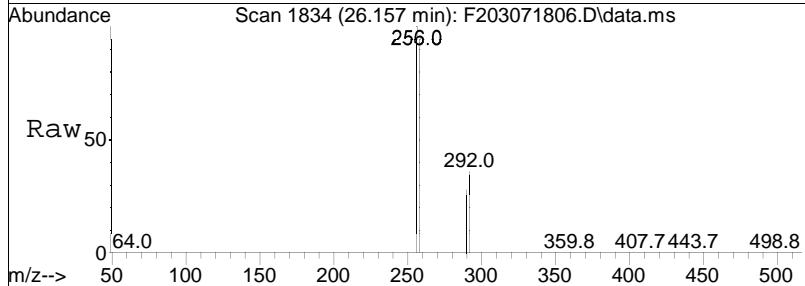
Tgt Ion: 256 Resp: 229472
 Ion Ratio Lower Upper
 256 100
 258 135.4 77.8 116.8#

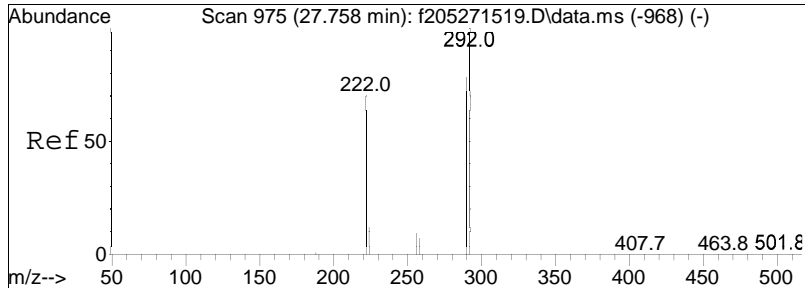




#45
 Cl4-BZ#51
 Concen: 79.14 ng/mL
 RT: 26.157 min Scan# 1834
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

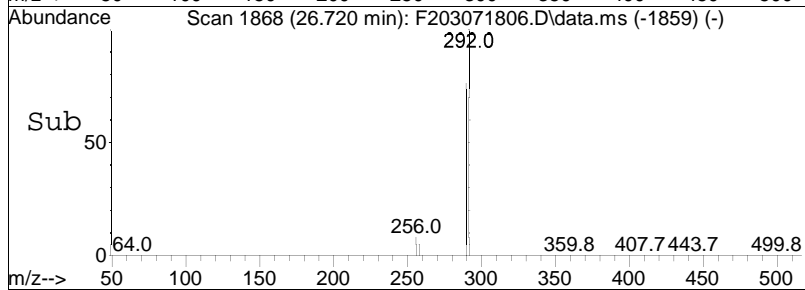
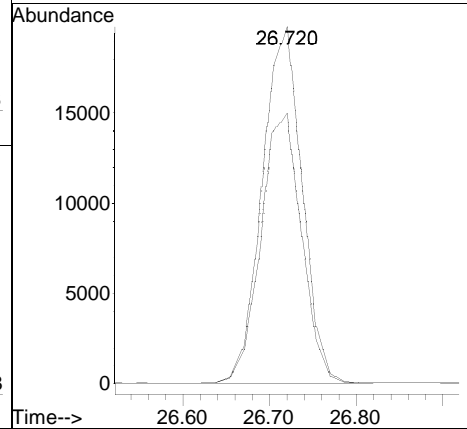
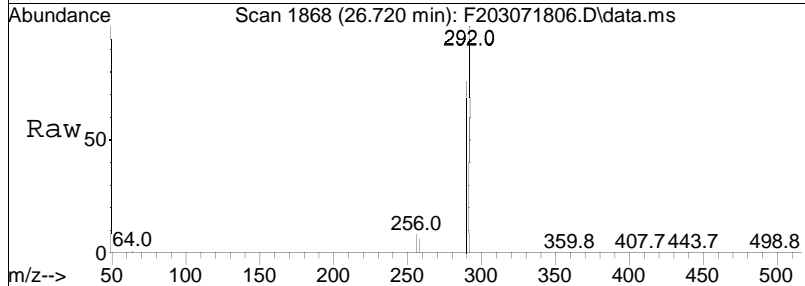
Tgt Ion	Resp	Lower	Upper
292	100		
290	77.1	61.4	92.2

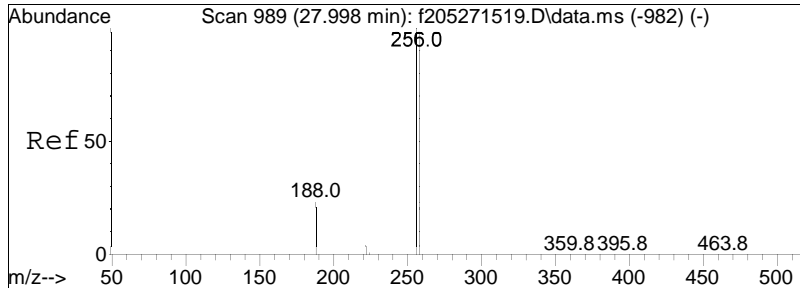




#46
 Cl4-BZ#45
 Concen: 77.27 ng/mL
 RT: 26.720 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

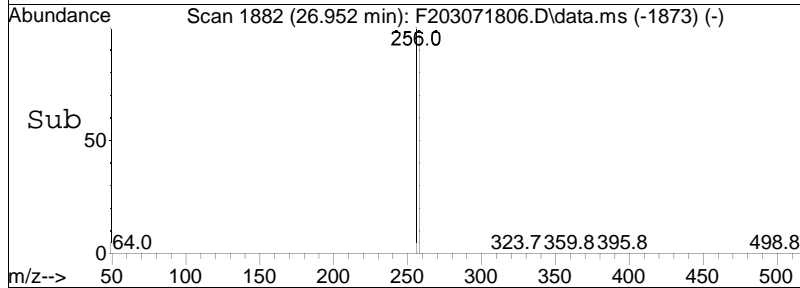
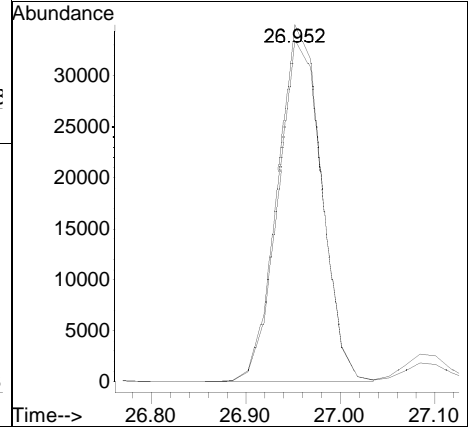
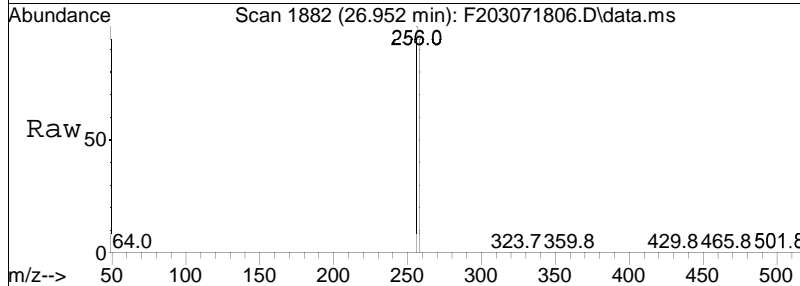
Tgt Ion	Resp	Lower	Upper
292	100		
290	77.2	62.6	93.8

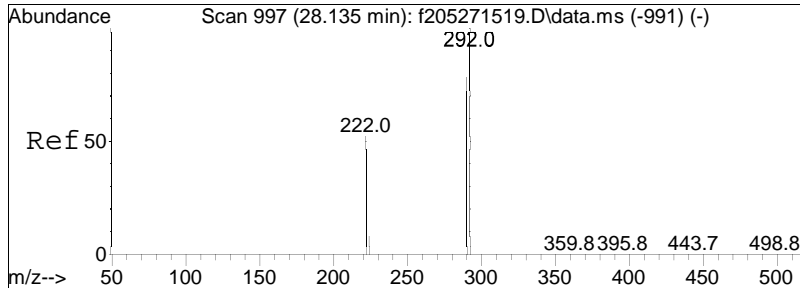




#47
 C13-BZ#22
 Concen: 77.62 ng/mL
 RT: 26.952 min Scan# 1882
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

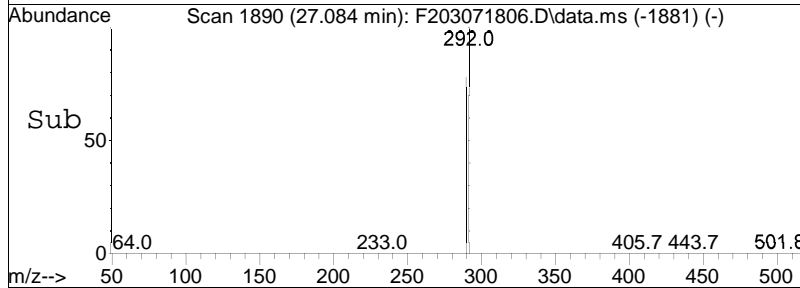
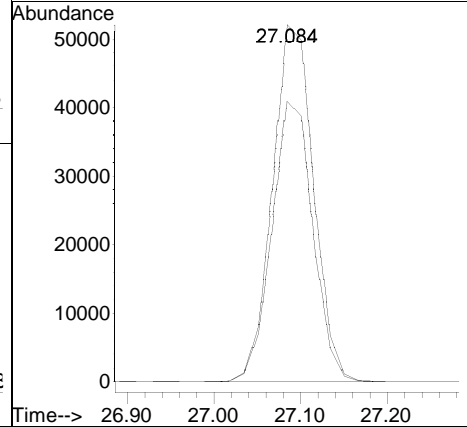
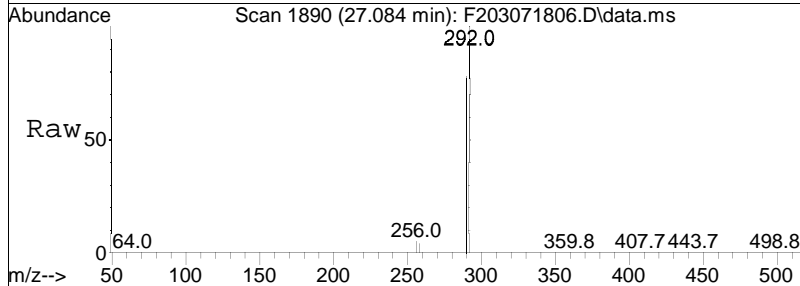
Tgt Ion: 256 Resp: 112330
 Ion Ratio Lower Upper
 256 100
 258 95.7 75.4 113.0

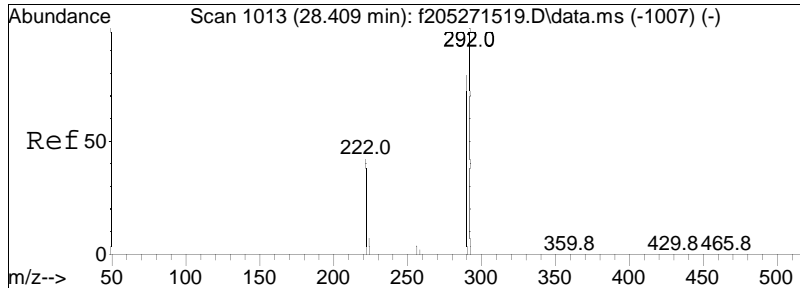




#48
 Cl4-BZ#73/#46
 Concen: 157.36 ng/mL
 RT: 27.084 min Scan# 1890
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

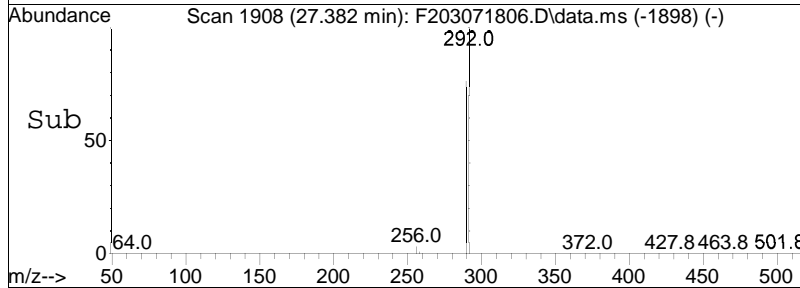
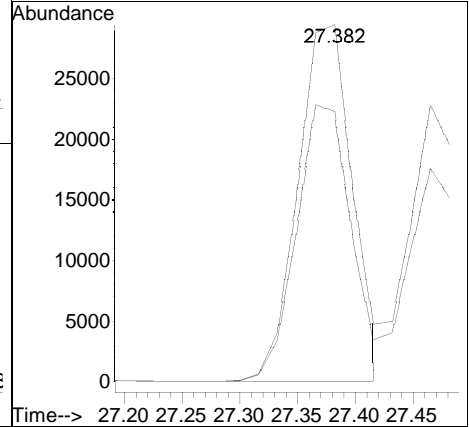
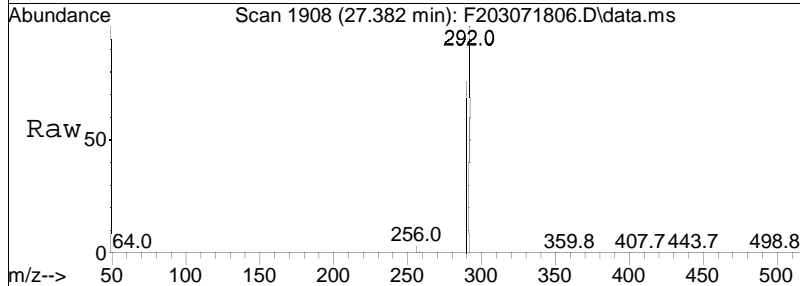
Tgt Ion: 292 Resp: 170902
 Ion Ratio Lower Upper
 292 100
 290 78.3 62.4 93.6

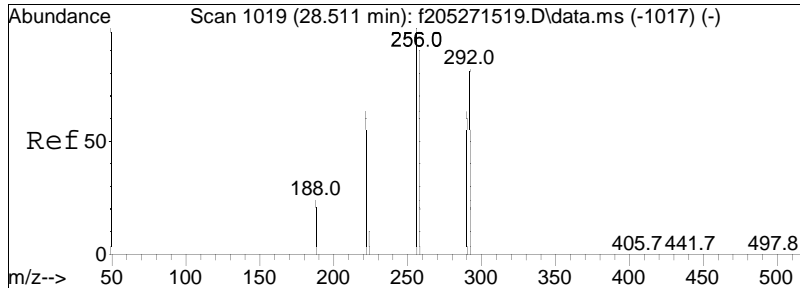




#49
 Cl4-BZ#69
 Concen: 74.61 ng/mL
 RT: 27.382 min Scan# 1908
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

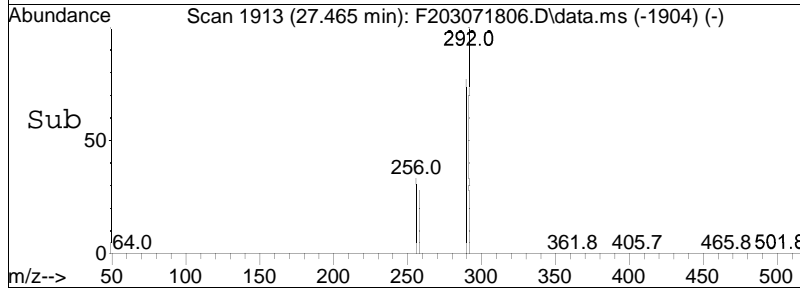
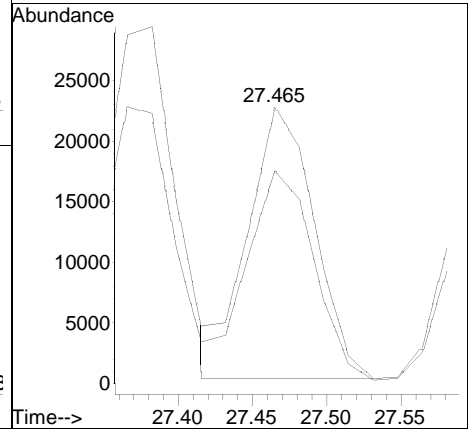
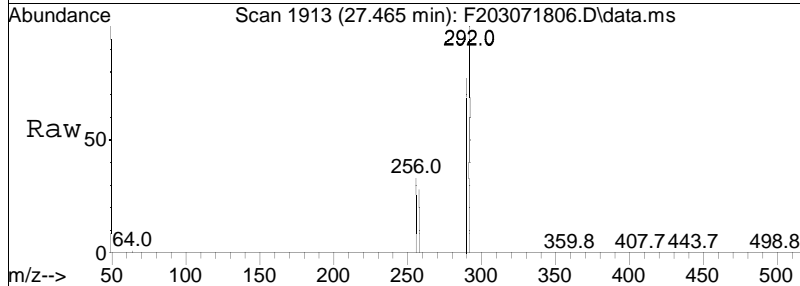
Tgt Ion: 292 Resp: 96827
 Ion Ratio Lower Upper
 292 100
 290 77.7 62.0 93.0

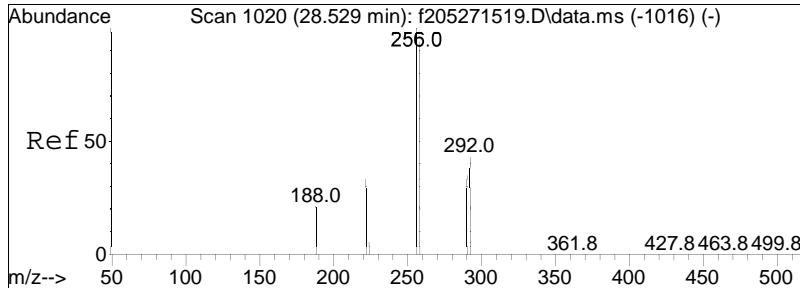




#50
 C14-BZ#43
 Concen: 80.69 ng/mL
 RT: 27.465 min Scan# 1913
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

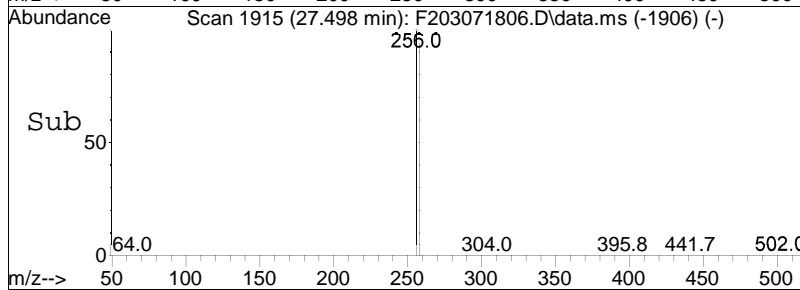
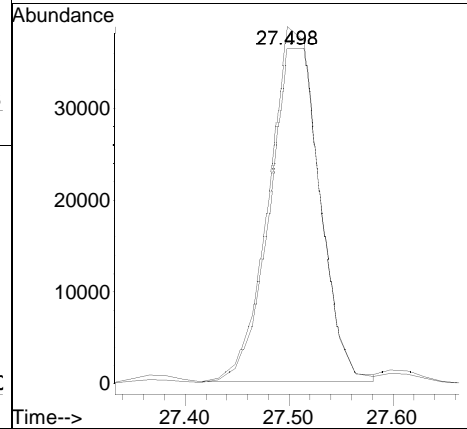
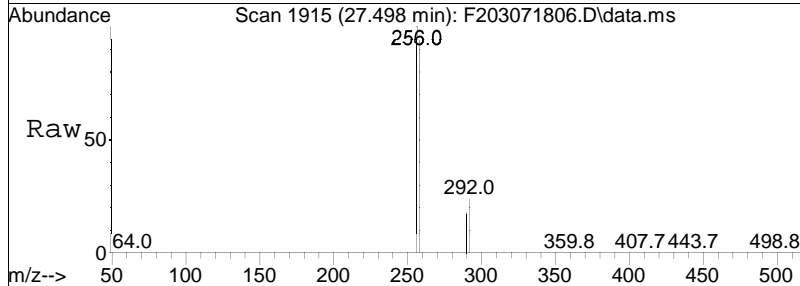
Tgt Ion: 292 Resp: 69161
 Ion Ratio Lower Upper
 292 100
 290 78.2 60.5 90.7

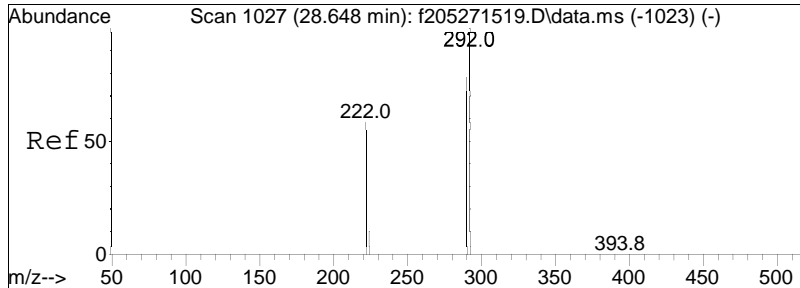




#51
 C13-BZ#36
 Concen: 80.64 ng/mL
 RT: 27.498 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

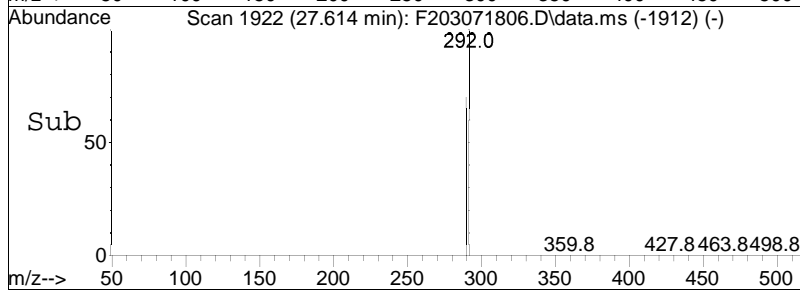
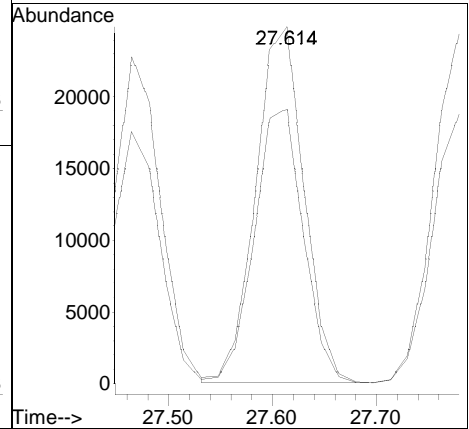
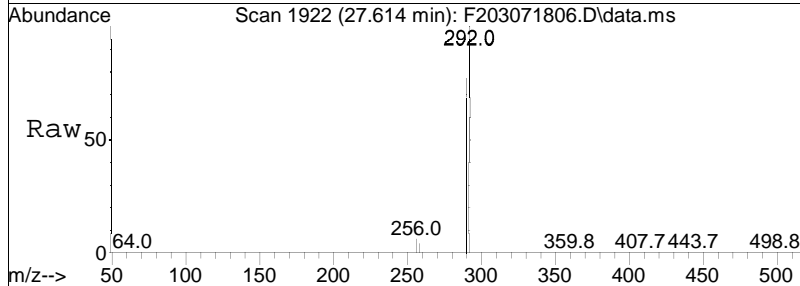
Tgt Ion	Resp	Lower	Upper
256	100		
258	95.2	77.4	116.0

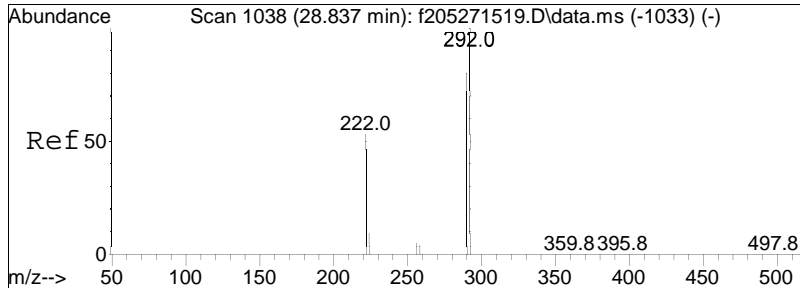




#52
 C14-BZ#52
 Concen: 75.71 ng/mL
 RT: 27.614 min Scan# 1922
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

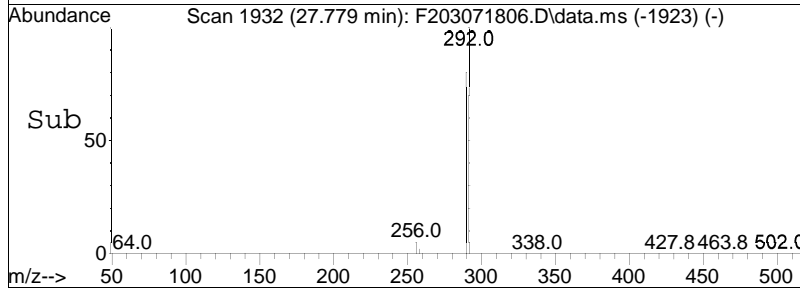
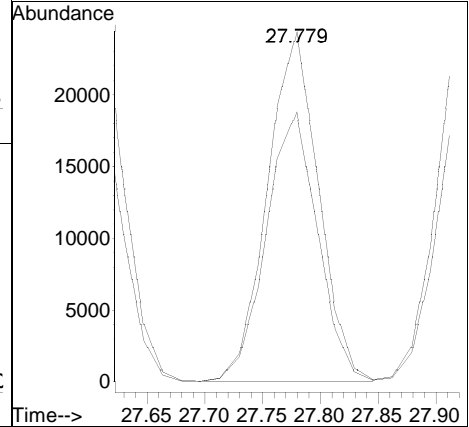
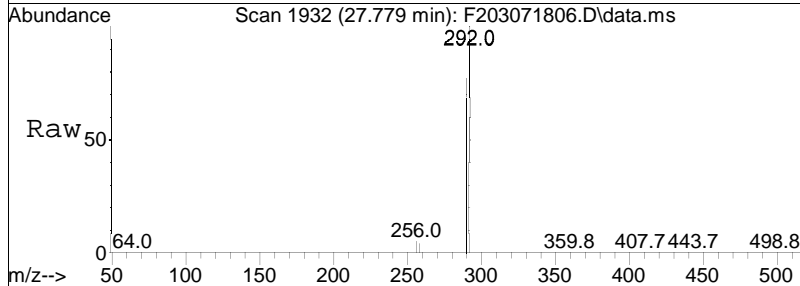
Tgt Ion	Resp	Lower	Upper
292	100		
290	77.0	60.8	91.2

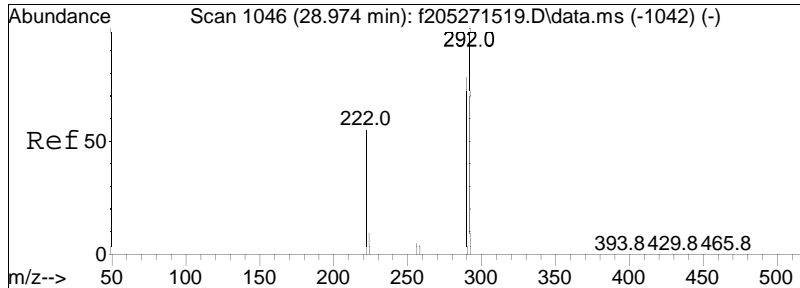




#53
 Cl4-BZ#48
 Concen: 79.20 ng/mL
 RT: 27.779 min Scan# 1932
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

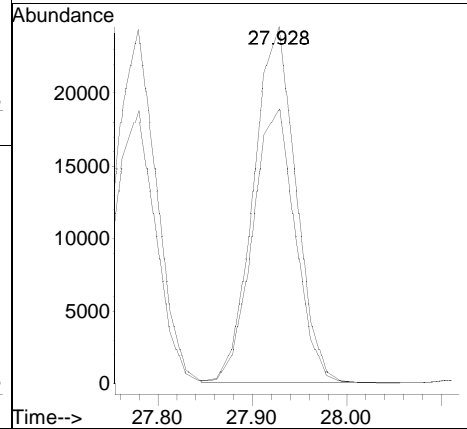
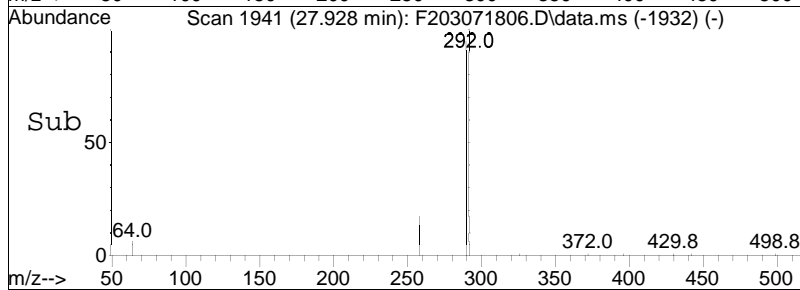
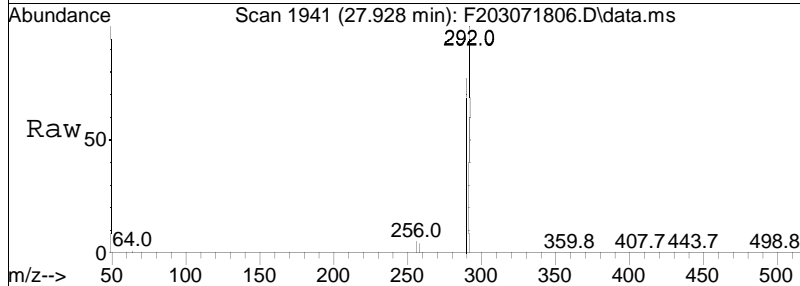
Tgt Ion	Resp	Lower	Upper
292	100		
290	76.9	61.0	91.6

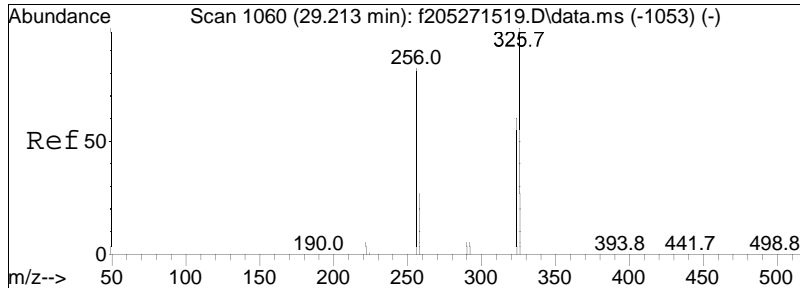




#54
 Cl4-BZ#49
 Concen: 75.68 ng/mL
 RT: 27.928 min Scan# 1941
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

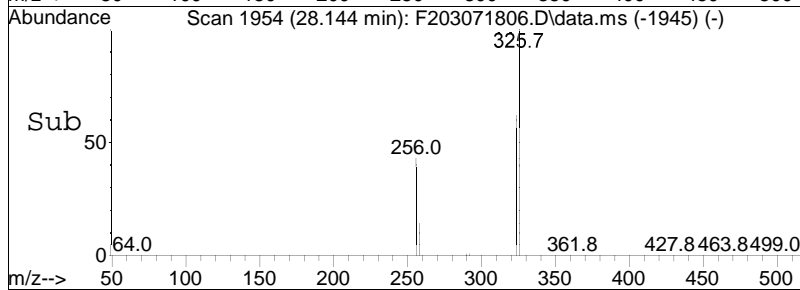
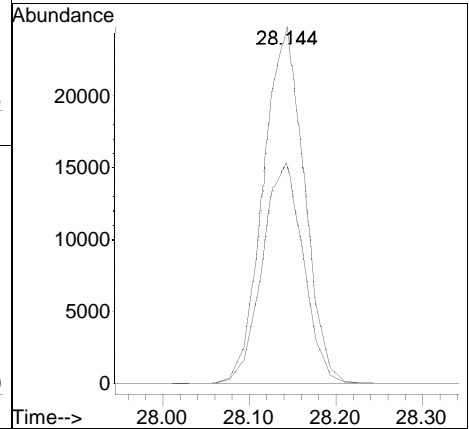
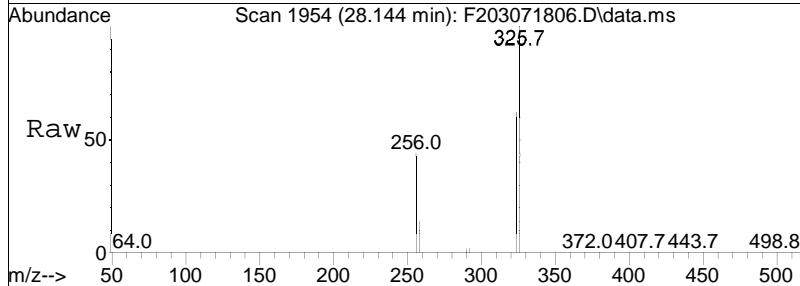
Tgt Ion	Resp	Lower	Upper
292	100		
290	77.0	62.1	93.1

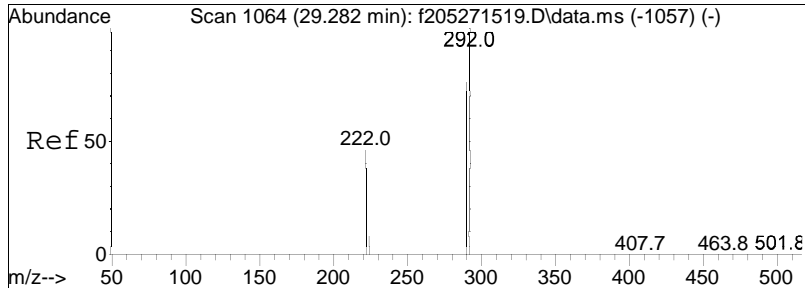




#55
 C15-BZ#104-RTW
 Concen: 77.53 ng/mL
 RT: 28.144 min Scan# 1954
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

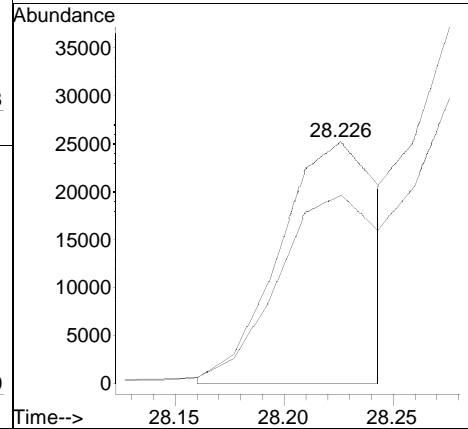
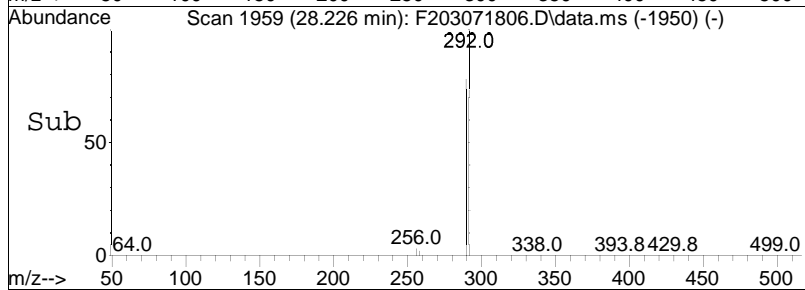
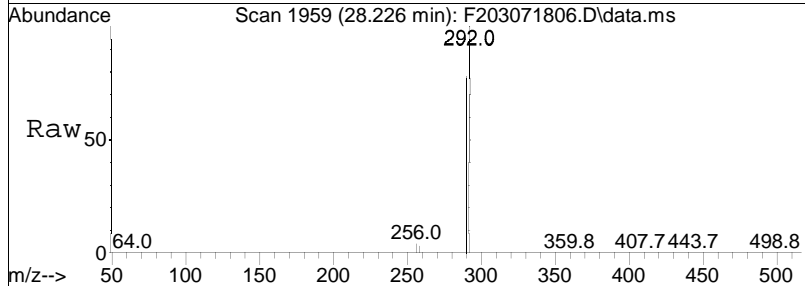
Tgt Ion: 326 Resp: 80743
 Ion Ratio Lower Upper
 326 100
 324 62.1 48.4 72.6

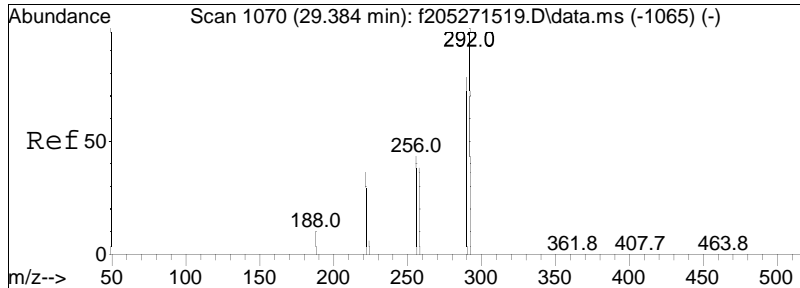




#56
 Cl4-BZ#47
 Concen: 74.84 ng/mL M4
 RT: 28.226 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

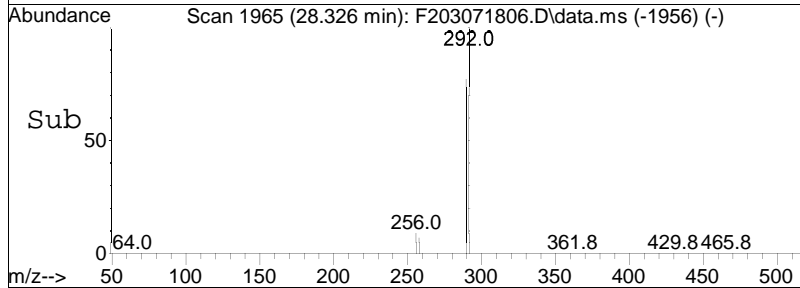
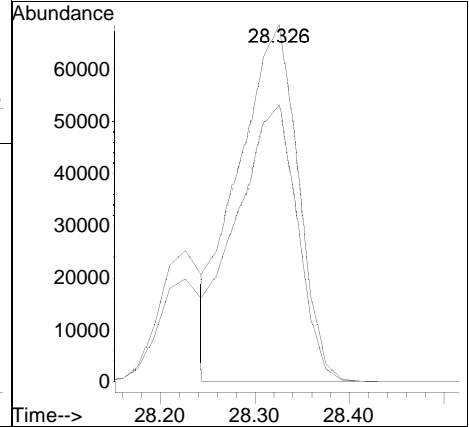
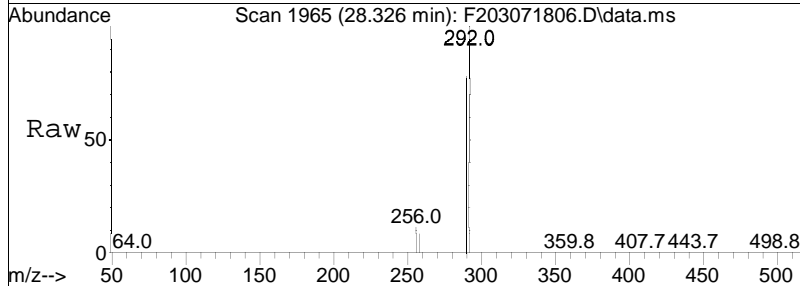
Tgt Ion	Resp	Lower	Upper
292	100		
290	0.0	63.0	94.4#

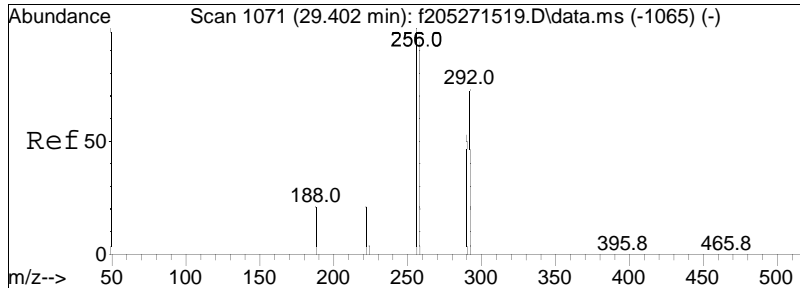




#57
 C14-BZ#65/#75/#62
 Concen: 238.08 ng/mL
 RT: 28.326 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

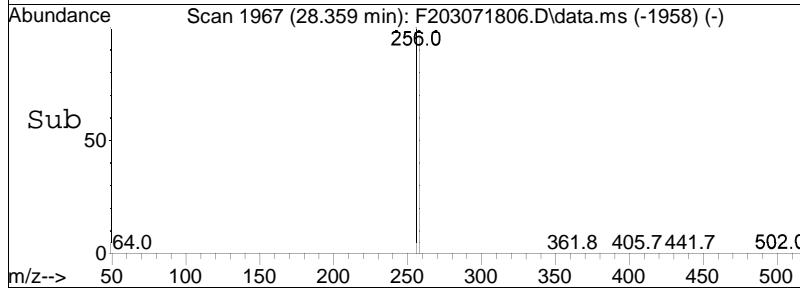
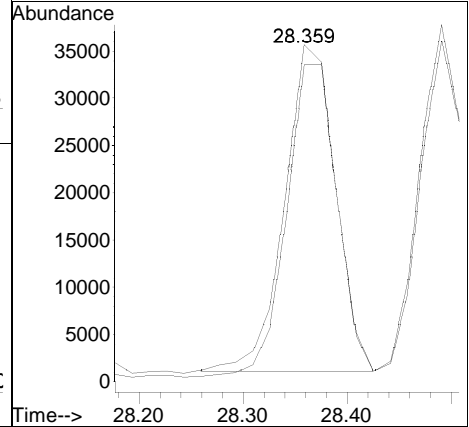
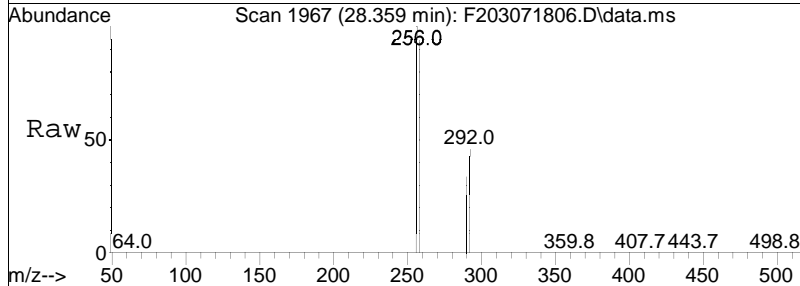
Tgt Ion	Resp	Lower	Upper
292	100		
290	77.9	63.0	94.6

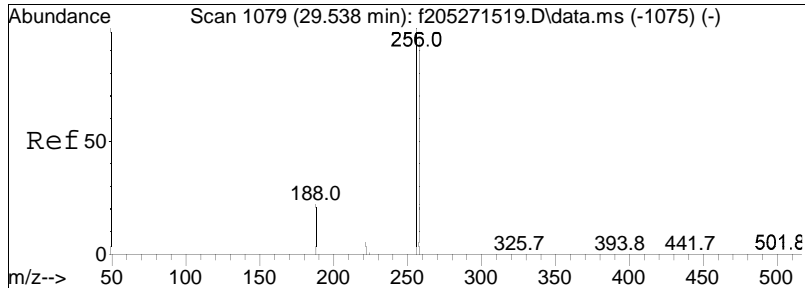




#58
 C13-BZ#39
 Concen: 79.18 ng/mL
 RT: 28.359 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

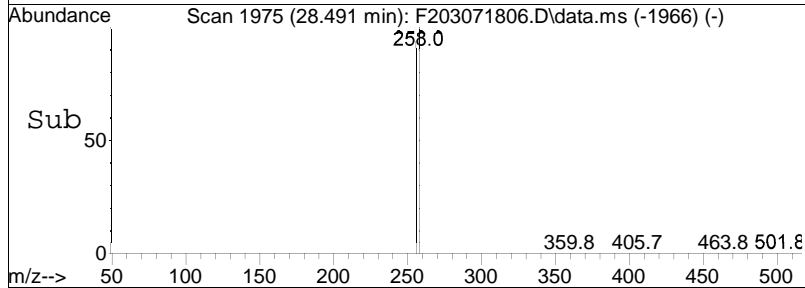
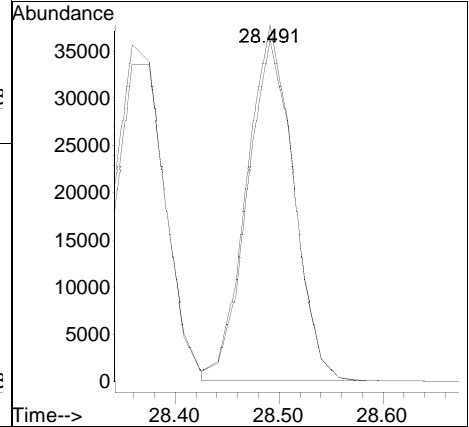
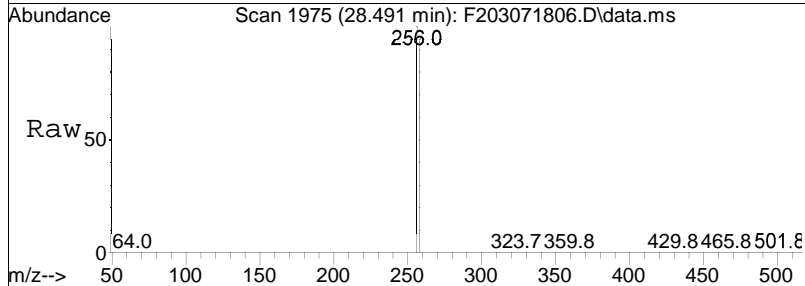
Tgt Ion	Resp	Lower	Upper
256	100		
258	95.4	76.2	114.2

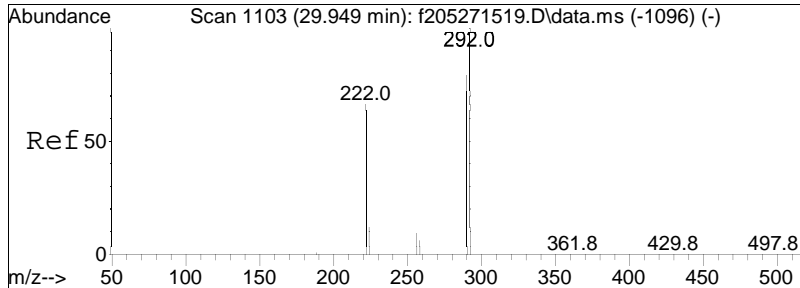




#59
 C13-BZ#38
 Concen: 81.75 ng/mL
 RT: 28.491 min Scan# 1975
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

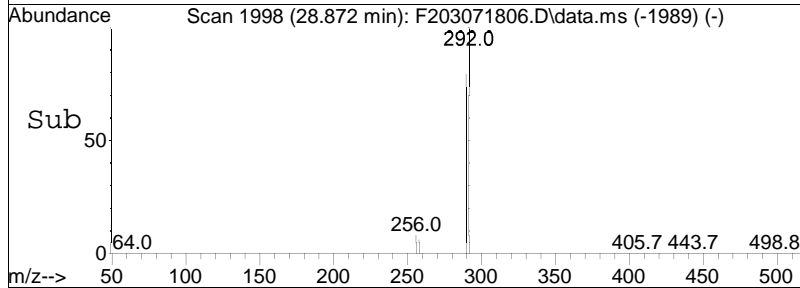
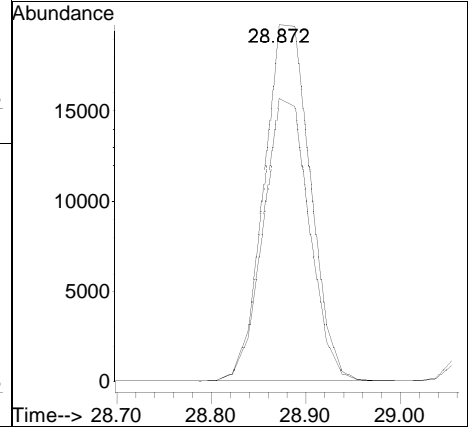
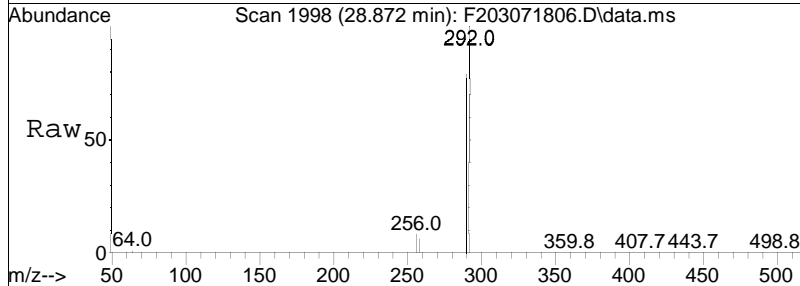
Tgt Ion	Resp	Lower	Upper
256	100		
258	95.8	74.9	112.3

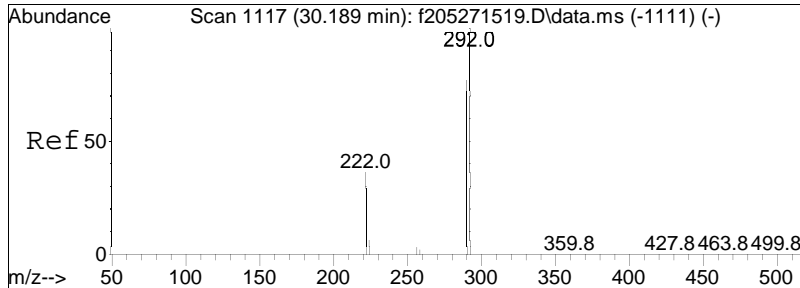




#60
 C14-BZ#44
 Concen: 76.54 ng/mL
 RT: 28.872 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

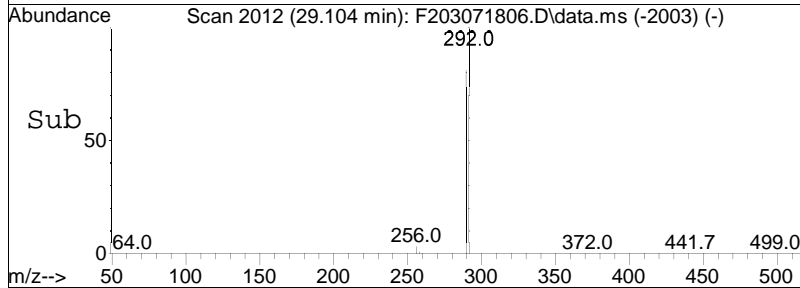
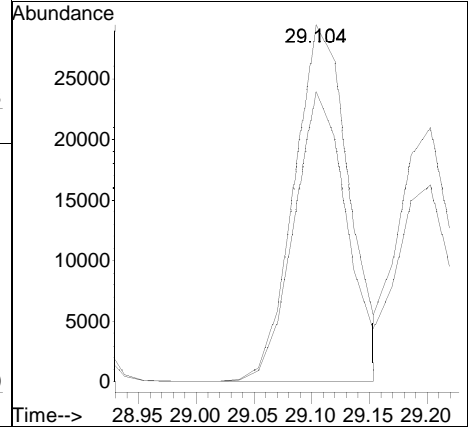
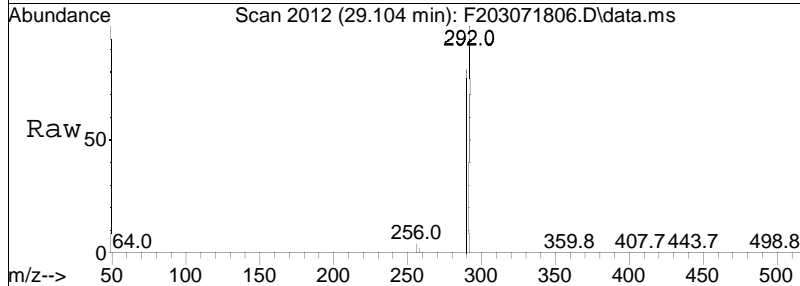
Tgt Ion: 292 Resp: 67201
 Ion Ratio Lower Upper
 292 100
 290 79.3 63.1 94.7

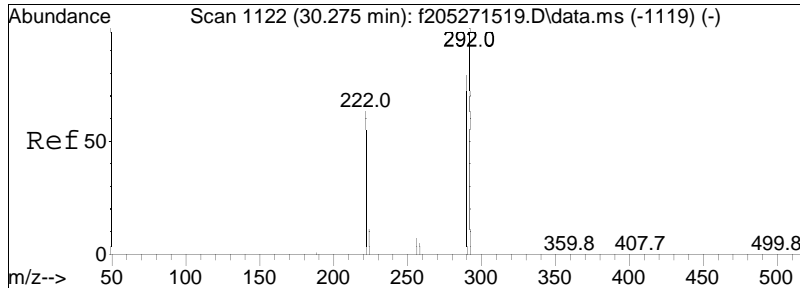




#61
 Cl4-BZ#59
 Concen: 76.02 ng/mL
 RT: 29.104 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

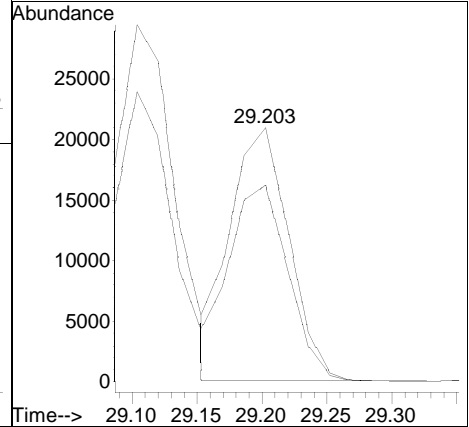
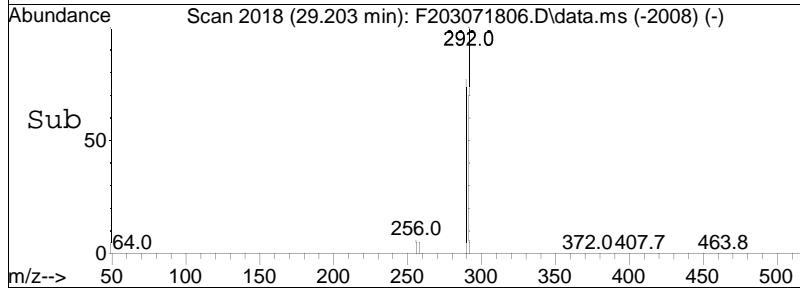
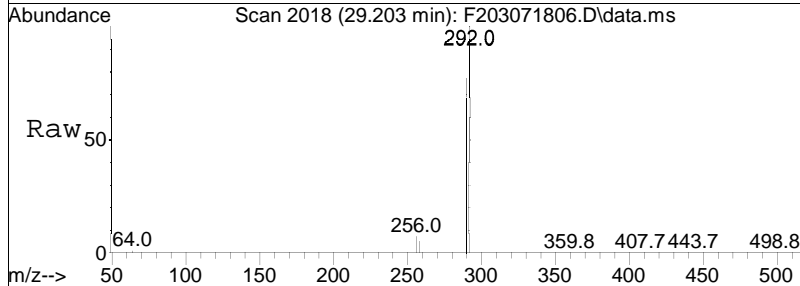
Tgt Ion: 292 Resp: 97881
 Ion Ratio Lower Upper
 292 100
 290 78.7 64.0 96.0

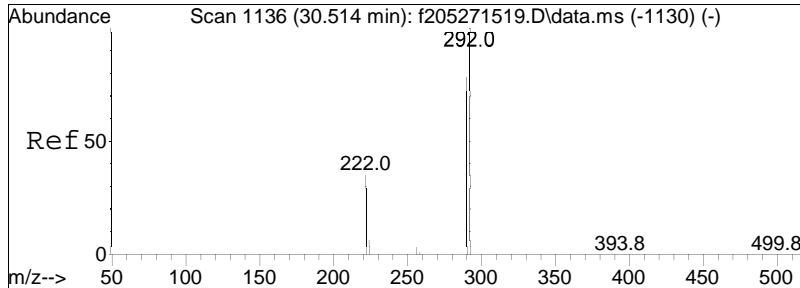




#62
 C14-BZ#42
 Concen: 78.93 ng/mL
 RT: 29.203 min Scan# 2018
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

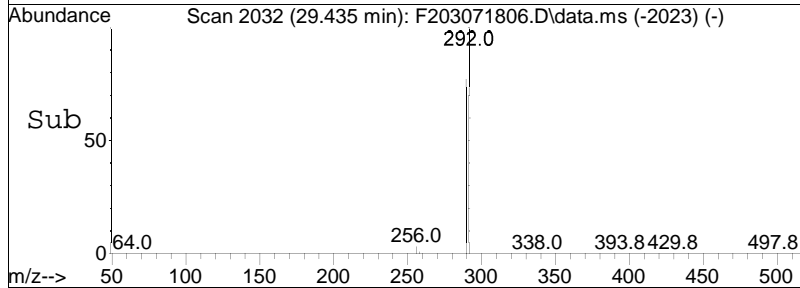
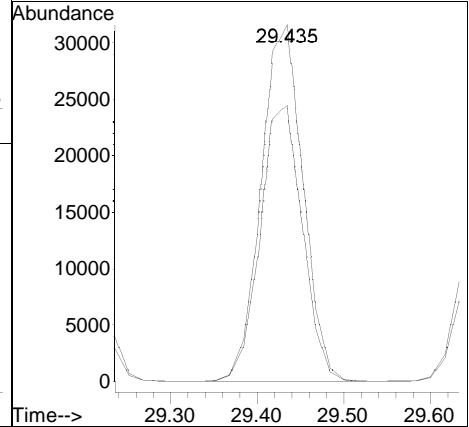
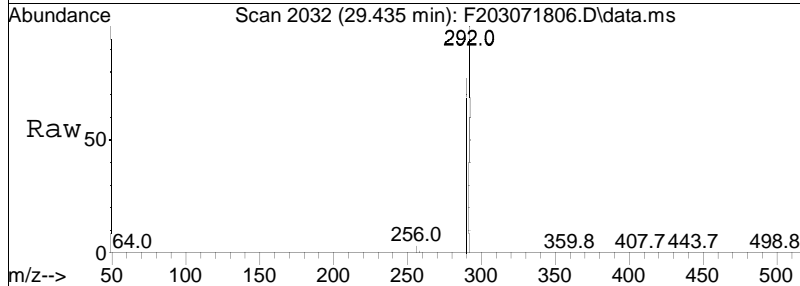
Tgt Ion	Resp	Lower	Upper
292	100		
290	77.3	64.3	96.5

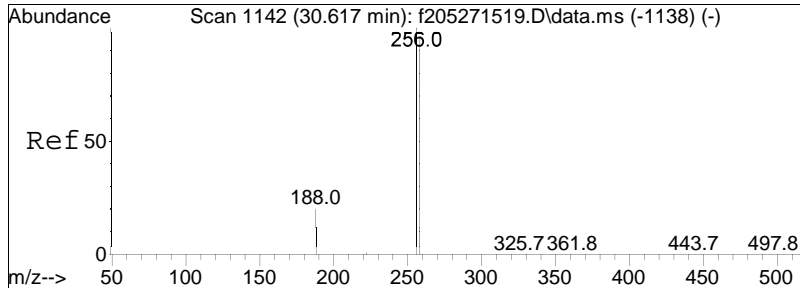




#63
 Cl4-BZ#71
 Concen: 77.76 ng/mL
 RT: 29.435 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

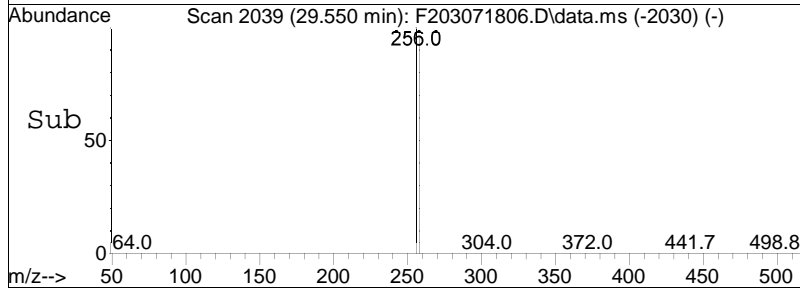
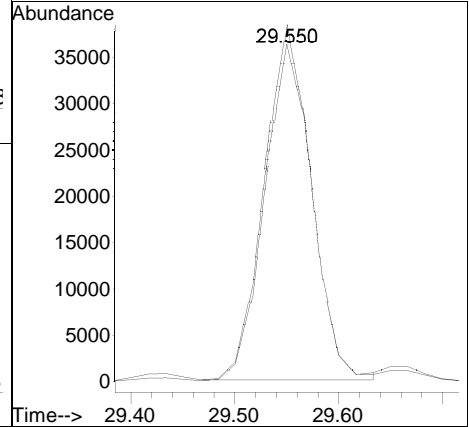
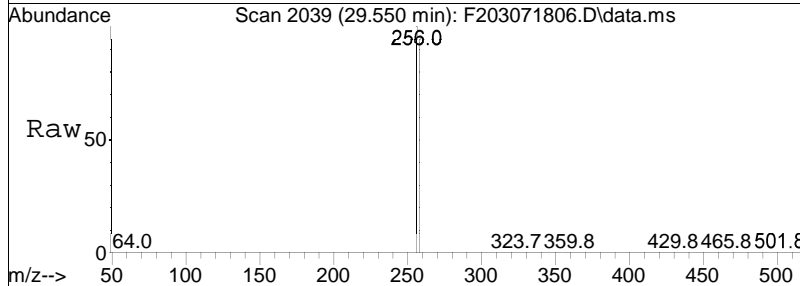
Tgt Ion: 292 Resp: 105156
 Ion Ratio Lower Upper
 292 100
 290 78.1 62.8 94.2

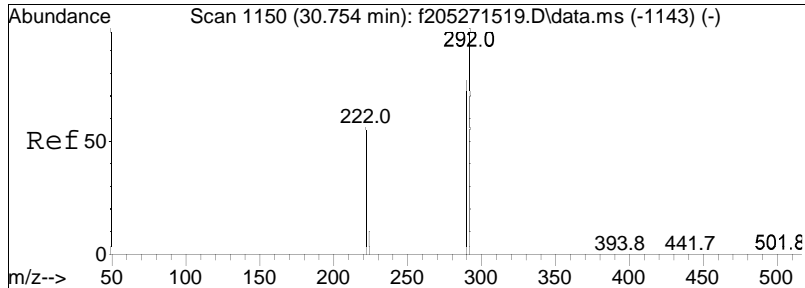




#64
 C13-BZ#35
 Concen: 80.26 ng/mL
 RT: 29.550 min Scan# 2039
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

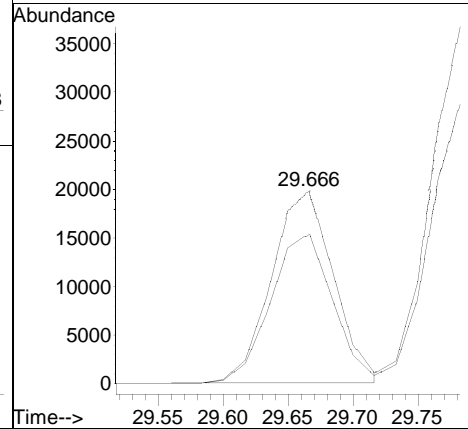
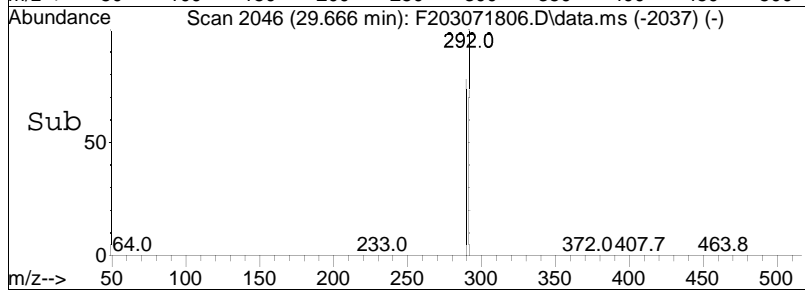
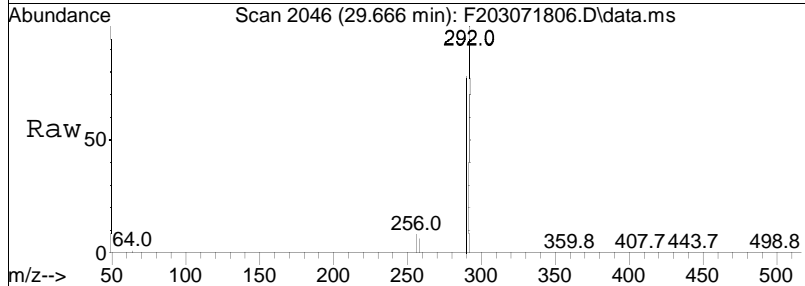
Tgt Ion	Resp	Lower	Upper
256	100		
258	96.1	77.2	115.8

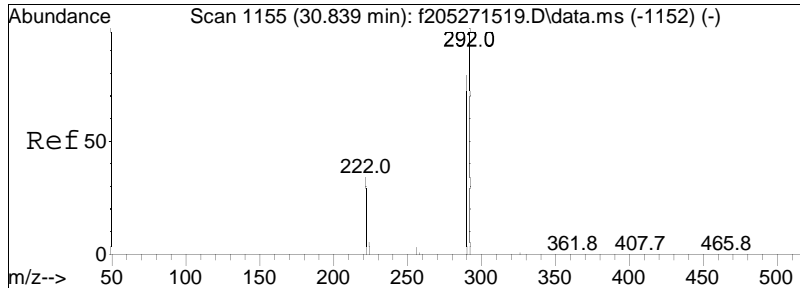




#65
 Cl4-BZ#41
 Concen: 79.68 ng/mL
 RT: 29.666 min Scan# 2046
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

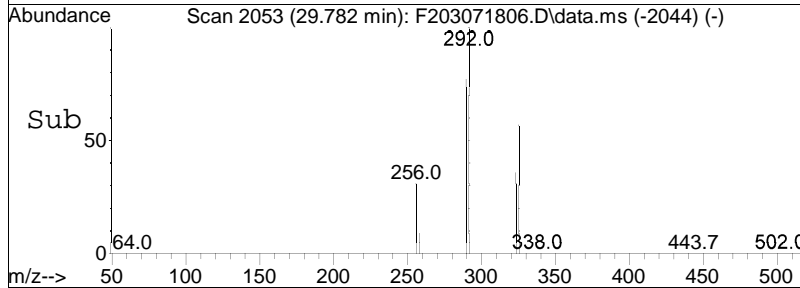
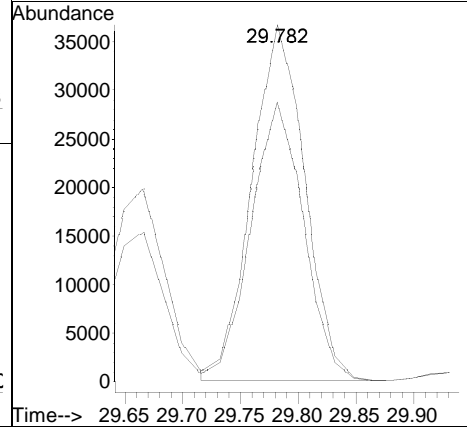
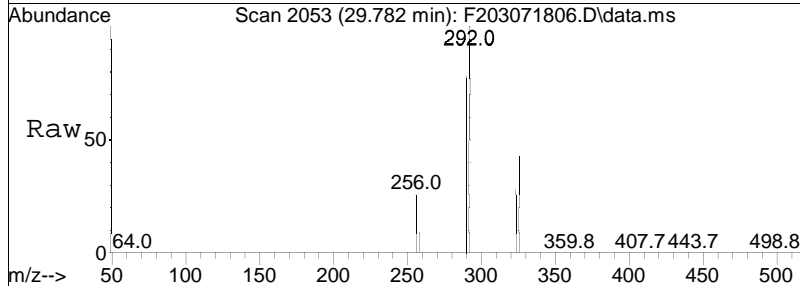
Tgt Ion: 292 Resp: 65432
 Ion Ratio Lower Upper
 292 100
 290 78.3 63.0 94.4

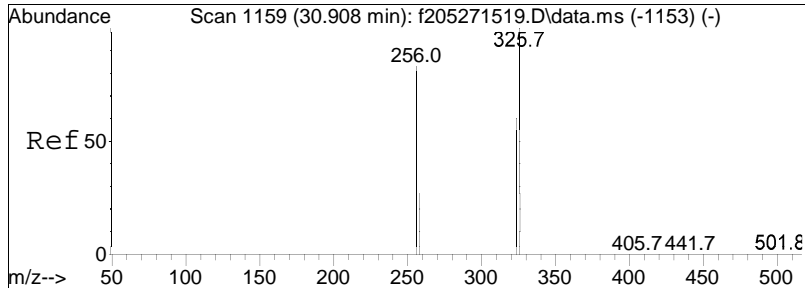




#66
 C14-BZ#72
 Concen: 82.35 ng/mL
 RT: 29.782 min Scan# 2053
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

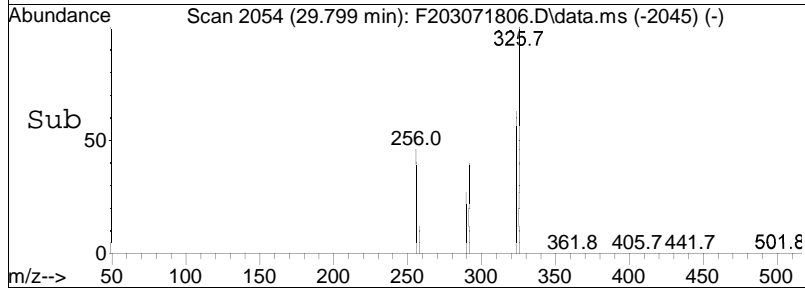
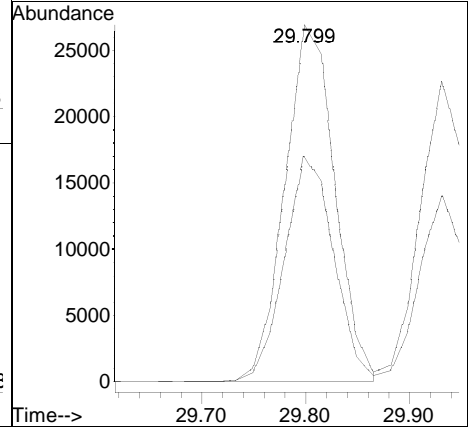
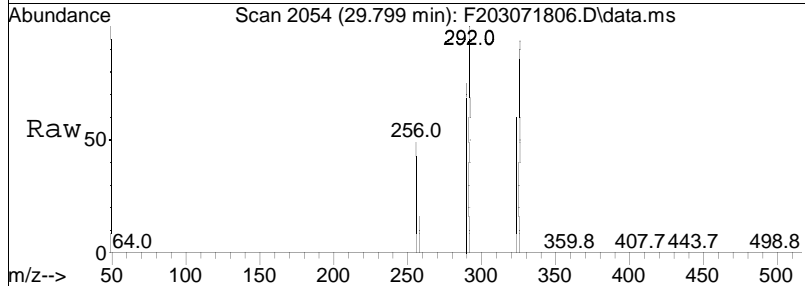
Tgt Ion: 292 Resp: 116534
 Ion Ratio Lower Upper
 292 100
 290 77.8 62.6 93.8

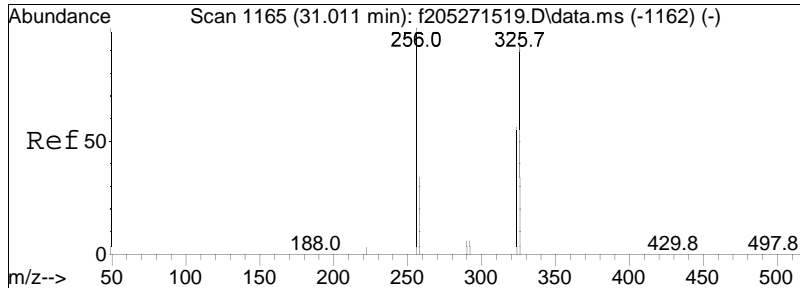




#67
 C15-BZ#96
 Concen: 79.65 ng/mL
 RT: 29.799 min Scan# 2054
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

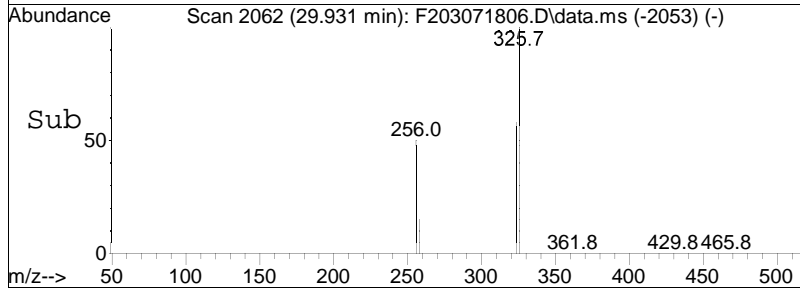
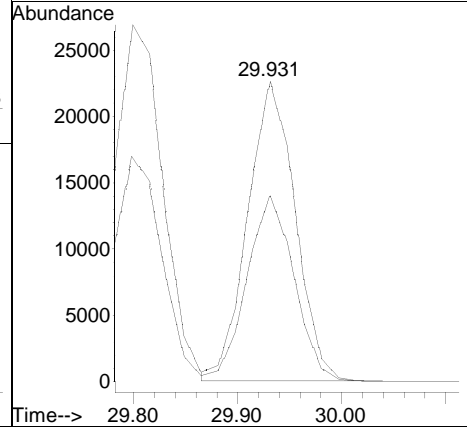
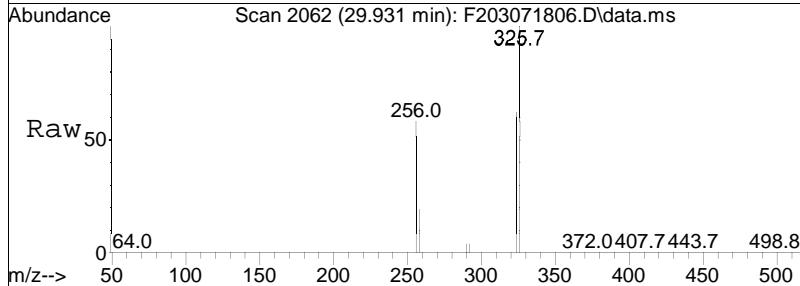
Tgt Ion: 326 Resp: 89701
 Ion Ratio Lower Upper
 326 100
 324 62.4 47.2 70.8

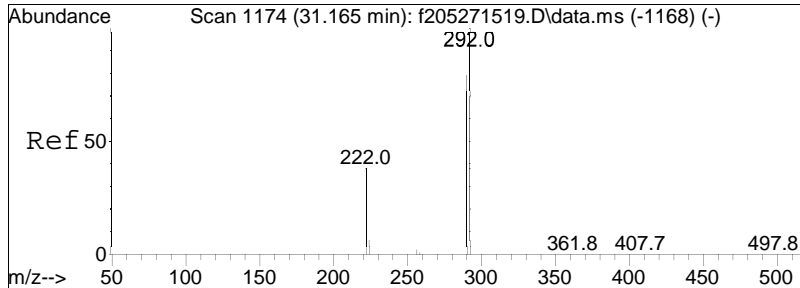




#68
 C15-BZ#103
 Concen: 81.91 ng/mL
 RT: 29.931 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

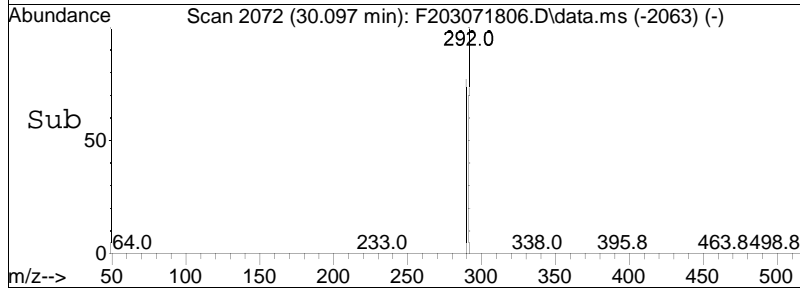
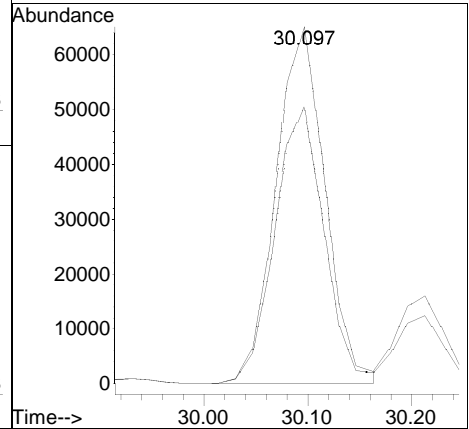
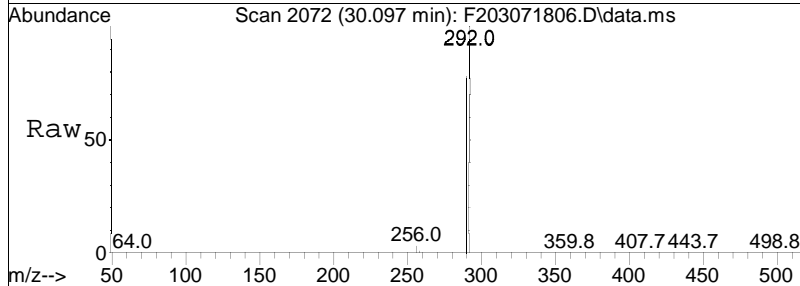
Tgt Ion: 326 Resp: 71307
 Ion Ratio Lower Upper
 326 100
 324 61.6 51.6 77.4

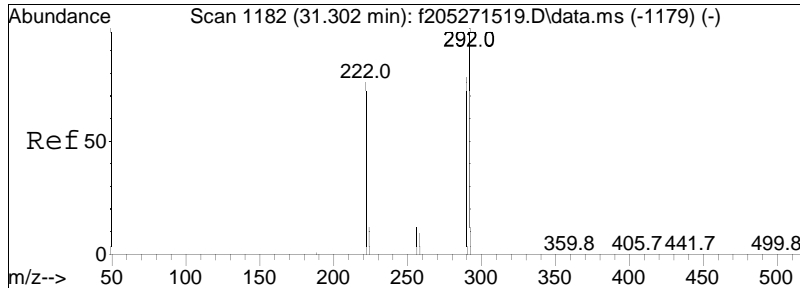




#69
 C14-BZ#68/#64
 Concen: 162.33 ng/mL
 RT: 30.097 min Scan# 2072
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

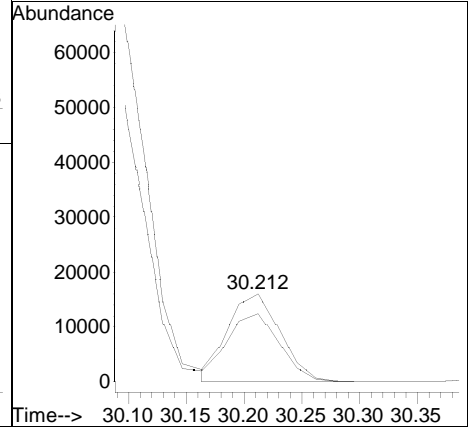
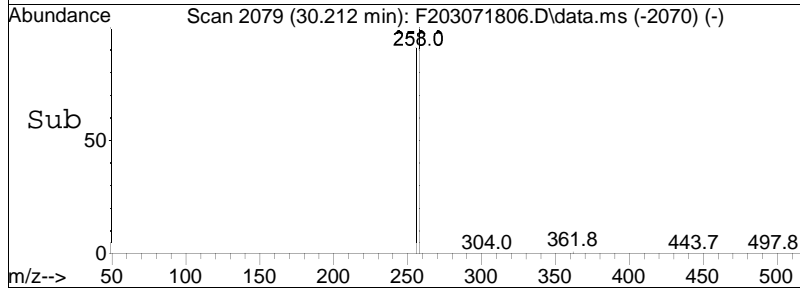
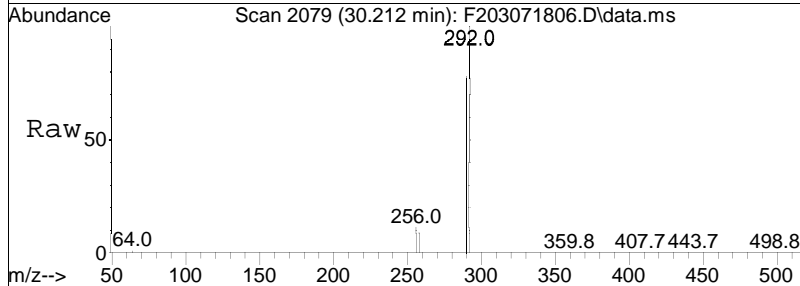
Tgt Ion	Resp	Lower	Upper
292	100		
290	78.0	61.7	92.5

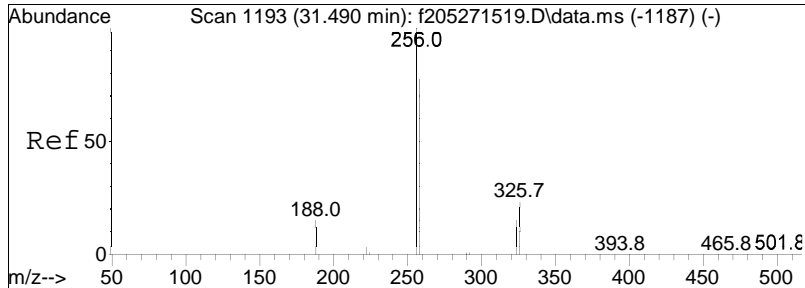




#70
 C14-BZ#40
 Concen: 78.75 ng/mL
 RT: 30.212 min Scan# 2079
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

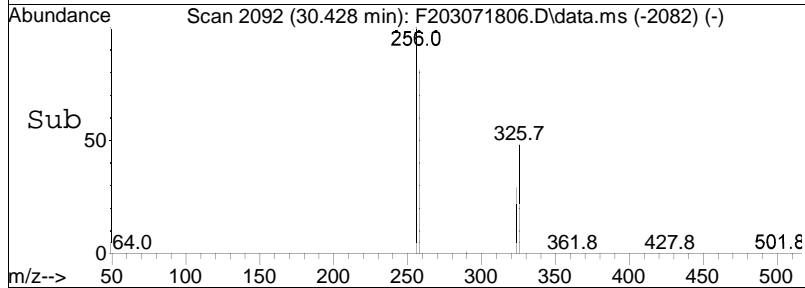
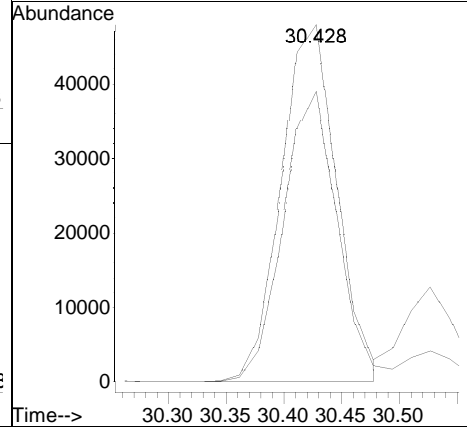
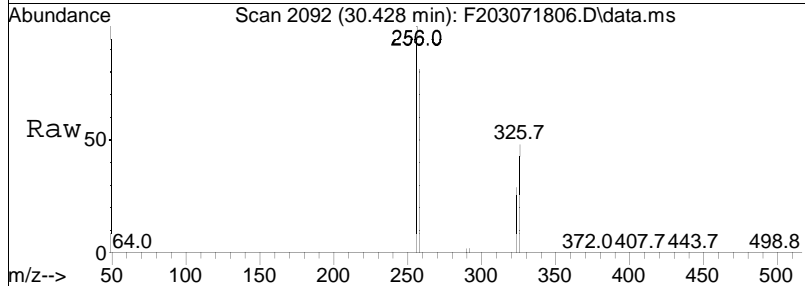
Tgt Ion: 292 Resp: 50254
 Ion Ratio Lower Upper
 292 100
 290 77.2 63.8 95.6

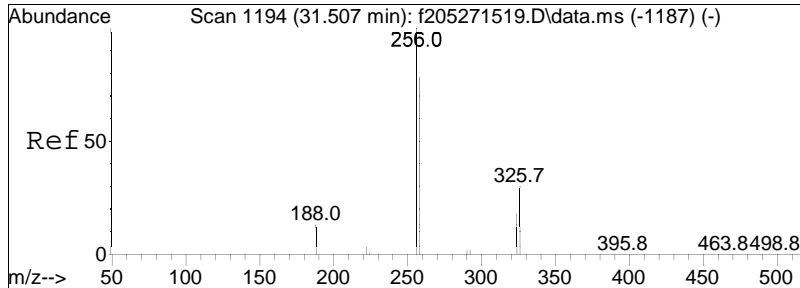




#71
 C13-BZ#37-RTW
 Concen: 80.53 ng/mL
 RT: 30.428 min Scan# 2092
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

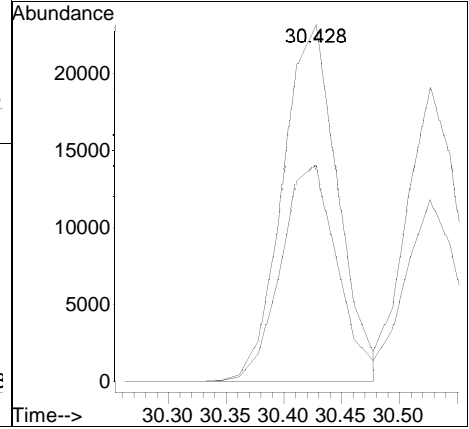
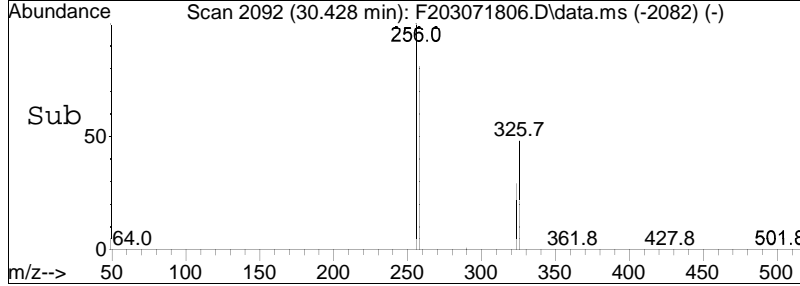
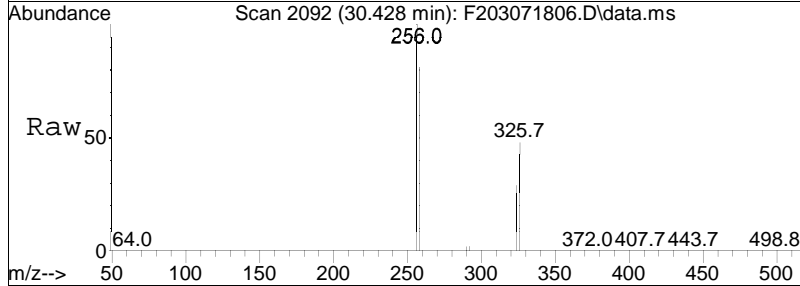
Tgt Ion: 256 Resp: 160244
 Ion Ratio Lower Upper
 256 100
 258 81.1 63.5 95.3

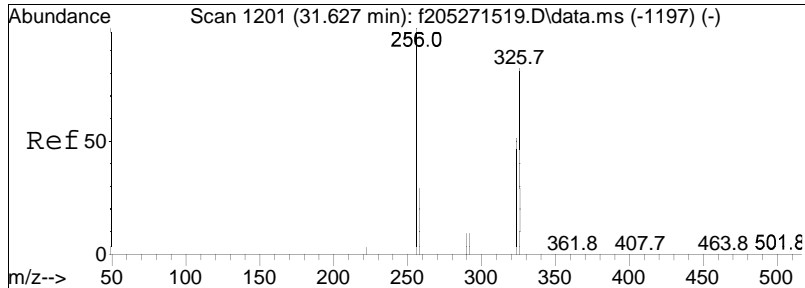




#72
 C15-BZ#100
 Concen: 82.00 ng/mL
 RT: 30.428 min Scan# 2092
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

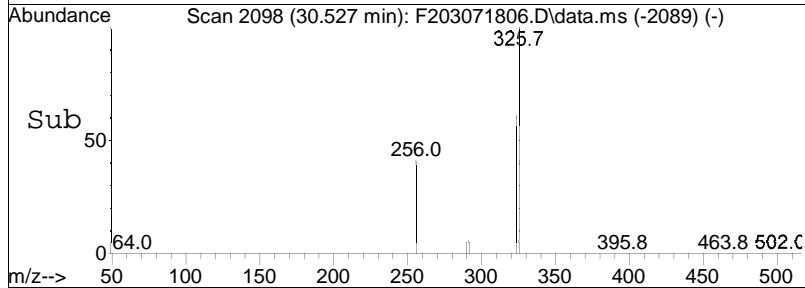
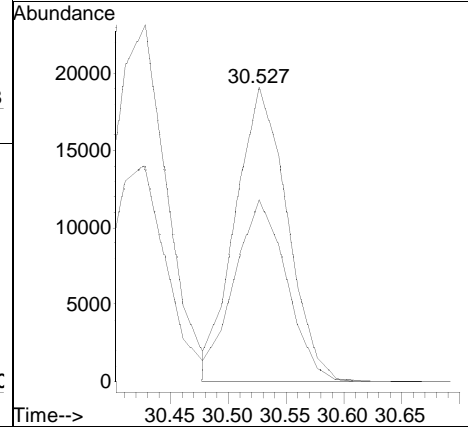
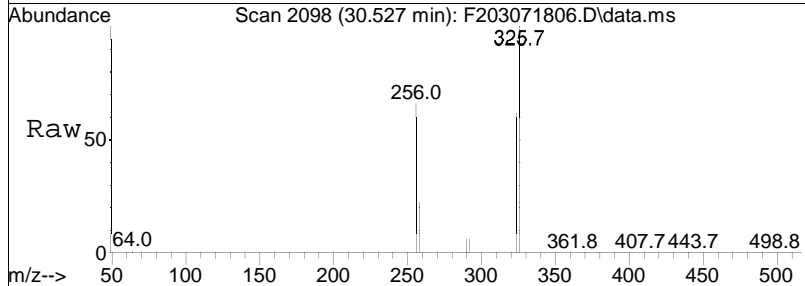
Tgt Ion: 326 Resp: 76929
 Ion Ratio Lower Upper
 326 100
 324 61.9 48.6 73.0

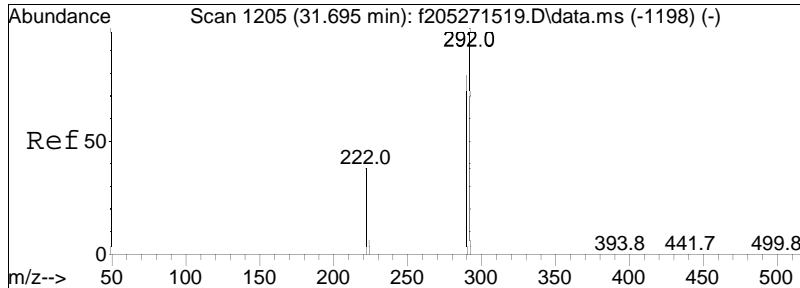




#73
 C15-BZ#94
 Concen: 84.66 ng/mL
 RT: 30.527 min Scan# 2098
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

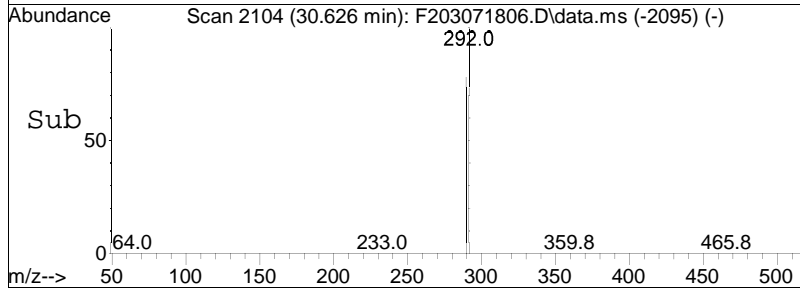
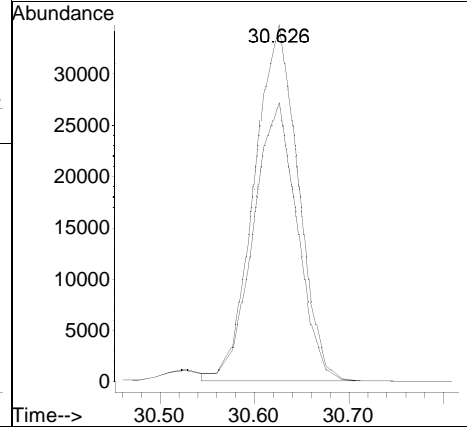
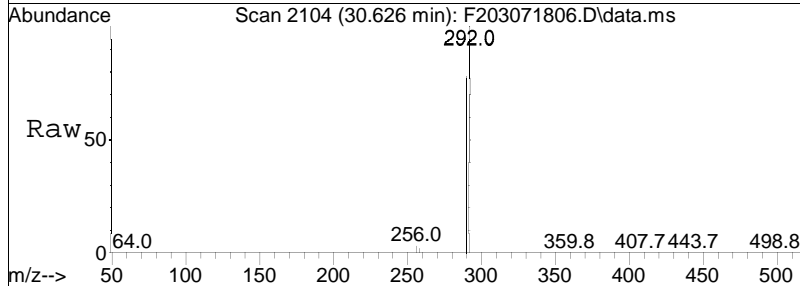
Tgt Ion: 326 Resp: 58637
 Ion Ratio Lower Upper
 326 100
 324 61.9 49.7 74.5

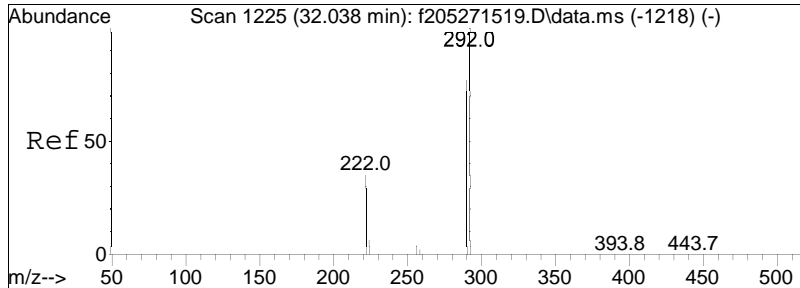




#74
 Cl4-BZ#57
 Concen: 79.27 ng/mL
 RT: 30.626 min Scan# 2104
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

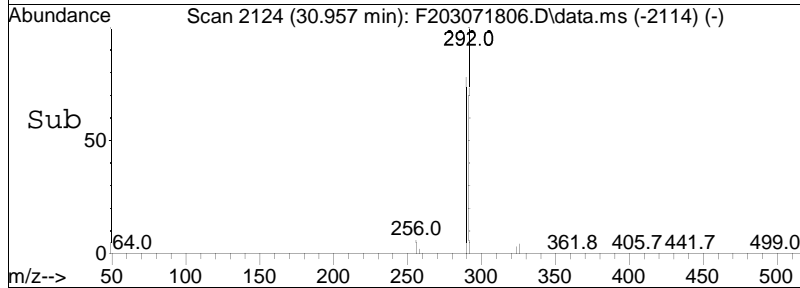
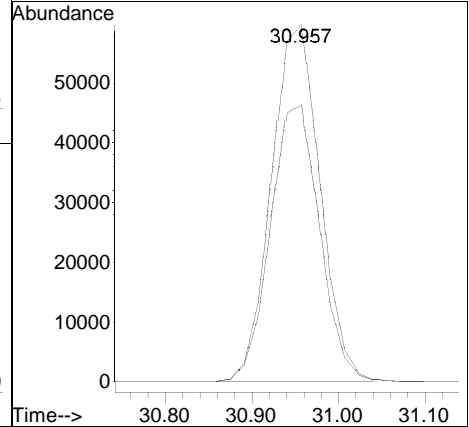
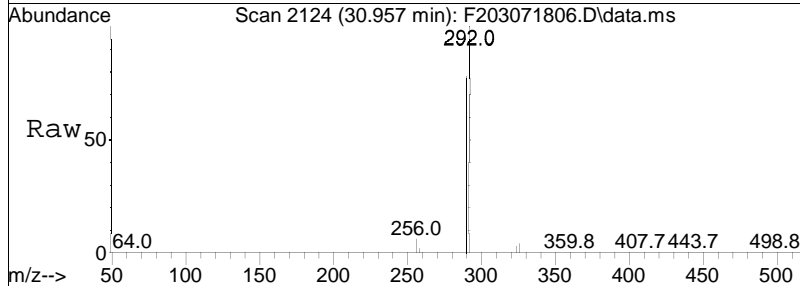
Tgt Ion	Resp	Lower	Upper
292	100		
290	78.0	63.9	95.9

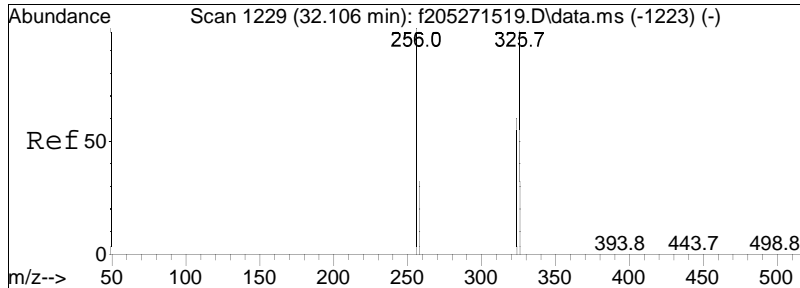




#75
 C14-BZ#67/#58
 Concen: 163.69 ng/mL
 RT: 30.957 min Scan# 2124
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

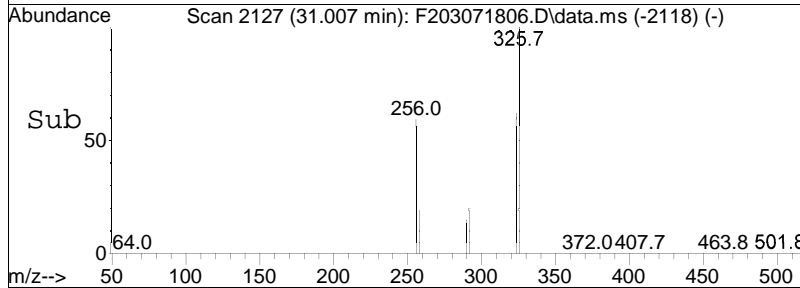
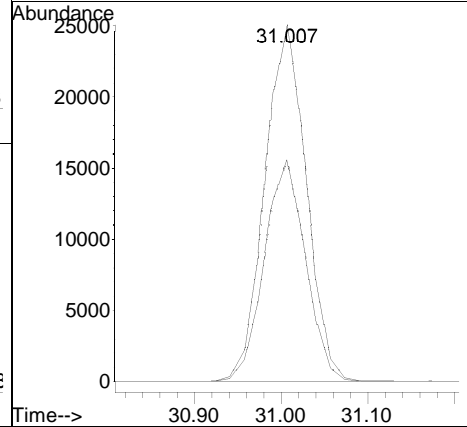
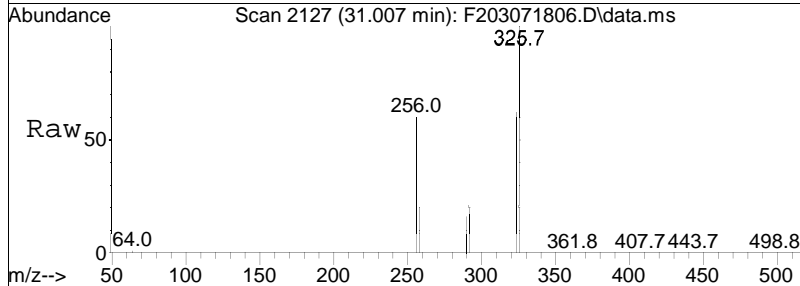
Tgt Ion	Resp	Lower	Upper
292	100		
290	78.3	62.3	93.5

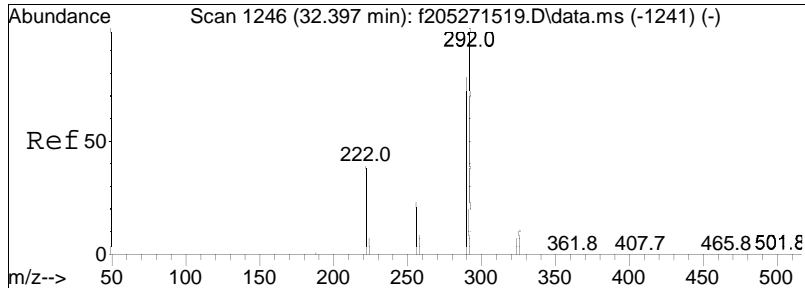




#76
 C15-BZ#102
 Concen: 82.70 ng/mL
 RT: 31.007 min Scan# 2127
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

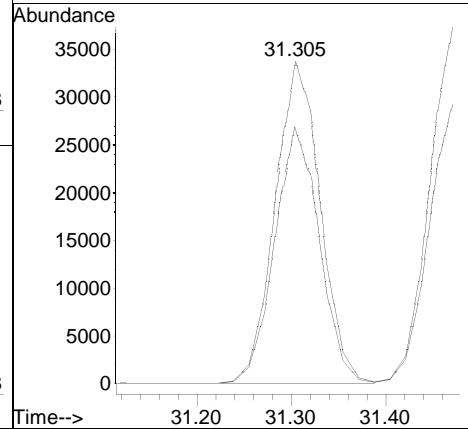
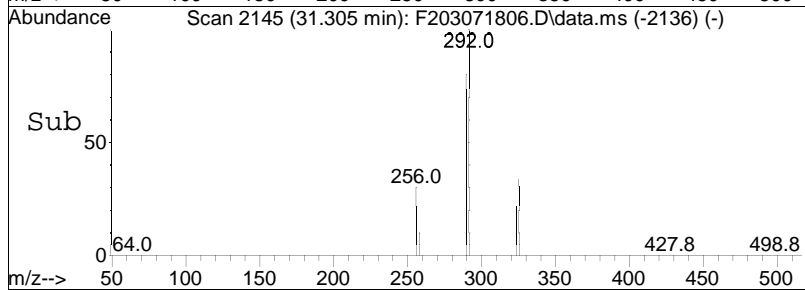
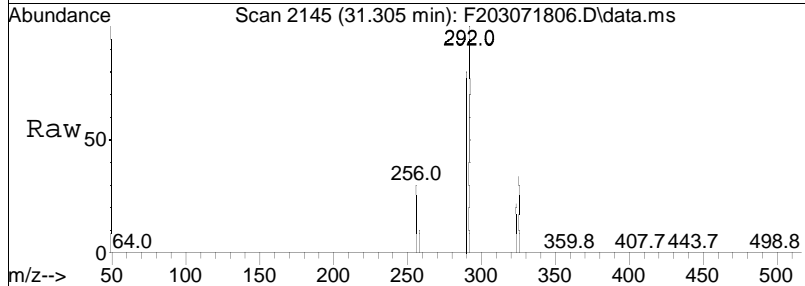
Tgt Ion	Resp	Lower	Upper
326	100		
324	61.8	49.8	74.8

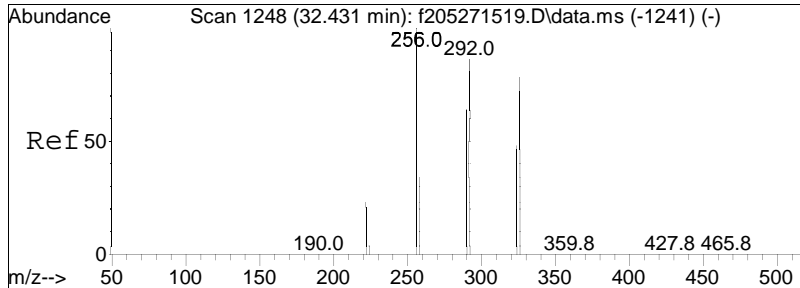




#77
 C14-BZ#61
 Concen: 80.02 ng/mL
 RT: 31.305 min Scan# 2145
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

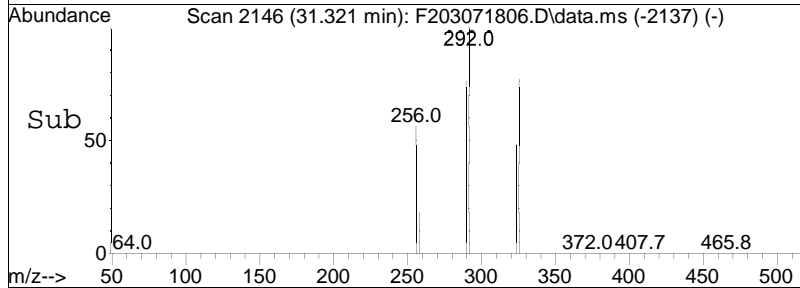
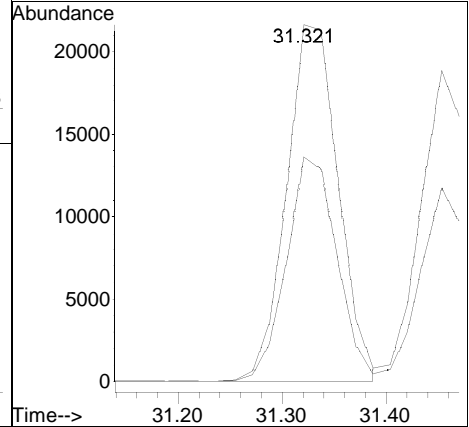
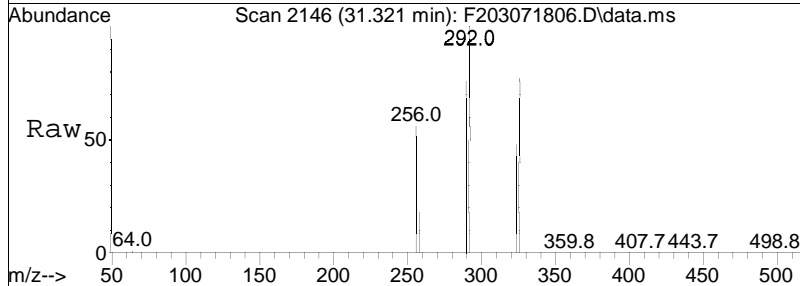
Tgt Ion	Resp	Lower	Upper
292	100		
290	78.7	61.5	92.3

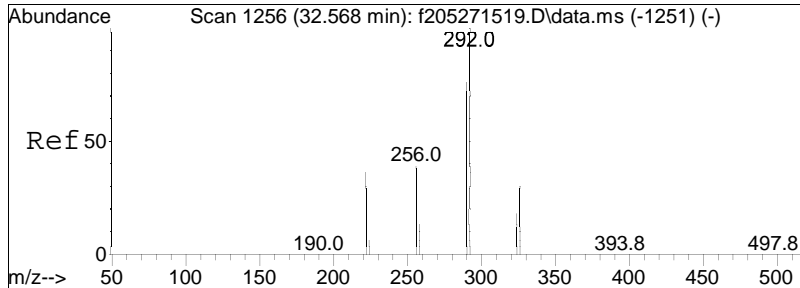




#78
 C15-BZ#98
 Concen: 81.48 ng/mL
 RT: 31.321 min Scan# 2146
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

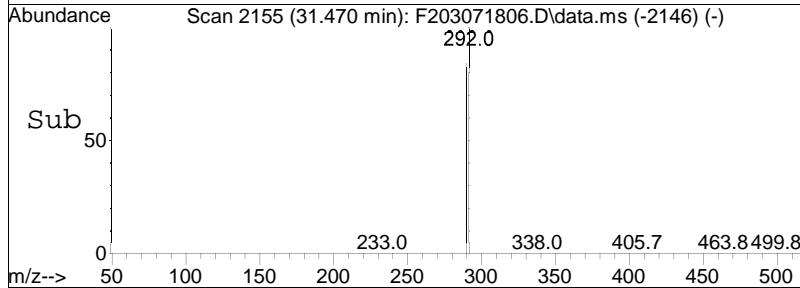
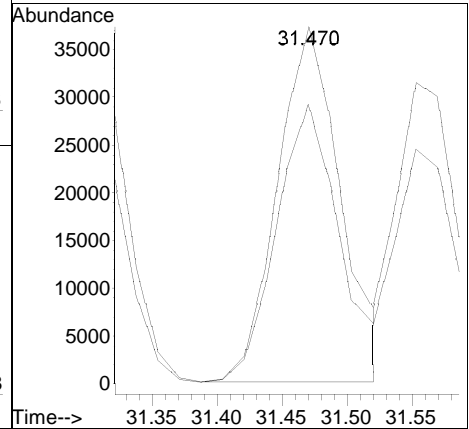
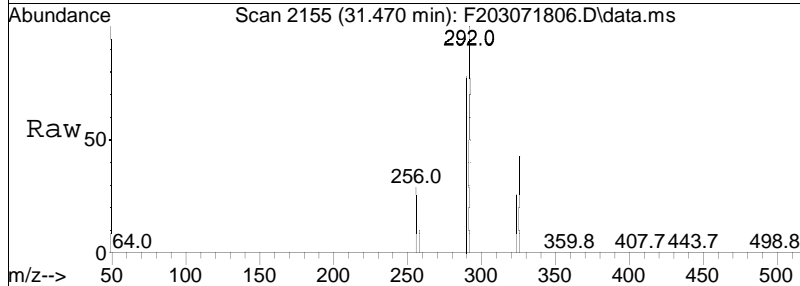
Tgt Ion:	326	Resp:	74432
Ion Ratio	Lower	Upper	
326	100		
324	61.4	50.2	75.2

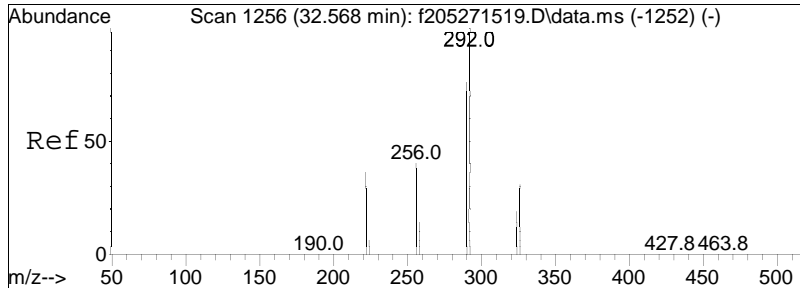




#79
 C14-BZ#76
 Concen: 85.40 ng/mL
 RT: 31.470 min Scan# 2155
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

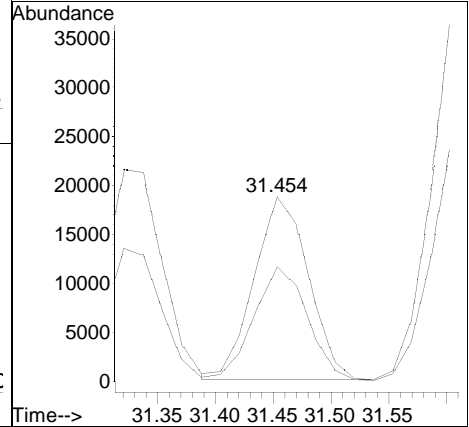
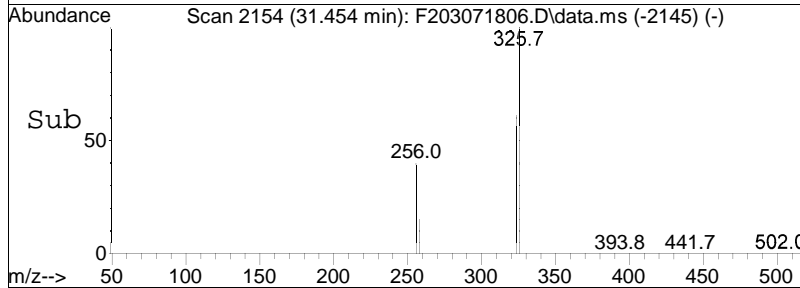
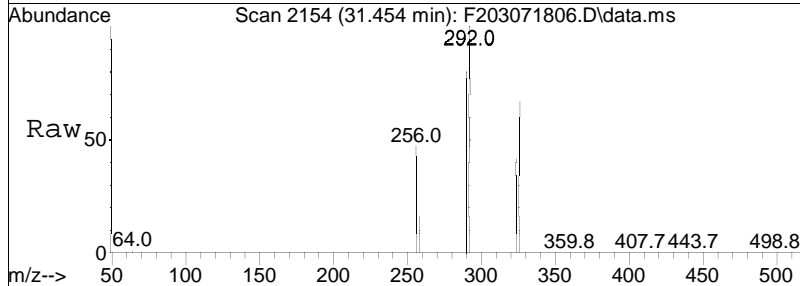
Tgt Ion: 292 Resp: 125978
 Ion Ratio Lower Upper
 292 100
 290 78.5 62.2 93.2

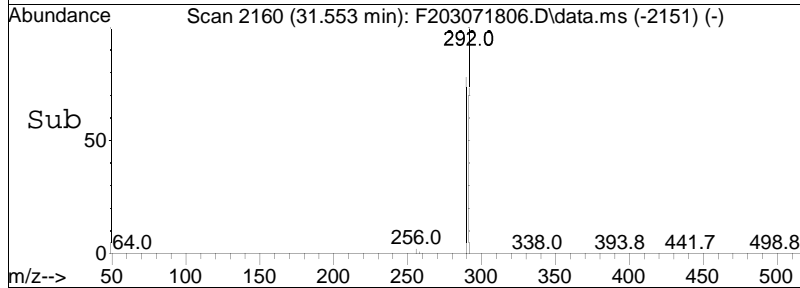
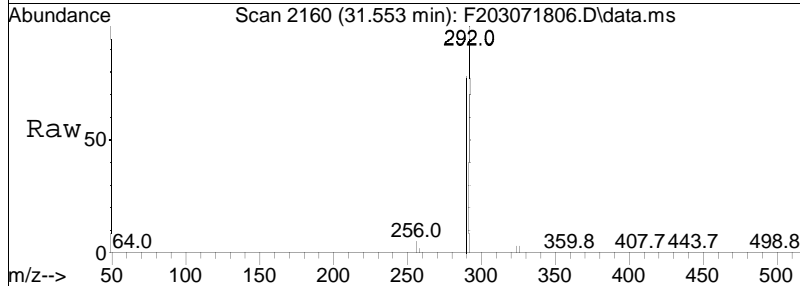
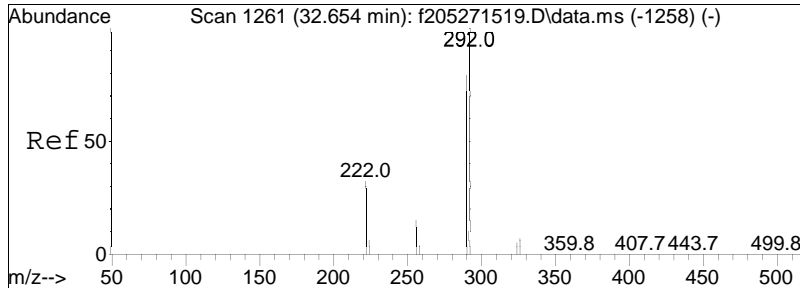




#80
 C15-BZ#93
 Concen: 82.39 ng/mL
 RT: 31.454 min Scan# 2154
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

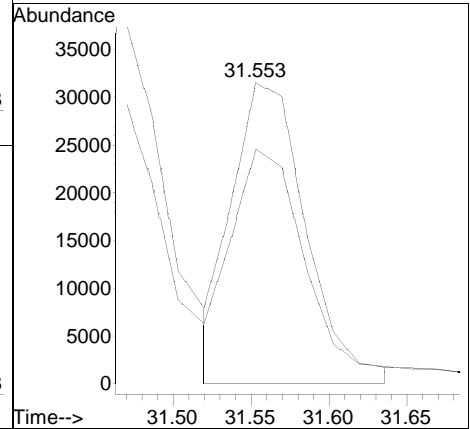
Tgt Ion: 326 Resp: 60716
 Ion Ratio Lower Upper
 326 100
 324 61.3 49.8 74.6

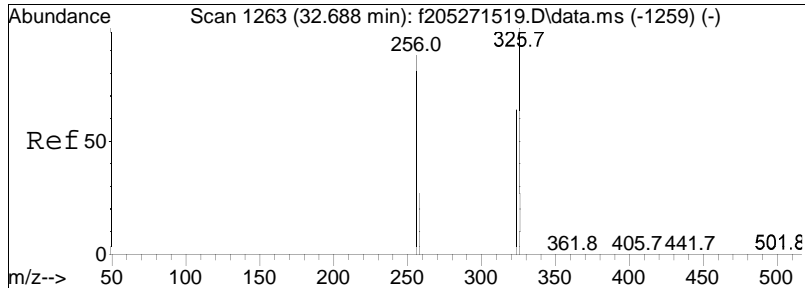




#81
 C14-BZ#63
 Concen: 78.34 ng/mL M4
 RT: 31.553 min Scan# 2160
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

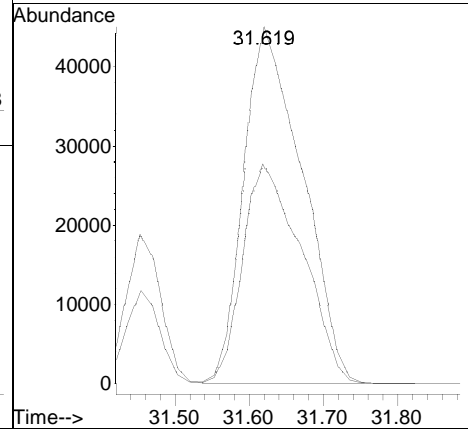
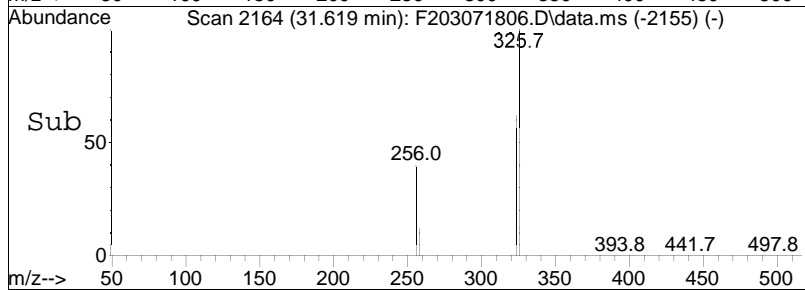
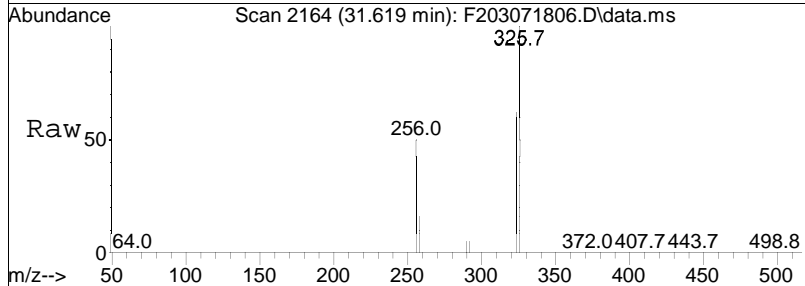
Tgt Ion	Resp	Lower	Upper
292	103682		
290	78.0	61.7	92.5

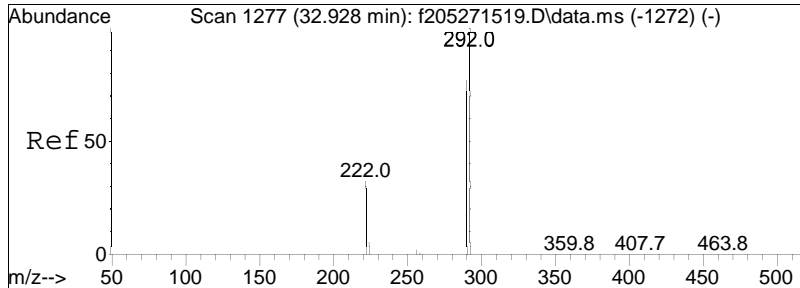




#82
 C15-BZ#121/#95/#88
 Concen: 250.58 ng/mL
 RT: 31.619 min Scan# 2164
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

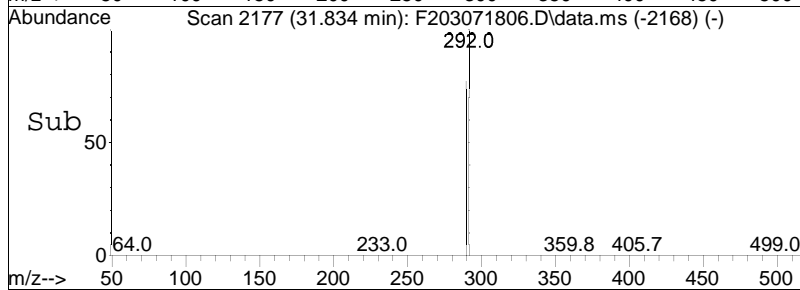
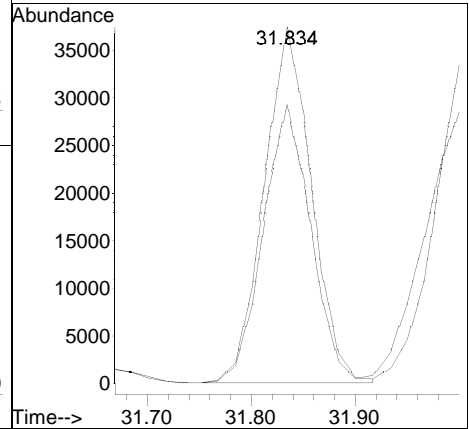
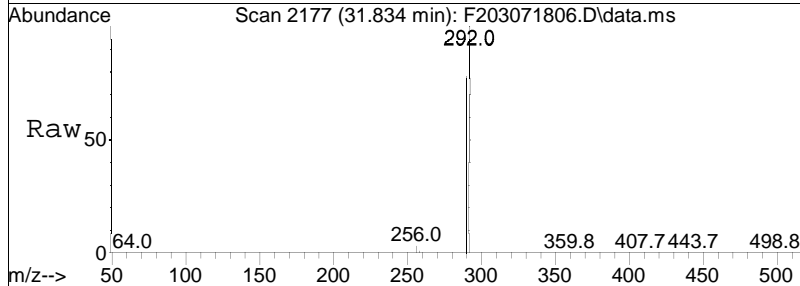
Tgt Ion: 326 Resp: 245078
 Ion Ratio Lower Upper
 326 100
 324 62.2 49.4 74.2

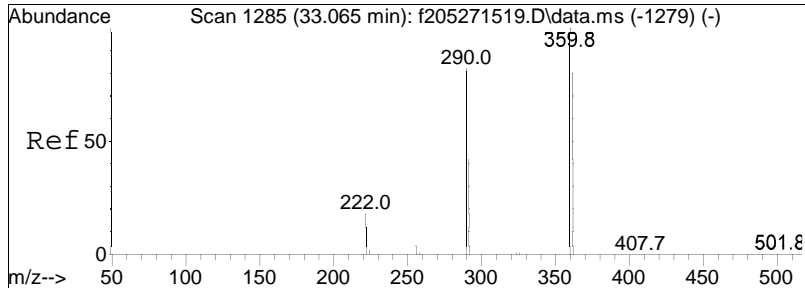




#83
 Cl4-BZ#74
 Concen: 80.74 ng/mL
 RT: 31.834 min Scan# 2177
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

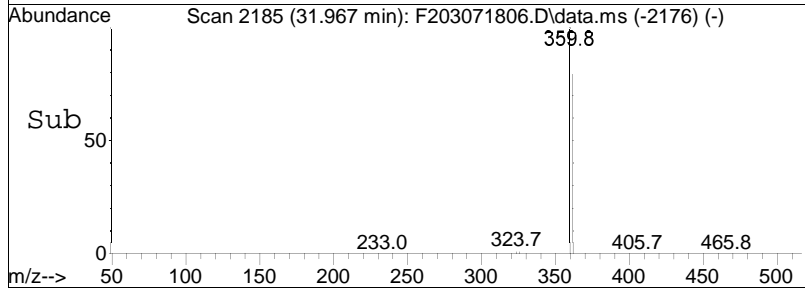
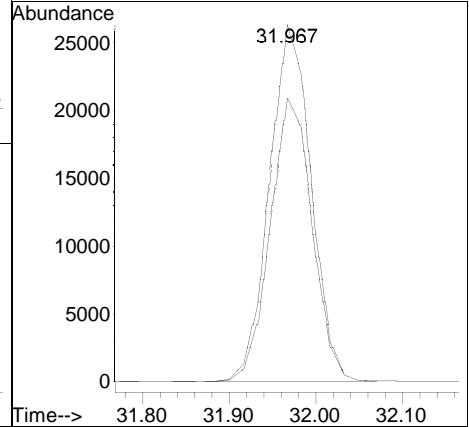
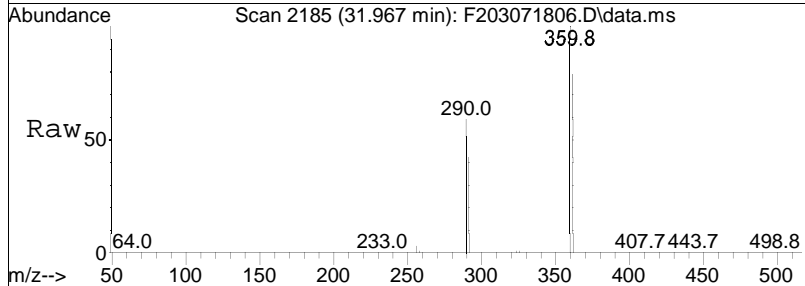
Tgt Ion: 292 Resp: 118195
 Ion Ratio Lower Upper
 292 100
 290 78.2 63.6 95.4

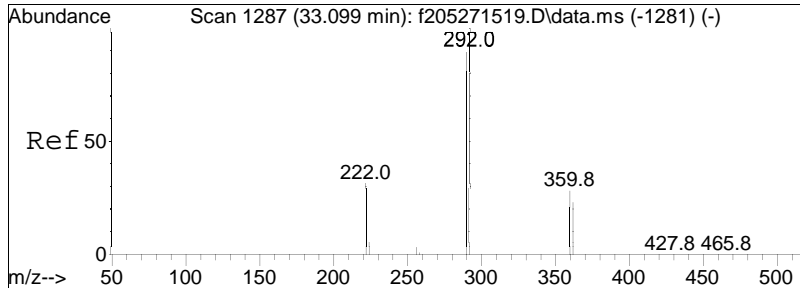




#84
 Cl6-BZ#155-RTW
 Concen: 80.65 ng/mL
 RT: 31.967 min Scan# 2185
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

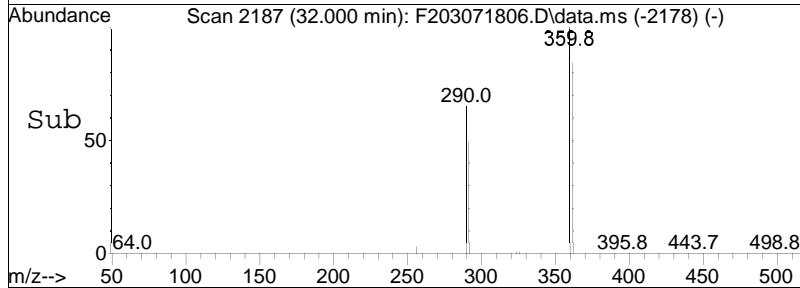
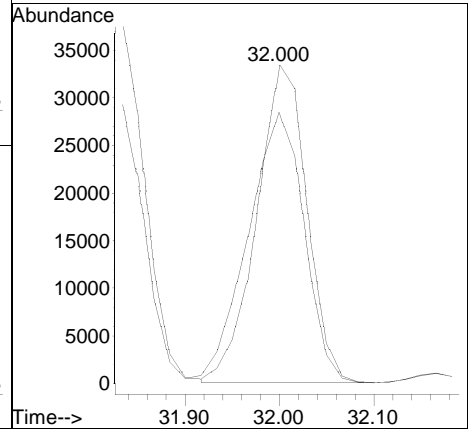
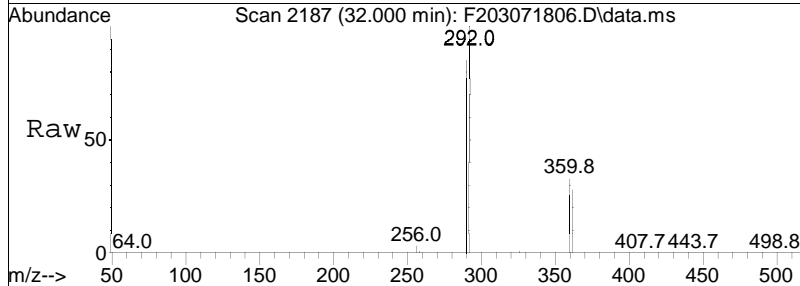
Tgt Ion: 360 Resp: 87444
 Ion Ratio Lower Upper
 360 100
 362 79.7 63.7 95.5

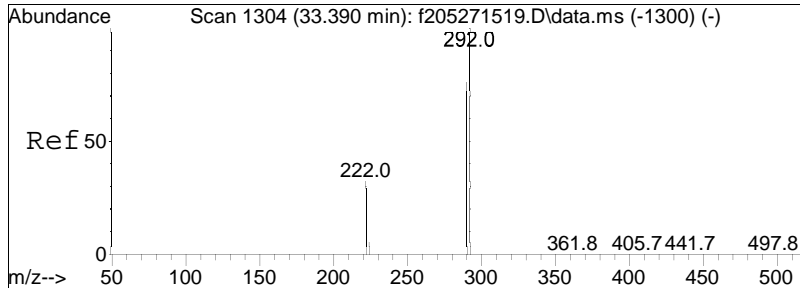




#85
 Cl4-BZ#70
 Concen: 81.40 ng/mL
 RT: 32.000 min Scan# 2187
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

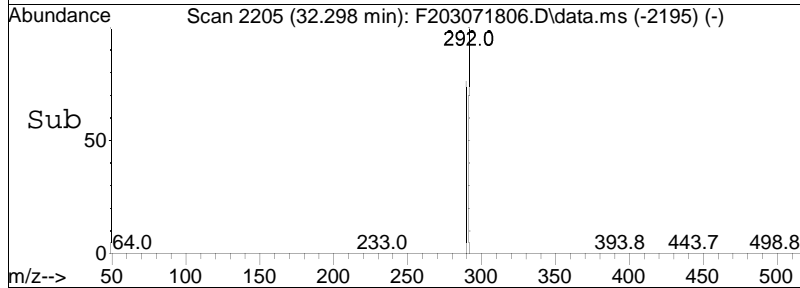
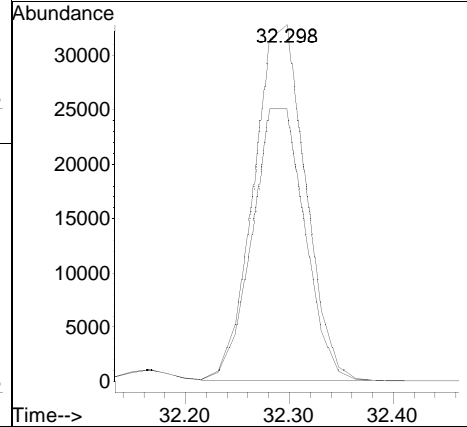
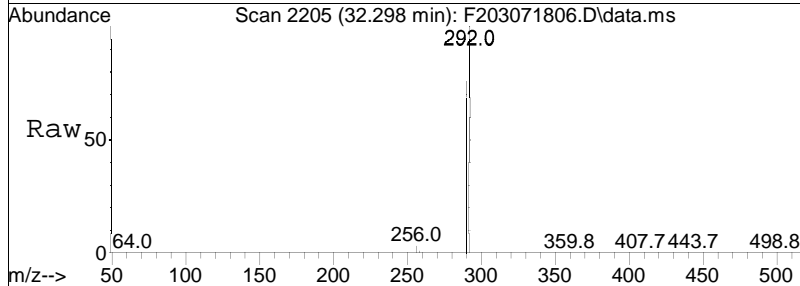
Tgt Ion: 292 Resp: 122723
 Ion Ratio Lower Upper
 292 100
 290 85.2 66.7 100.1

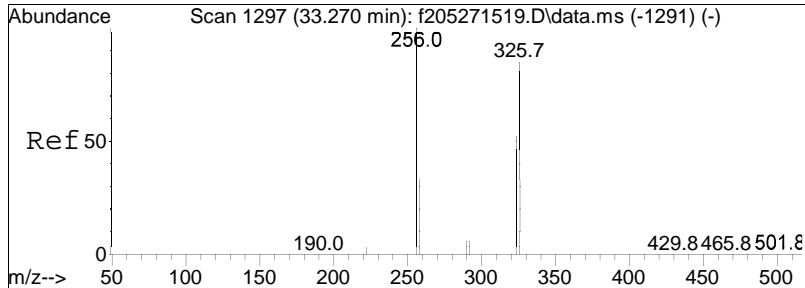




#86
 C14-BZ#66
 Concen: 82.47 ng/mL
 RT: 32.298 min Scan# 2205
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

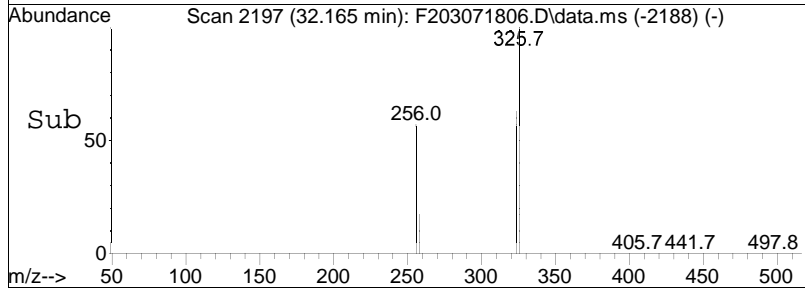
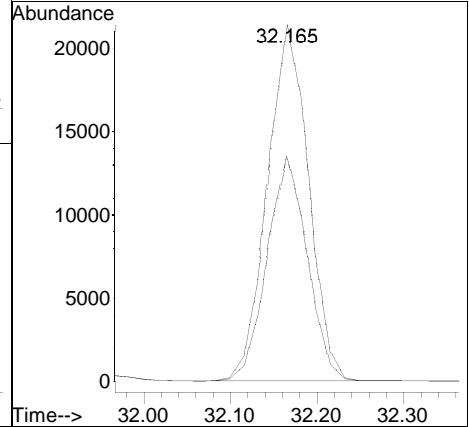
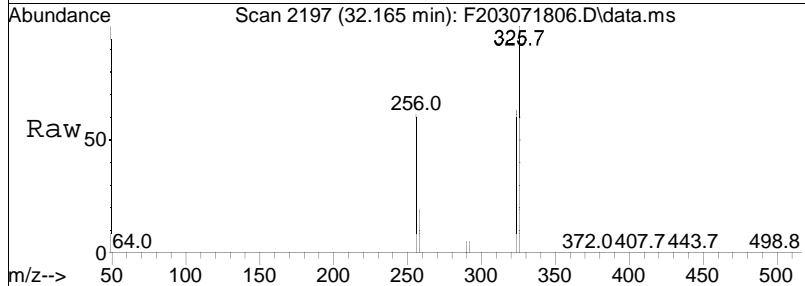
Tgt Ion	Resp	Lower	Upper
292	100		
290	76.3	62.3	93.5

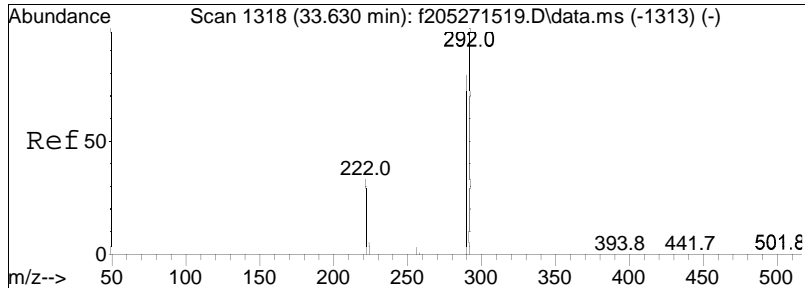




#87
 C15-BZ#91
 Concen: 81.01 ng/mL
 RT: 32.165 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

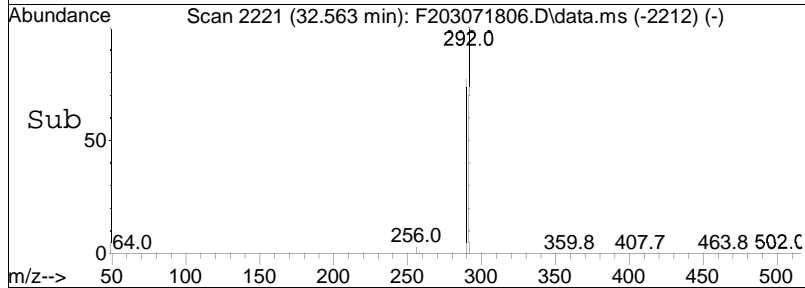
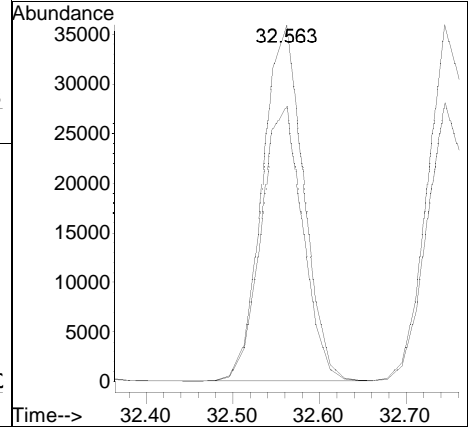
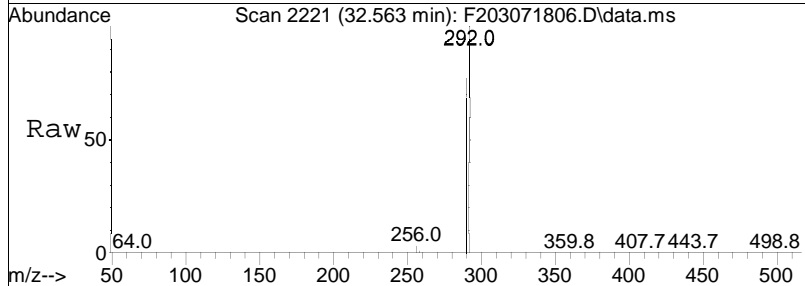
Tgt Ion: 326 Resp: 69839
 Ion Ratio Lower Upper
 326 100
 324 63.2 50.0 75.0

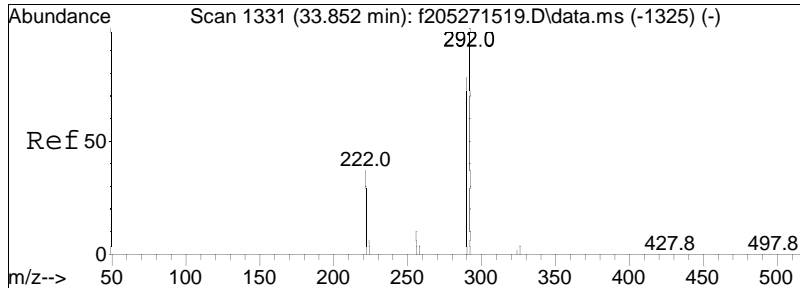




#88
 C14-BZ#80
 Concen: 82.40 ng/mL
 RT: 32.563 min Scan# 2221
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

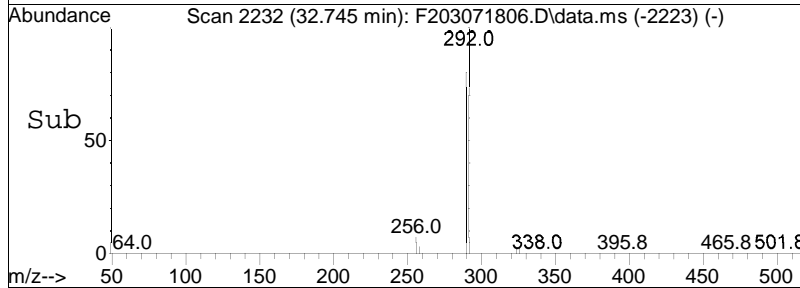
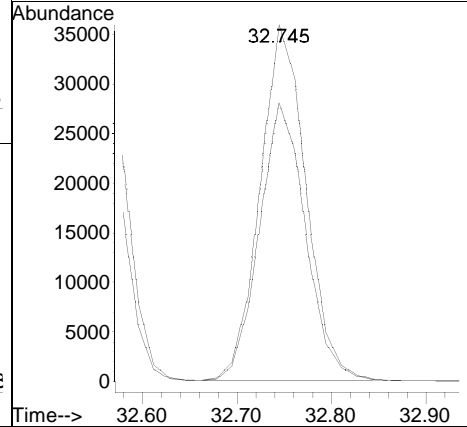
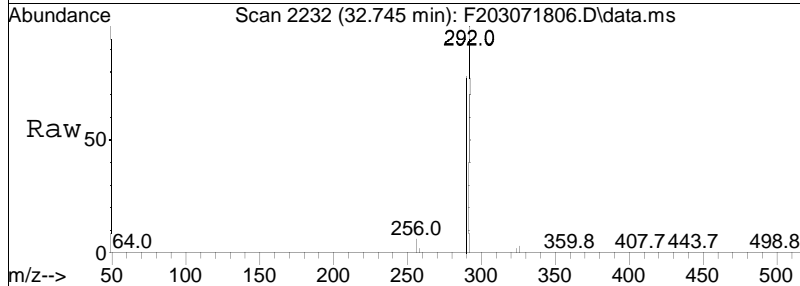
Tgt Ion	Resp	Lower	Upper
292	100		
290	78.3	63.5	95.3

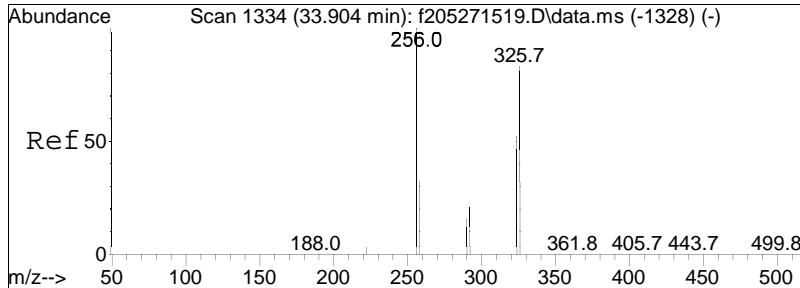




#89
 C14-BZ#55
 Concen: 82.54 ng/mL
 RT: 32.745 min Scan# 2232
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

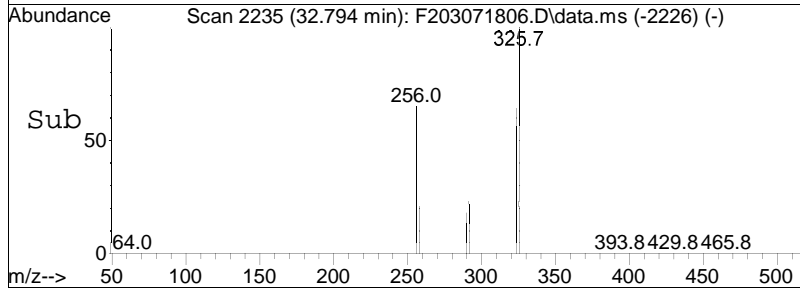
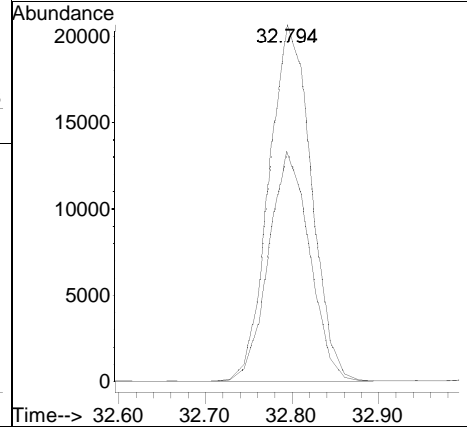
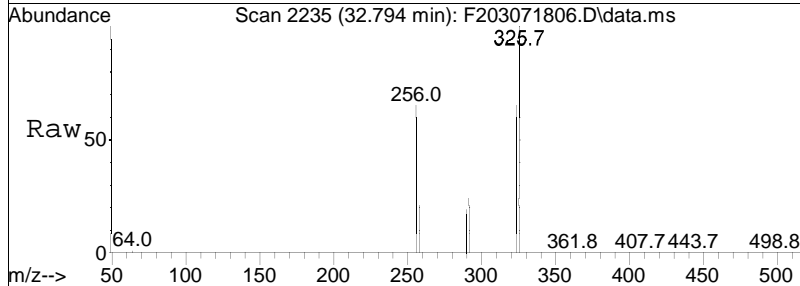
Tgt Ion: 292 Resp: 120443
 Ion Ratio Lower Upper
 292 100
 290 78.4 61.8 92.6

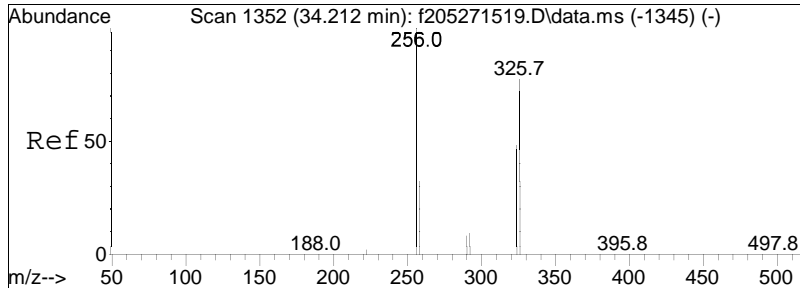




#90
 C15-BZ#92
 Concen: 82.86 ng/mL
 RT: 32.794 min Scan# 2235
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

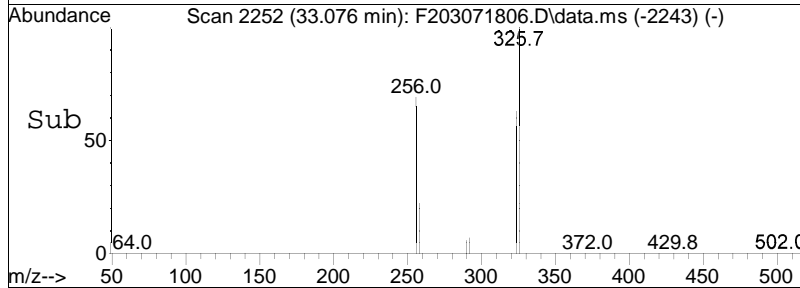
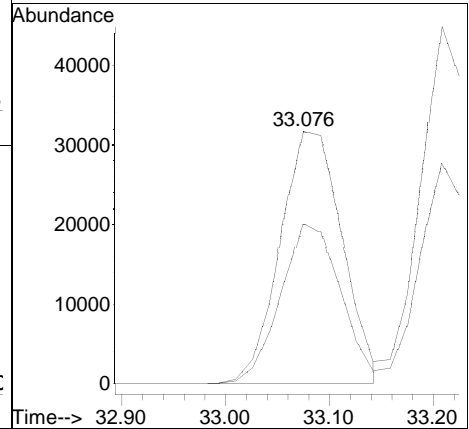
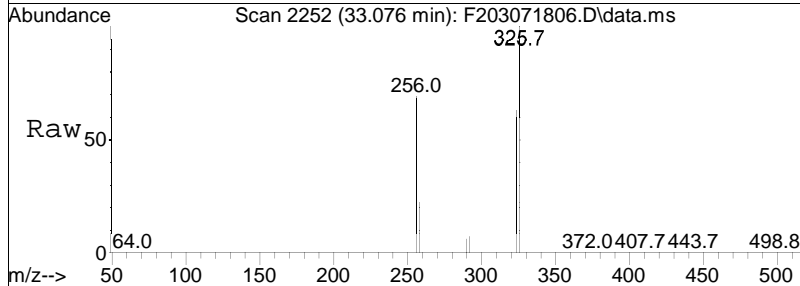
Tgt Ion: 326 Resp: 69685
 Ion Ratio Lower Upper
 326 100
 324 64.5 49.1 73.7

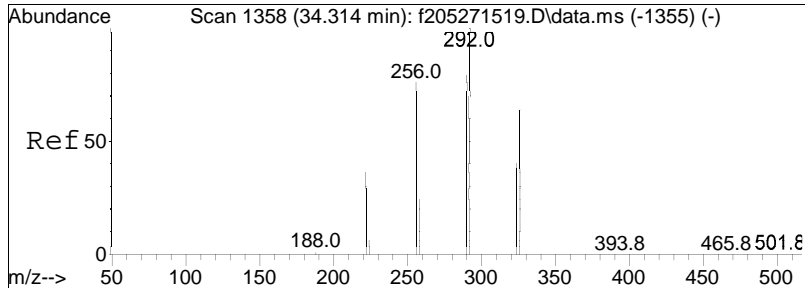




#91
 C15-BZ#89/#84
 Concen: 162.81 ng/mL
 RT: 33.076 min Scan# 2252
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

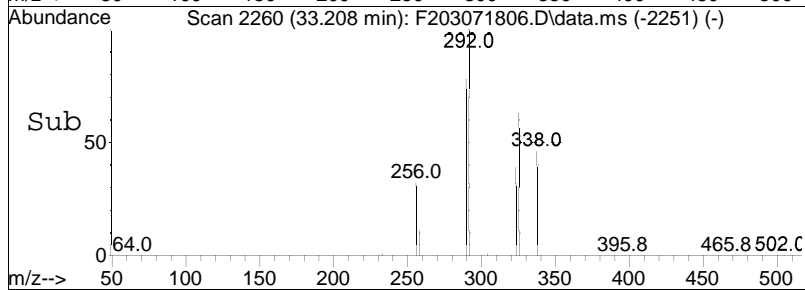
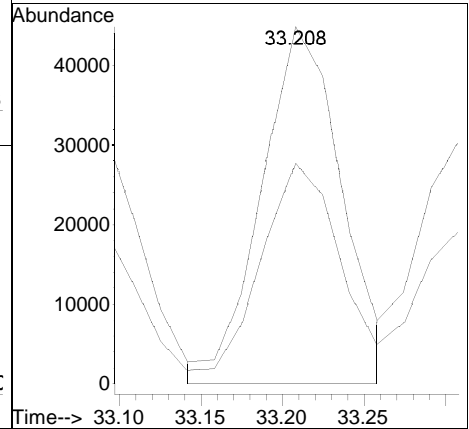
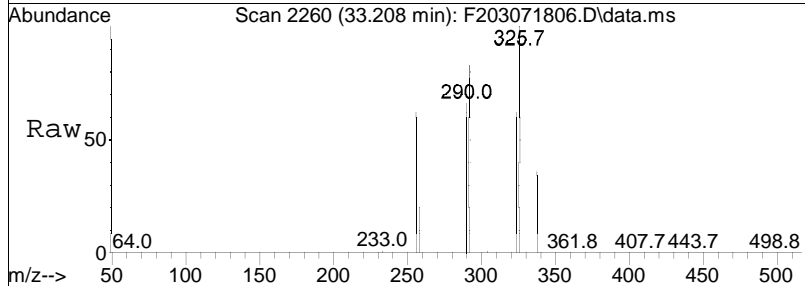
Tgt Ion: 326 Resp: 131215
 Ion Ratio Lower Upper
 326 100
 324 63.2 47.8 71.8

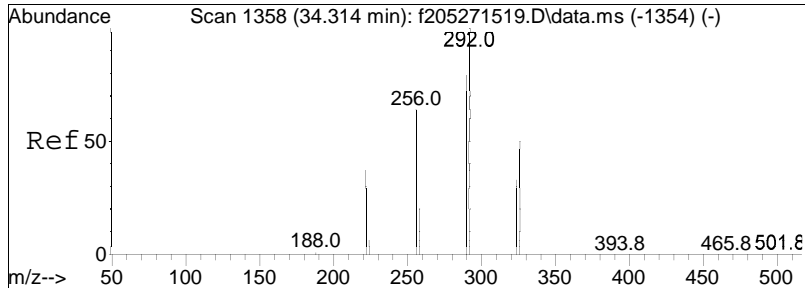




#92
 C15-BZ#101/#90
 Concen: 164.90 ng/mL M4
 RT: 33.208 min Scan# 2260
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

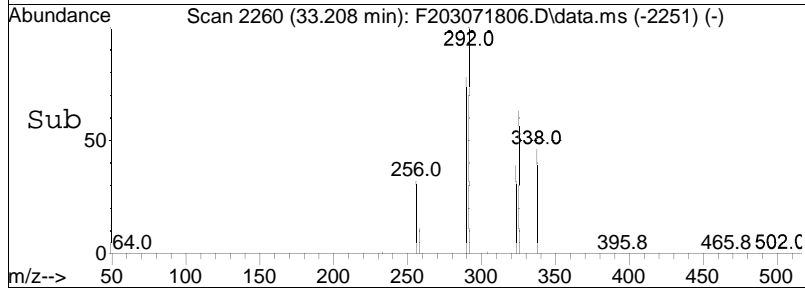
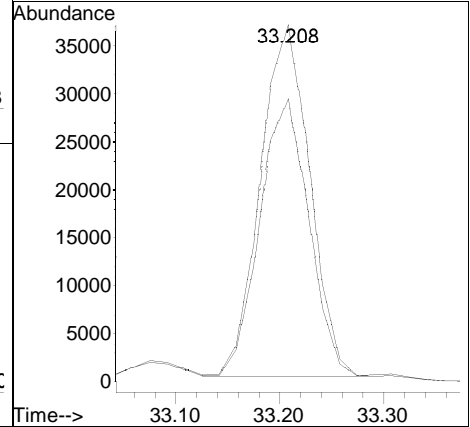
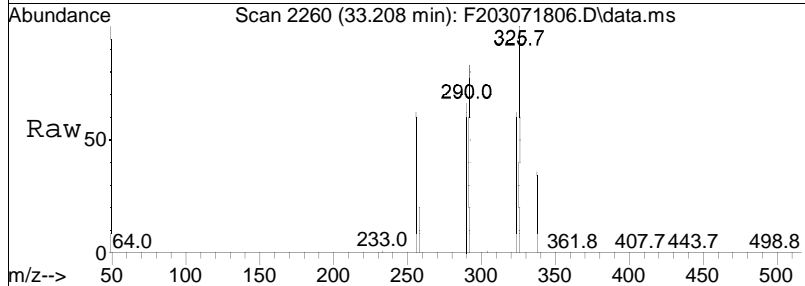
Tgt Ion: 326 Resp: 153106
 Ion Ratio Lower Upper
 326 100
 324 54.8 48.9 73.3

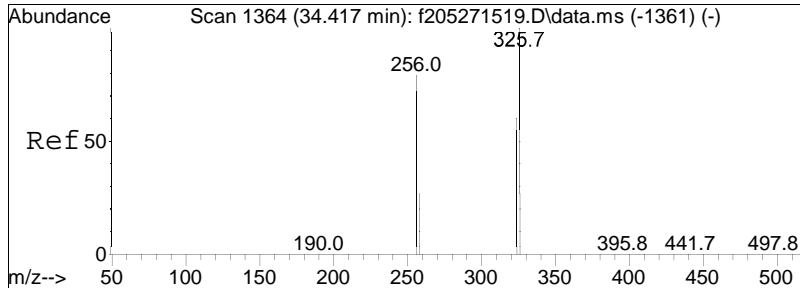




#94
 C14-BZ#56
 Concen: 83.45 ng/mL
 RT: 33.208 min Scan# 2260
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

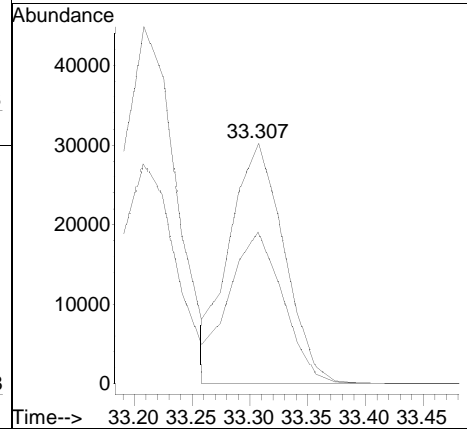
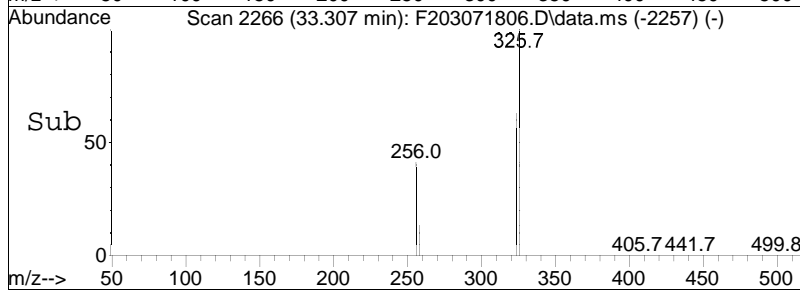
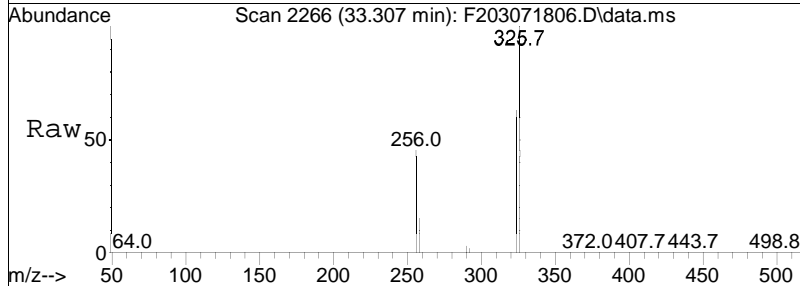
Tgt Ion: 292 Resp: 120480
 Ion Ratio Lower Upper
 292 100
 290 78.3 63.5 95.3

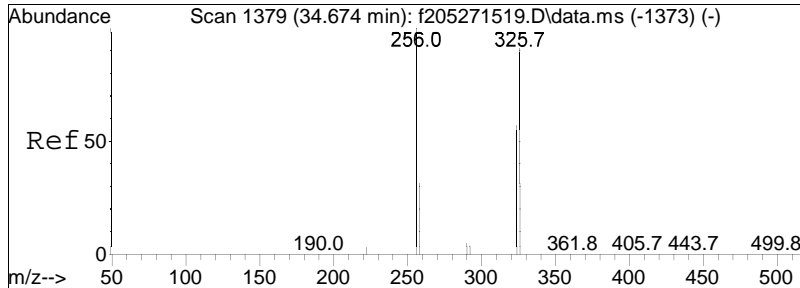




#95
 C15-BZ#113
 Concen: 89.30 ng/mL
 RT: 33.307 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

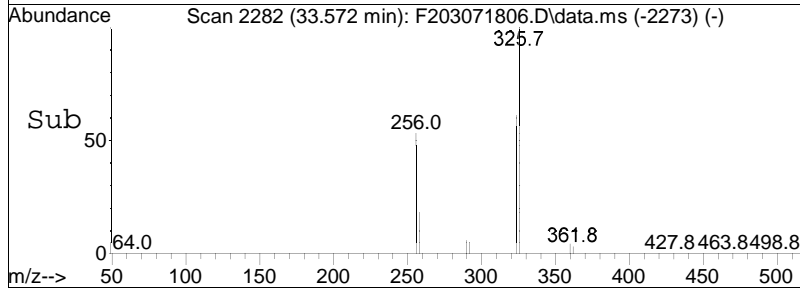
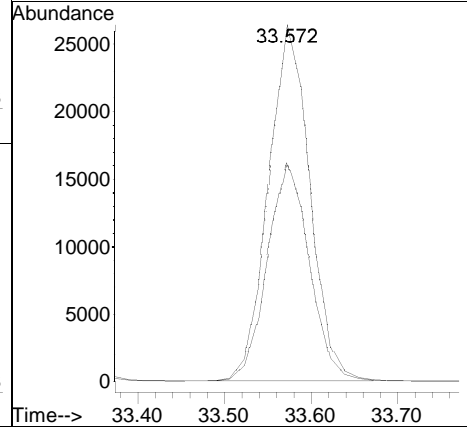
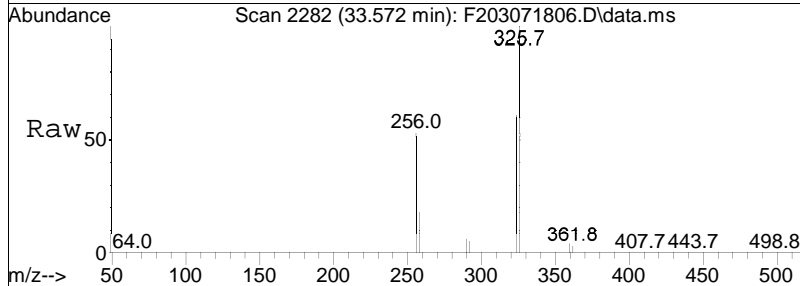
Tgt Ion: 326 Resp: 97459
 Ion Ratio Lower Upper
 326 100
 324 62.6 50.5 75.7

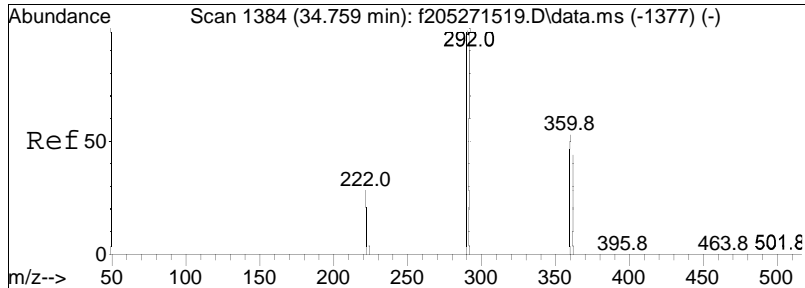




#96
 C15-BZ#99
 Concen: 82.89 ng/mL
 RT: 33.572 min Scan# 2282
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

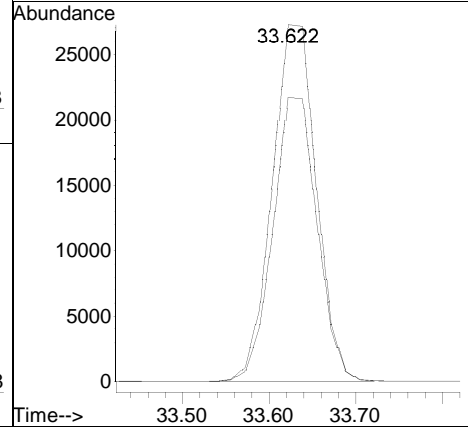
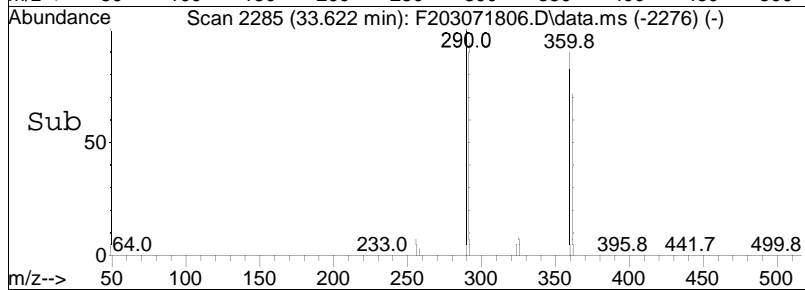
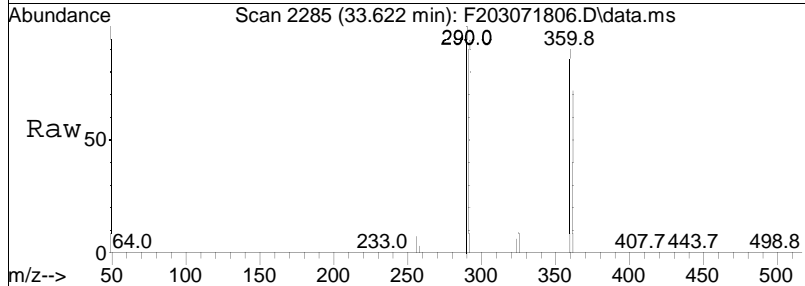
Tgt Ion	Resp	Lower	Upper
326	100		
324	62.4	50.5	75.7

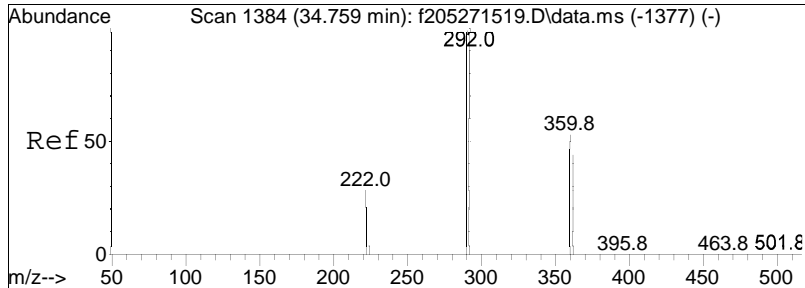




#97
 Cl6-BZ#150
 Concen: 82.60 ng/mL
 RT: 33.622 min Scan# 2285
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

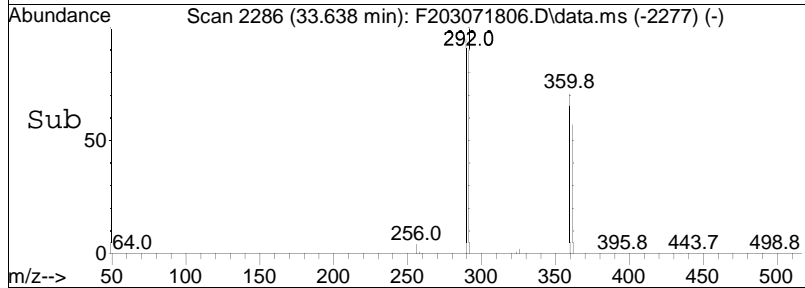
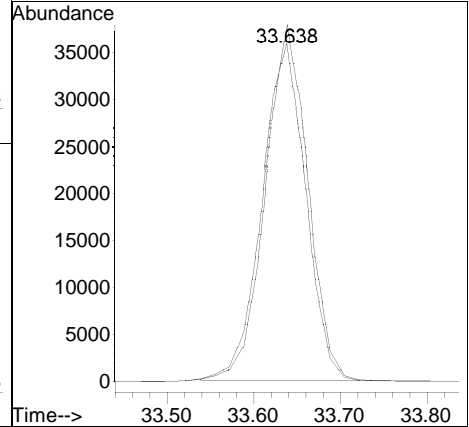
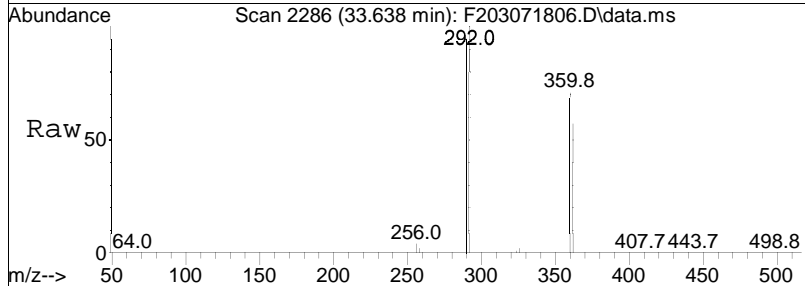
Tgt Ion: 360 Resp: 96020
 Ion Ratio Lower Upper
 360 100
 362 79.7 65.2 97.8

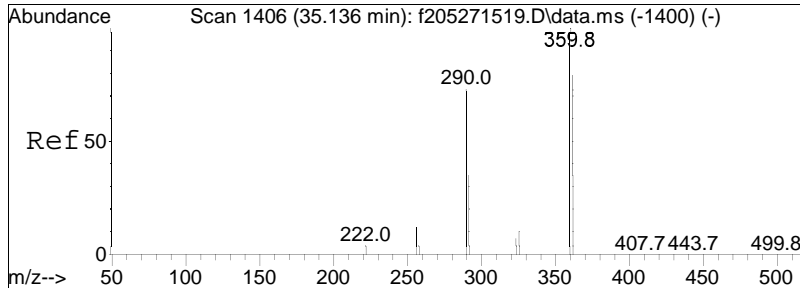




#98
 C14-BZ#60
 Concen: 83.22 ng/mL
 RT: 33.638 min Scan# 2286
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

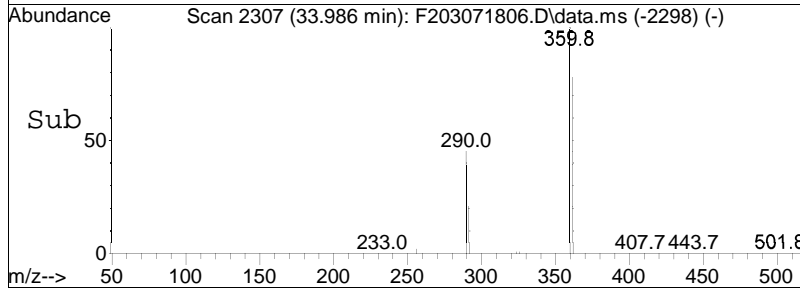
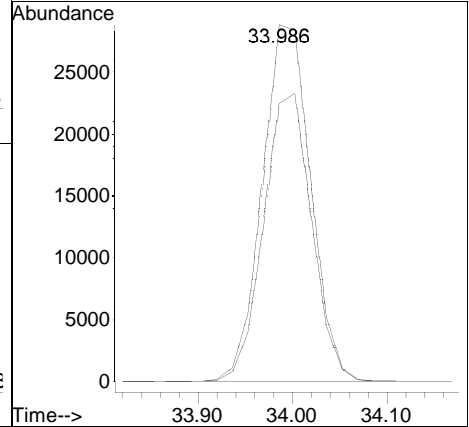
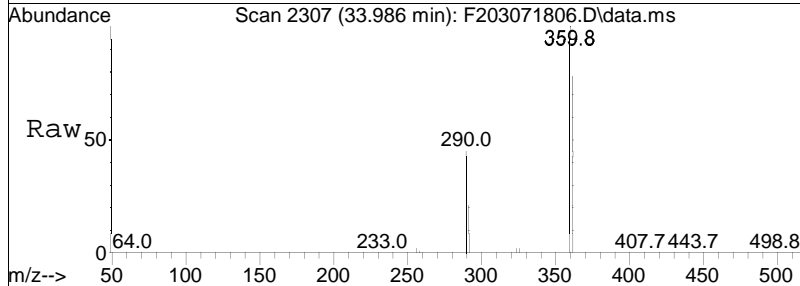
Tgt Ion: 292 Resp: 128378
 Ion Ratio Lower Upper
 292 100
 290 97.5 79.1 118.7

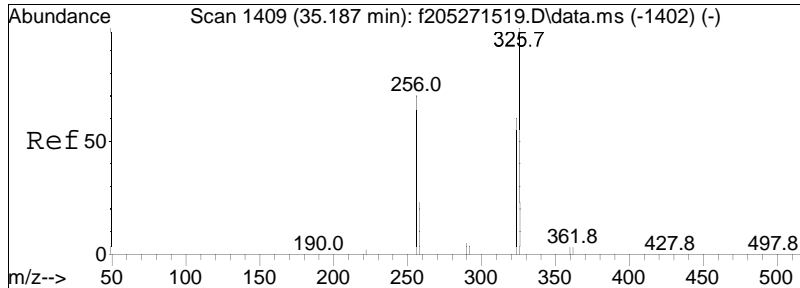




#99
 Cl6-BZ#152
 Concen: 81.96 ng/mL
 RT: 33.986 min Scan# 2307
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

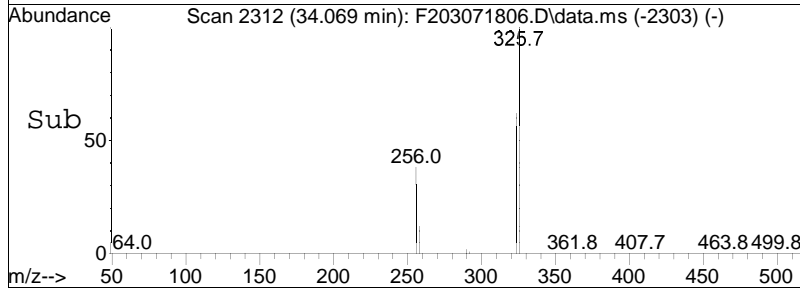
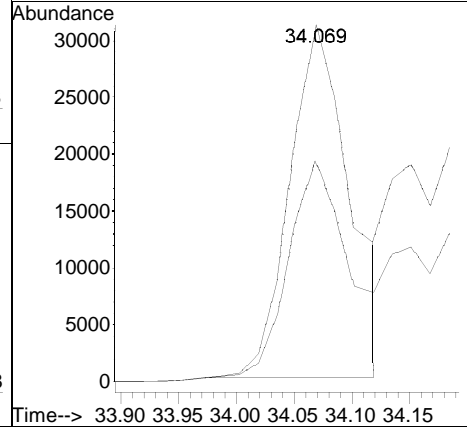
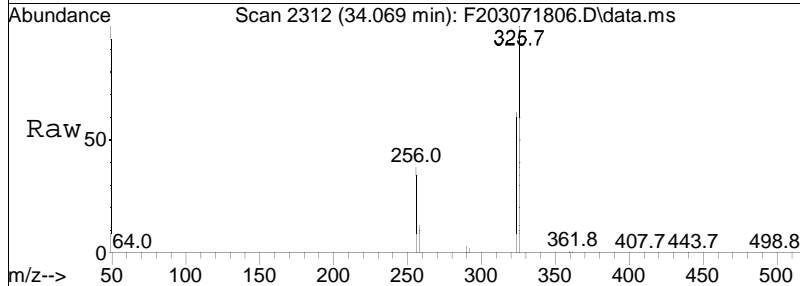
Tgt Ion	Resp	Lower	Upper
360	102142		
362	80.0	64.2	96.4

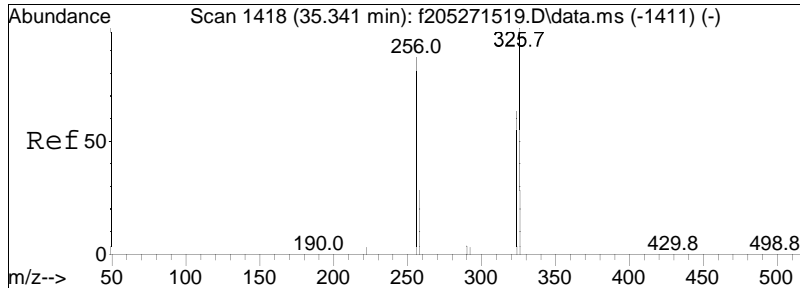




#100
 C15-BZ#119
 Concen: 88.98 ng/mL
 RT: 34.069 min Scan# 2312
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

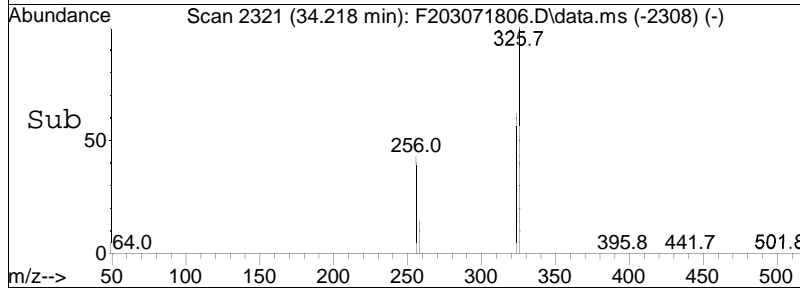
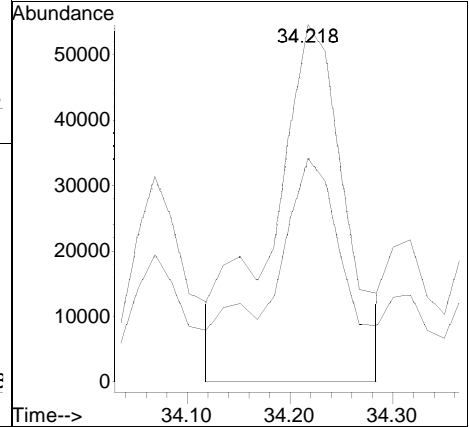
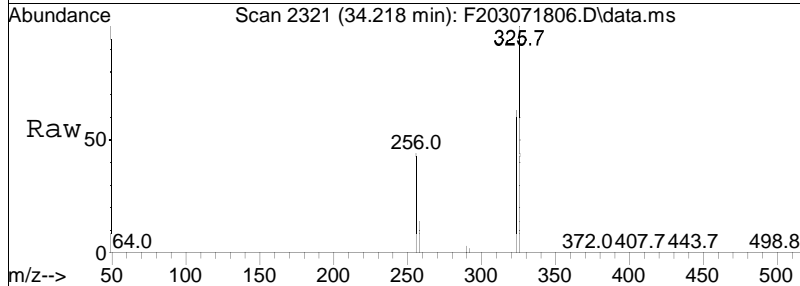
Tgt Ion: 326 Resp: 112999
 Ion Ratio Lower Upper
 326 100
 324 62.0 47.9 71.9

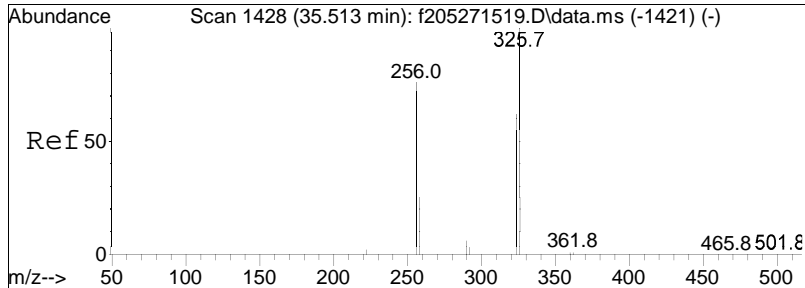




#101
 C15-BZ#83/#125/#112
 Concen: 259.21 ng/mL M4
 RT: 34.218 min Scan# 2321
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

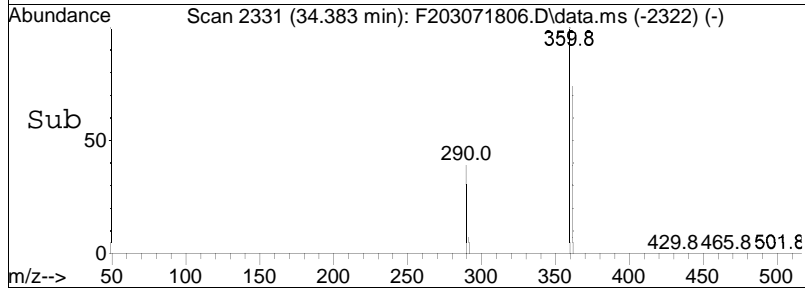
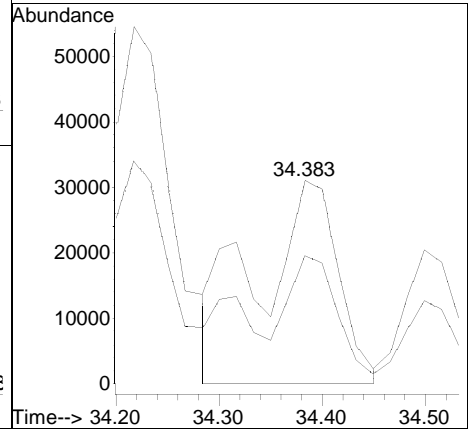
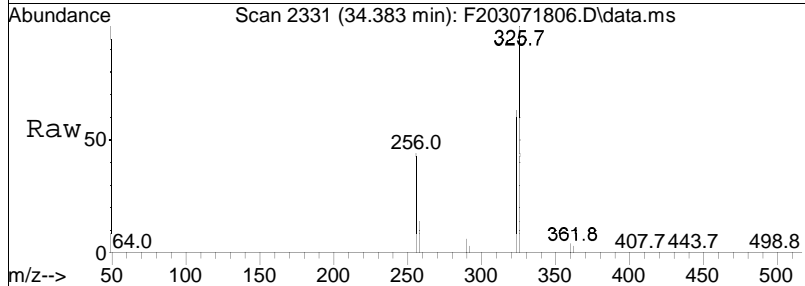
Tgt Ion: 326 Resp: 273938
 Ion Ratio Lower Upper
 326 100
 324 33.7 49.5 74.3#

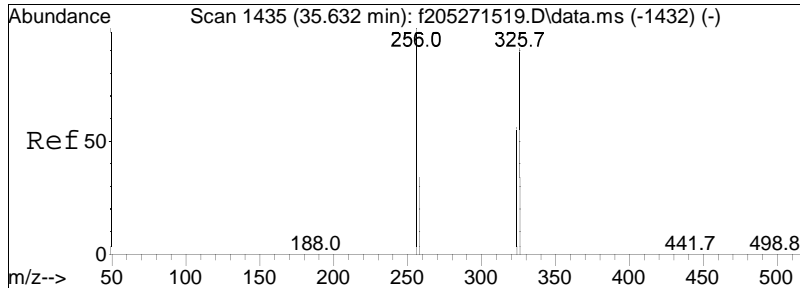




#102
 C15-BZ#86/#109
 Concen: 161.71 ng/mL M4
 RT: 34.383 min Scan# 2331
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

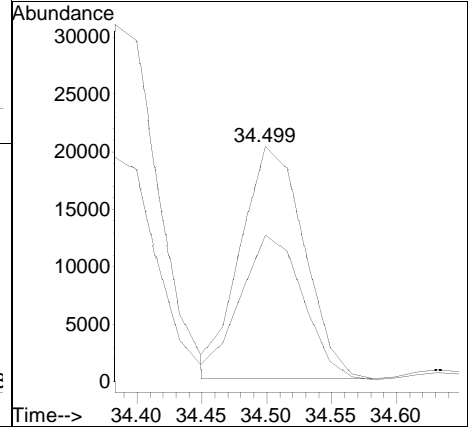
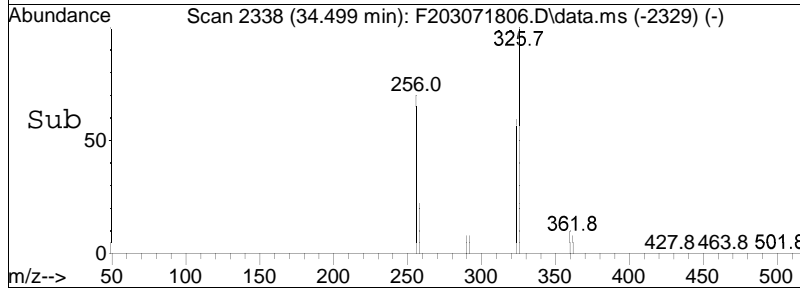
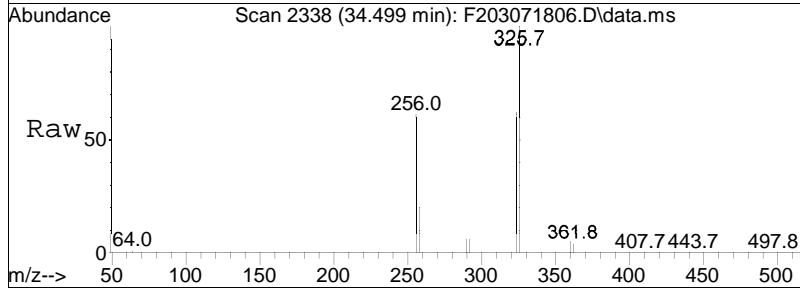
Tgt Ion: 326 Resp: 169909
 Ion Ratio Lower Upper
 326 100
 324 33.5 49.7 74.5#

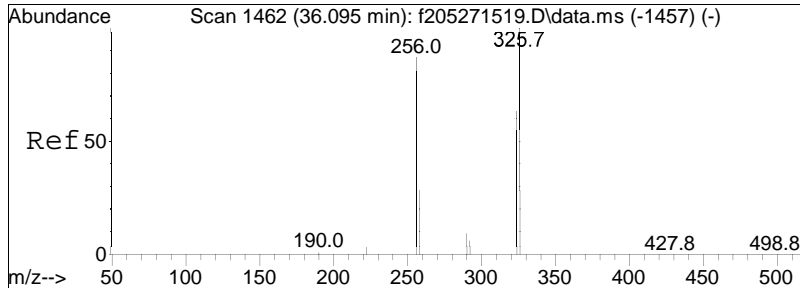




#103
 C15-BZ#97
 Concen: 87.29 ng/mL
 RT: 34.499 min Scan# 2338
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

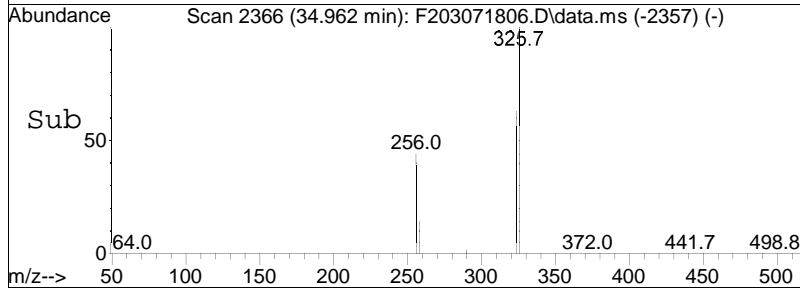
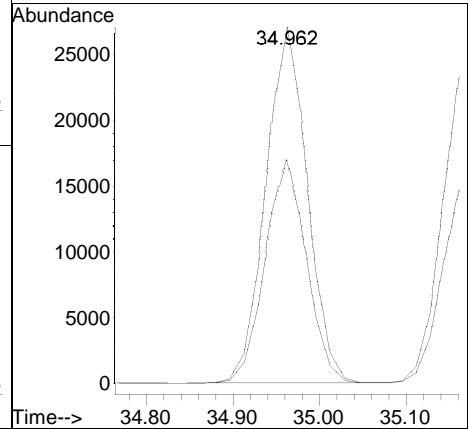
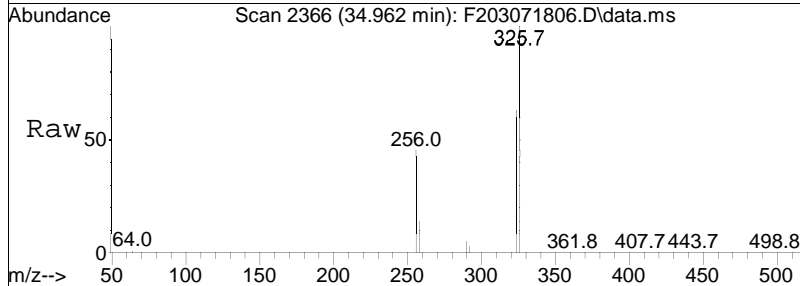
Tgt Ion: 326 Resp: 68372
 Ion Ratio Lower Upper
 326 100
 324 61.8 51.2 76.8

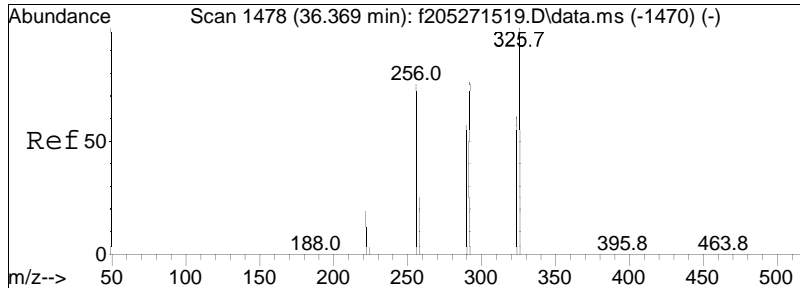




#104
 C15-BZ#116
 Concen: 82.94 ng/mL
 RT: 34.962 min Scan# 2366
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

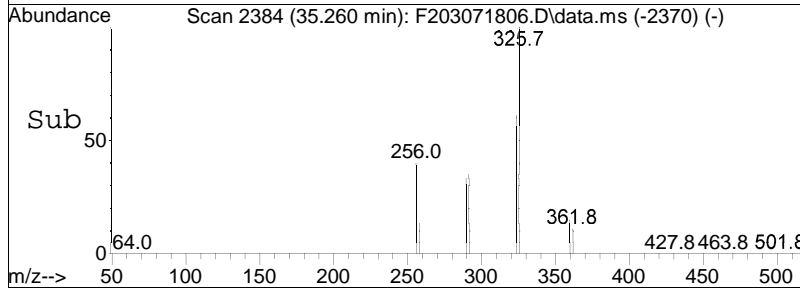
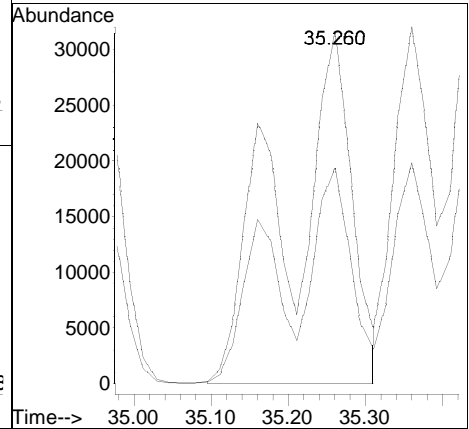
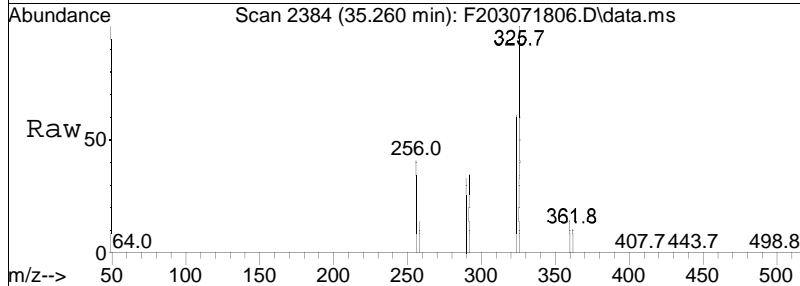
Tgt Ion: 326 Resp: 89650
 Ion Ratio Lower Upper
 326 100
 324 62.6 49.0 73.6

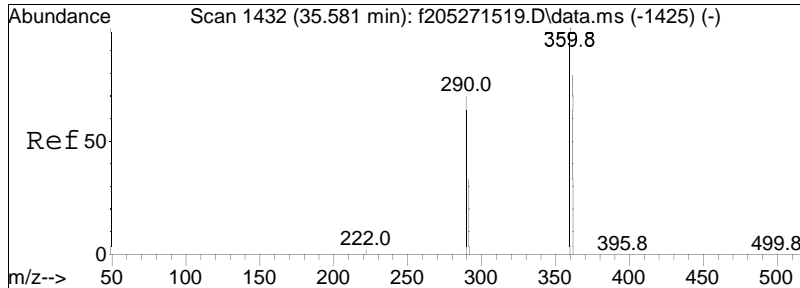




#105
 C15-BZ#87/#111
 Concen: 177.84 ng/mL M4
 RT: 35.260 min Scan# 2384
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

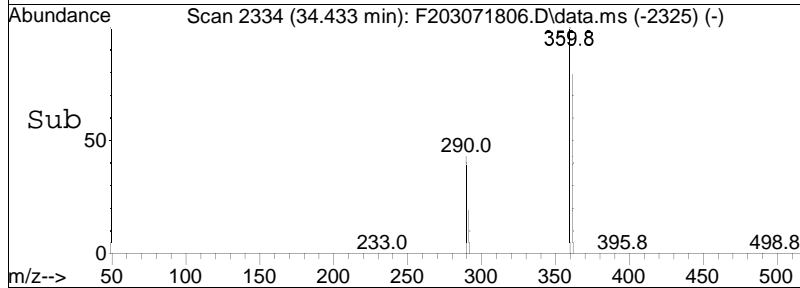
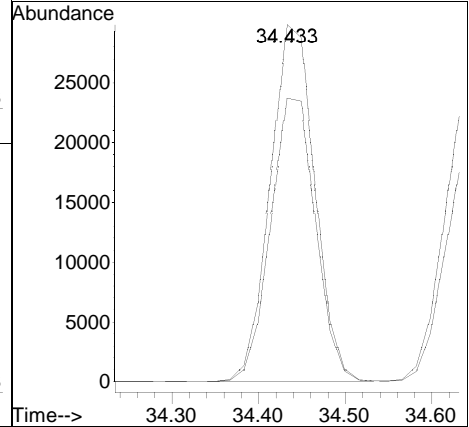
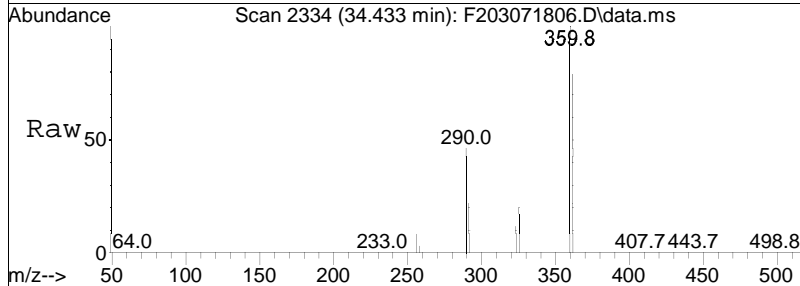
Tgt Ion: 326 Resp: 187920
 Ion Ratio Lower Upper
 326 100
 324 26.7 50.6 75.8#

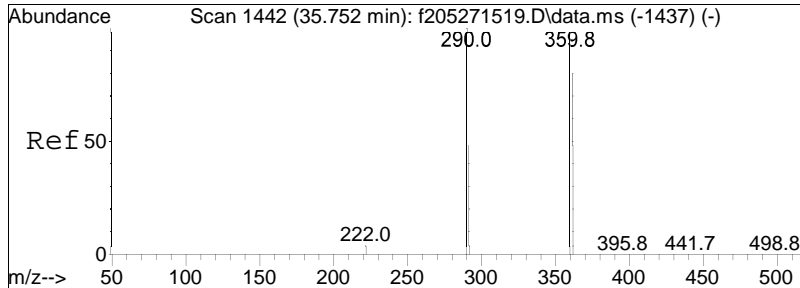




#108
 Cl6-BZ#145
 Concen: 82.71 ng/mL
 RT: 34.433 min Scan# 2334
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

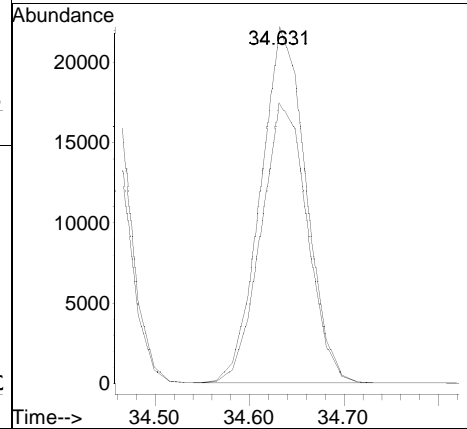
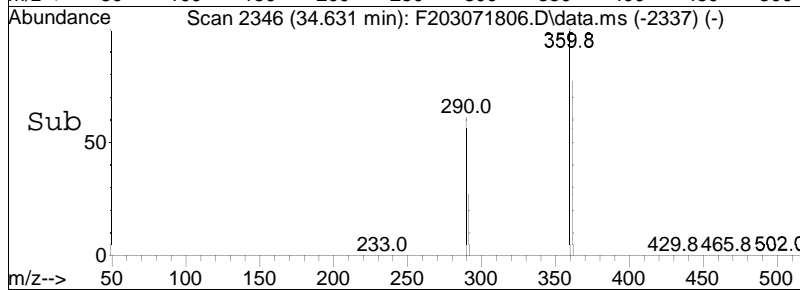
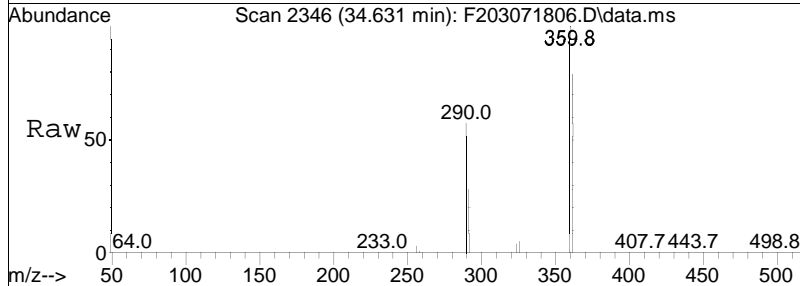
Tgt Ion: 360 Resp: 106411
 Ion Ratio Lower Upper
 360 100
 362 80.2 64.9 97.3

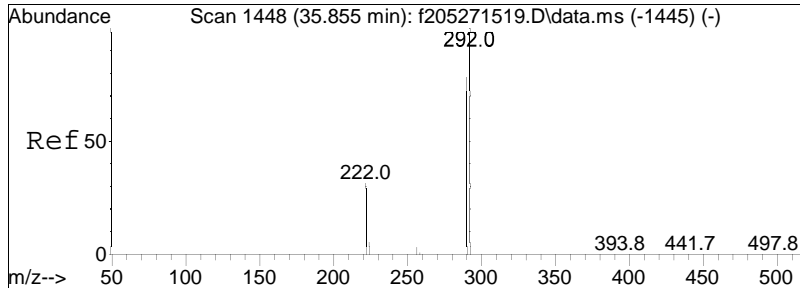




#109
 Cl6-BZ#148
 Concen: 83.96 ng/mL
 RT: 34.631 min Scan# 2346
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

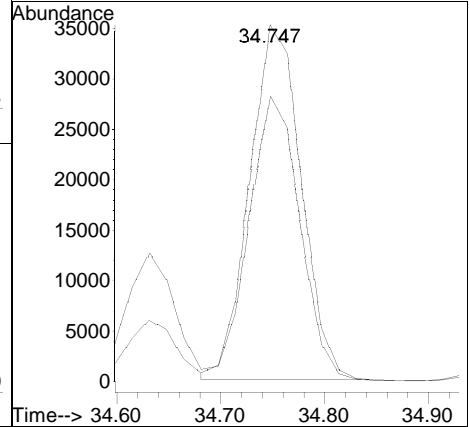
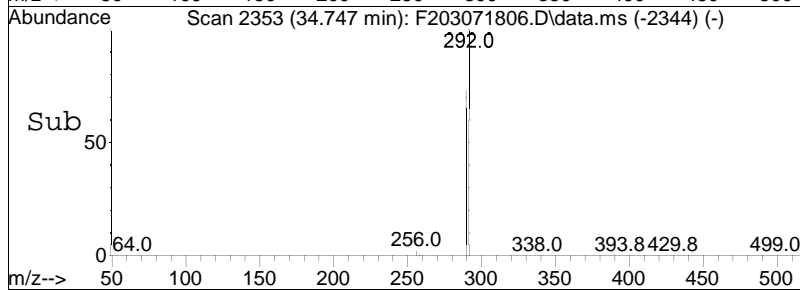
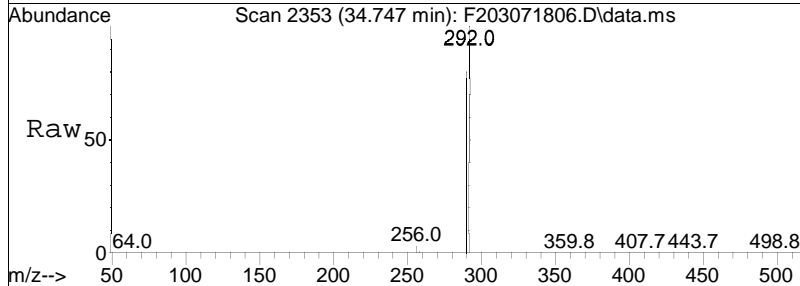
Tgt Ion: 360 Resp: 73801
 Ion Ratio Lower Upper
 360 100
 362 80.1 63.3 94.9

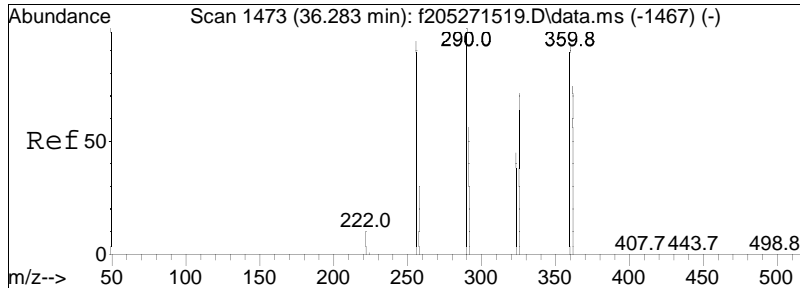




#110
 Cl4-BZ#79
 Concen: 85.12 ng/mL
 RT: 34.747 min Scan# 2353
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

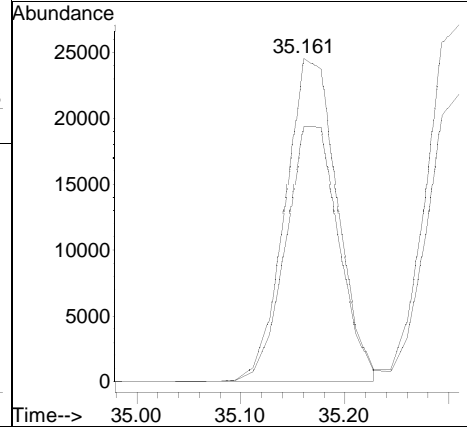
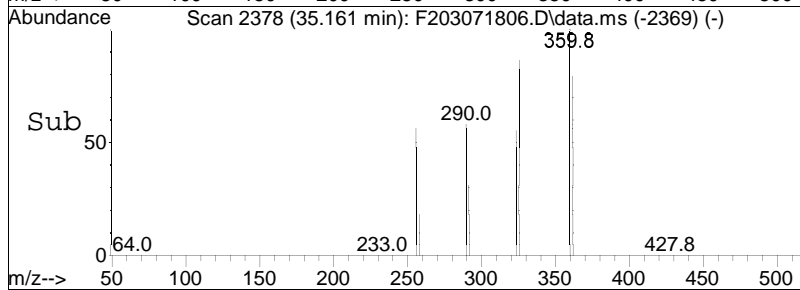
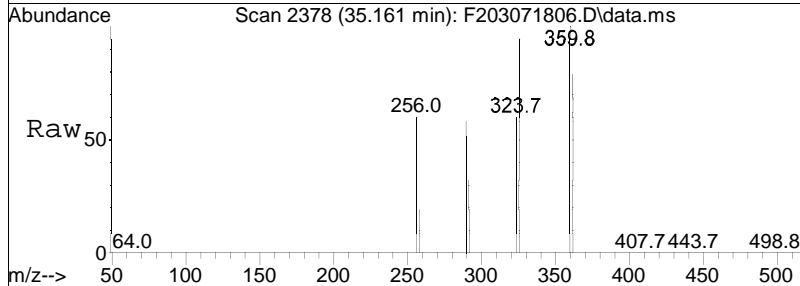
Tgt Ion: 292 Resp: 120964
 Ion Ratio Lower Upper
 292 100
 290 78.9 62.6 93.8

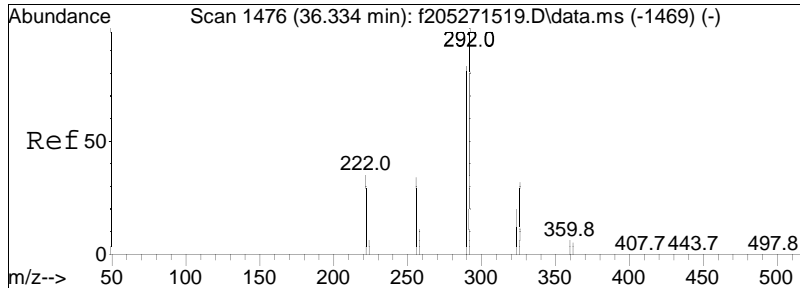




#111
 Cl6-BZ#154-Cal
 Concen: 84.11 ng/mL
 RT: 35.161 min Scan# 2378
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

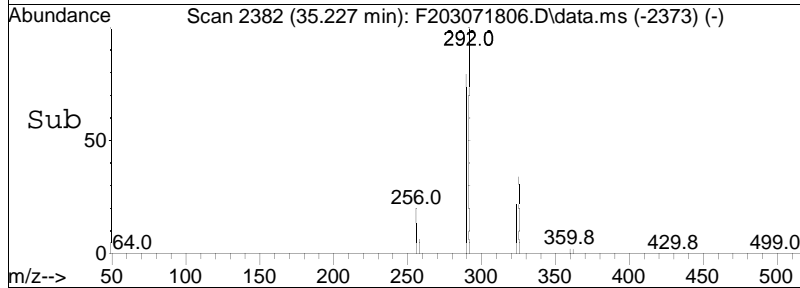
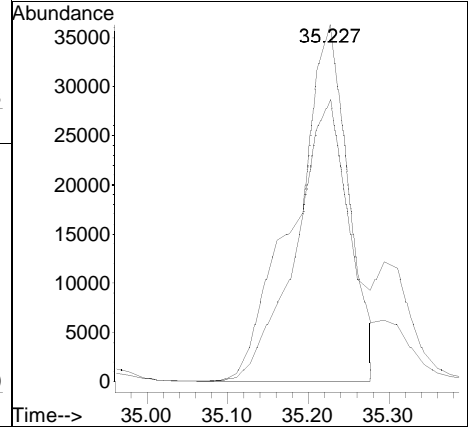
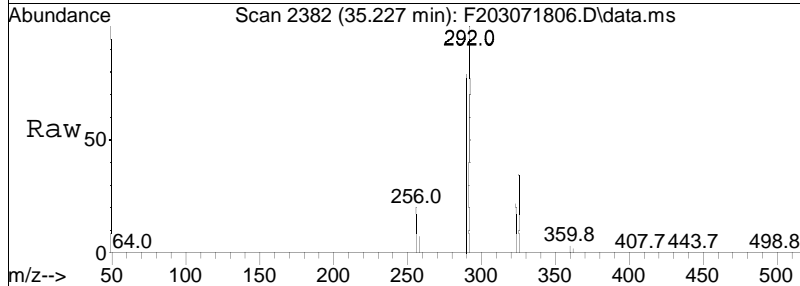
Tgt Ion: 360 Resp: 85449
 Ion Ratio Lower Upper
 360 100
 362 81.2 64.2 96.4

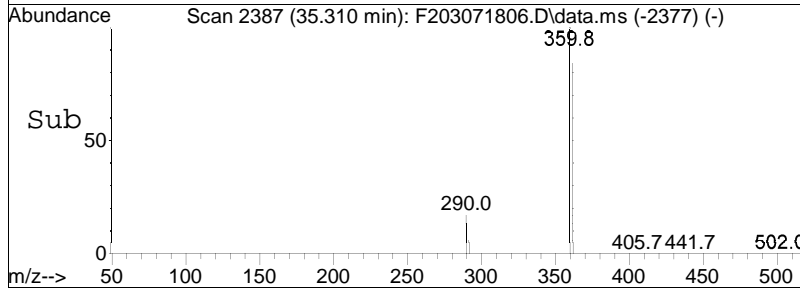
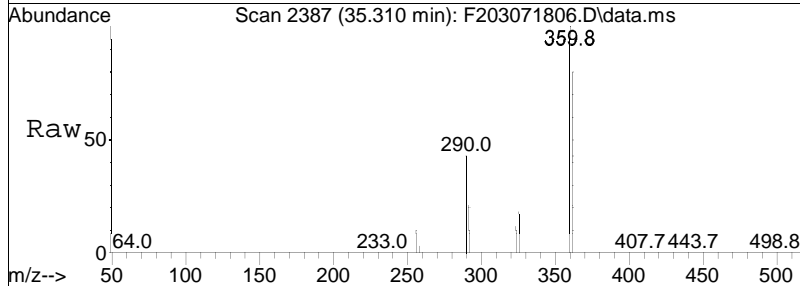
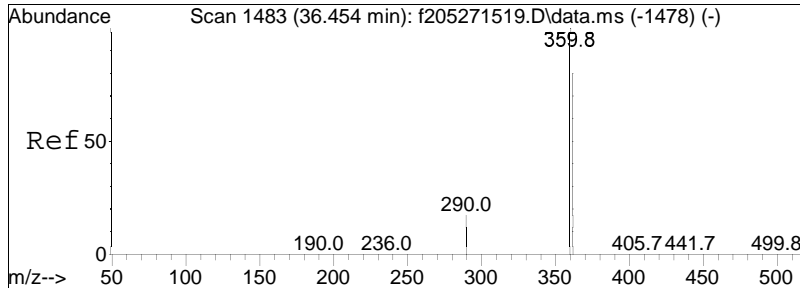




#114
 Cl4-BZ#78
 Concen: 85.78 ng/mL M4
 RT: 35.227 min Scan# 2382
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

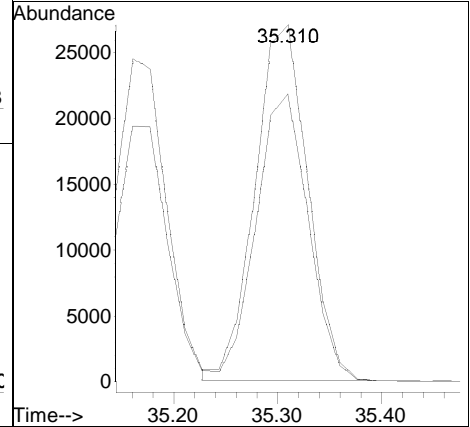
Tgt Ion: 292 Resp: 150891
 Ion Ratio Lower Upper
 292 100
 290 77.3 65.0 97.6

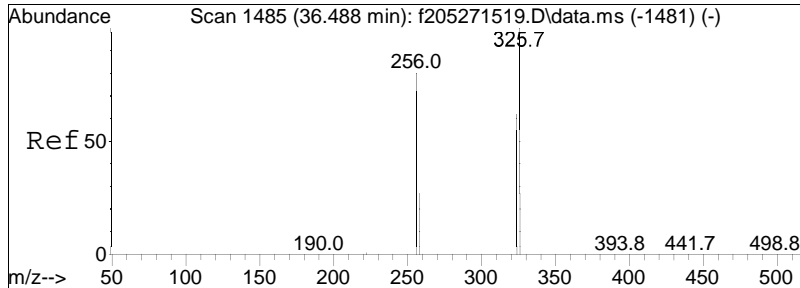




#115
 Cl6-BZ#136
 Concen: 84.53 ng/mL
 RT: 35.310 min Scan# 2387
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

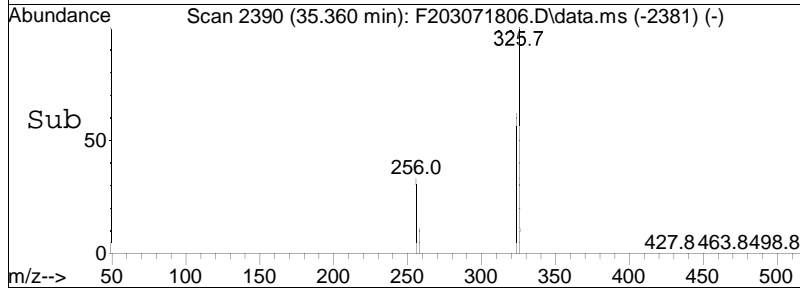
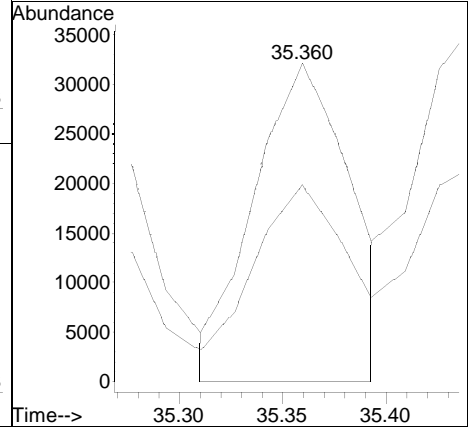
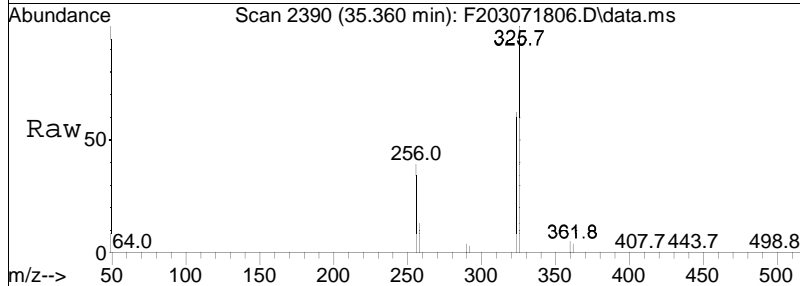
Tgt Ion	Resp	Lower	Upper
360	95201		
360	100		
362	79.3	64.9	97.3

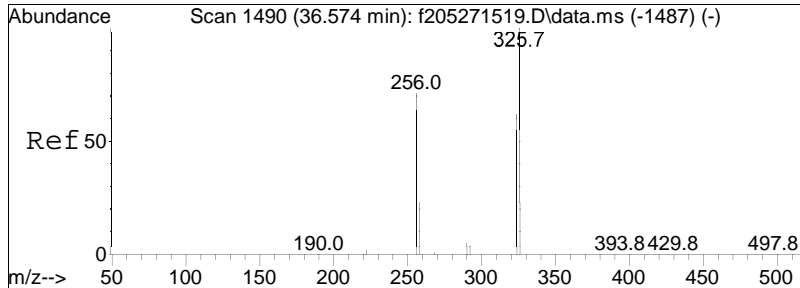




#116
 C15-BZ#117
 Concen: 78.78 ng/mL M4
 RT: 35.360 min Scan# 2390
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

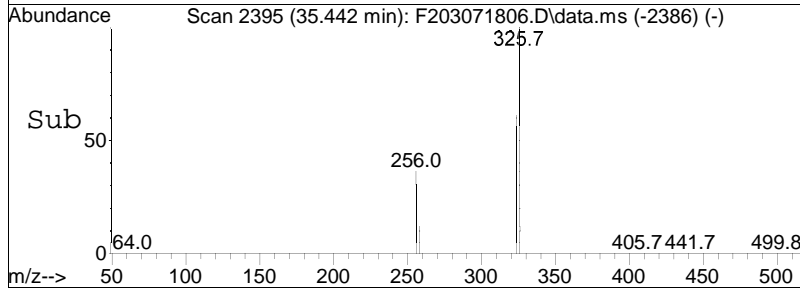
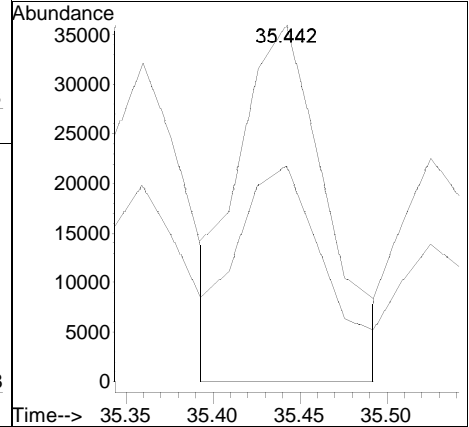
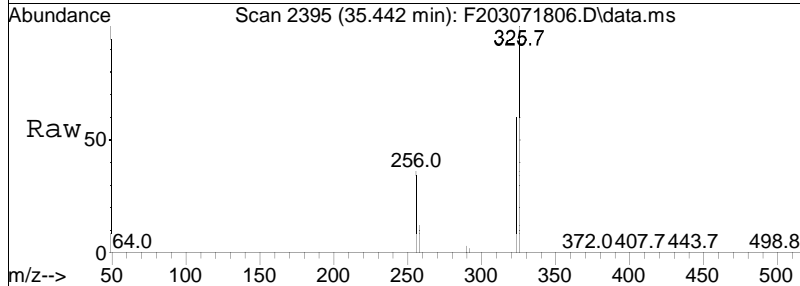
Tgt Ion	Ratio	Lower	Upper
326	100		
324	46.9	49.1	73.7#

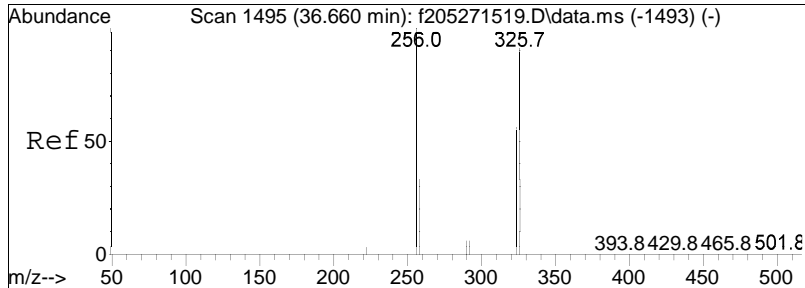




#117
 C15-BZ#115
 Concen: 95.57 ng/mL M4
 RT: 35.442 min Scan# 2395
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

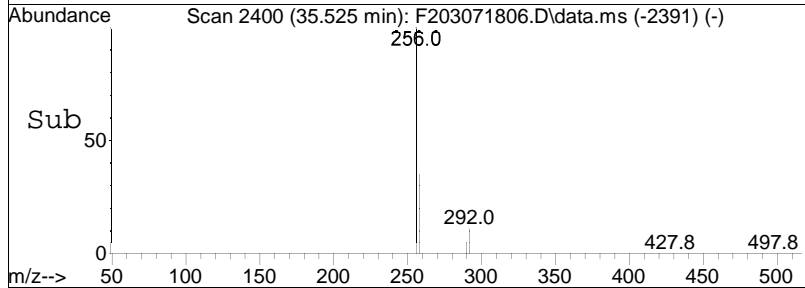
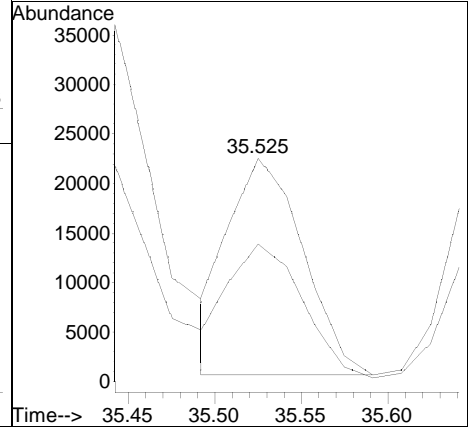
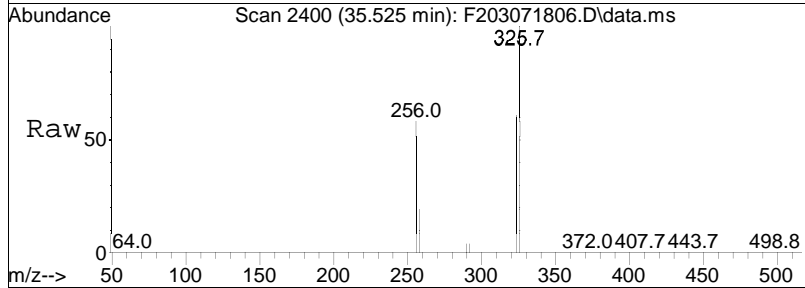
Tgt Ion: 326 Resp: 126655
 Ion Ratio Lower Upper
 326 100
 324 37.3 48.7 73.1#

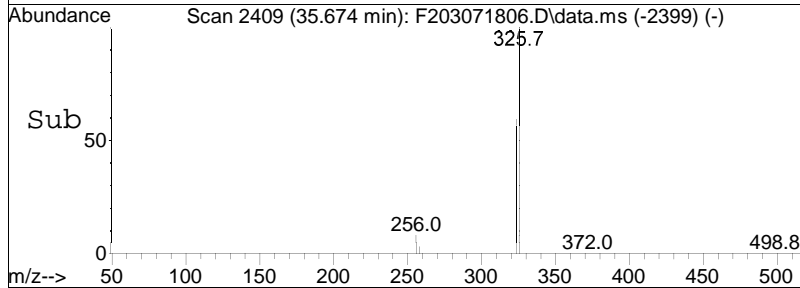
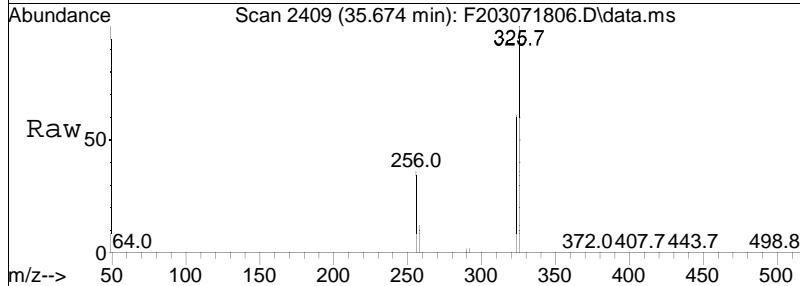
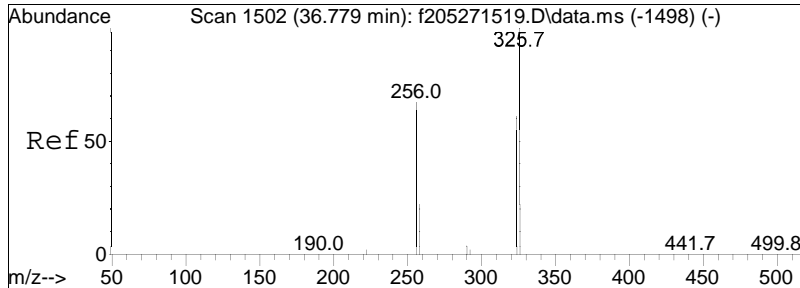




#118
 C15-BZ#85
 Concen: 78.88 ng/mL
 RT: 35.525 min Scan# 2400
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

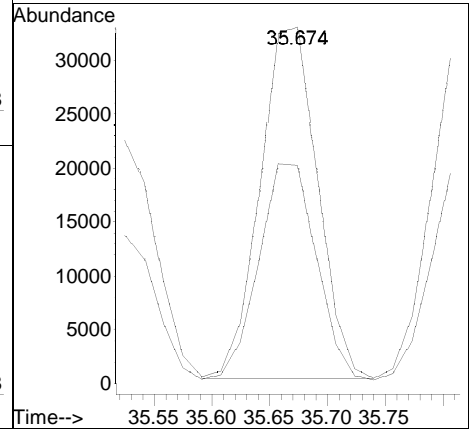
Tgt Ion: 326 Resp: 65293
 Ion Ratio Lower Upper
 326 100
 324 61.8 49.6 74.4

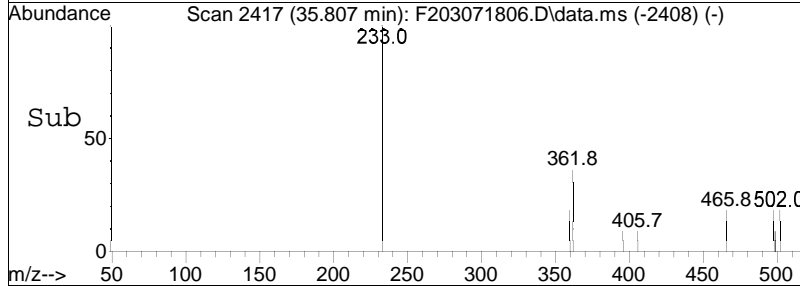
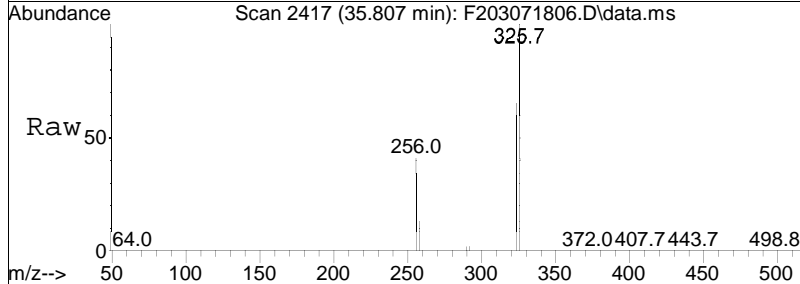
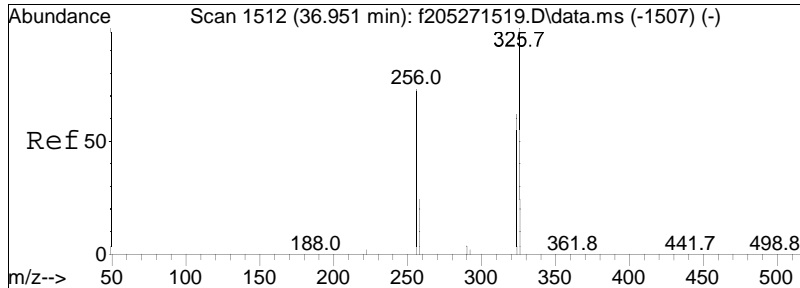




#119
 C15-BZ#120
 Concen: 87.03 ng/mL
 RT: 35.674 min Scan# 2409
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

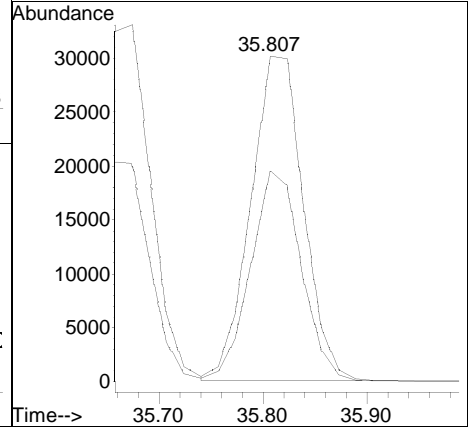
Tgt Ion	Resp	Lower	Upper
326	112744		
326	100		
324	62.0	49.7	74.5

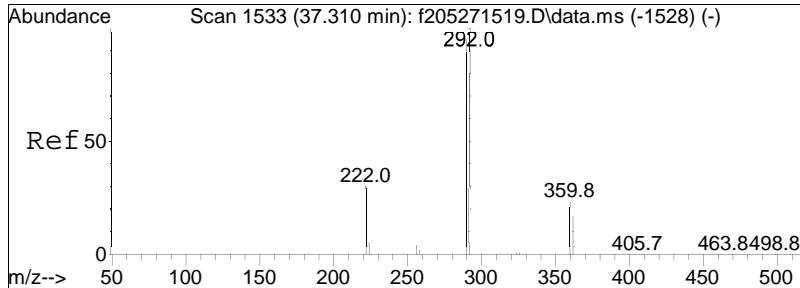




#120
 C15-BZ#110
 Concen: 84.41 ng/mL
 RT: 35.807 min Scan# 2417
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

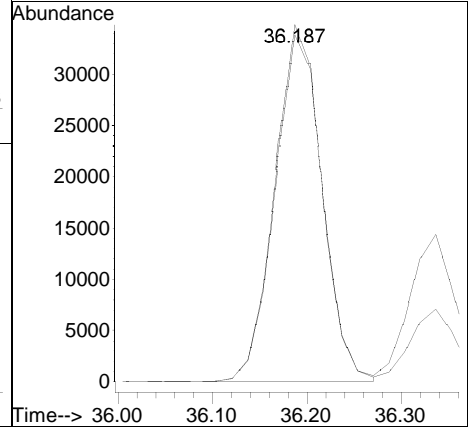
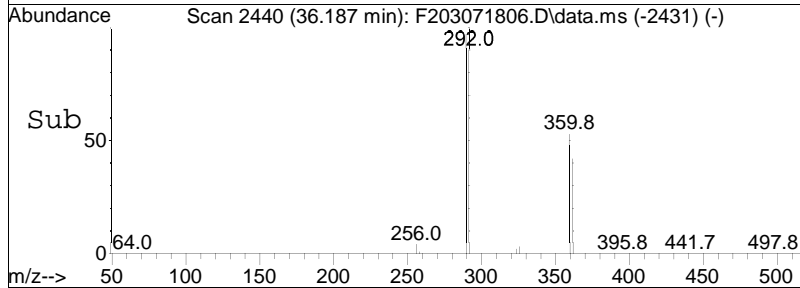
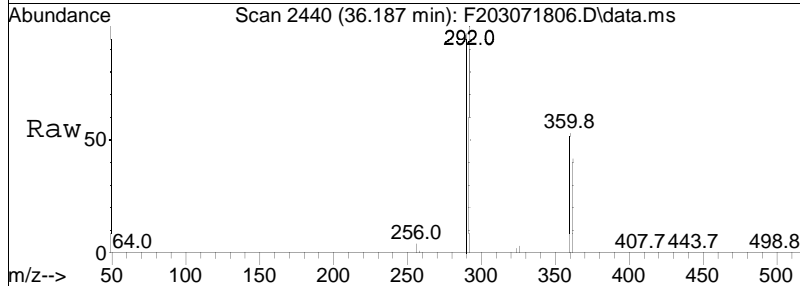
Tgt Ion	Resp	Lower	Upper
326	105552		
326	100		
324	62.0	49.4	74.2

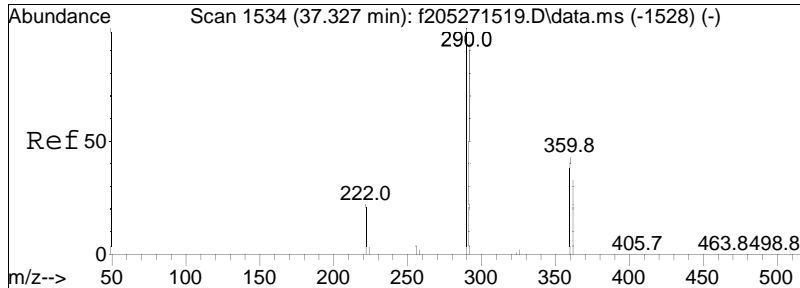




#121
 Cl4-BZ#81
 Concen: 83.85 ng/mL
 RT: 36.187 min Scan# 2440
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

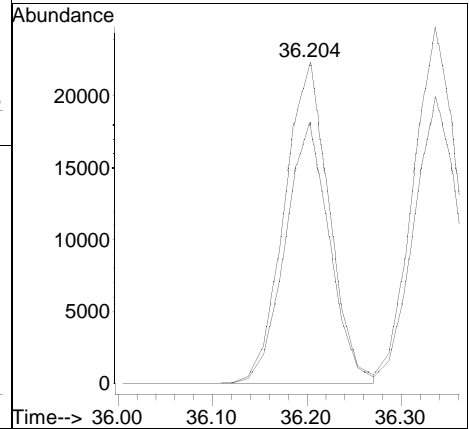
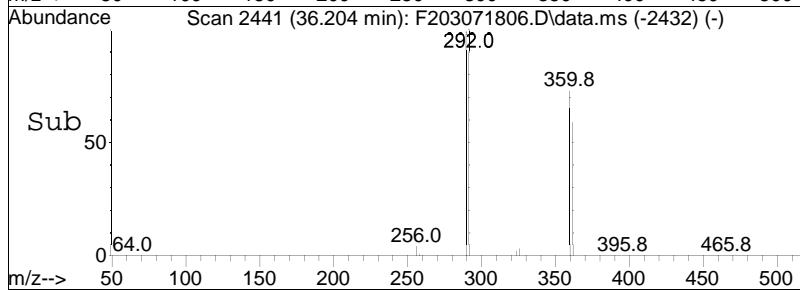
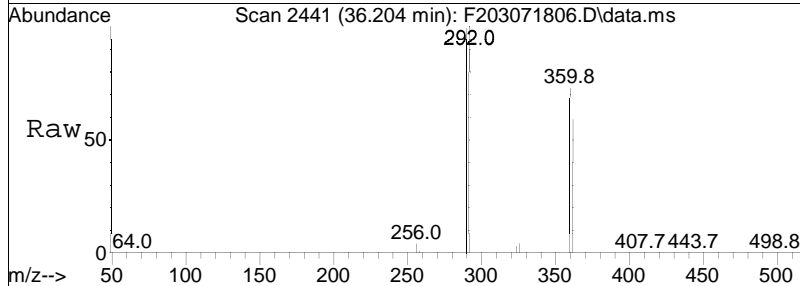
Tgt Ion: 292 Resp: 119617
 Ion Ratio Lower Upper
 292 100
 290 97.4 78.3 117.5

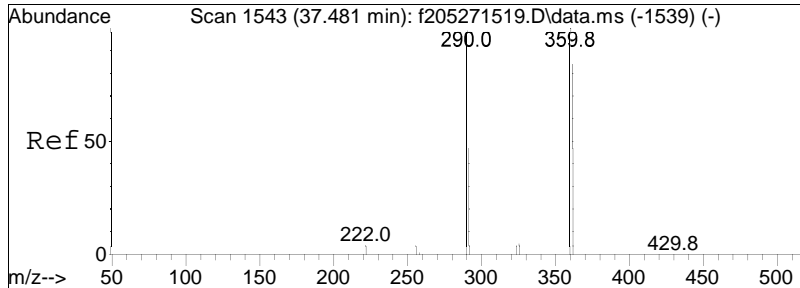




#123
 Cl6-BZ#151
 Concen: 84.92 ng/mL
 RT: 36.204 min Scan# 2441
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

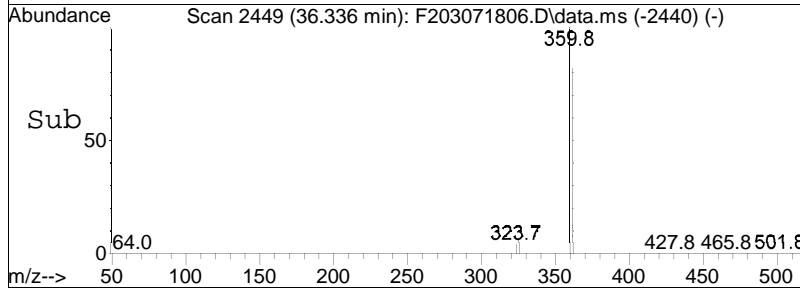
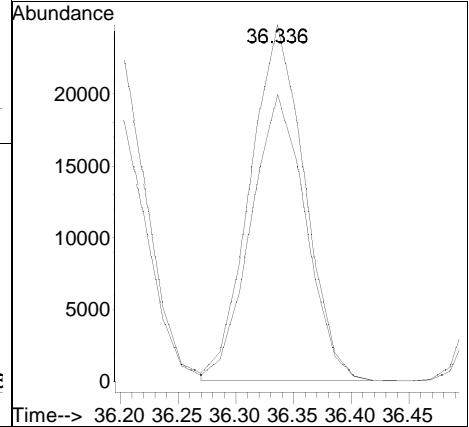
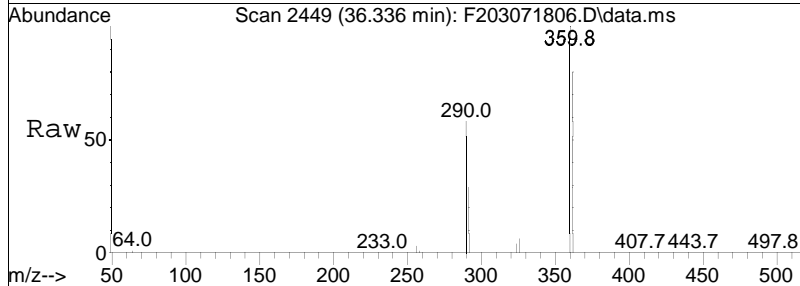
Tgt Ion: 360 Resp: 73509
 Ion Ratio Lower Upper
 360 100
 362 80.2 62.7 94.1

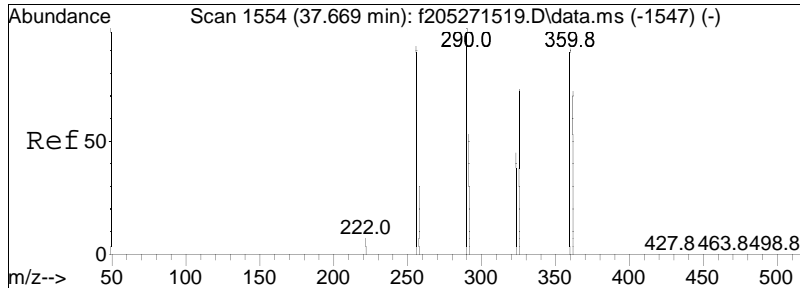




#124
 Cl6-BZ#135
 Concen: 88.56 ng/mL
 RT: 36.336 min Scan# 2449
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

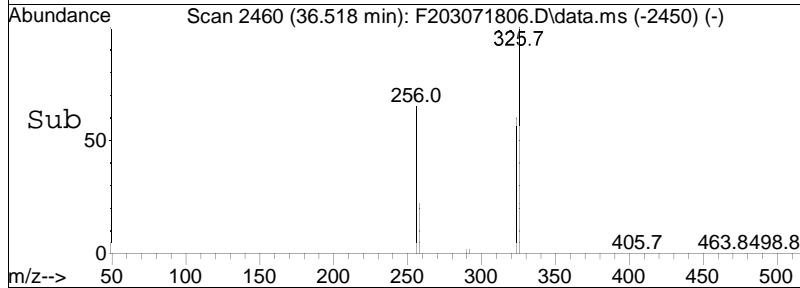
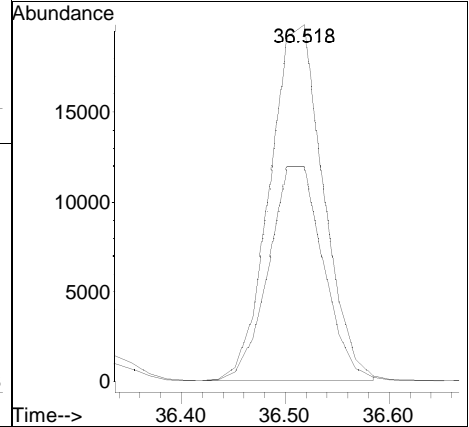
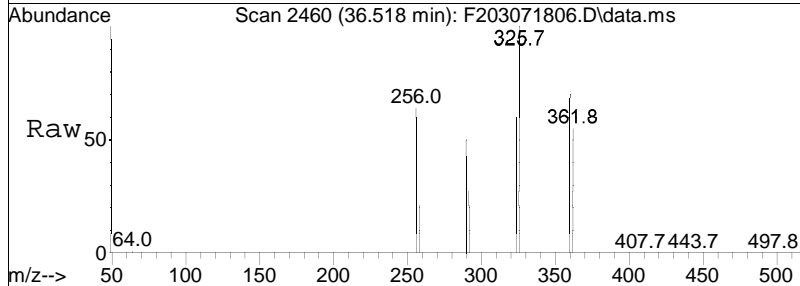
Tgt Ion: 360 Resp: 80859
 Ion Ratio Lower Upper
 360 100
 362 80.9 64.3 96.5

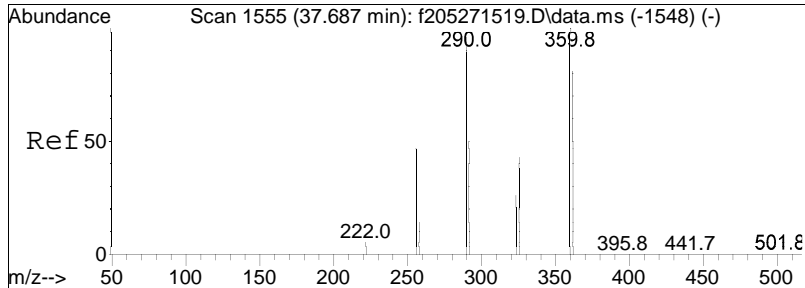




#125
 C15-BZ#82
 Concen: 90.48 ng/mL
 RT: 36.518 min Scan# 2460
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

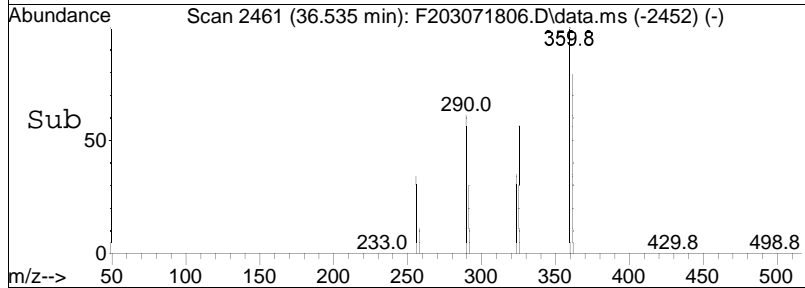
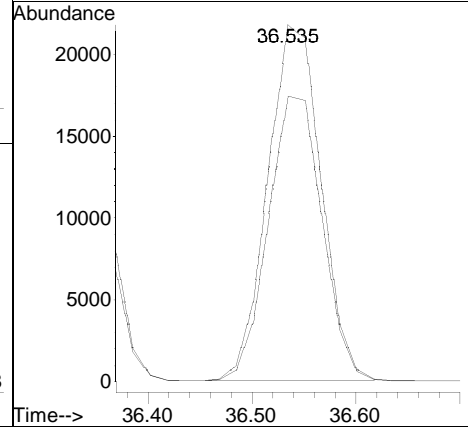
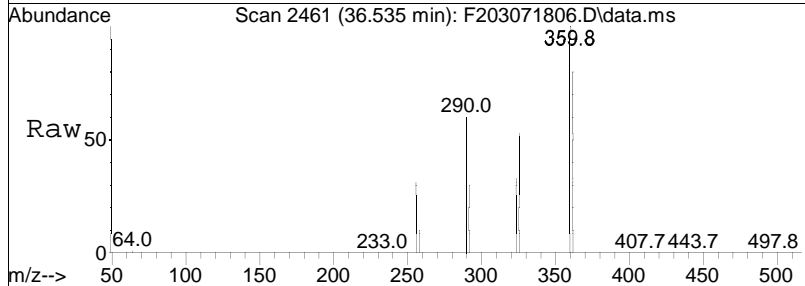
Tgt Ion: 326 Resp: 70661
 Ion Ratio Lower Upper
 326 100
 324 61.4 48.7 73.1

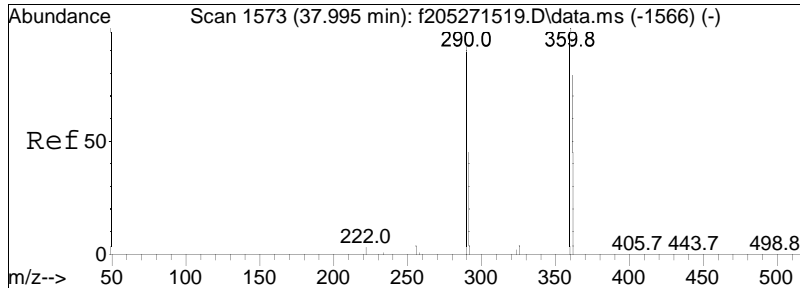




#126
 Cl6-BZ#144
 Concen: 87.04 ng/mL
 RT: 36.535 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

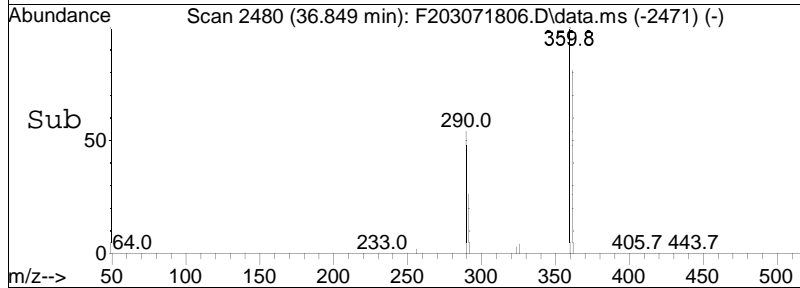
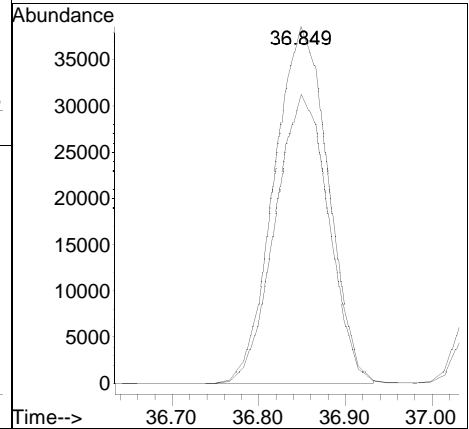
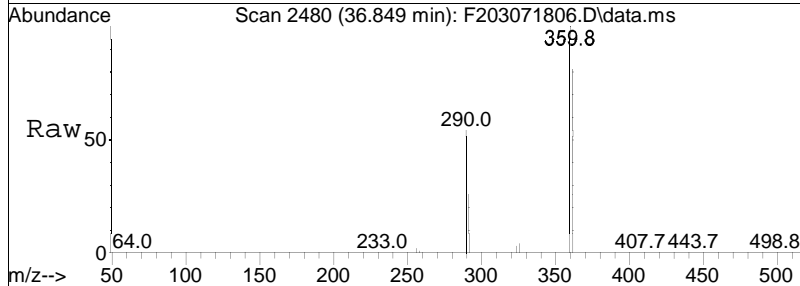
Tgt Ion: 360 Resp: 77472
 Ion Ratio Lower Upper
 360 100
 362 80.5 64.8 97.2

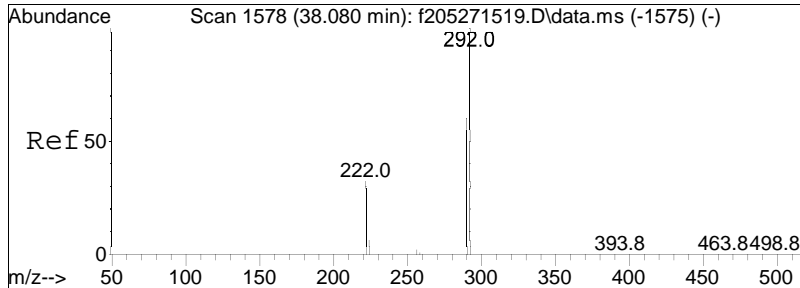




#127
 Cl6-BZ#147/#149
 Concen: 175.02 ng/mL
 RT: 36.849 min Scan# 2480
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

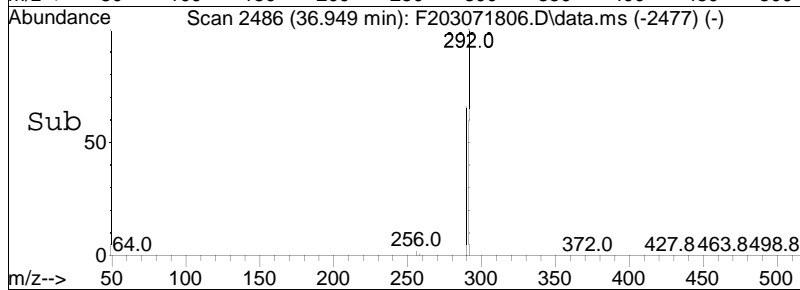
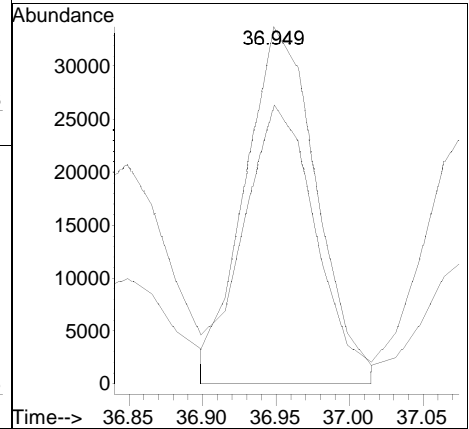
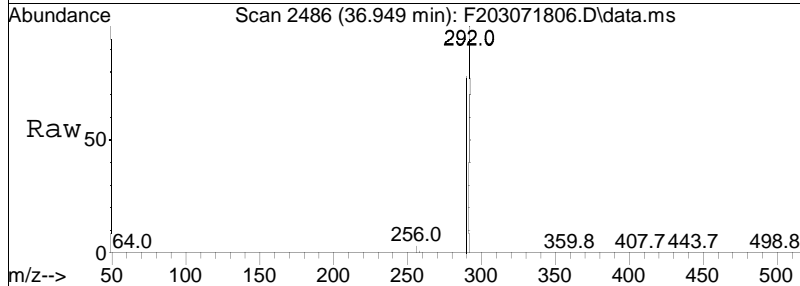
Tgt Ion	Resp	Lower	Upper
360	166328		
362	80.1	62.6	94.0

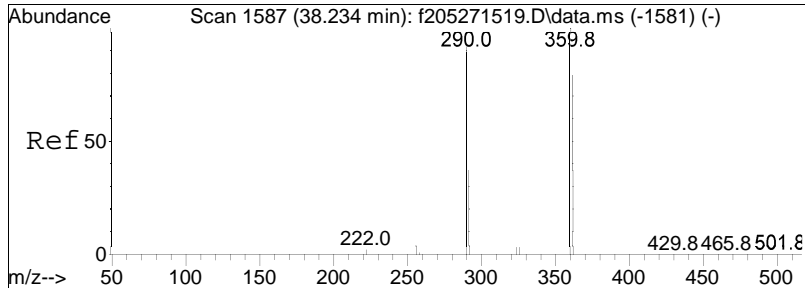




#128
 Cl4-BZ#77-RTW
 Concen: 87.71 ng/mL M4
 RT: 36.949 min Scan# 2486
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

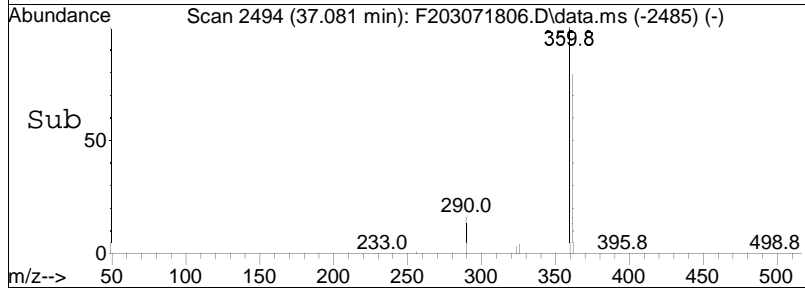
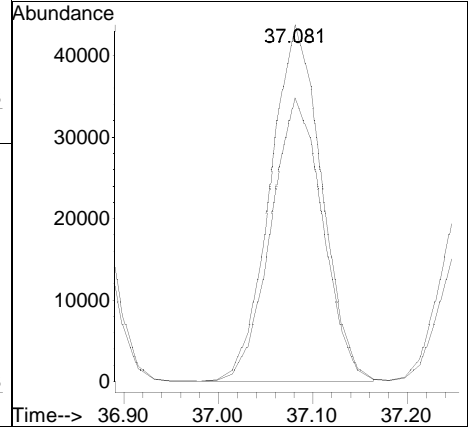
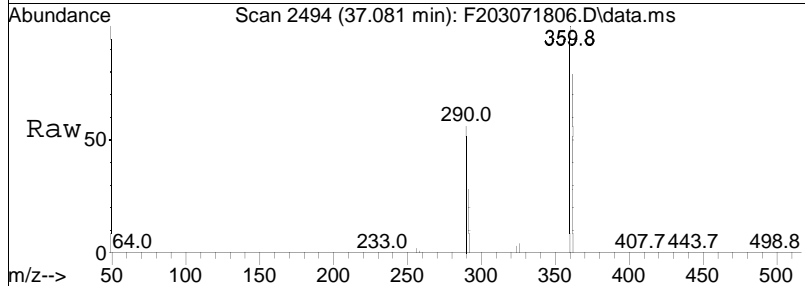
Tgt Ion: 292 Resp: 113912
 Ion Ratio Lower Upper
 292 100
 290 78.0 62.0 93.0

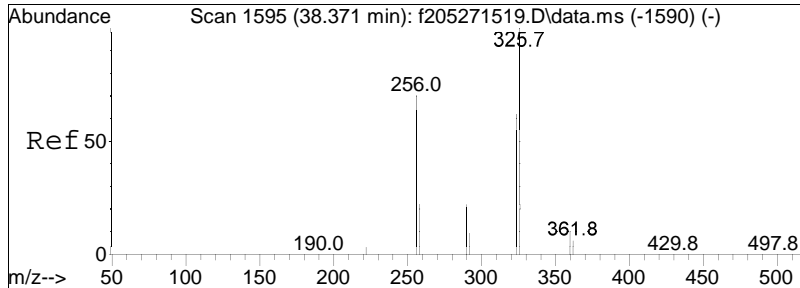




#129
 Cl6-BZ#143/#139
 Concen: 180.09 ng/mL
 RT: 37.081 min Scan# 2494
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

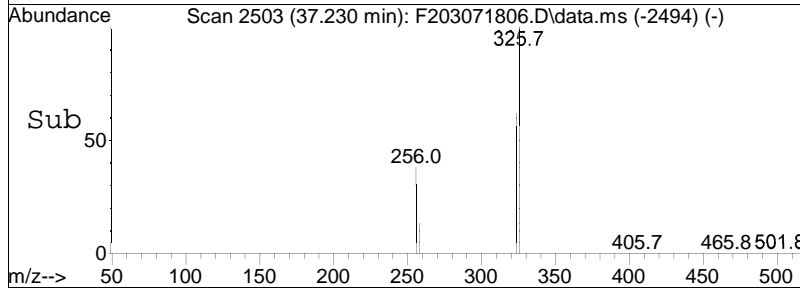
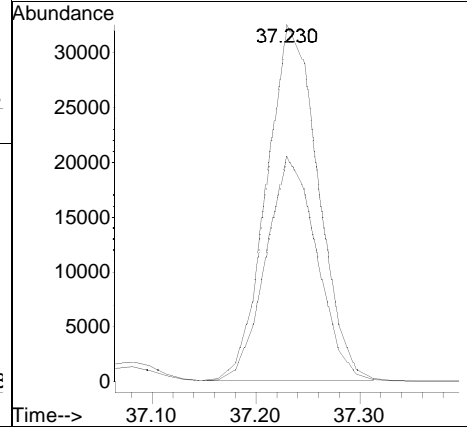
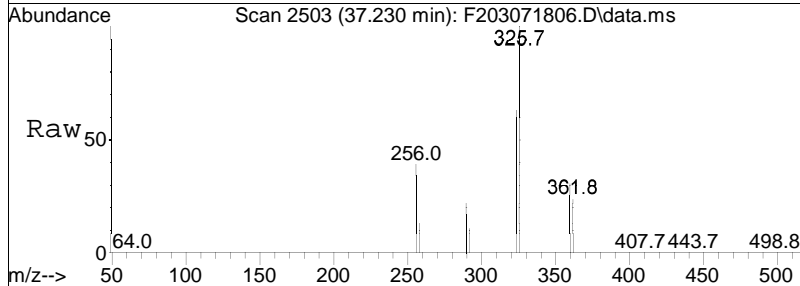
Tgt Ion: 360 Resp: 164478
 Ion Ratio Lower Upper
 360 100
 362 80.1 64.7 97.1

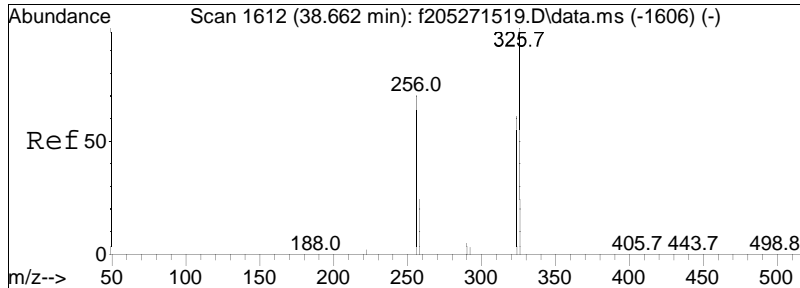




#130
 C15-BZ#124
 Concen: 90.55 ng/mL
 RT: 37.230 min Scan# 2503
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

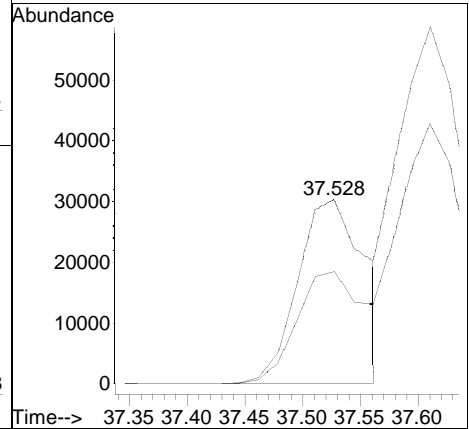
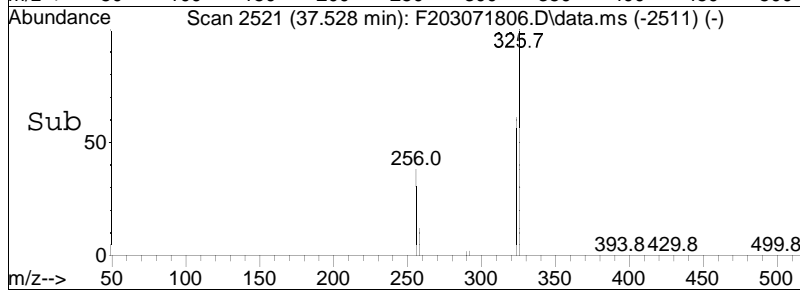
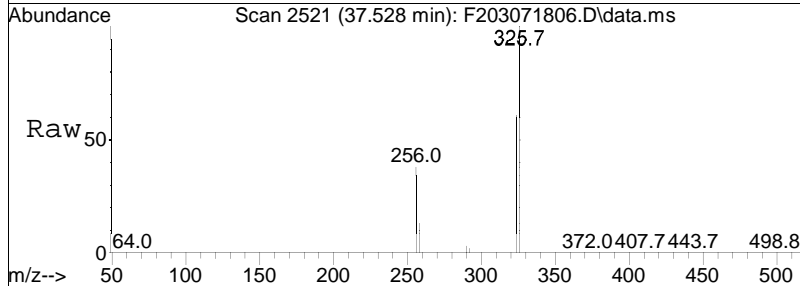
Tgt Ion: 326 Resp: 111187
 Ion Ratio Lower Upper
 326 100
 324 62.1 49.2 73.8

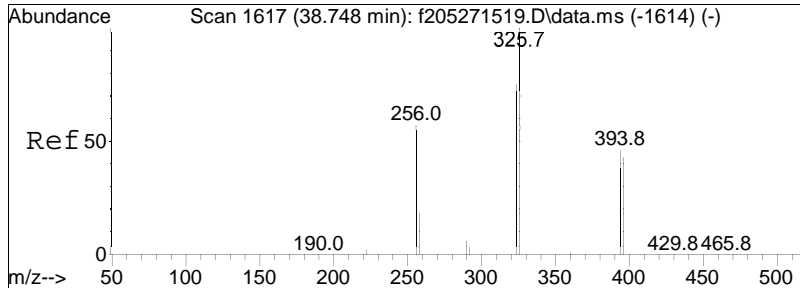




#131
 C15-BZ#108
 Concen: 98.19 ng/mL
 RT: 37.528 min Scan# 2521
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

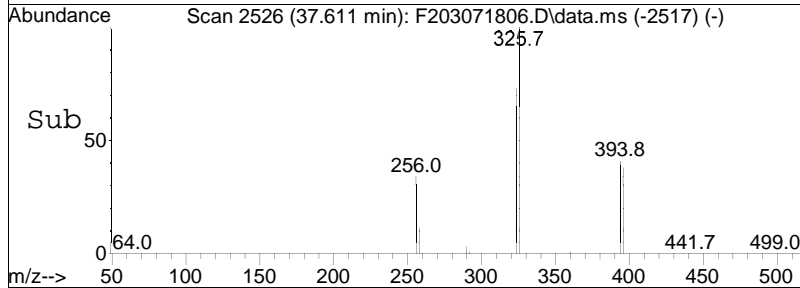
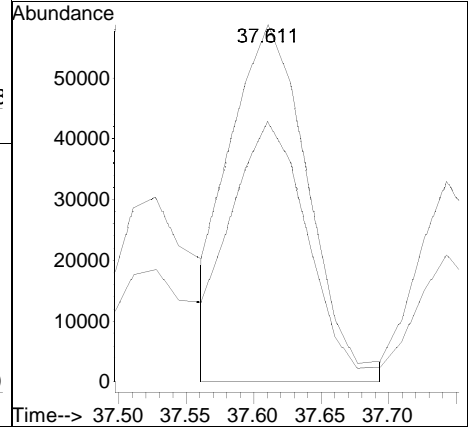
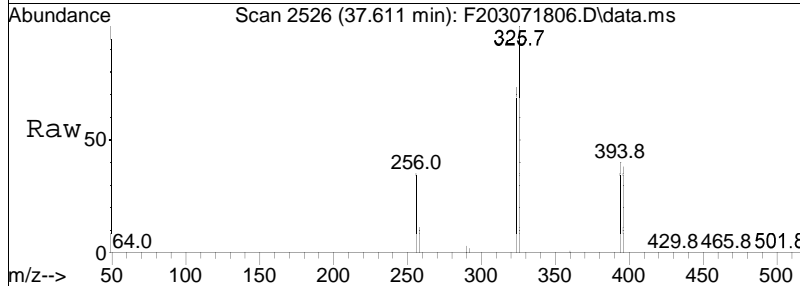
Tgt Ion	Resp	Lower	Upper
326	100		
324	62.5	50.0	75.0

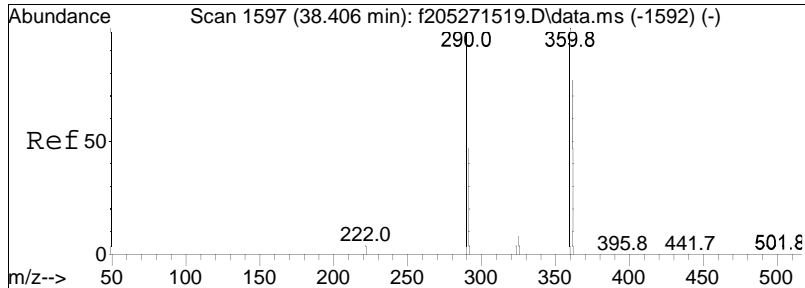




#132
 C15-BZ#107/#123
 Concen: 177.16 ng/mL M4
 RT: 37.611 min Scan# 2526
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

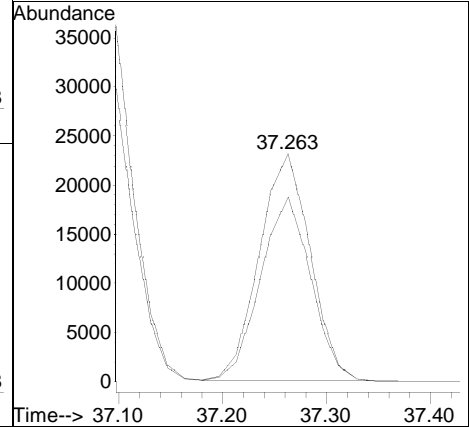
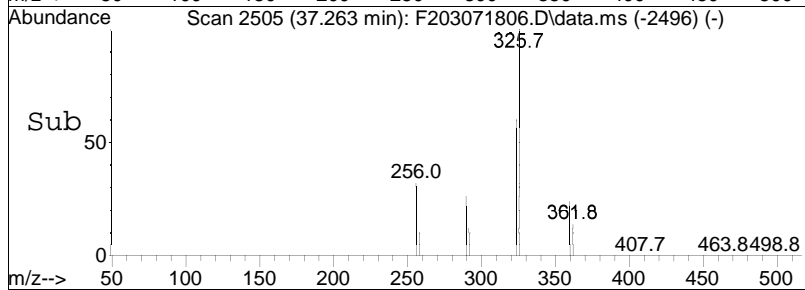
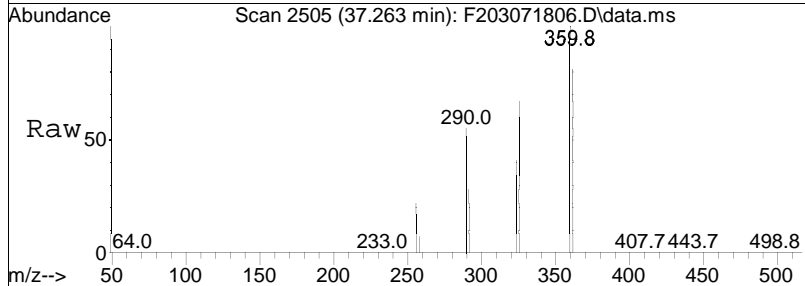
Tgt Ion: 326 Resp: 235596
 Ion Ratio Lower Upper
 326 100
 324 64.3 57.6 86.4

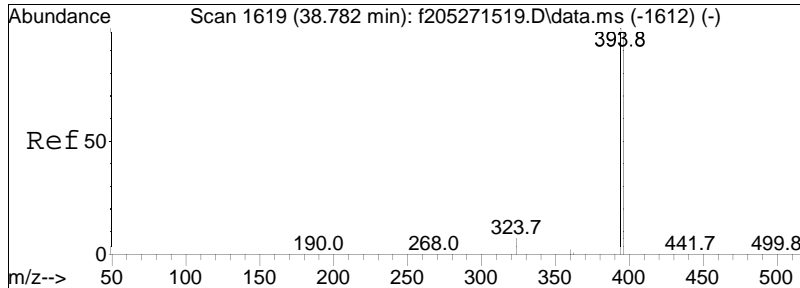




#133
 Cl6-BZ#140
 Concen: 89.01 ng/mL
 RT: 37.263 min Scan# 2505
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

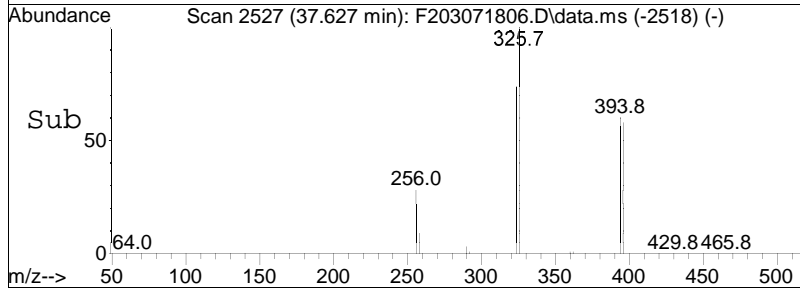
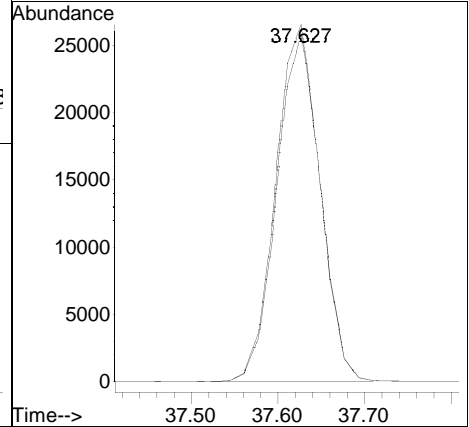
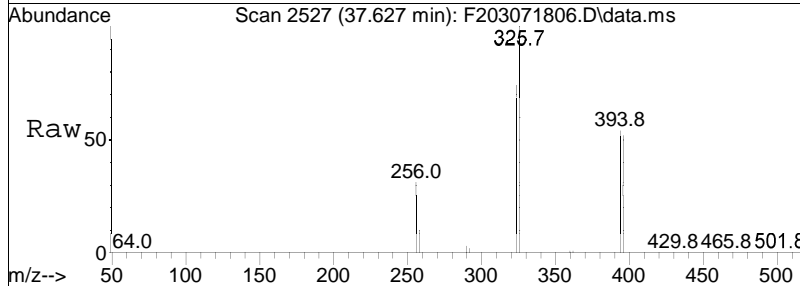
Tgt Ion: 360 Resp: 78563
 Ion Ratio Lower Upper
 360 100
 362 80.2 64.8 97.2

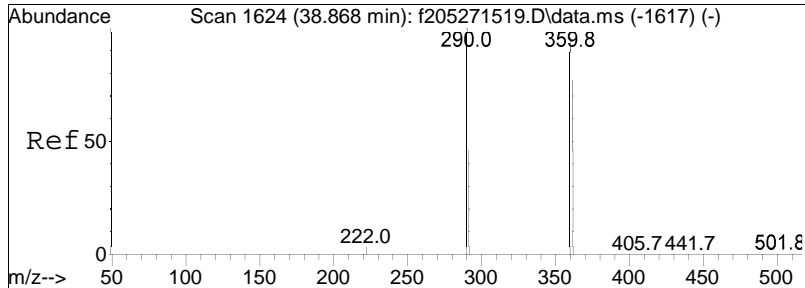




#134
 Cl7-BZ#188-Cal/RTW
 Concen: 89.42 ng/mL
 RT: 37.627 min Scan# 2527
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

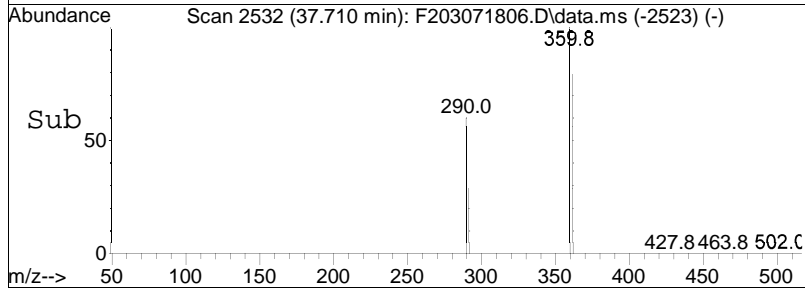
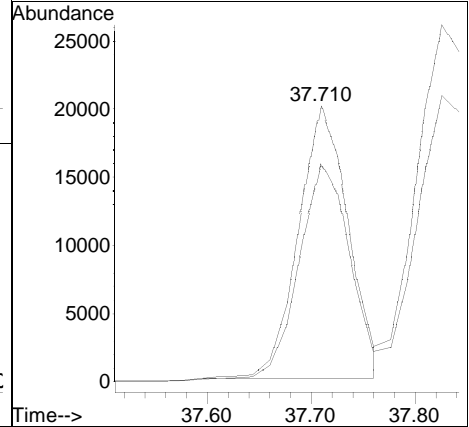
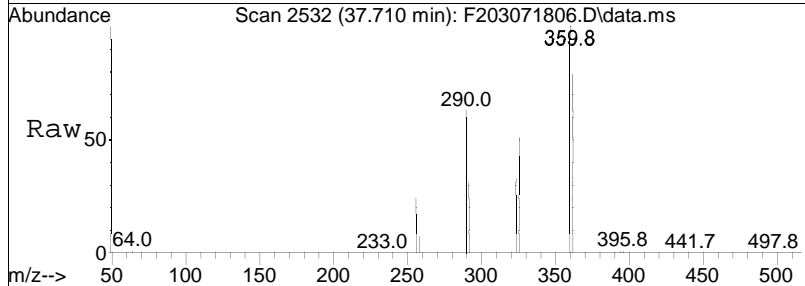
Tgt Ion	Resp	Lower	Upper
394	100		
396	96.4	76.3	114.5

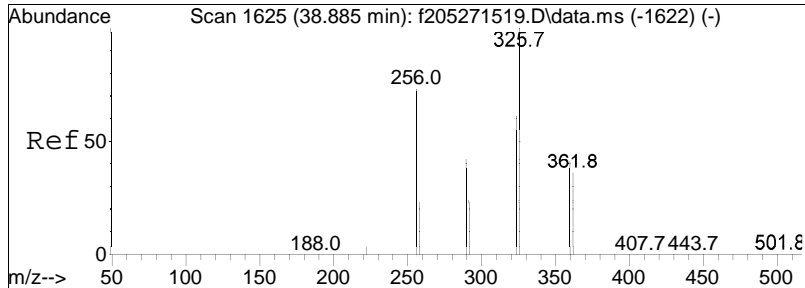




#137
 Cl6-BZ#134
 Concen: 88.52 ng/mL
 RT: 37.710 min Scan# 2532
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

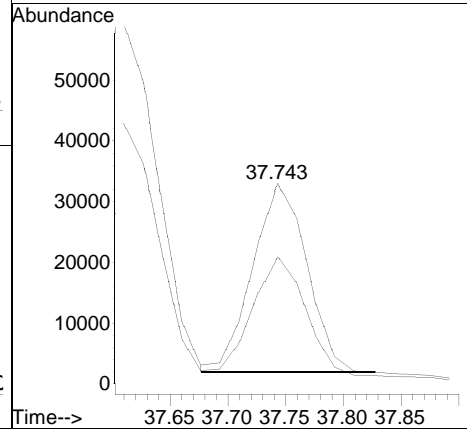
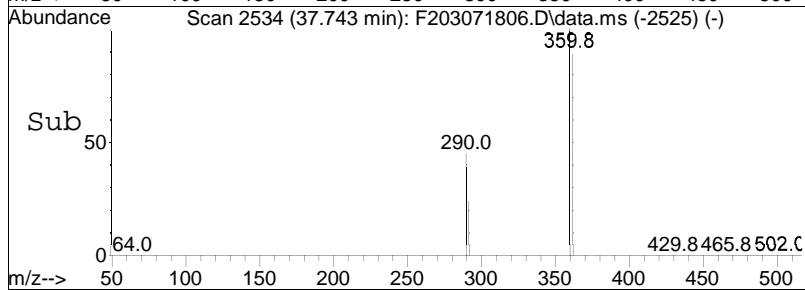
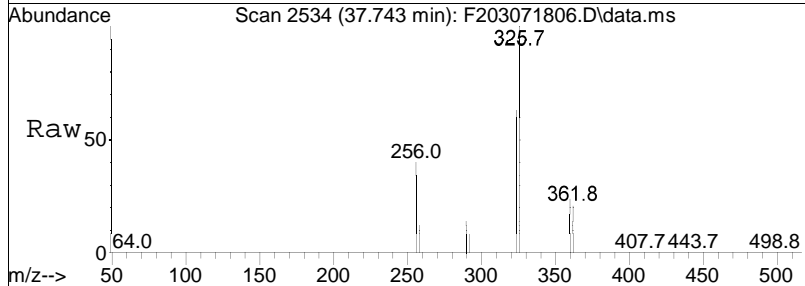
Tgt Ion: 360 Resp: 66590
 Ion Ratio Lower Upper
 360 100
 362 80.7 61.2 91.8

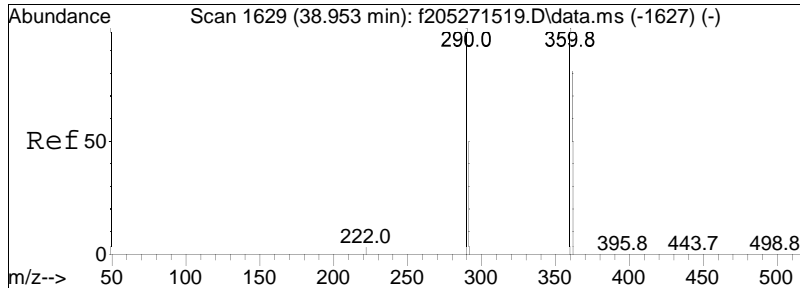




#138
 C15-BZ#106
 Concen: 83.40 ng/mL
 RT: 37.743 min Scan# 2534
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

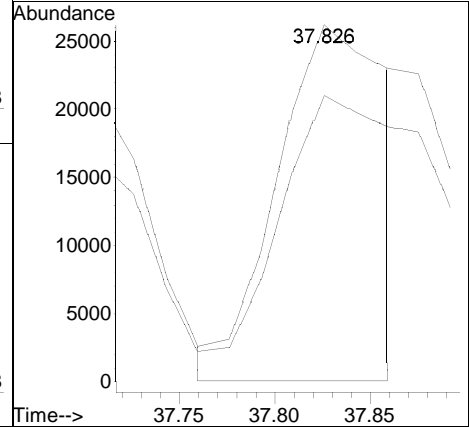
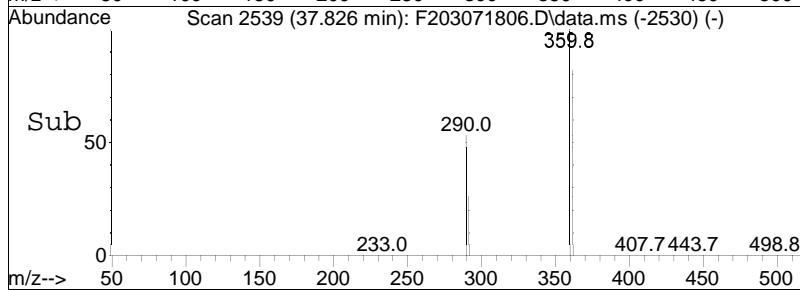
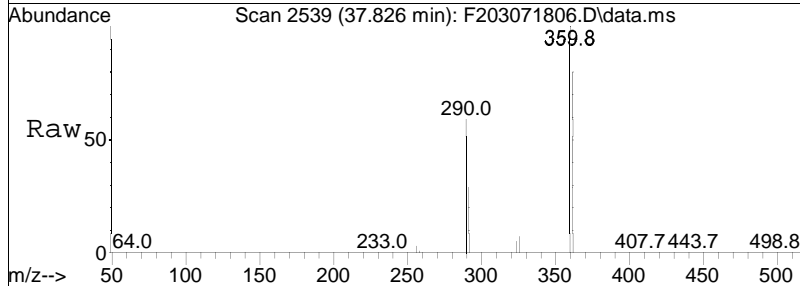
Tgt Ion: 326 Resp: 100853
 Ion Ratio Lower Upper
 326 100
 324 61.8 49.8 74.8

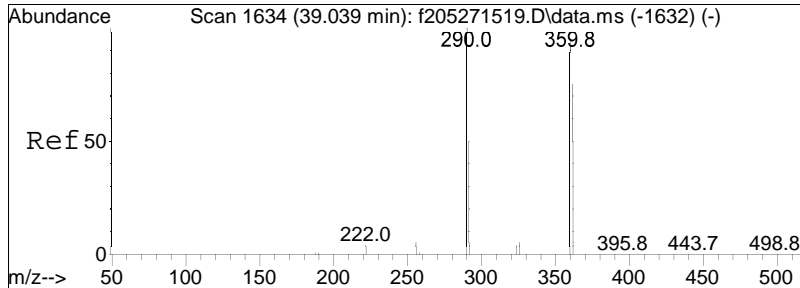




#139
 Cl6-BZ#133
 Concen: 102.36 ng/mL M4
 RT: 37.826 min Scan# 2539
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

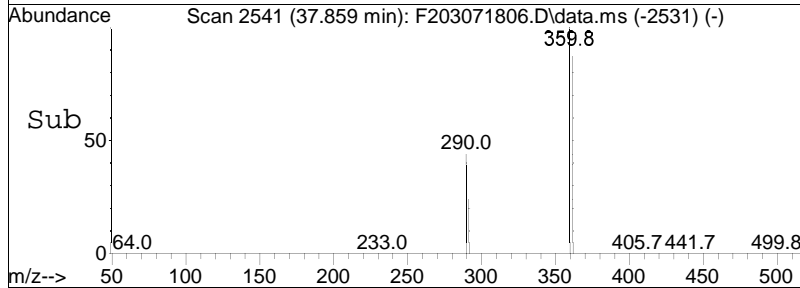
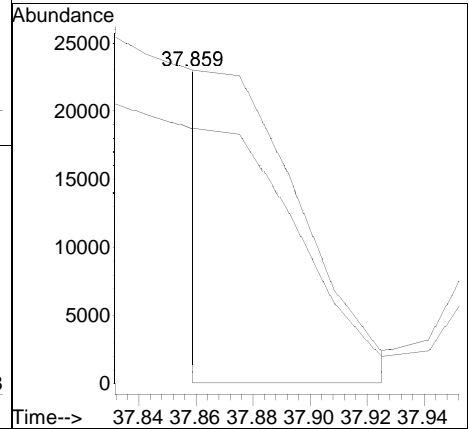
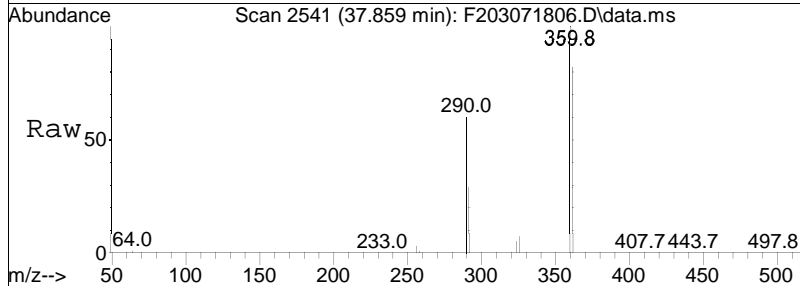
Tgt Ion: 360 Resp: 104812
 Ion Ratio Lower Upper
 360 100
 362 96.6 62.5 93.7#

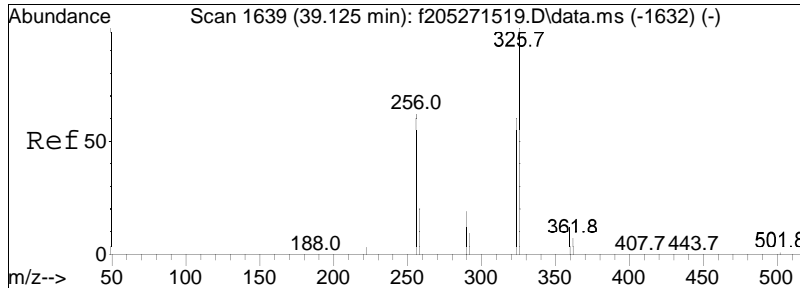




#140
 Cl6-BZ#142
 Concen: 68.11 ng/mL M3
 RT: 37.859 min Scan# 2541
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

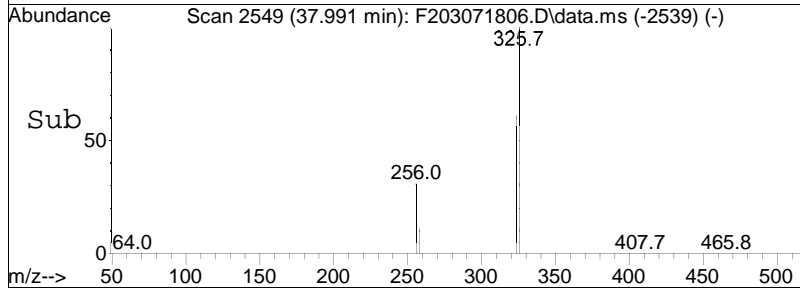
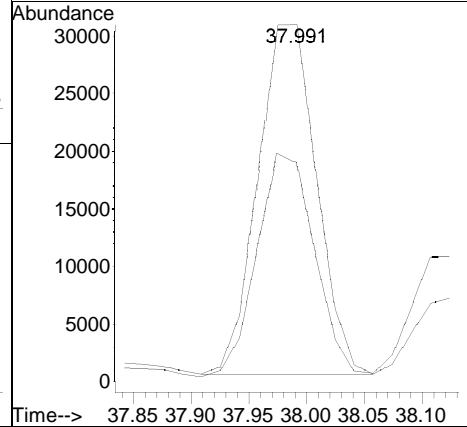
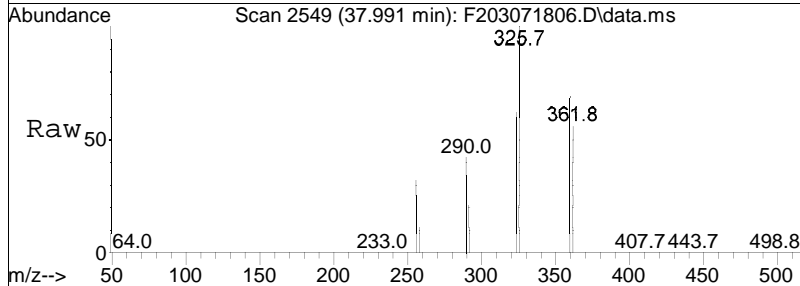
Tgt Ion: 360 Resp: 46870
 Ion Ratio Lower Upper
 360 100
 362 220.1 63.2 94.8#

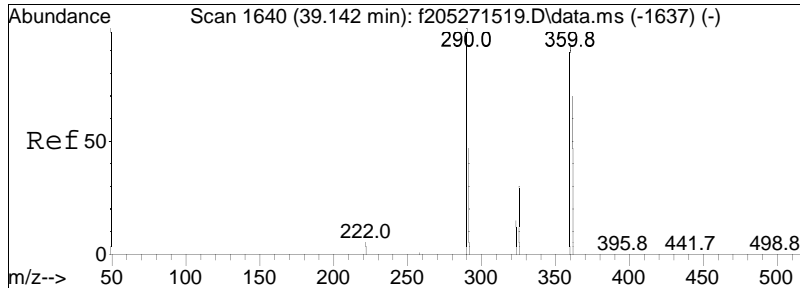




#141
 C15-BZ#118
 Concen: 91.07 ng/mL
 RT: 37.991 min Scan# 2549
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

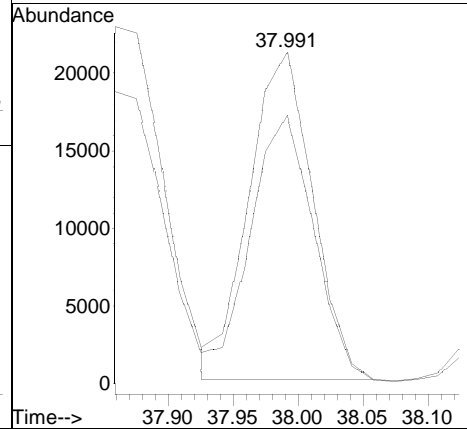
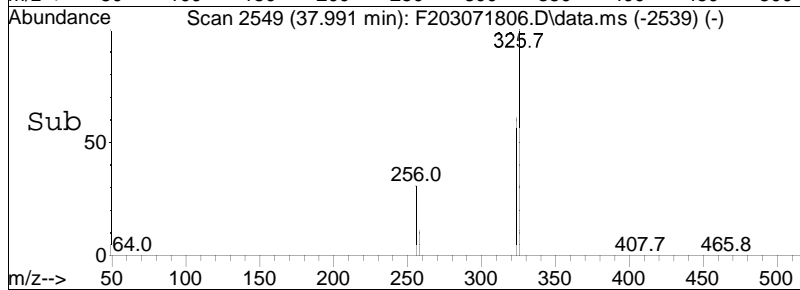
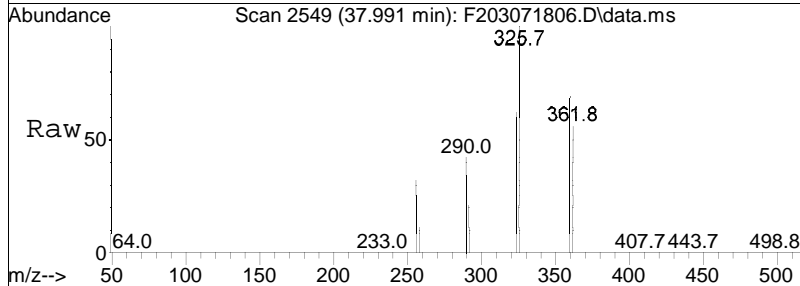
Tgt Ion: 326 Resp: 106893
 Ion Ratio Lower Upper
 326 100
 324 63.1 51.4 77.0

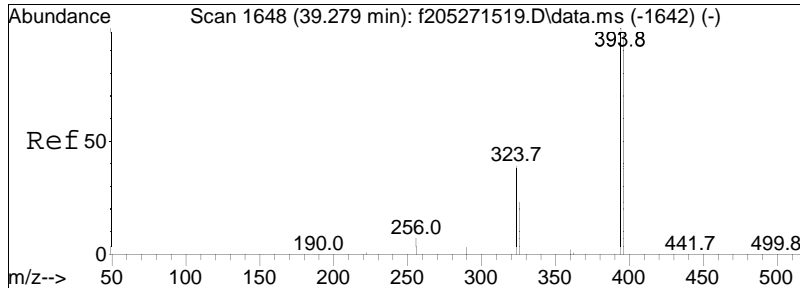




#142
 Cl6-BZ#131
 Concen: 90.29 ng/mL
 RT: 37.991 min Scan# 2549
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

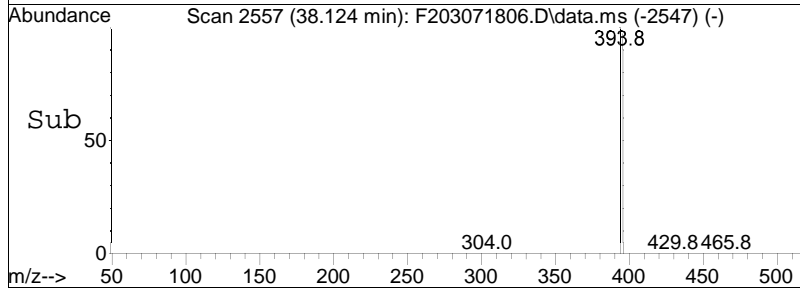
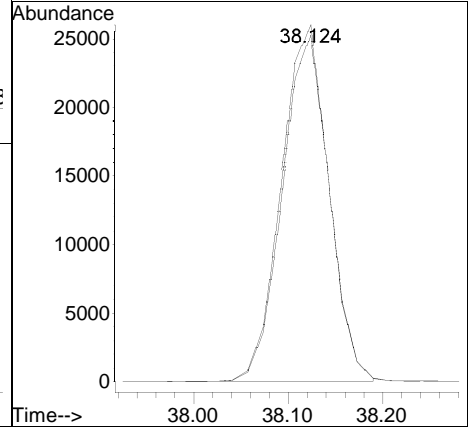
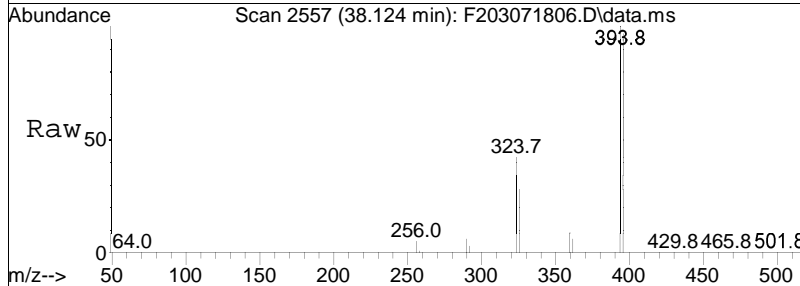
Tgt Ion: 360 Resp: 71575
 Ion Ratio Lower Upper
 360 100
 362 80.4 64.2 96.4

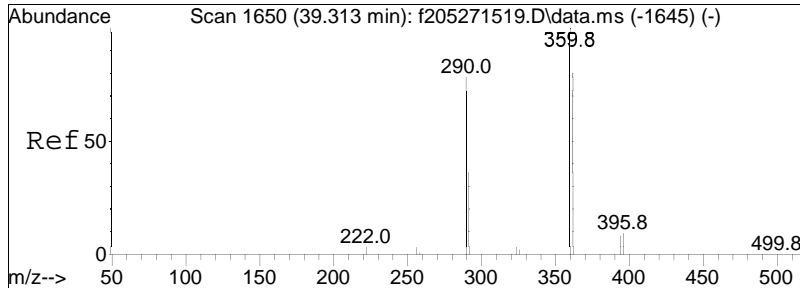




#143
 C17-BZ#184
 Concen: 87.57 ng/mL
 RT: 38.124 min Scan# 2557
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

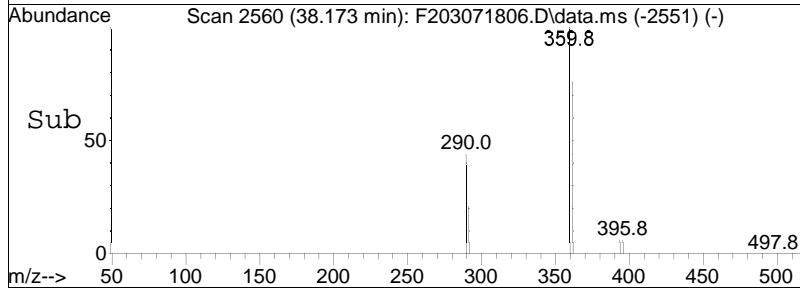
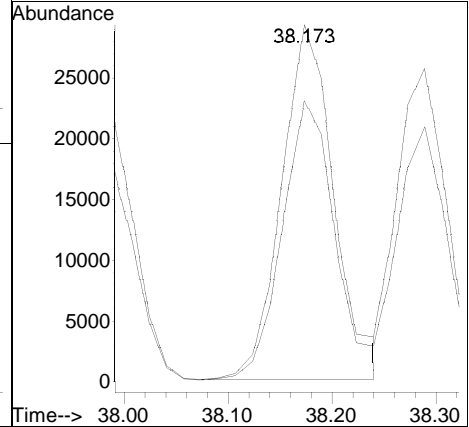
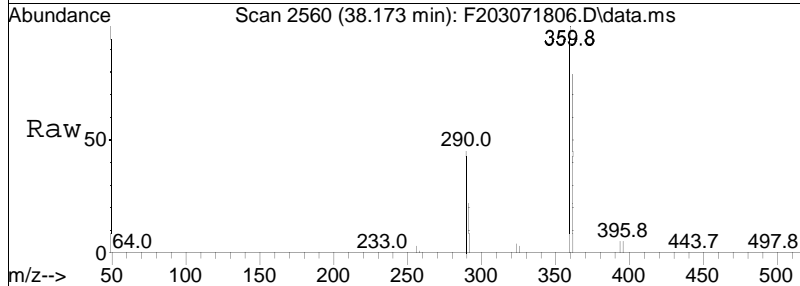
Tgt Ion: 394 Resp: 89831
 Ion Ratio Lower Upper
 394 100
 396 96.4 75.3 112.9

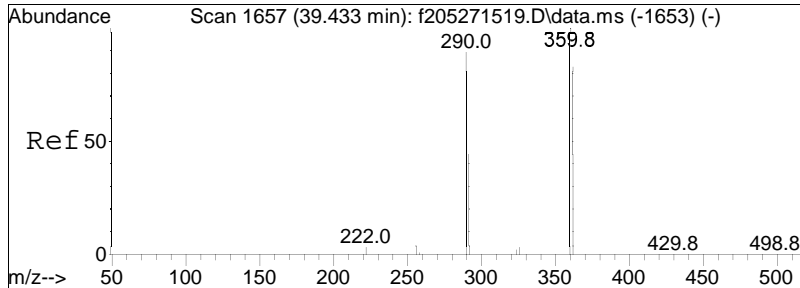




#144
 Cl6-BZ#165
 Concen: 91.51 ng/mL
 RT: 38.173 min Scan# 2560
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

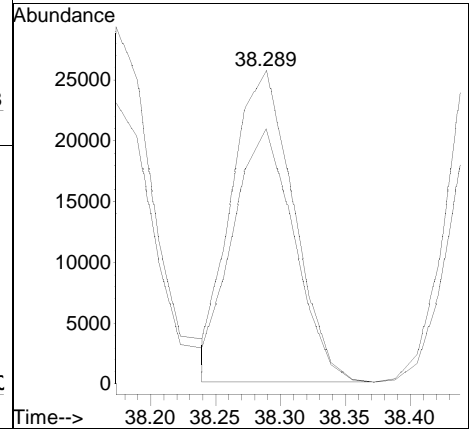
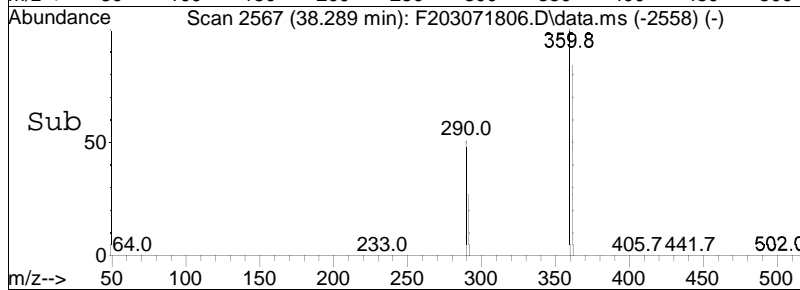
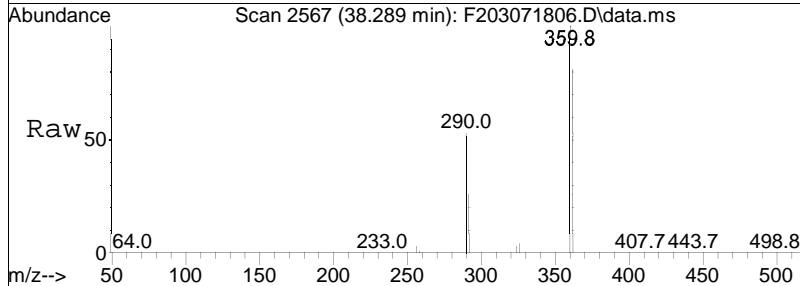
Tgt Ion: 360 Resp: 102071
 Ion Ratio Lower Upper
 360 100
 362 79.7 65.8 98.8

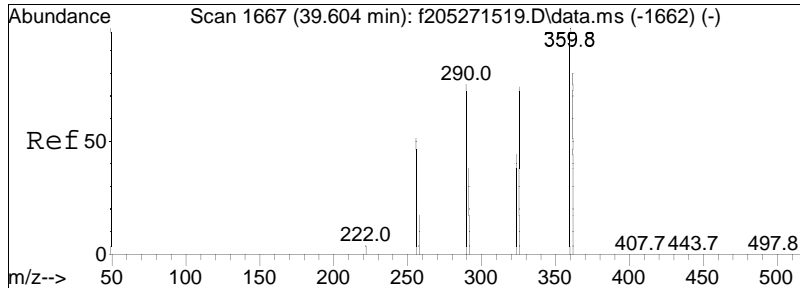




#145
 Cl6-BZ#146
 Concen: 86.57 ng/mL
 RT: 38.289 min Scan# 2567
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

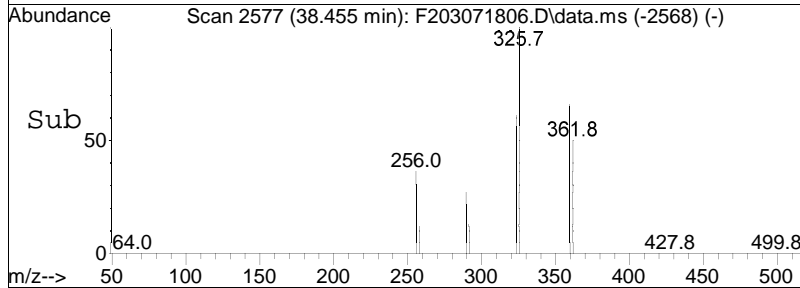
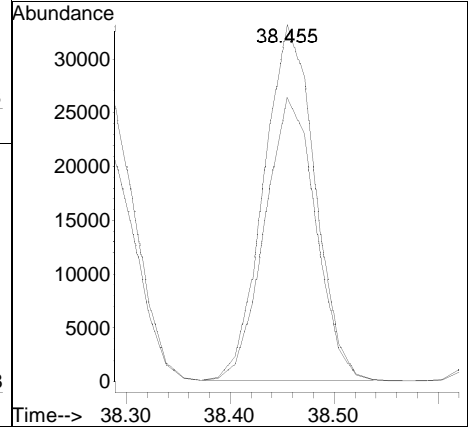
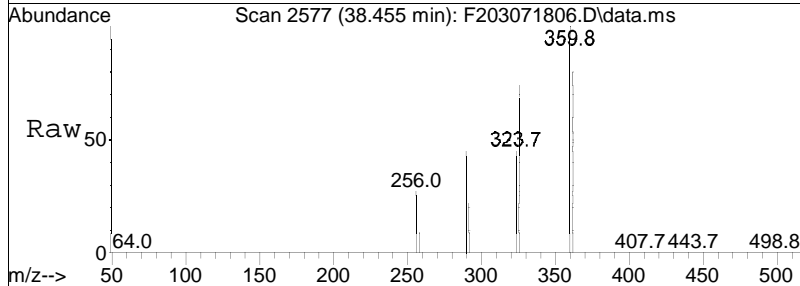
Tgt Ion: 360 Resp: 84522
 Ion Ratio Lower Upper
 360 100
 362 80.7 63.4 95.0

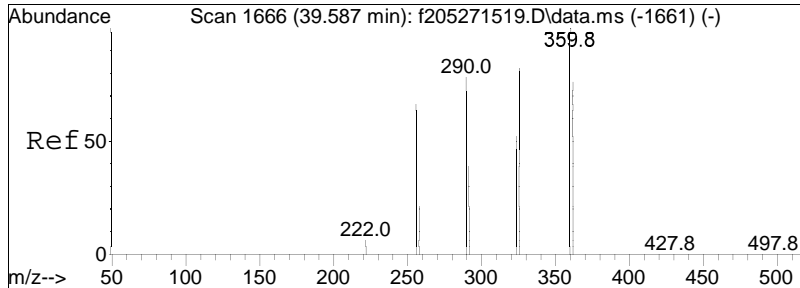




#146
 Cl6-BZ#161
 Concen: 90.98 ng/mL
 RT: 38.455 min Scan# 2577
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

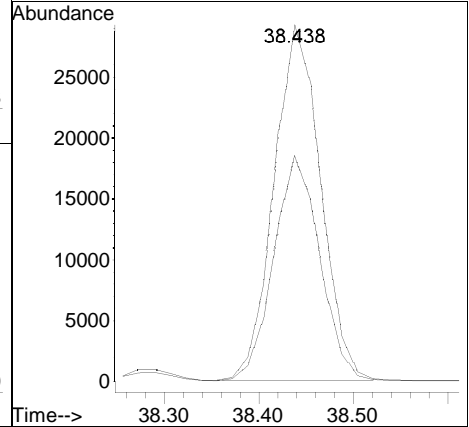
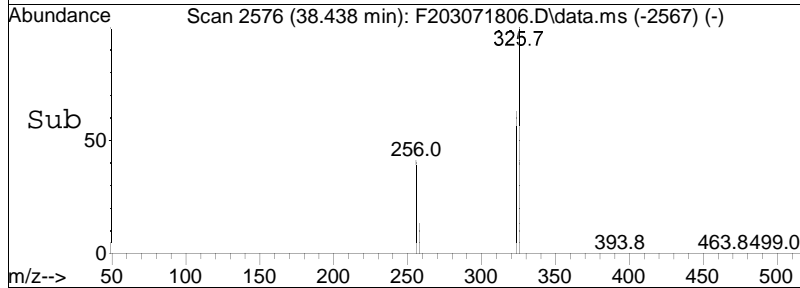
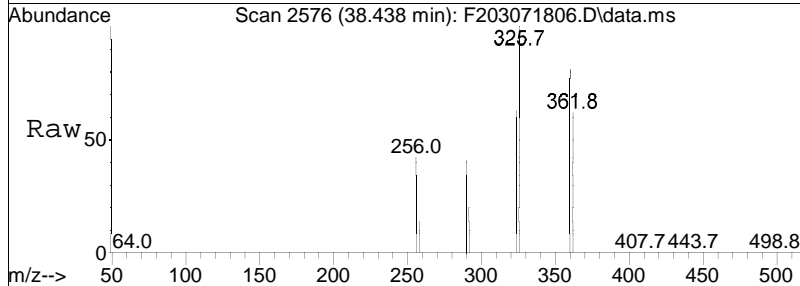
Tgt Ion	Resp	Lower	Upper
360	113017		
360	100		
362	79.1	64.0	96.0

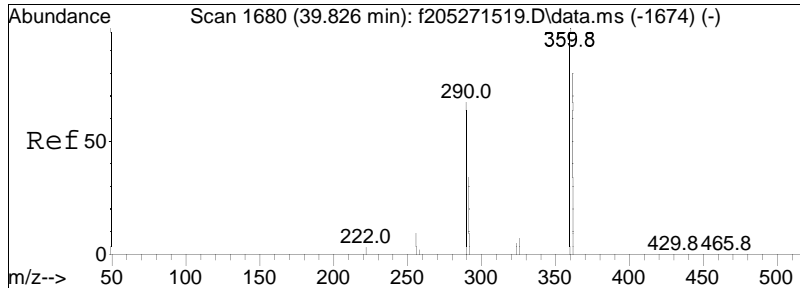




#147
 C15-BZ#122
 Concen: 91.73 ng/mL
 RT: 38.438 min Scan# 2576
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

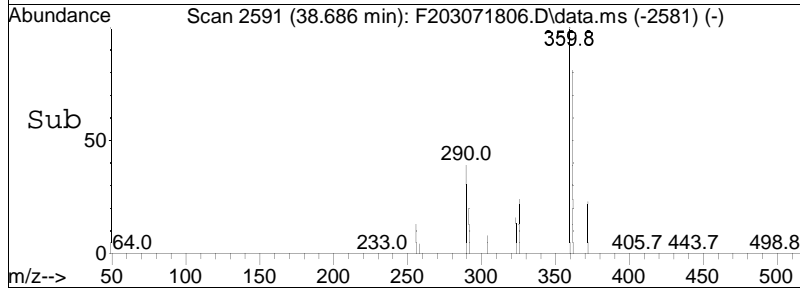
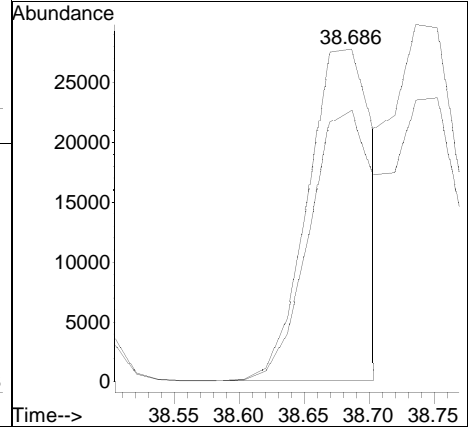
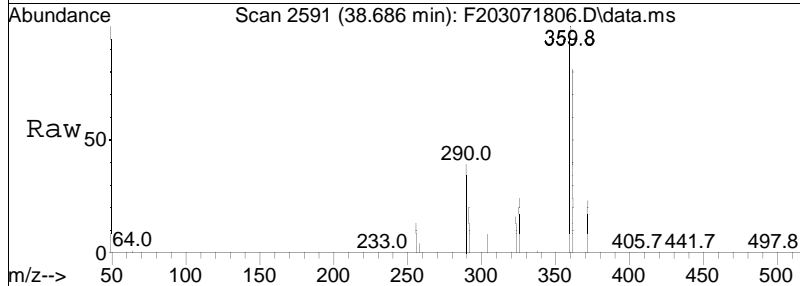
Tgt Ion: 326 Resp: 99185
 Ion Ratio Lower Upper
 326 100
 324 62.8 50.1 75.1

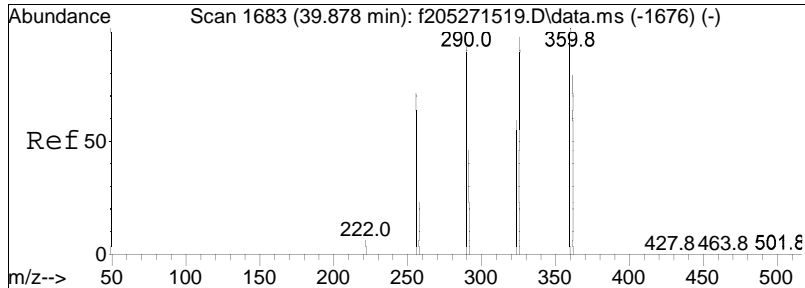




#148
 Cl6-BZ#168
 Concen: 81.60 ng/mL
 RT: 38.686 min Scan# 2591
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

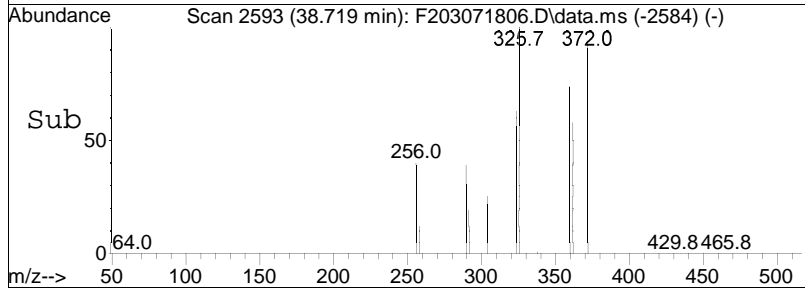
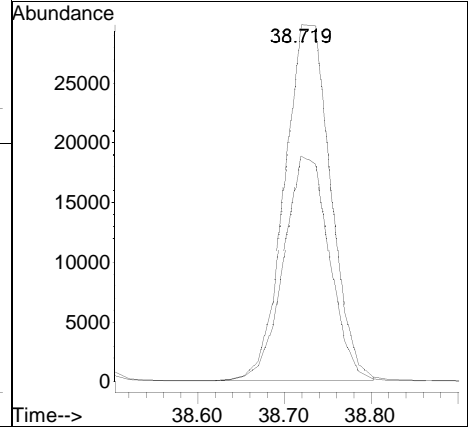
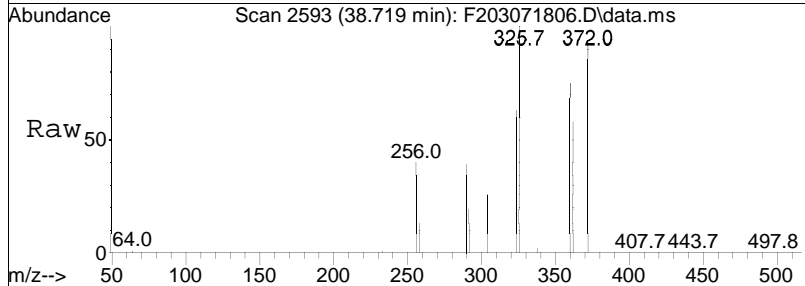
Tgt Ion: 360 Resp: 97402
 Ion Ratio Lower Upper
 360 100
 362 79.7 64.2 96.4

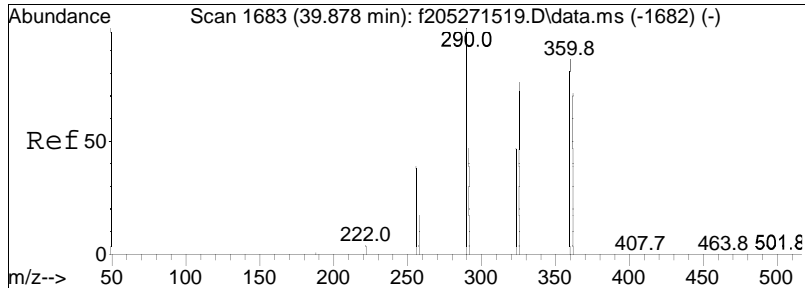




#149
 C15-BZ#114
 Concen: 92.47 ng/mL
 RT: 38.719 min Scan# 2593
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

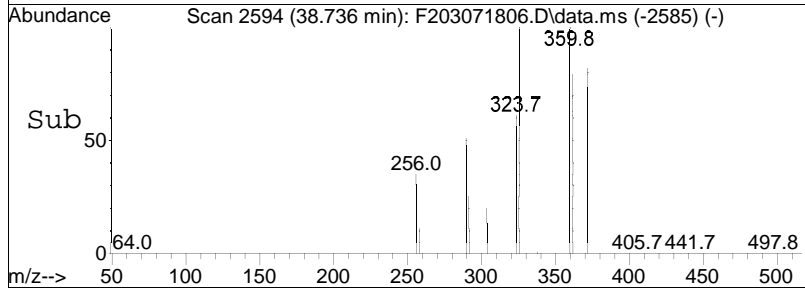
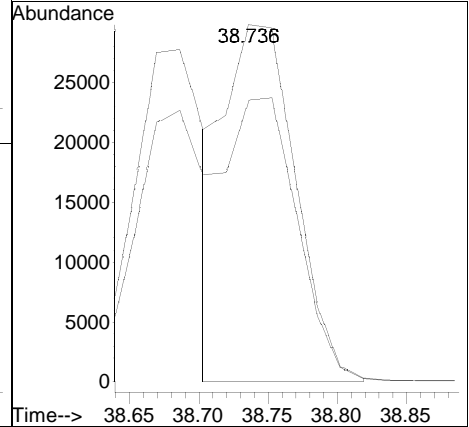
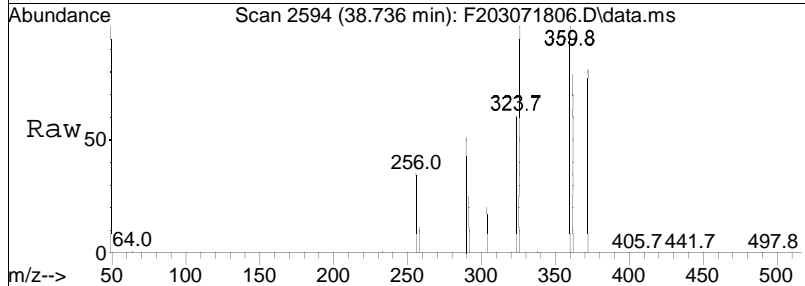
Tgt Ion: 326 Resp: 109801
 Ion Ratio Lower Upper
 326 100
 324 62.8 50.4 75.6

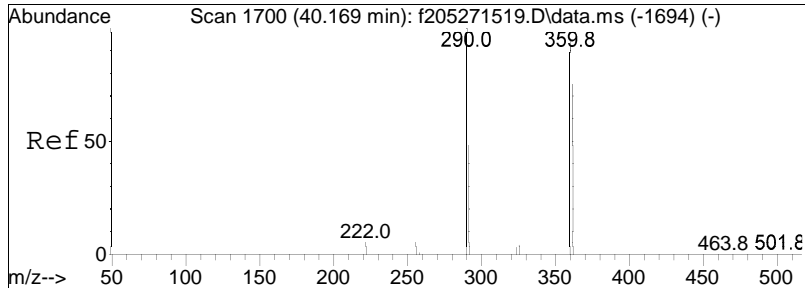




#150
 Cl6-BZ#153
 Concen: 100.05 ng/mL M4
 RT: 38.736 min Scan# 2594
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

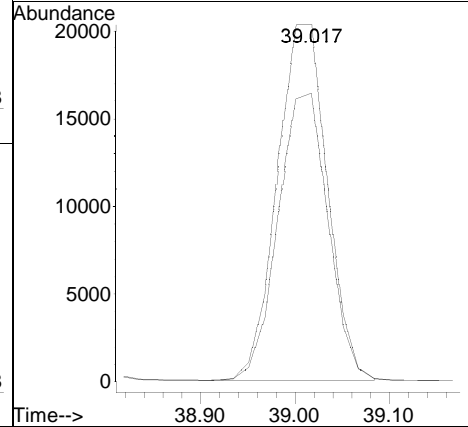
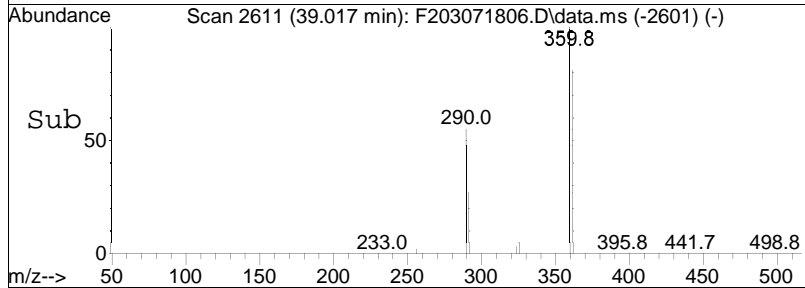
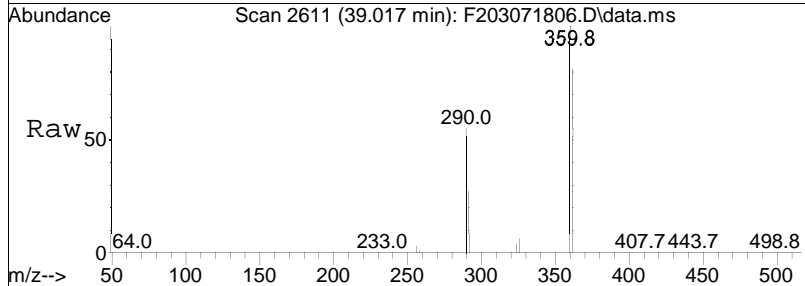
Tgt Ion: 360 Resp: 106321
 Ion Ratio Lower Upper
 360 100
 362 69.1 63.0 94.6

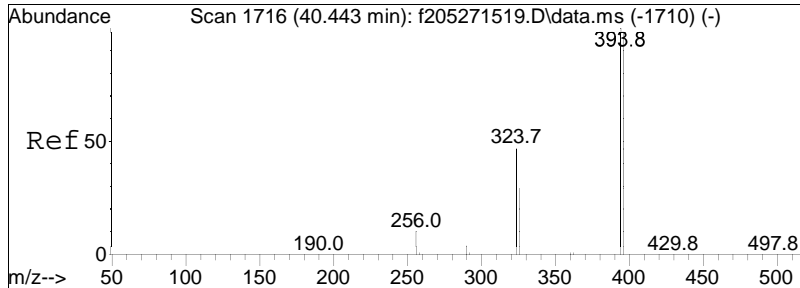




#152
 Cl6-BZ#132
 Concen: 87.55 ng/mL
 RT: 39.017 min Scan# 2611
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

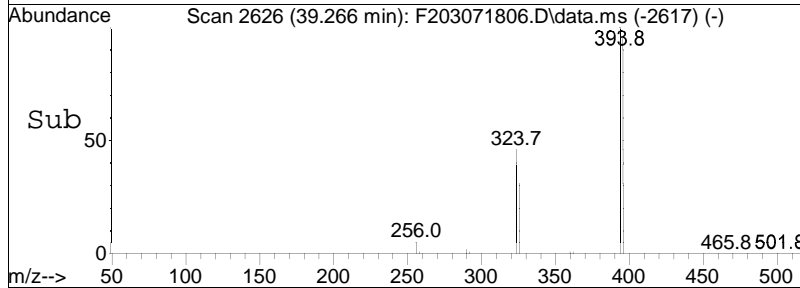
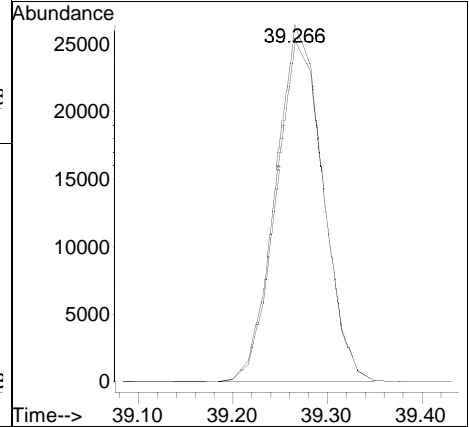
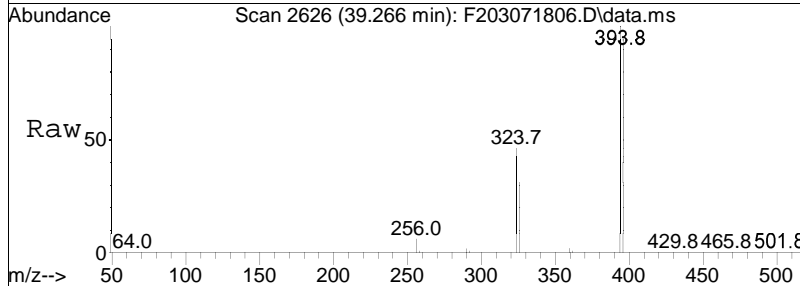
Tgt Ion: 360 Resp: 74670
 Ion Ratio Lower Upper
 360 100
 362 80.4 65.2 97.8

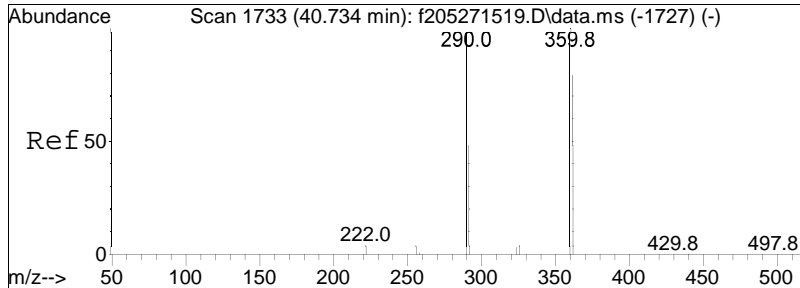




#153
 C17-BZ#179
 Concen: 86.10 ng/mL
 RT: 39.266 min Scan# 2626
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

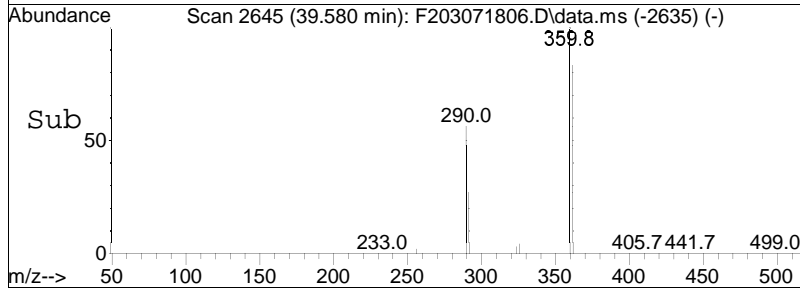
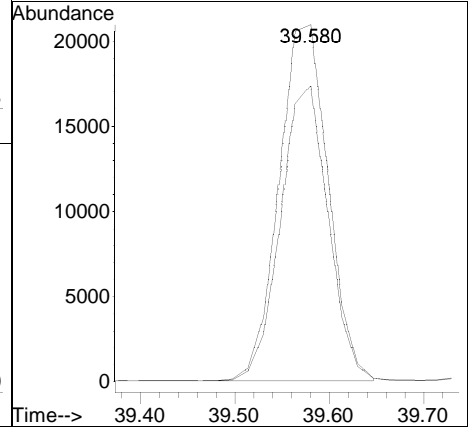
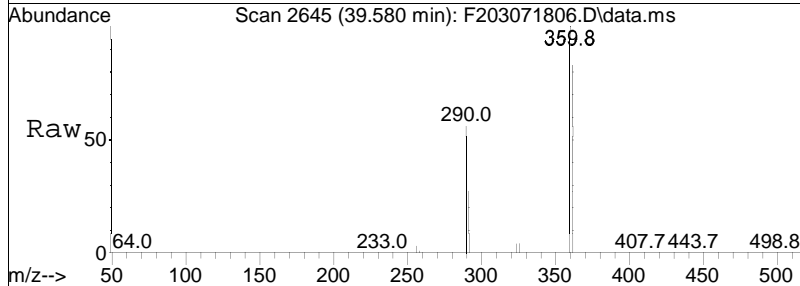
Tgt Ion	Resp	Lower	Upper
394	100		
396	95.9	76.2	114.4

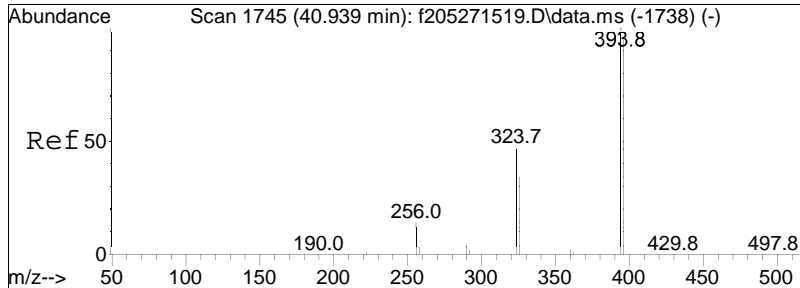




#154
 Cl6-BZ#141
 Concen: 88.44 ng/mL
 RT: 39.580 min Scan# 2645
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

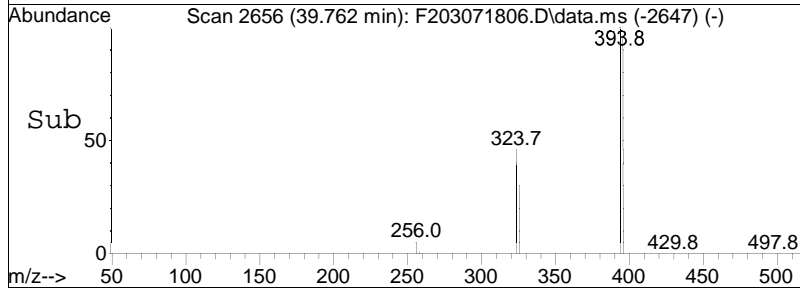
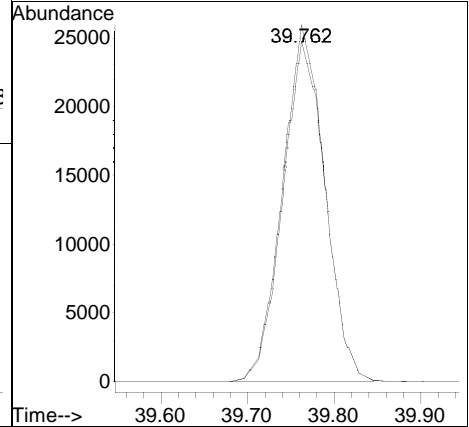
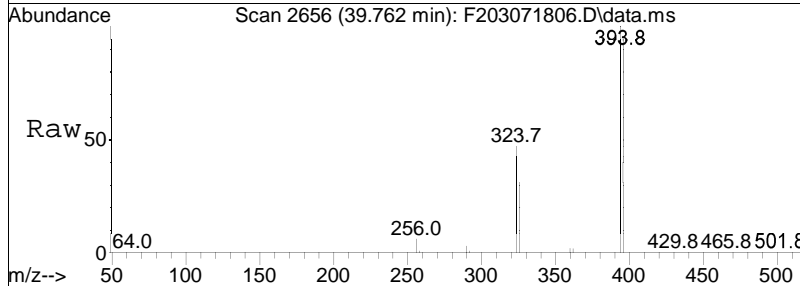
Tgt Ion: 360 Resp: 75465
 Ion Ratio Lower Upper
 360 100
 362 80.3 64.1 96.1

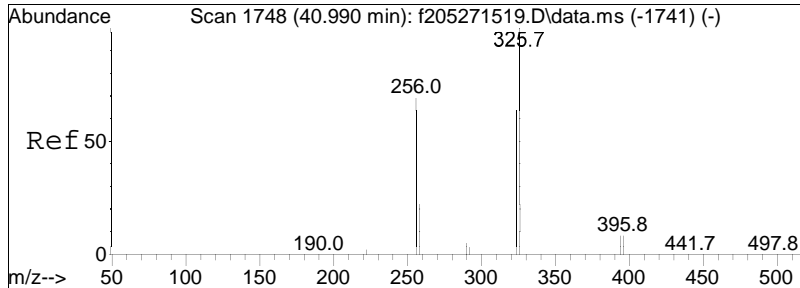




#155
 C17-BZ#176
 Concen: 86.93 ng/mL
 RT: 39.762 min Scan# 2656
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

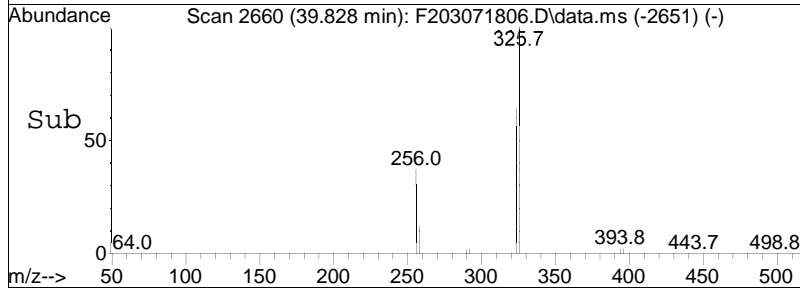
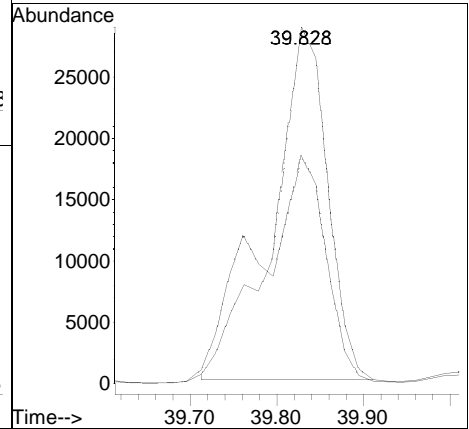
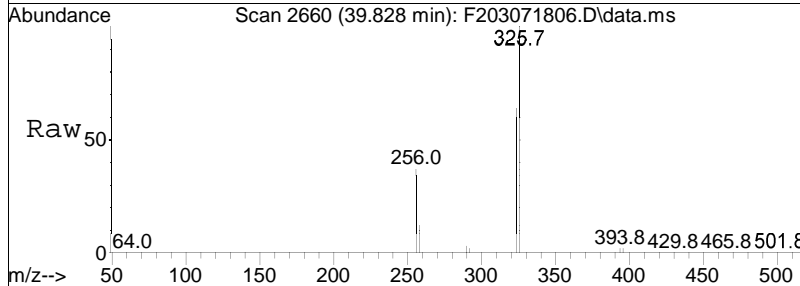
Tgt Ion: 394 Resp: 87441
 Ion Ratio Lower Upper
 394 100
 396 96.0 77.4 116.0

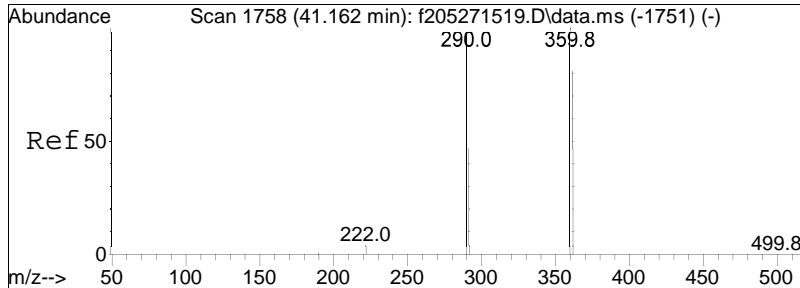




#156
 C15-BZ#105
 Concen: 86.02 ng/mL
 RT: 39.828 min Scan# 2660
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

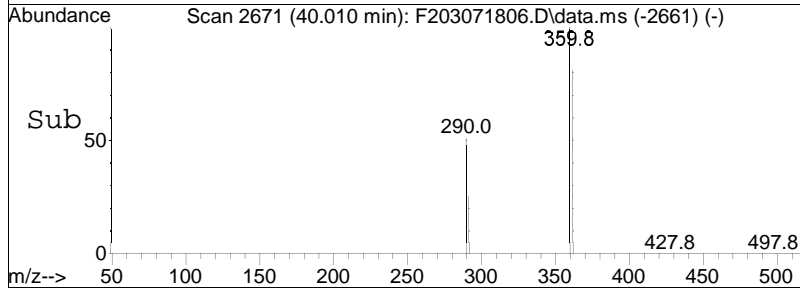
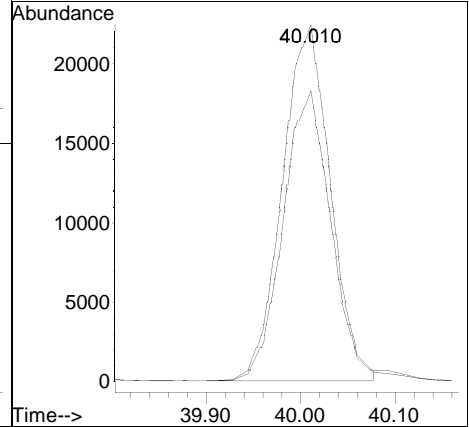
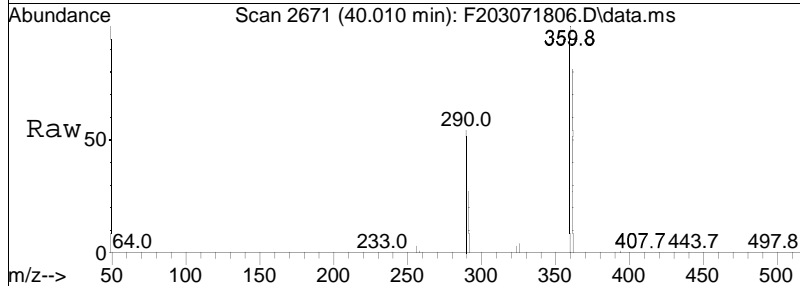
Tgt Ion	Resp	Lower	Upper
326	100		
324	46.6	49.0	73.4#

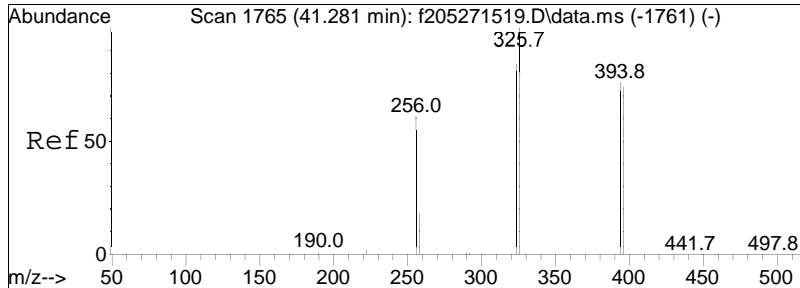




#157
 Cl6-BZ#137
 Concen: 90.16 ng/mL
 RT: 40.010 min Scan# 2671
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

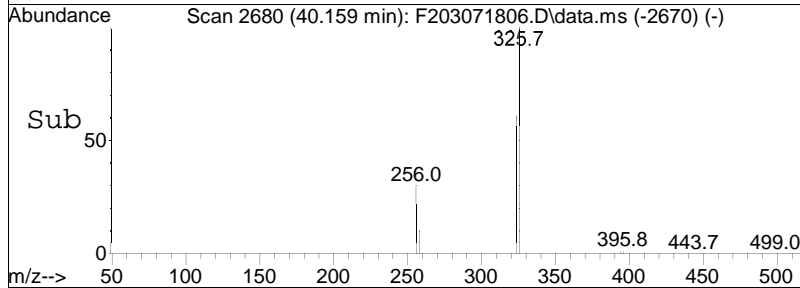
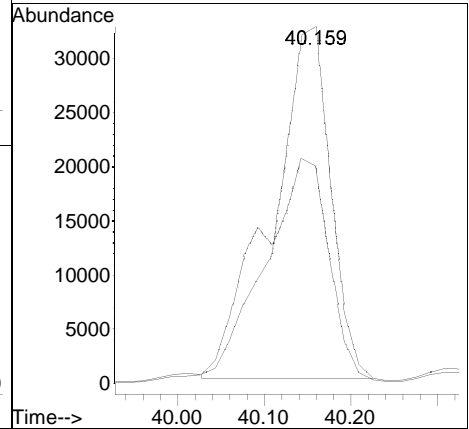
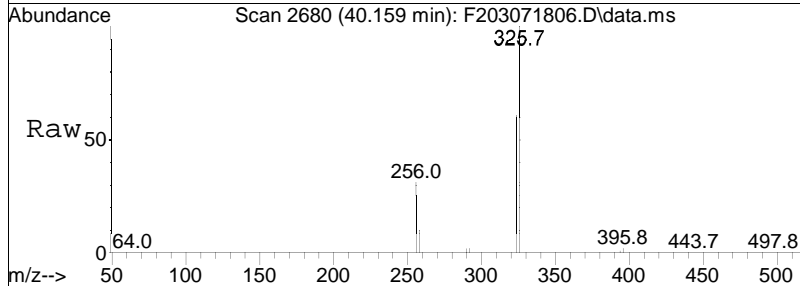
Tgt Ion: 360 Resp: 78854
 Ion Ratio Lower Upper
 360 100
 362 80.8 65.7 98.5

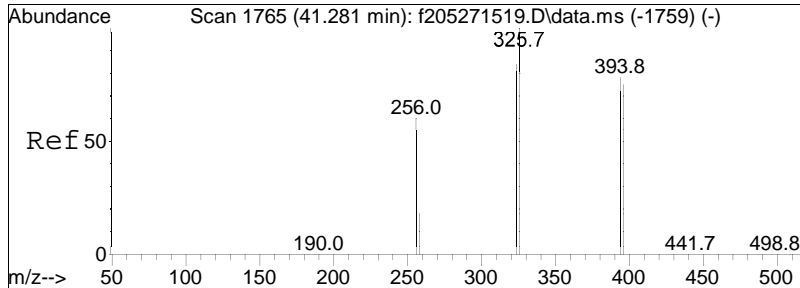




#158
 C15-BZ#127
 Concen: 89.05 ng/mL
 RT: 40.159 min Scan# 2680
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

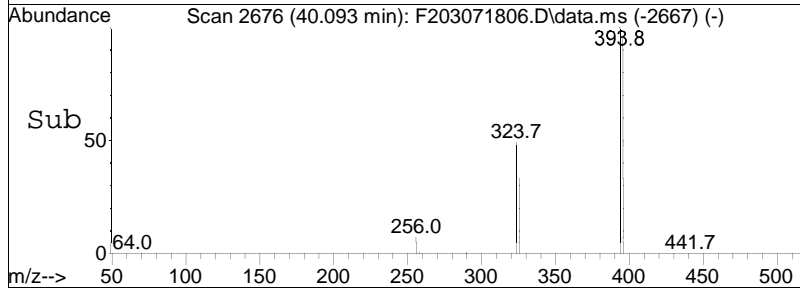
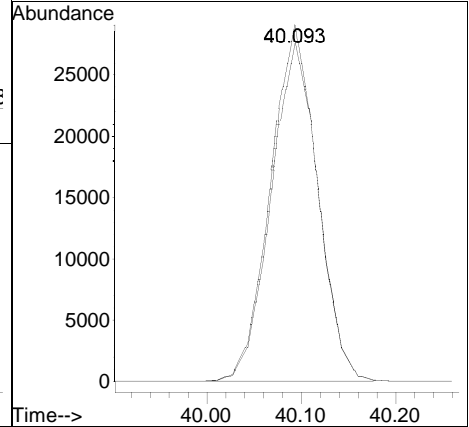
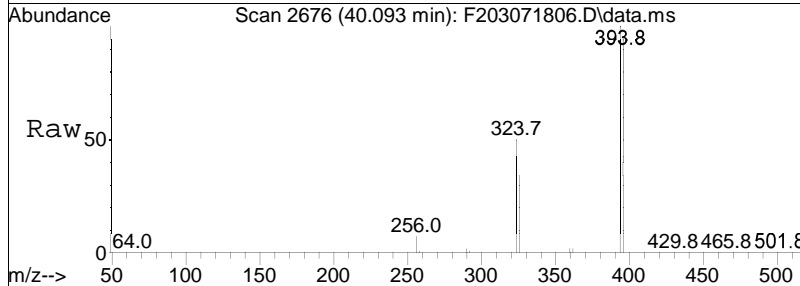
Tgt Ion: 326 Resp: 141932
 Ion Ratio Lower Upper
 326 100
 324 81.1 49.2 73.8#

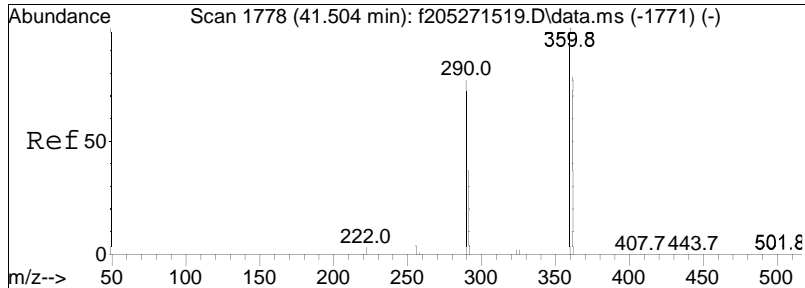




#159
 Cl7-BZ#186
 Concen: 88.96 ng/mL
 RT: 40.093 min Scan# 2676
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

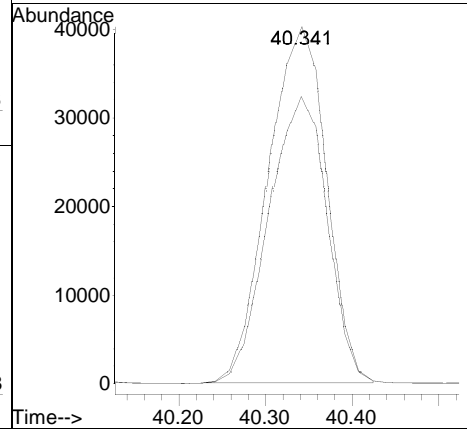
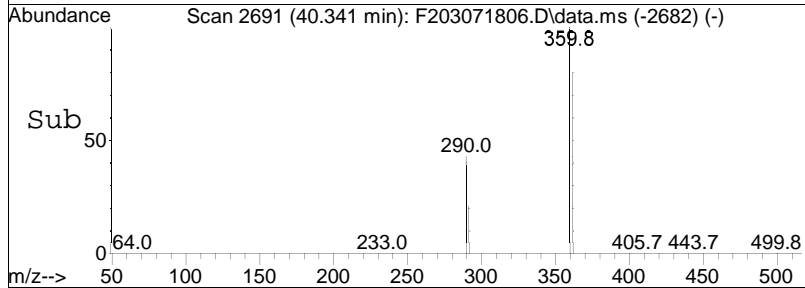
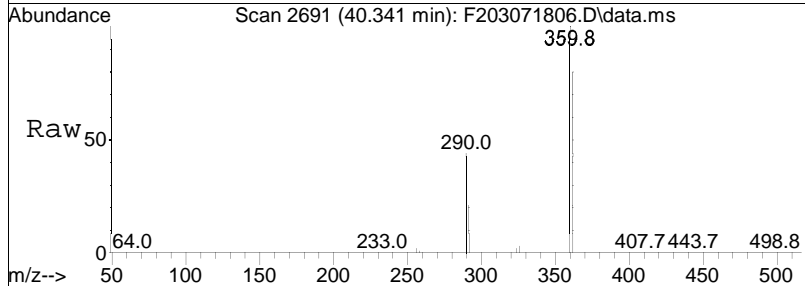
Tgt Ion: 394 Resp: 99582
 Ion Ratio Lower Upper
 394 100
 396 95.8 76.7 115.1

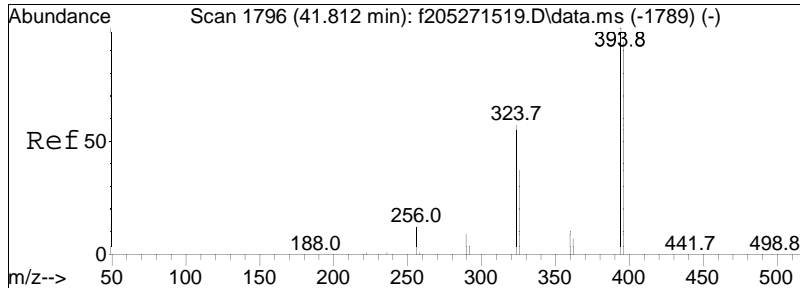




#160
 Cl6-BZ#130/#164
 Concen: 184.44 ng/mL
 RT: 40.341 min Scan# 2691
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

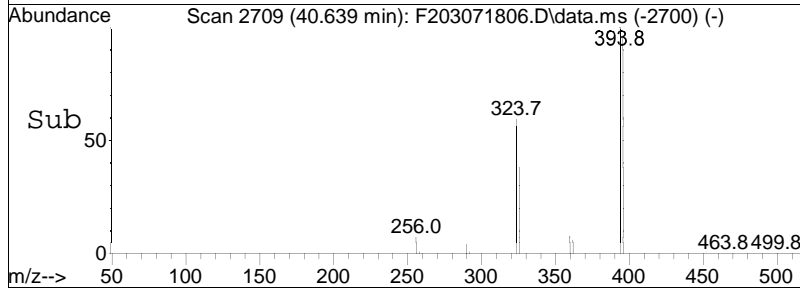
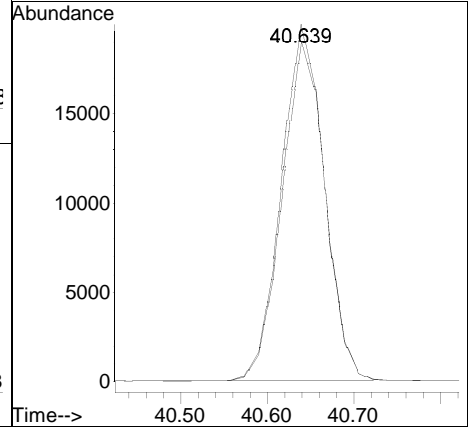
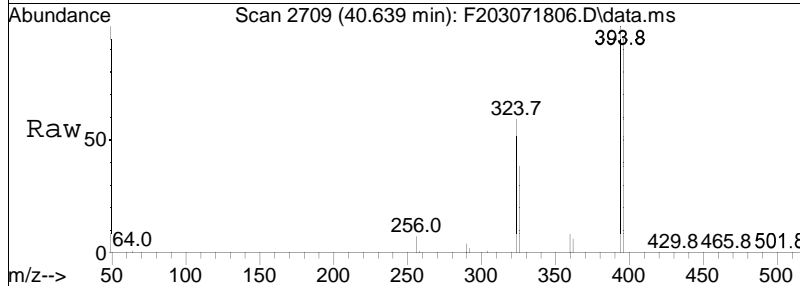
Tgt Ion	Resp	Lower	Upper
360	100		
362	80.5	65.6	98.4

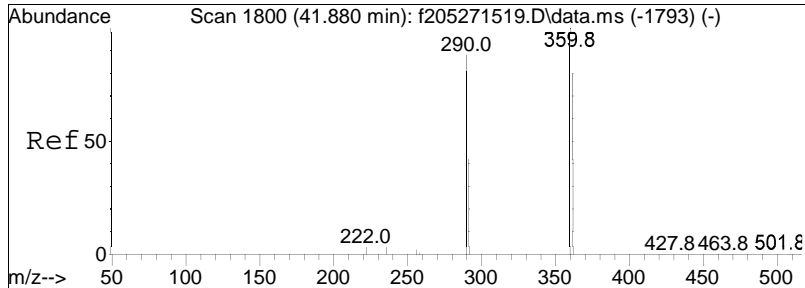




#161
 C17-BZ#178
 Concen: 89.20 ng/mL
 RT: 40.639 min Scan# 2709
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

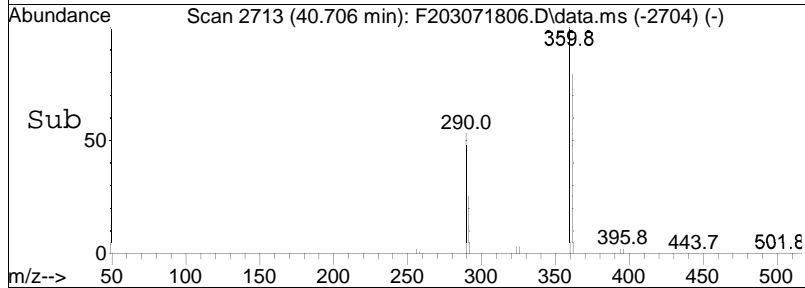
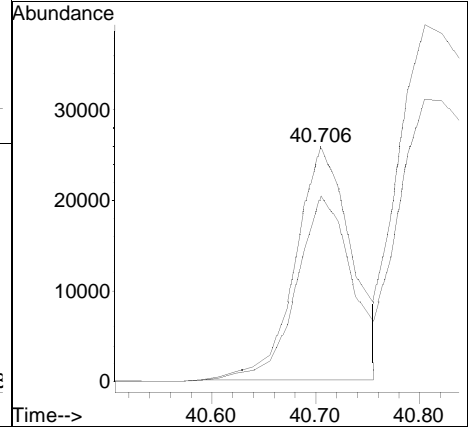
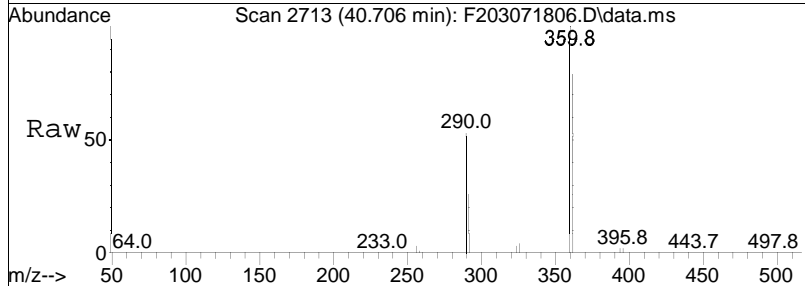
Tgt Ion: 394 Resp: 68426
 Ion Ratio Lower Upper
 394 100
 396 95.6 78.0 117.0

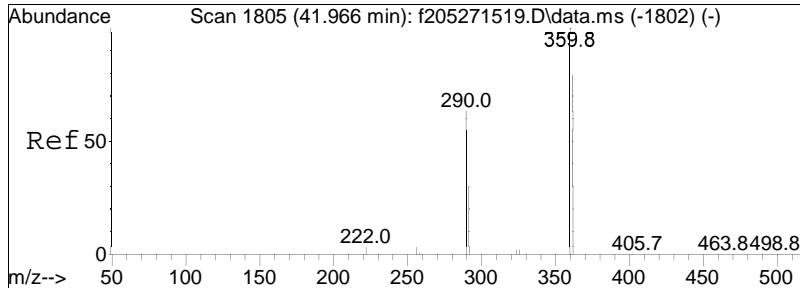




#162
 Cl6-BZ#138
 Concen: 94.89 ng/mL
 RT: 40.706 min Scan# 2713
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

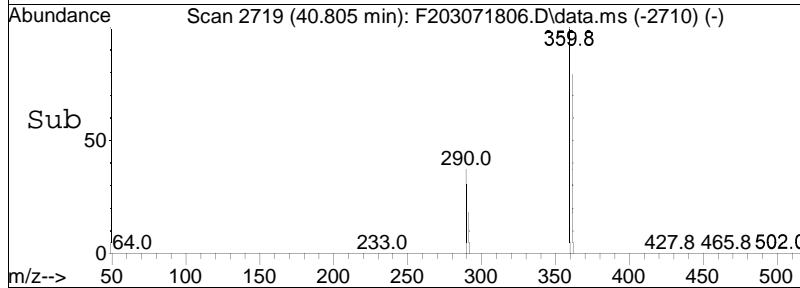
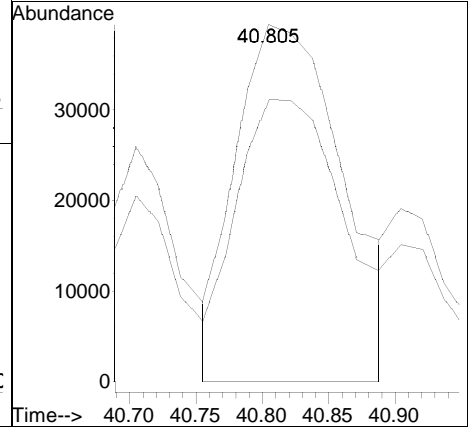
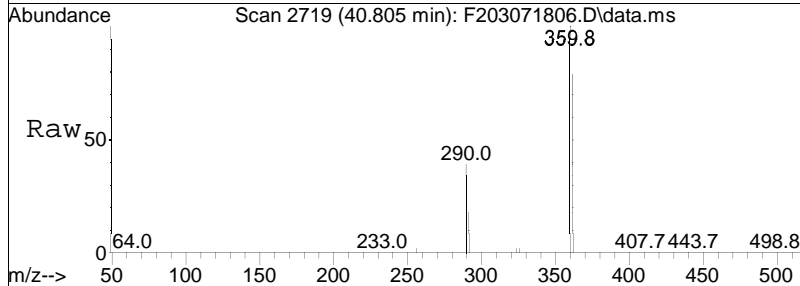
Tgt Ion: 360 Resp: 98407
 Ion Ratio Lower Upper
 360 100
 362 78.8 65.3 97.9

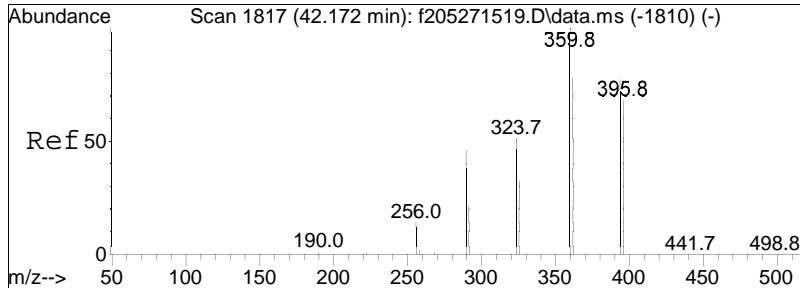




#163
 Cl6-BZ#163/#160
 Concen: 188.14 ng/mL M4
 RT: 40.805 min Scan# 2719
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

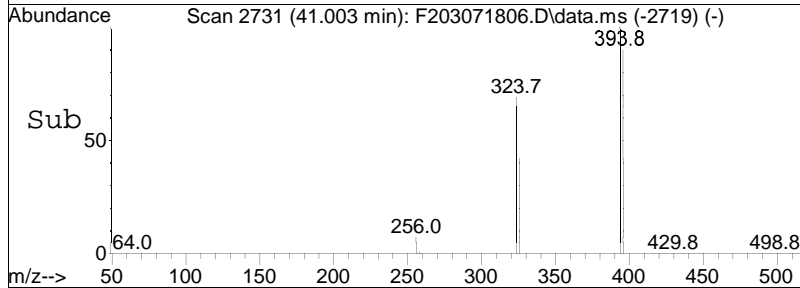
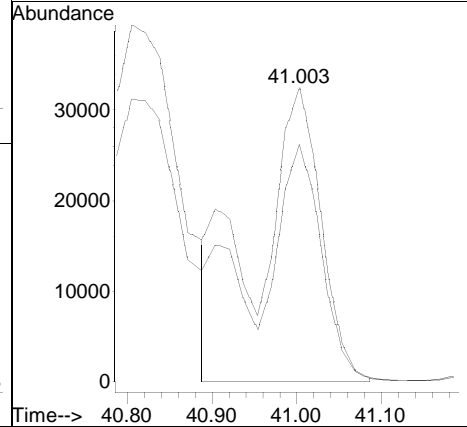
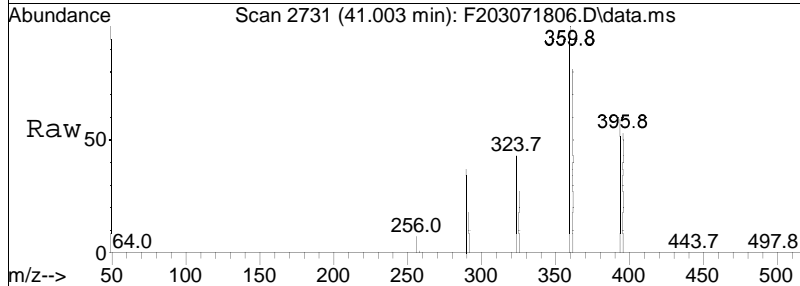
Tgt Ion	Resp	Lower	Upper
360	100		
362	55.6	64.6	96.8#

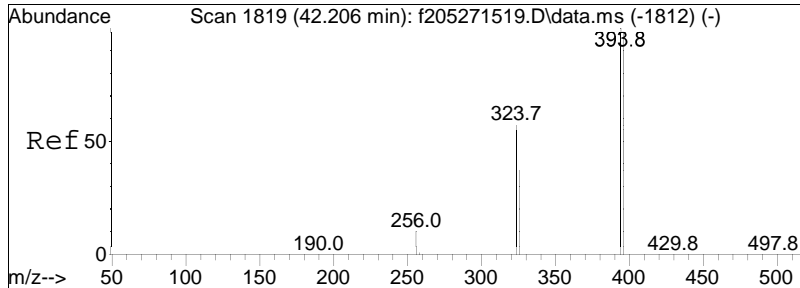




#164
 Cl6-BZ#129/#158
 Concen: 175.21 ng/mL M4
 RT: 41.003 min Scan# 2731
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

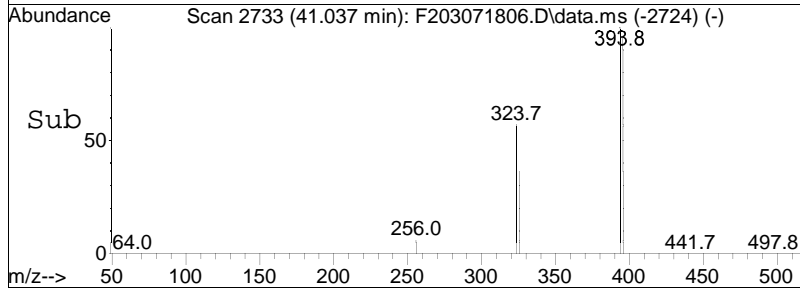
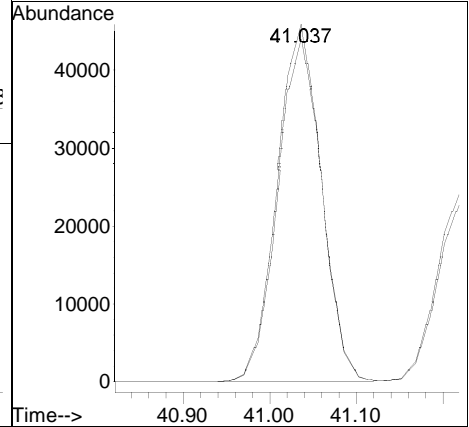
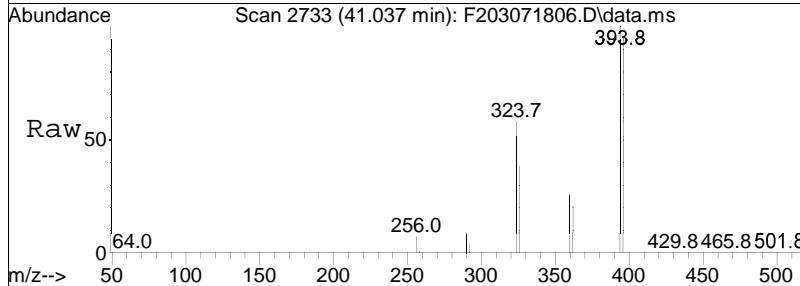
Tgt Ion: 360 Resp: 171291
 Ion Ratio Lower Upper
 360 100
 362 52.6 64.0 96.0#

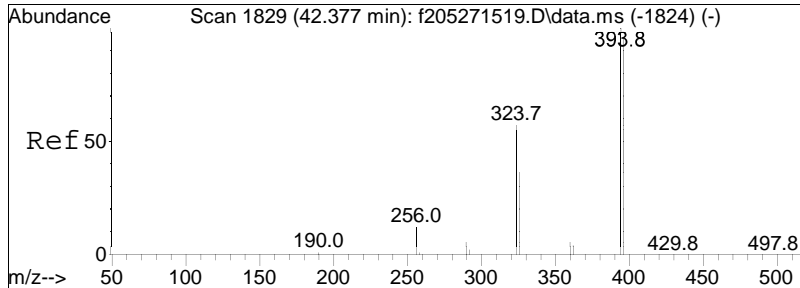




#165
 C17-BZ#182/#175
 Concen: 184.32 ng/mL
 RT: 41.037 min Scan# 2733
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

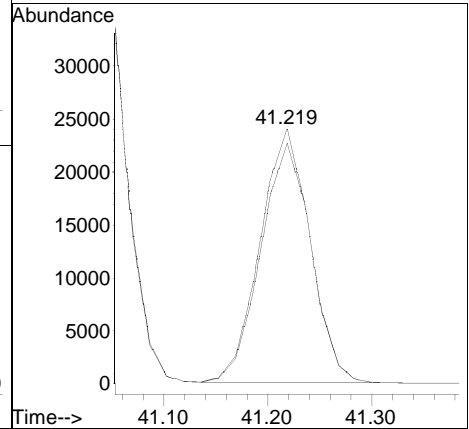
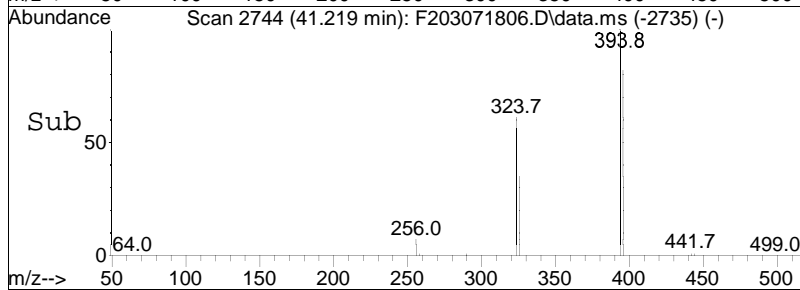
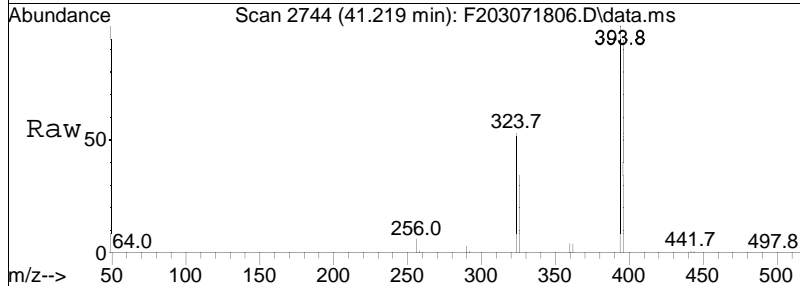
Tgt Ion: 394 Resp: 161840
 Ion Ratio Lower Upper
 394 100
 396 96.2 76.9 115.3

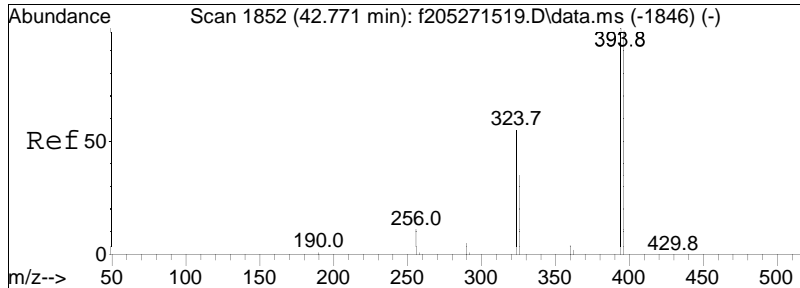




#166
 C17-BZ#187
 Concen: 88.78 ng/mL
 RT: 41.219 min Scan# 2744
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

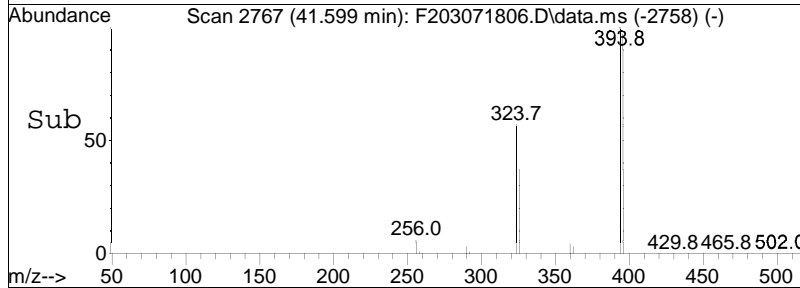
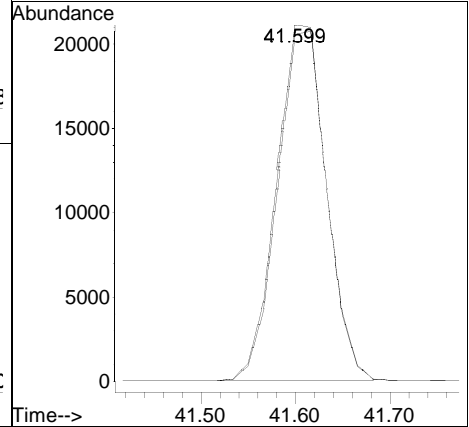
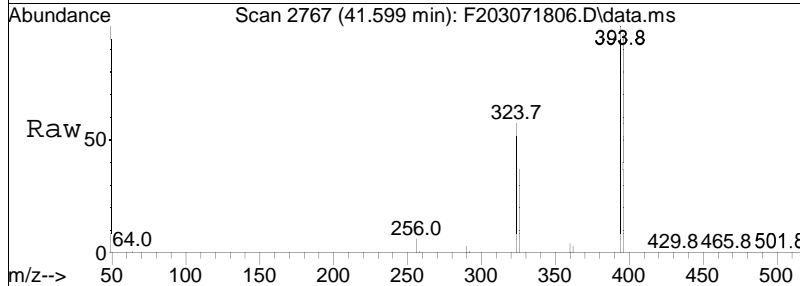
Tgt Ion: 394 Resp: 79836
 Ion Ratio Lower Upper
 394 100
 396 95.4 73.7 110.5

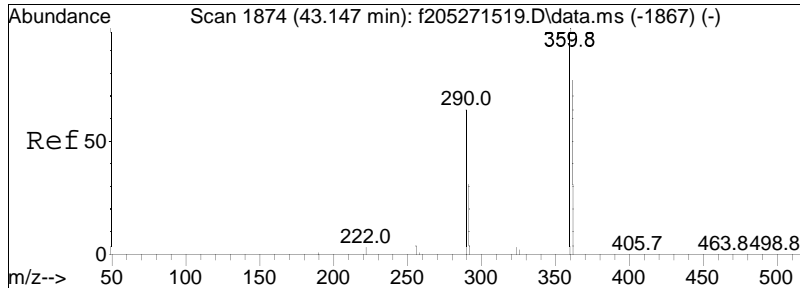




#167
 Cl7-BZ#183
 Concen: 89.05 ng/mL
 RT: 41.599 min Scan# 2767
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

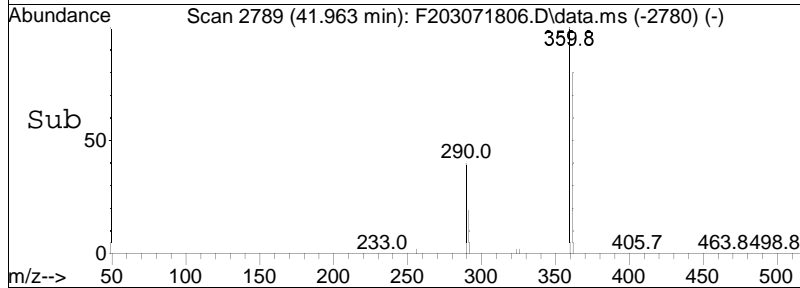
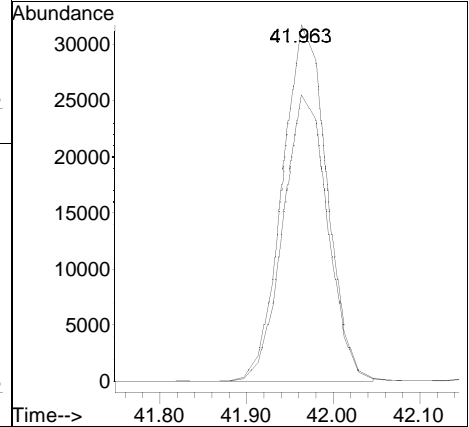
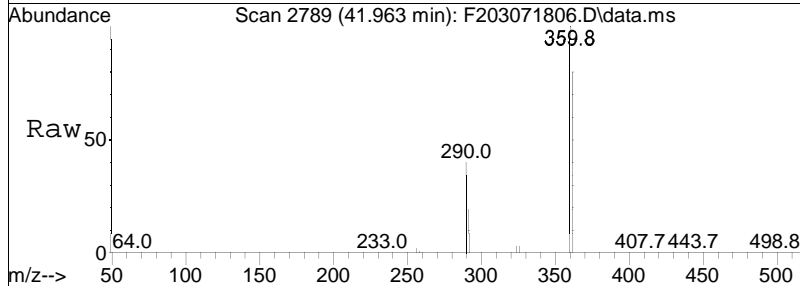
Tgt Ion: 394 Resp: 76968
 Ion Ratio Lower Upper
 394 100
 396 97.2 76.2 114.2

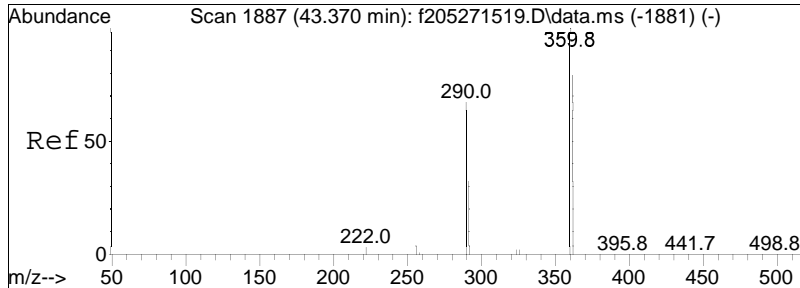




#168
 Cl6-BZ#166
 Concen: 88.36 ng/mL
 RT: 41.963 min Scan# 2789
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

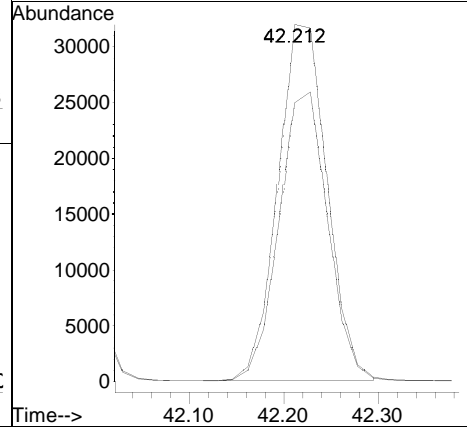
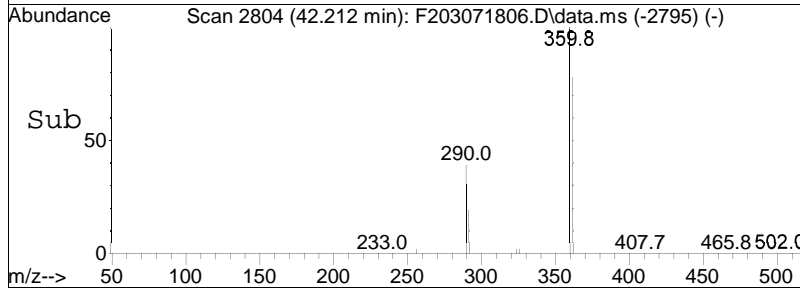
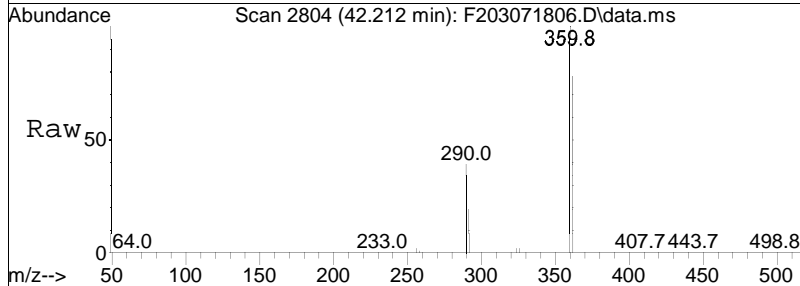
Tgt Ion	Resp	Lower	Upper
360	112574		
360	100		
362	80.5	65.8	98.6

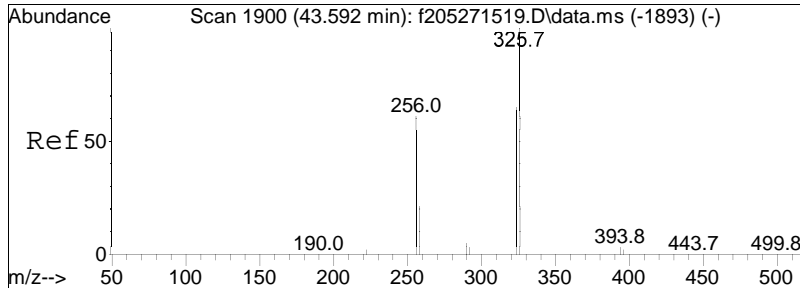




#169
 Cl6-BZ#159
 Concen: 90.38 ng/mL
 RT: 42.212 min Scan# 2804
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

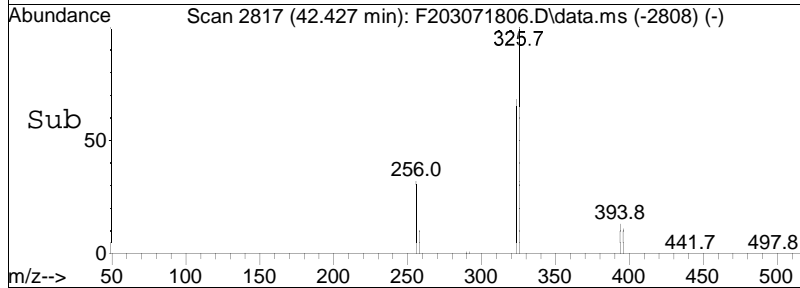
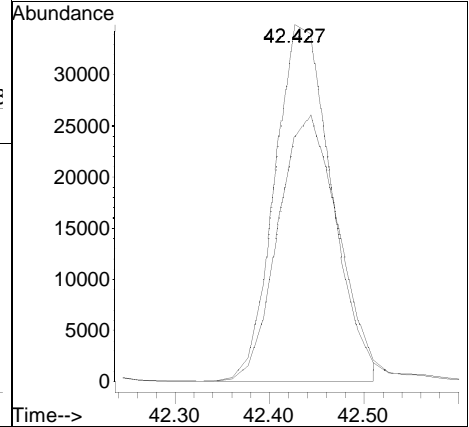
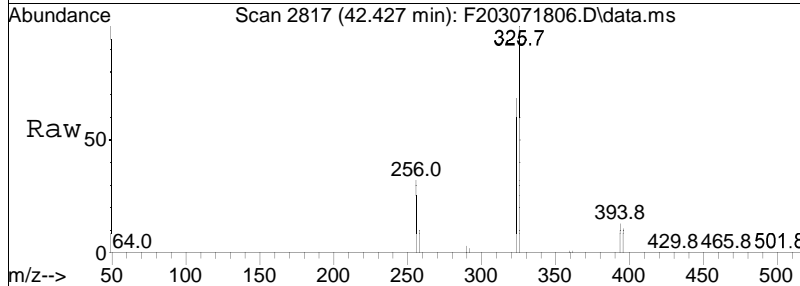
Tgt Ion	Resp	Lower	Upper
360	115138		
360	100		
362	80.0	65.0	97.6

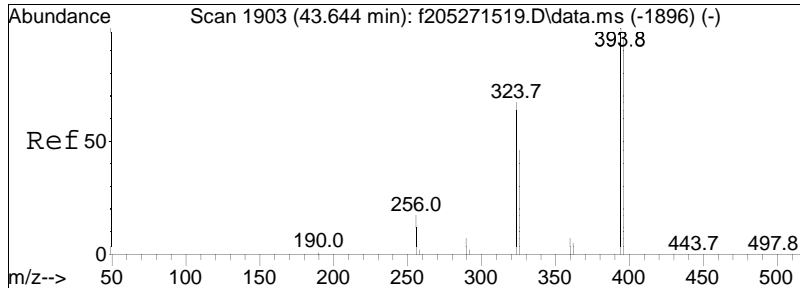




#170
 C15-BZ#126-RTW
 Concen: 92.82 ng/mL
 RT: 42.427 min Scan# 2817
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

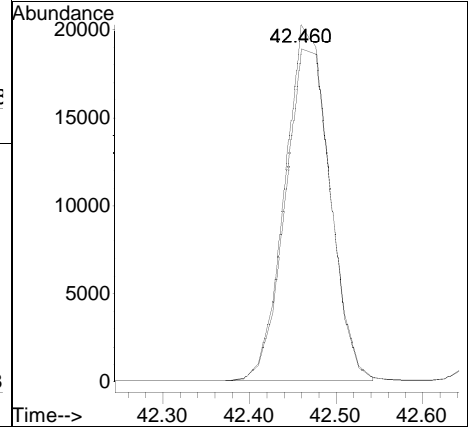
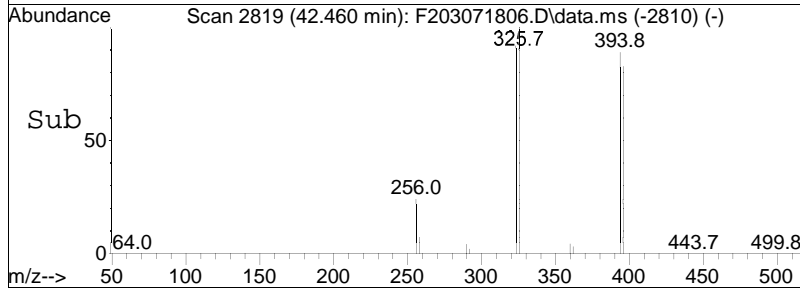
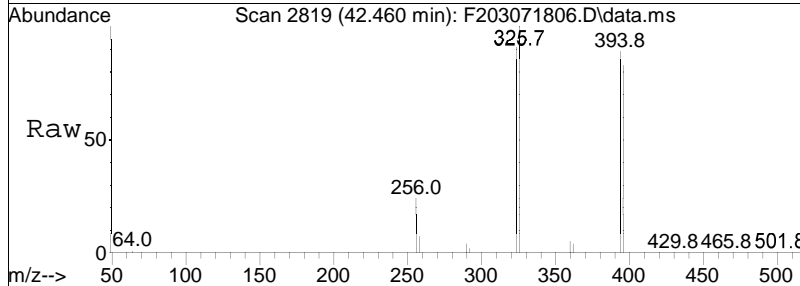
Tgt Ion	Ratio	Lower	Upper
326	100		
324	79.6	56.5	84.7

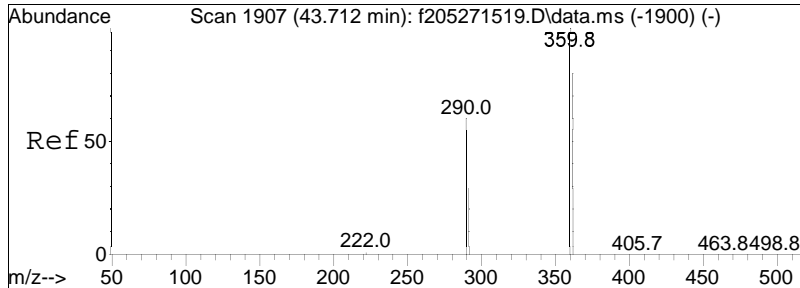




#171
 C17-BZ#185
 Concen: 89.31 ng/mL
 RT: 42.460 min Scan# 2819
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

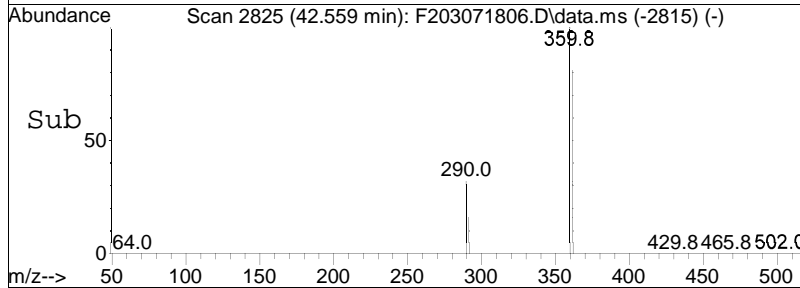
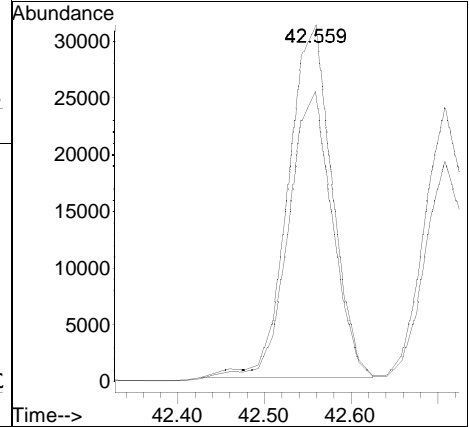
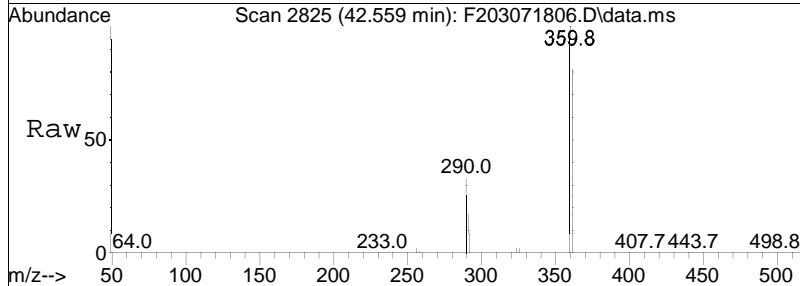
Tgt Ion: 394 Resp: 71806
 Ion Ratio Lower Upper
 394 100
 396 95.4 75.9 113.9

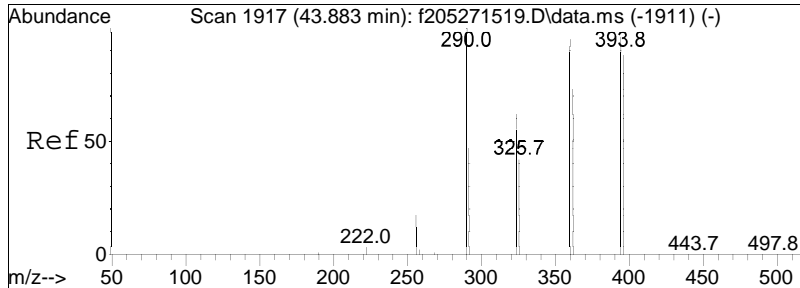




#172
 Cl6-BZ#162
 Concen: 92.99 ng/mL
 RT: 42.559 min Scan# 2825
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

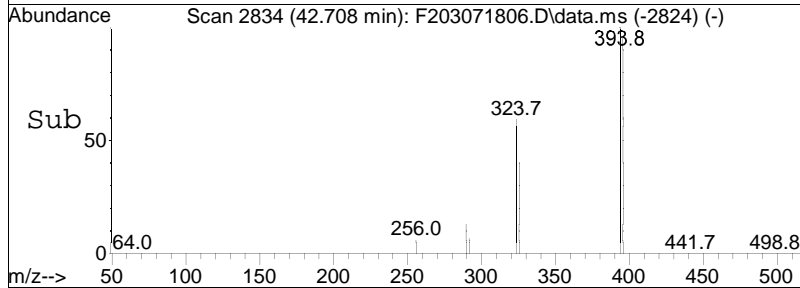
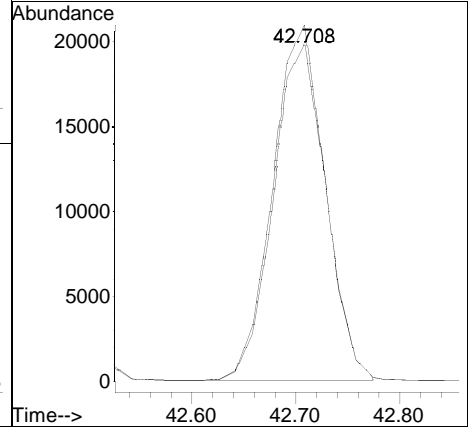
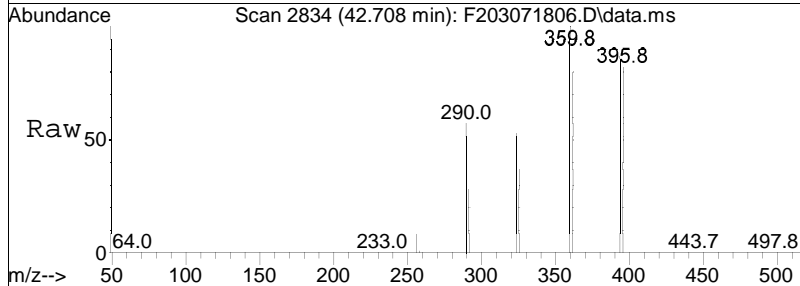
Tgt Ion: 360 Resp: 109788
 Ion Ratio Lower Upper
 360 100
 362 81.3 62.8 94.2

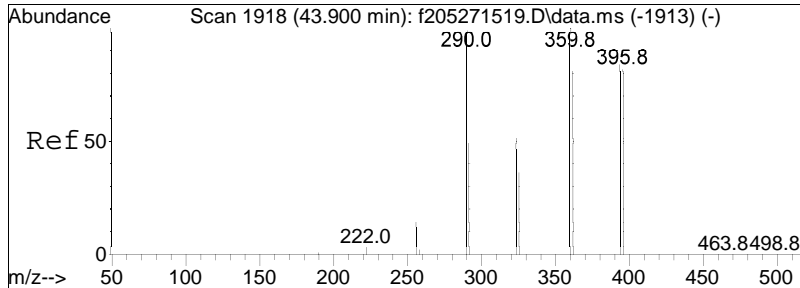




#173
 Cl7-BZ#174
 Concen: 91.40 ng/mL
 RT: 42.708 min Scan# 2834
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

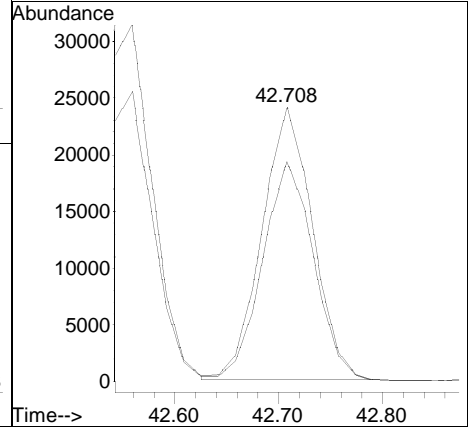
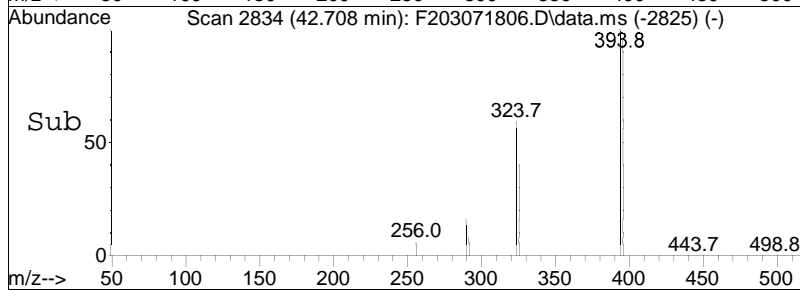
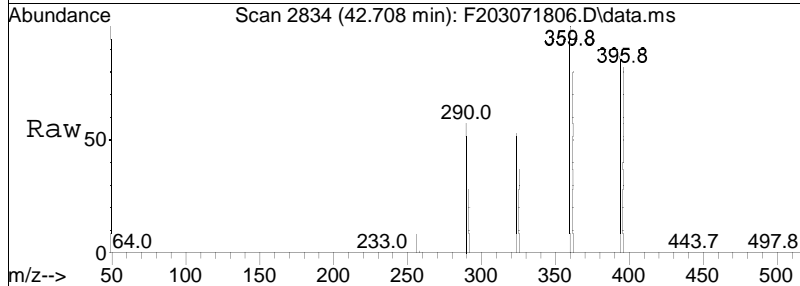
Tgt Ion: 394 Resp: 72957
 Ion Ratio Lower Upper
 394 100
 396 95.5 77.1 115.7

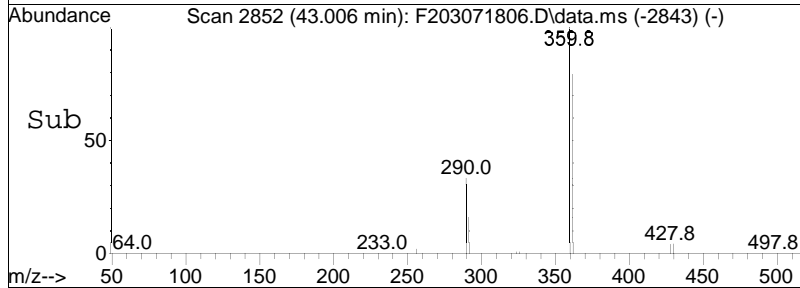
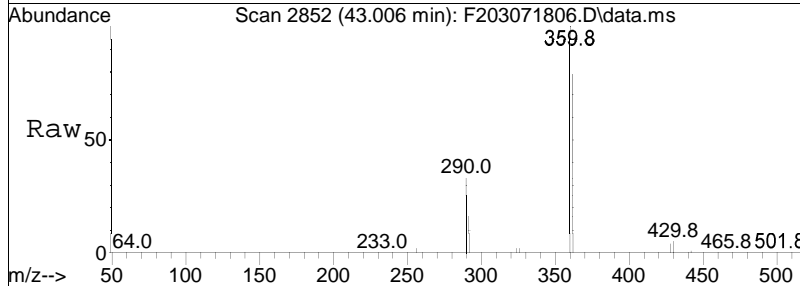
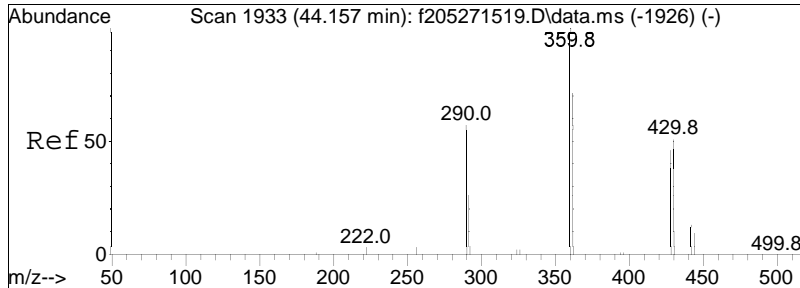




#174
 Cl6-BZ#128
 Concen: 92.59 ng/mL
 RT: 42.708 min Scan# 2834
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

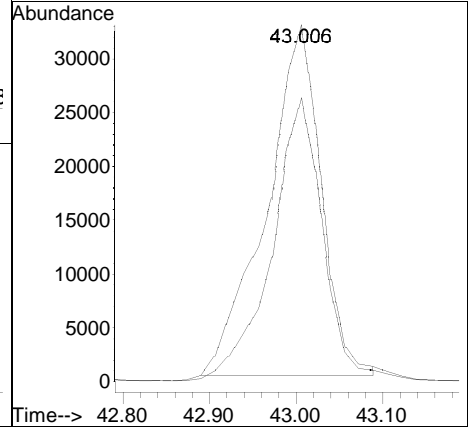
Tgt Ion: 360 Resp: 80845
 Ion Ratio Lower Upper
 360 100
 362 81.0 64.4 96.6

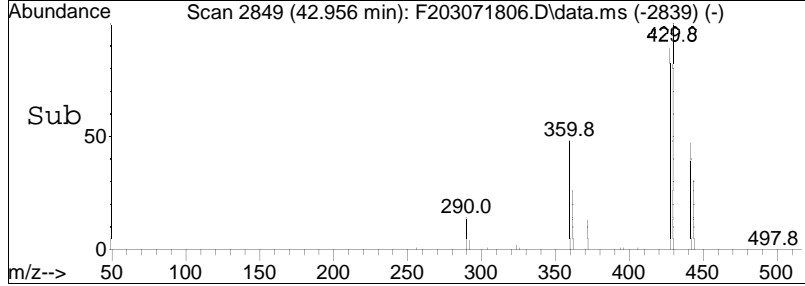
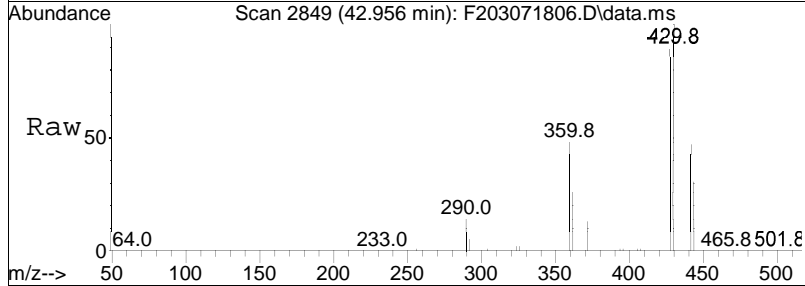
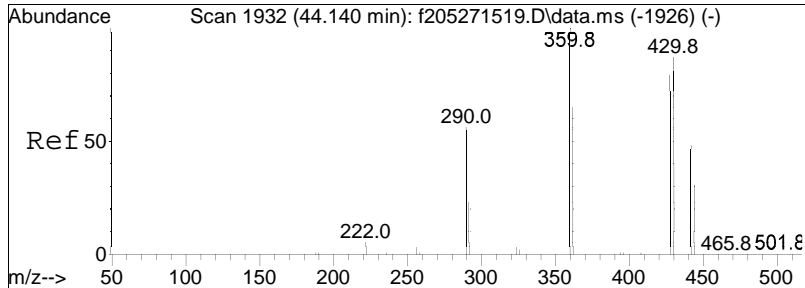




#175
 Cl6-BZ#167
 Concen: 90.90 ng/mL
 RT: 43.006 min Scan# 2852
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

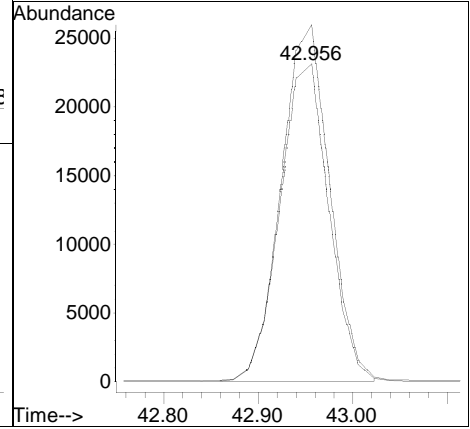
Tgt Ion	Resp	Lower	Upper
360	142401		
360	100		
362	72.6	63.0	94.4

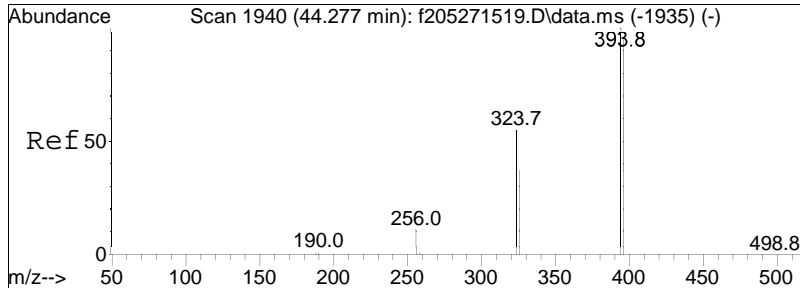




#176
 Cl8-BZ#202-RTW
 Concen: 91.61 ng/mL
 RT: 42.956 min Scan# 2849
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

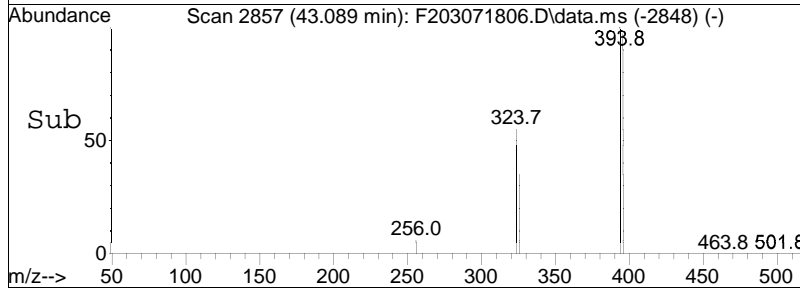
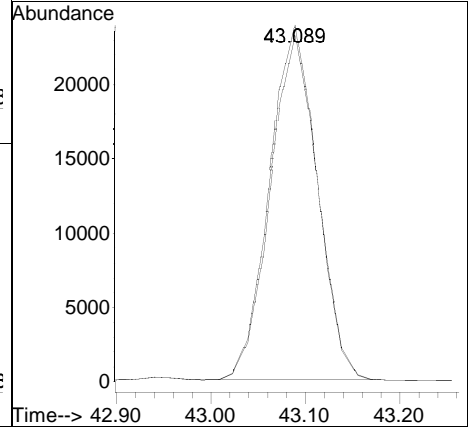
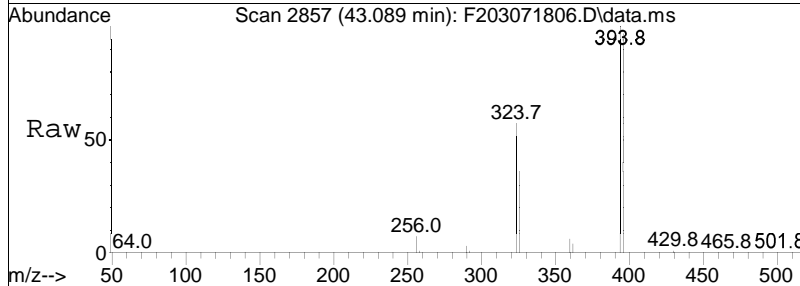
Tgt Ion: 428 Resp: 82749
 Ion Ratio Lower Upper
 428 100
 430 111.0 89.4 134.2

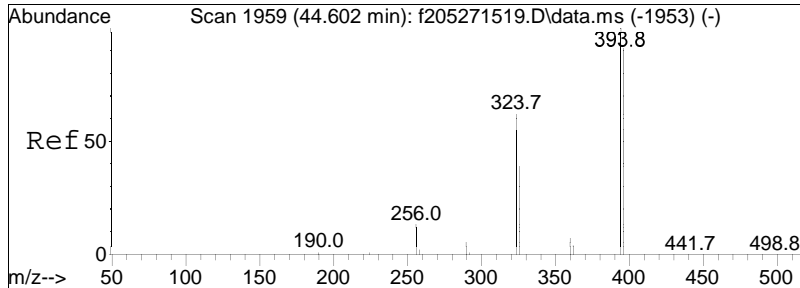




#178
 Cl7-BZ#181
 Concen: 92.94 ng/mL
 RT: 43.089 min Scan# 2857
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

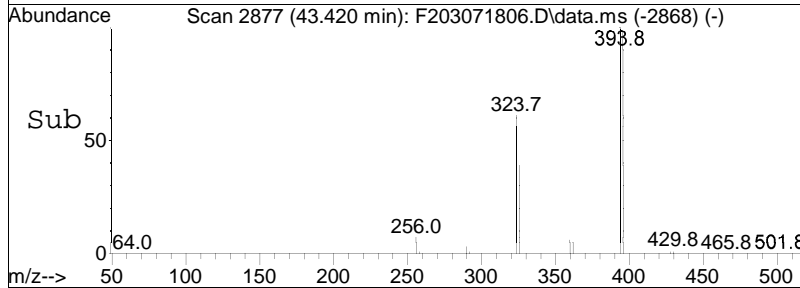
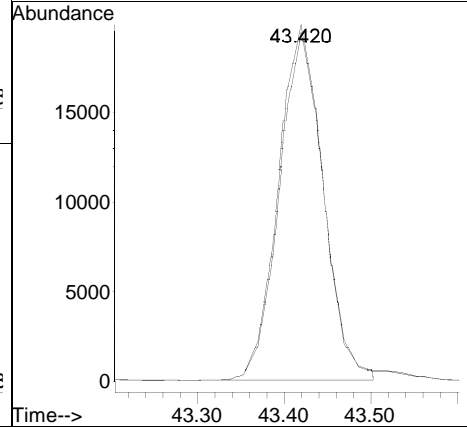
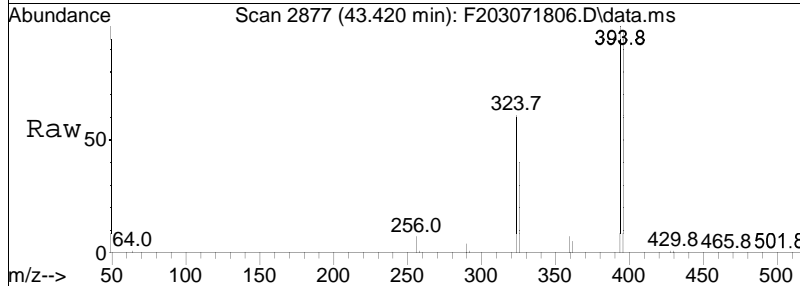
Tgt Ion: 394 Resp: 83401
 Ion Ratio Lower Upper
 394 100
 396 96.9 75.3 112.9

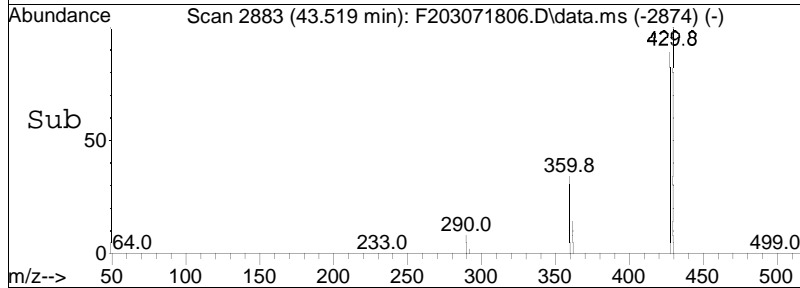
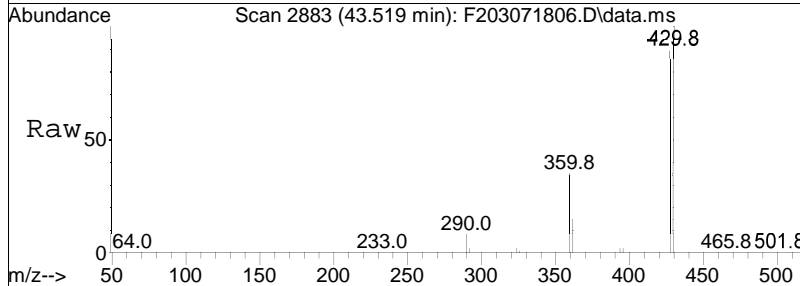
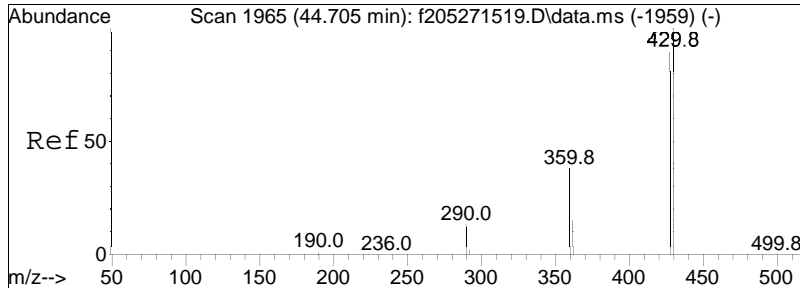




#179
 C17-BZ#177
 Concen: 91.13 ng/mL
 RT: 43.420 min Scan# 2877
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

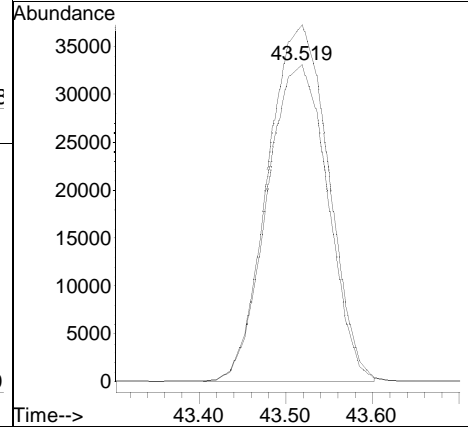
Tgt Ion: 394 Resp: 70903
 Ion Ratio Lower Upper
 394 100
 396 96.6 77.8 116.6

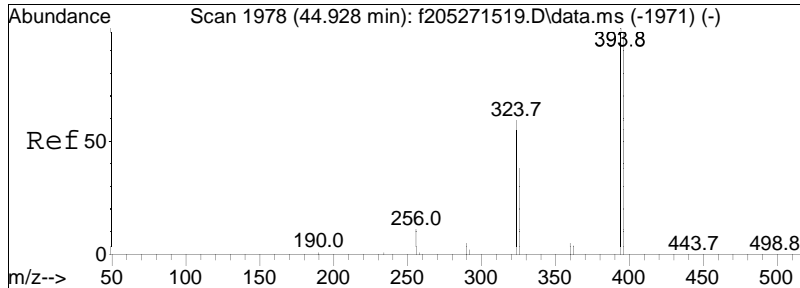




#180
 C18-BZ#204/#200-Cal
 Concen: 180.82 ng/mL
 RT: 43.519 min Scan# 2883
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

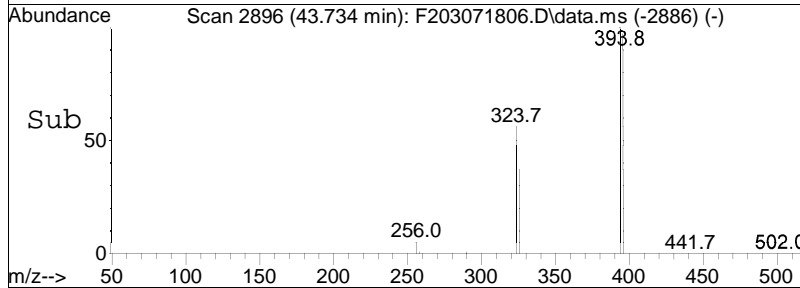
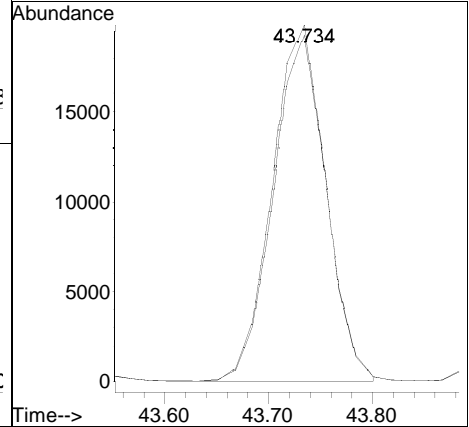
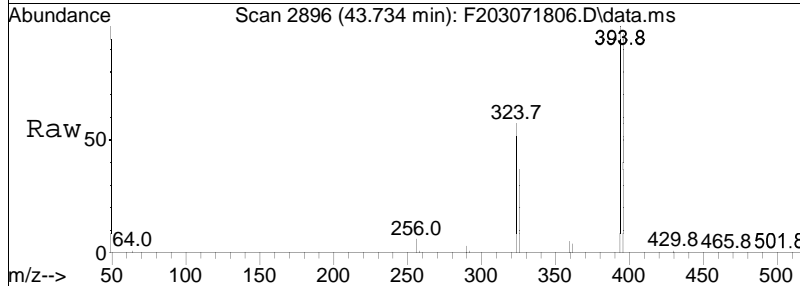
Tgt Ion	Resp	Lower	Upper
428	160392		
428	100		
430	112.3	89.8	134.6

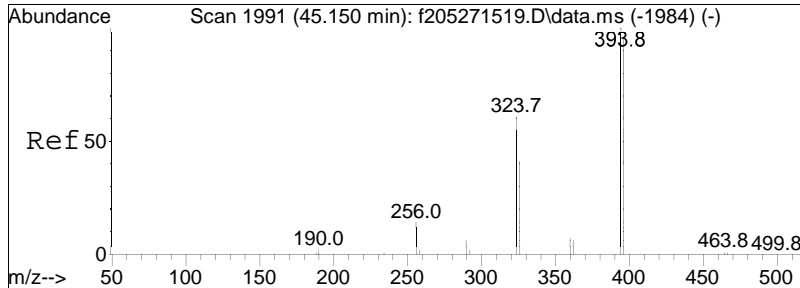




#183
 C17-BZ#171
 Concen: 91.93 ng/mL
 RT: 43.734 min Scan# 2896
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

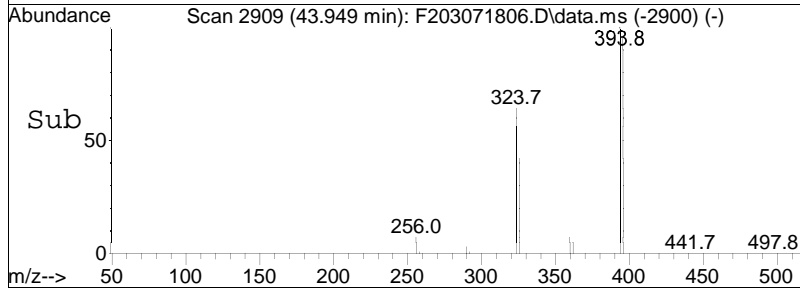
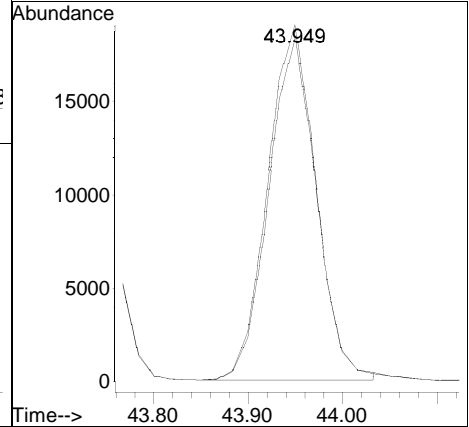
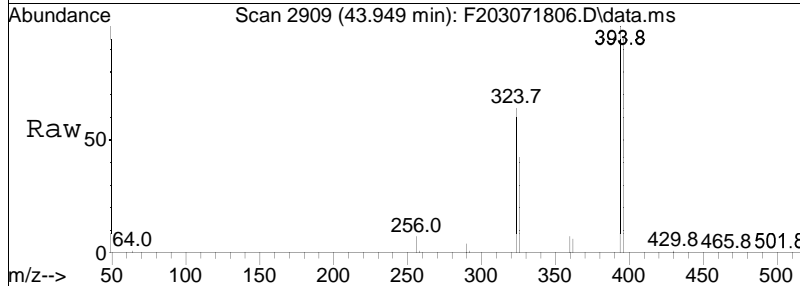
Tgt Ion: 394 Resp: 70059
 Ion Ratio Lower Upper
 394 100
 396 96.5 75.4 113.0

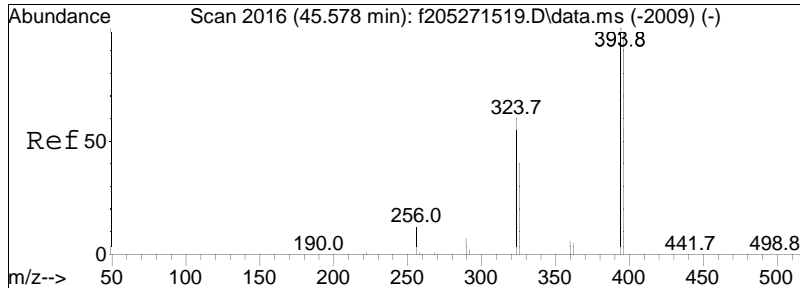




#184
 Cl7-BZ#173
 Concen: 89.77 ng/mL
 RT: 43.949 min Scan# 2909
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

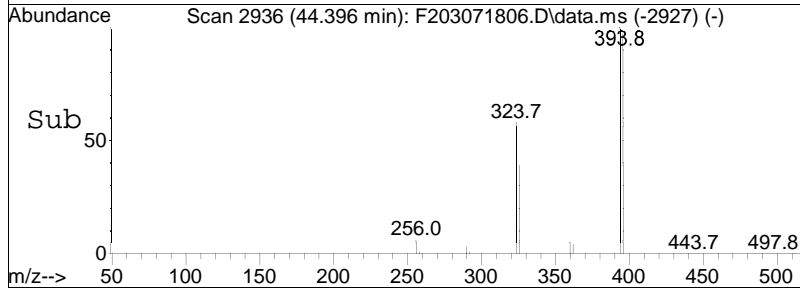
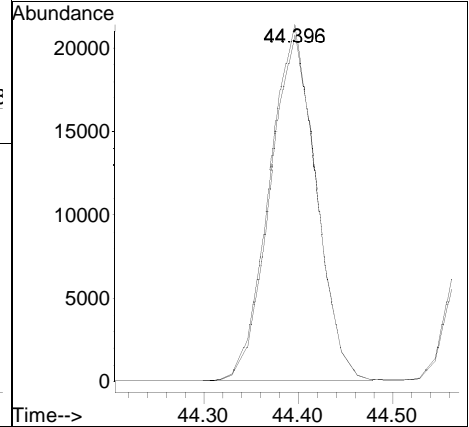
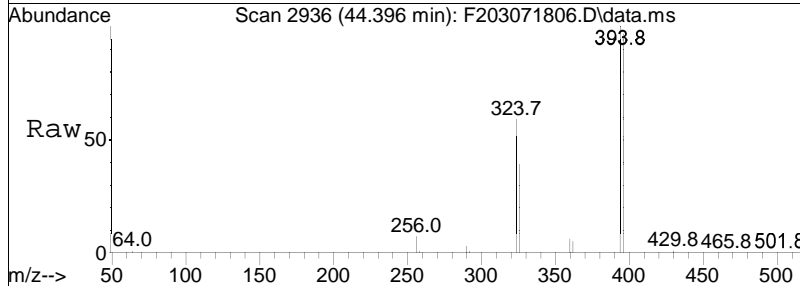
Tgt Ion: 394 Resp: 67407
 Ion Ratio Lower Upper
 394 100
 396 95.1 76.3 114.5

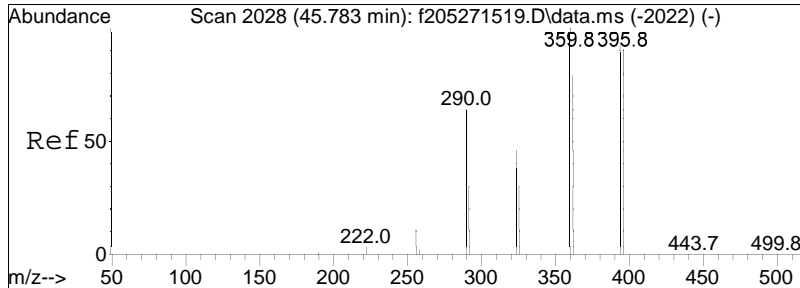




#185
 C17-BZ#172
 Concen: 90.41 ng/mL
 RT: 44.396 min Scan# 2936
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

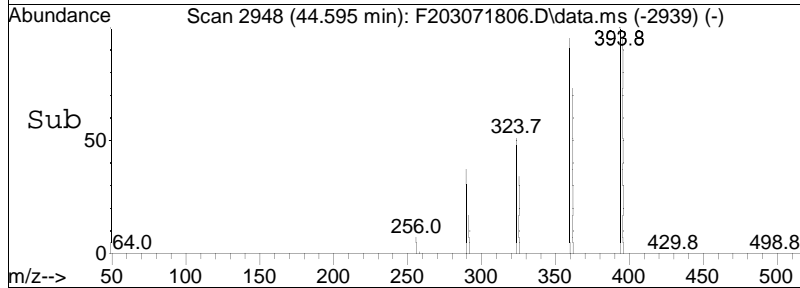
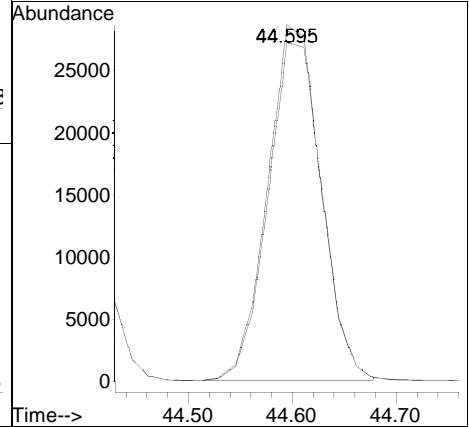
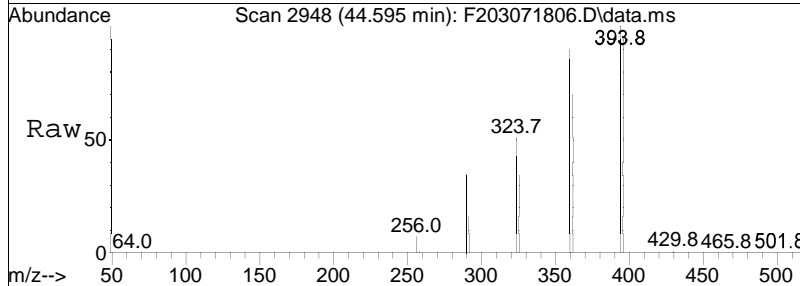
Tgt Ion: 394 Resp: 72985
 Ion Ratio Lower Upper
 394 100
 396 96.8 75.4 113.2

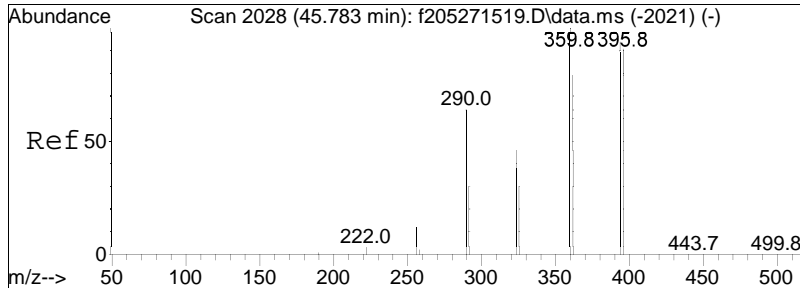




#186
 C17-BZ#192
 Concen: 91.67 ng/mL
 RT: 44.595 min Scan# 2948
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

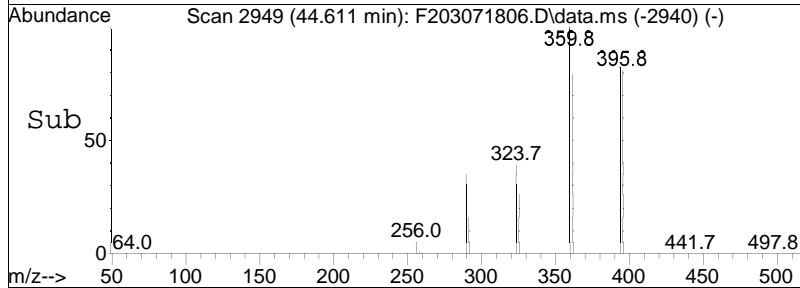
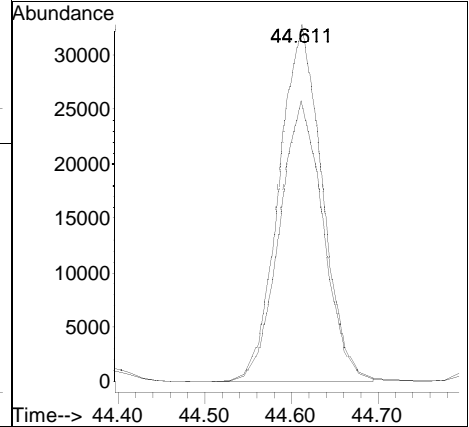
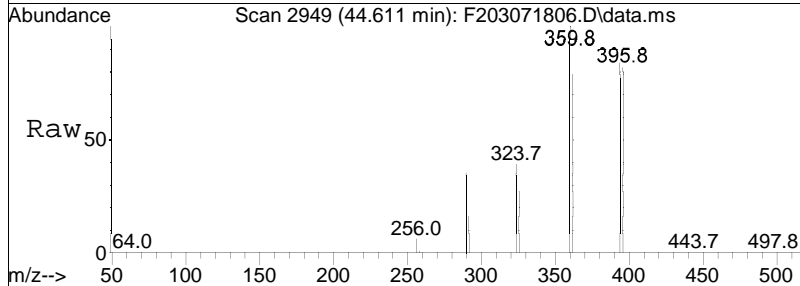
Tgt Ion: 394 Resp: 101355
 Ion Ratio Lower Upper
 394 100
 396 96.7 76.9 115.3

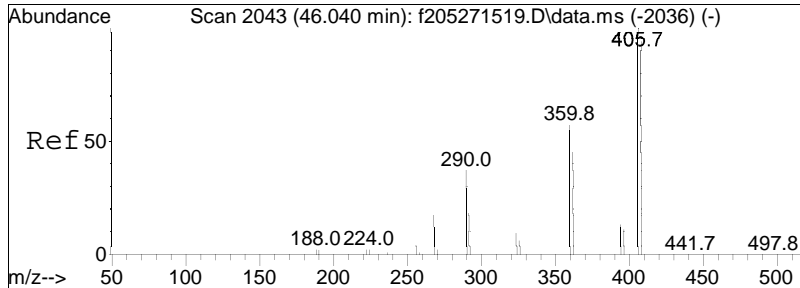




#187
 Cl6-BZ#156
 Concen: 92.34 ng/mL
 RT: 44.611 min Scan# 2949
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

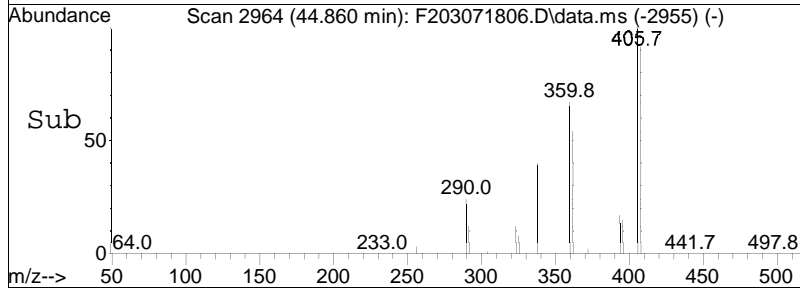
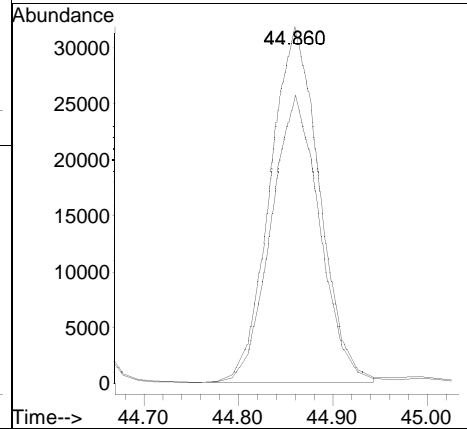
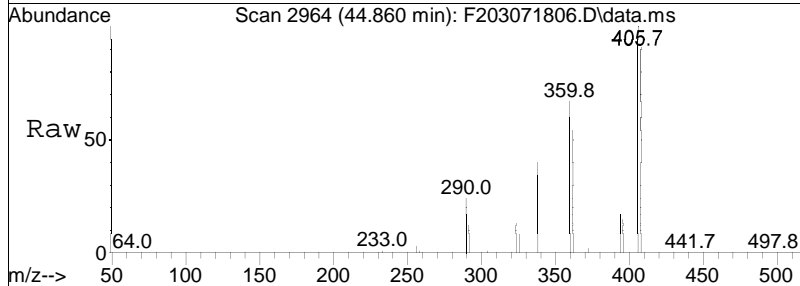
Tgt Ion: 360 Resp: 112727
 Ion Ratio Lower Upper
 360 100
 362 79.7 63.4 95.2

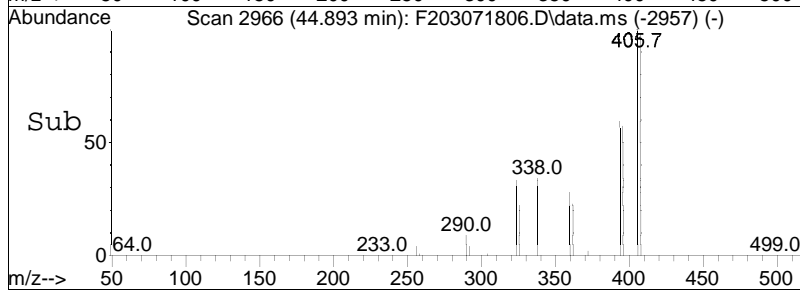
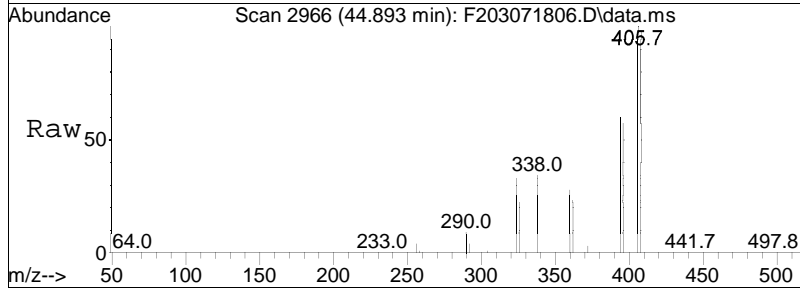
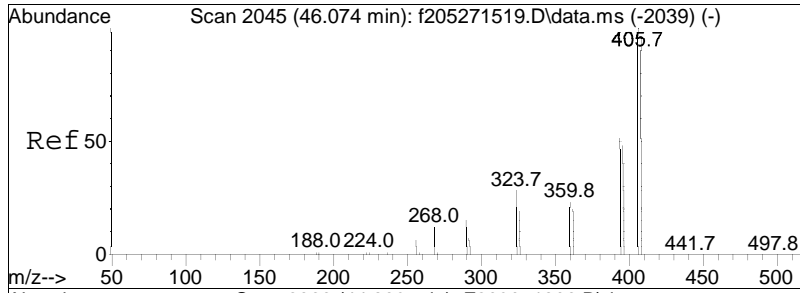




#188
 Cl6-BZ#157
 Concen: 90.96 ng/mL
 RT: 44.860 min Scan# 2964
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

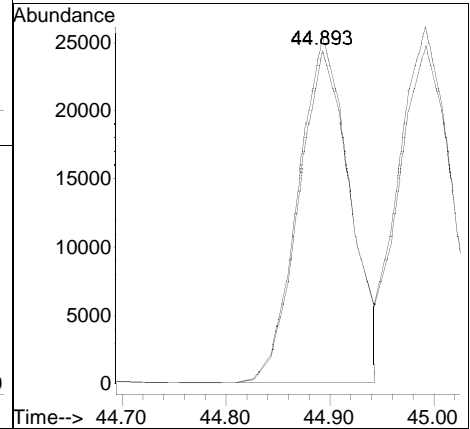
Tgt Ion: 360 Resp: 114702
 Ion Ratio Lower Upper
 360 100
 362 79.7 62.6 93.8

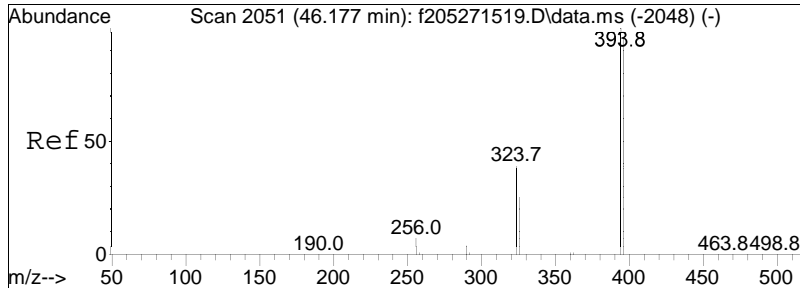




#189
 Cl7-BZ#180
 Concen: 90.97 ng/mL
 RT: 44.893 min Scan# 2966
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

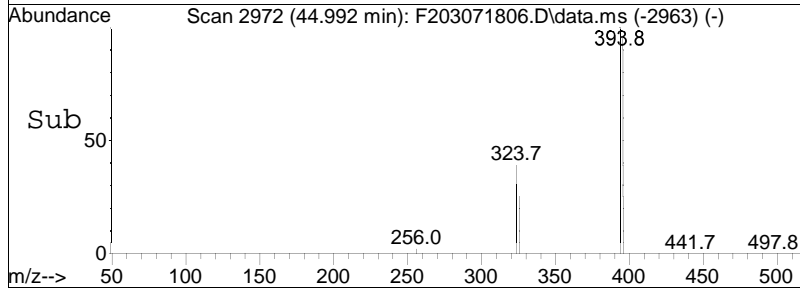
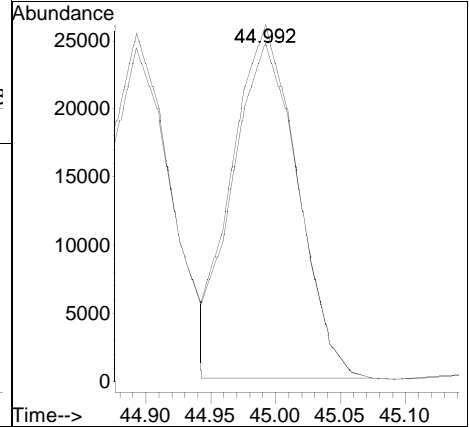
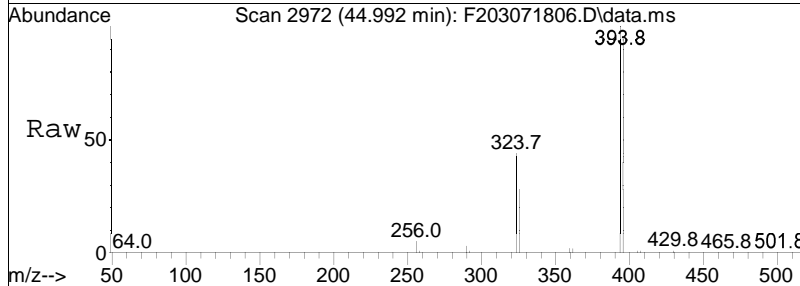
Tgt Ion: 394 Resp: 89347
 Ion Ratio Lower Upper
 394 100
 396 95.9 74.2 111.2

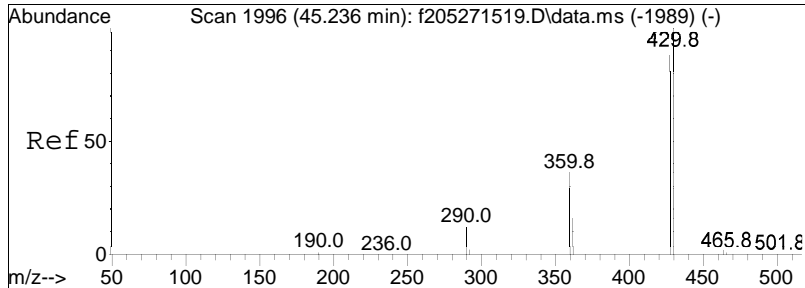




#190
 C17-BZ#193
 Concen: 88.18 ng/mL
 RT: 44.992 min Scan# 2972
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

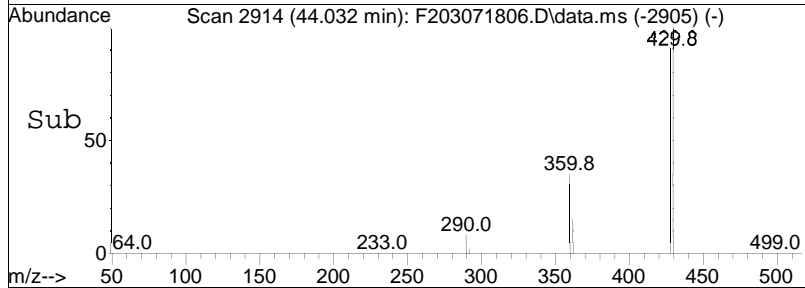
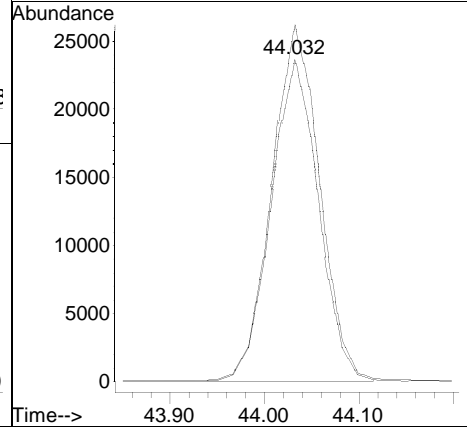
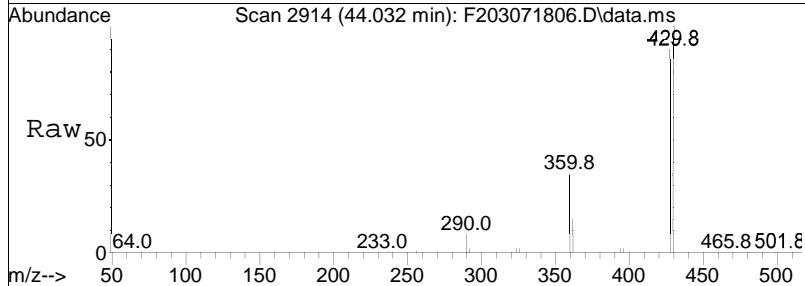
Tgt Ion: 394 Resp: 89124
 Ion Ratio Lower Upper
 394 100
 396 95.8 76.3 114.5

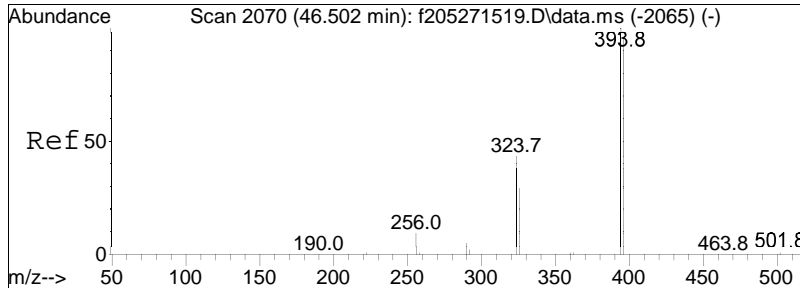




#191
 Cl8-BZ#197
 Concen: 90.39 ng/mL
 RT: 44.032 min Scan# 2914
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

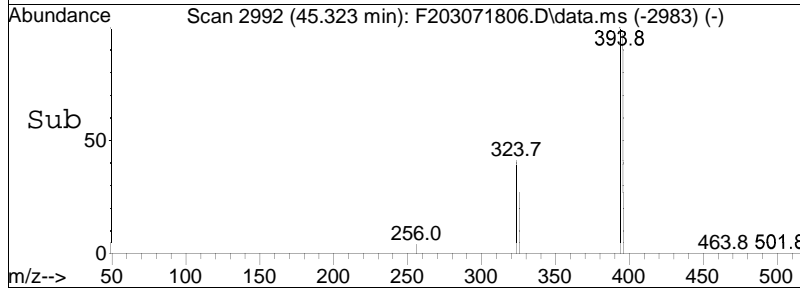
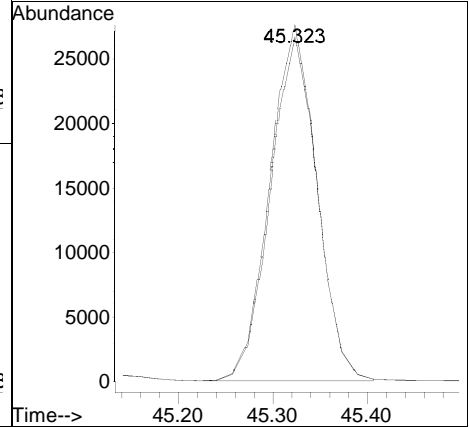
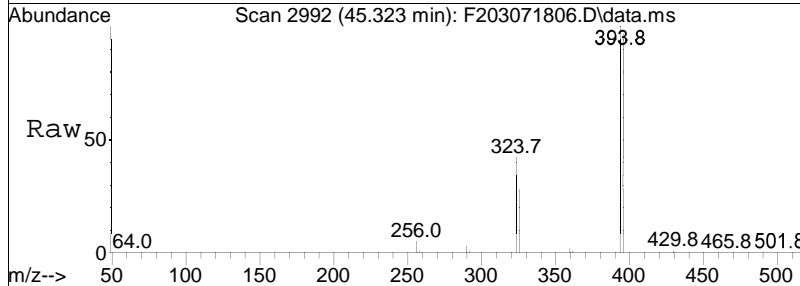
Tgt Ion: 428 Resp: 81841
 Ion Ratio Lower Upper
 428 100
 430 111.7 88.4 132.6

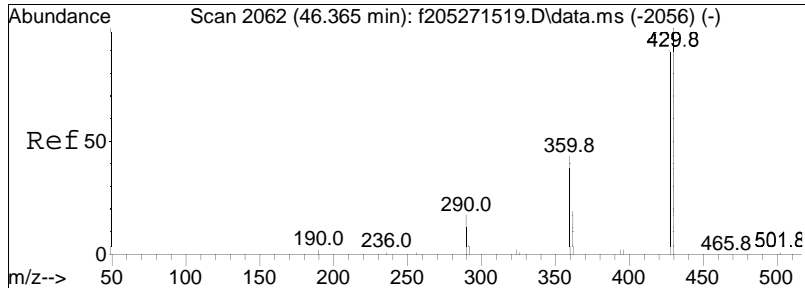




#192
 C17-BZ#191
 Concen: 90.43 ng/mL
 RT: 45.323 min Scan# 2992
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

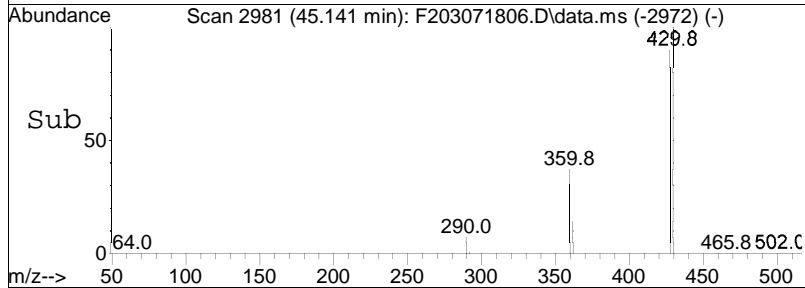
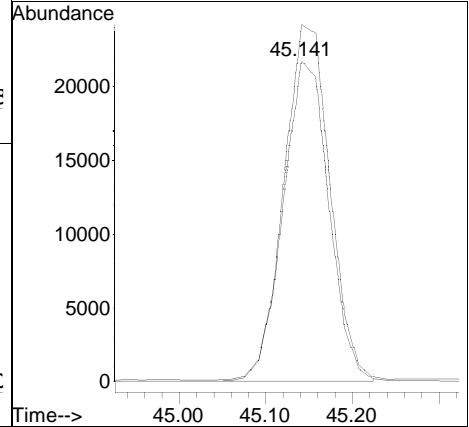
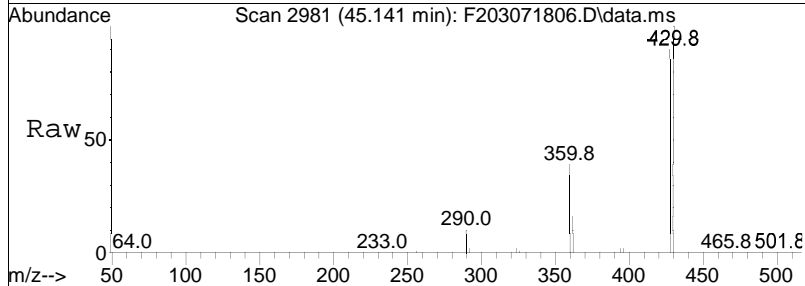
Tgt Ion: 394 Resp: 94909
 Ion Ratio Lower Upper
 394 100
 396 96.1 74.6 111.8

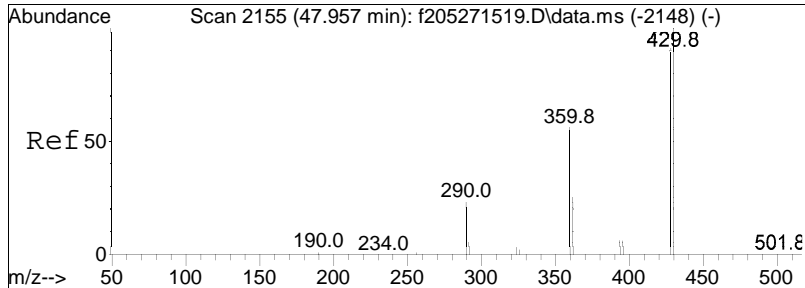




#193
 Cl8-BZ#199
 Concen: 87.70 ng/mL
 RT: 45.141 min Scan# 2981
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

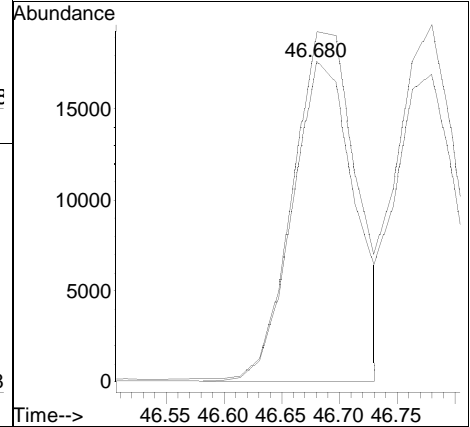
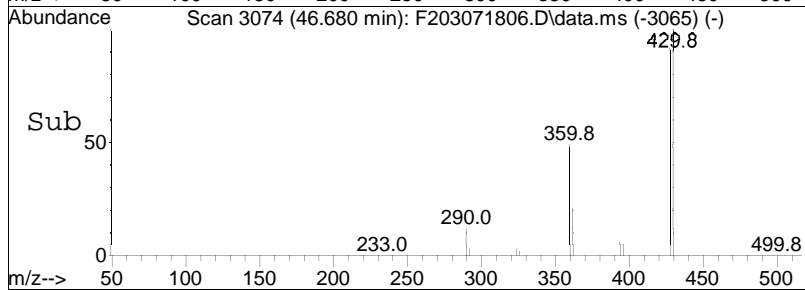
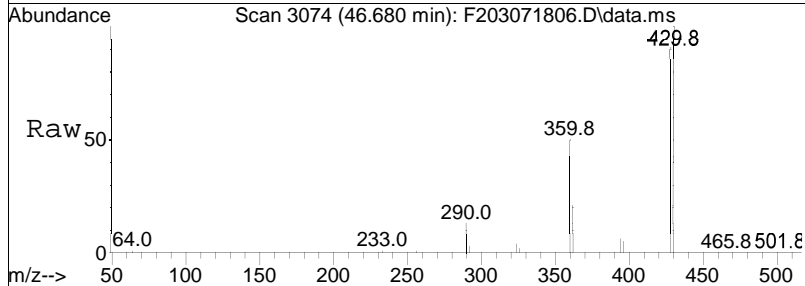
Tgt Ion:	428	Resp:	78904
Ion Ratio	Lower	Upper	
428	100		
430	112.3	90.5	135.7

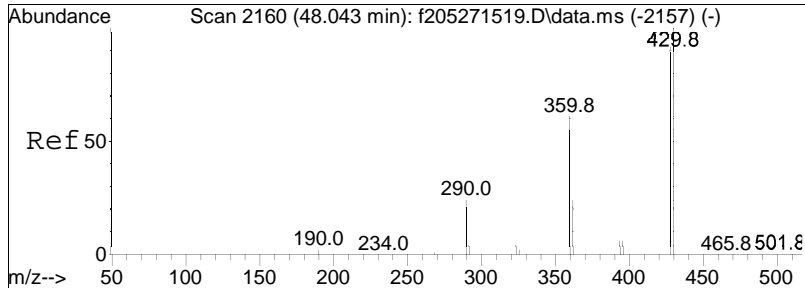




#194
 Cl8-BZ#198
 Concen: 87.96 ng/mL
 RT: 46.680 min Scan# 3074
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

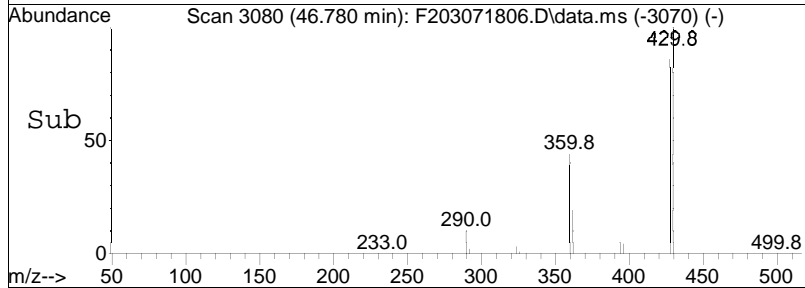
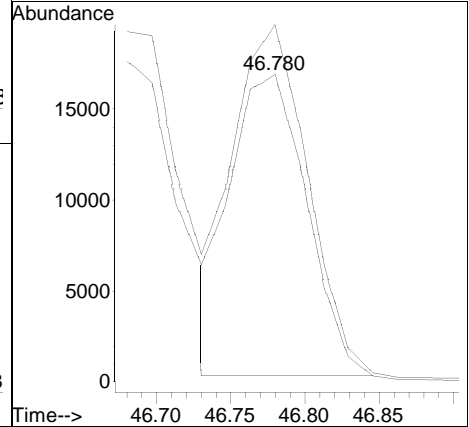
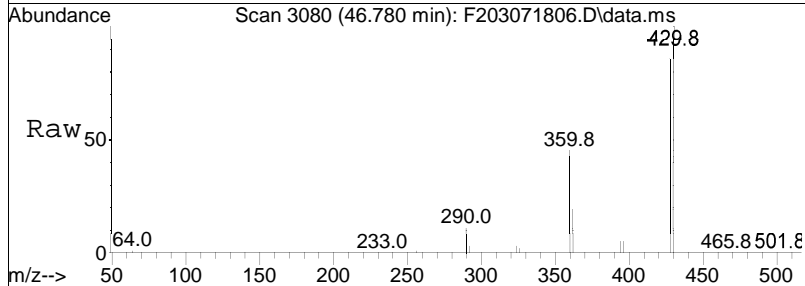
Tgt Ion: 428 Resp: 67162
 Ion Ratio Lower Upper
 428 100
 430 110.5 90.0 135.0

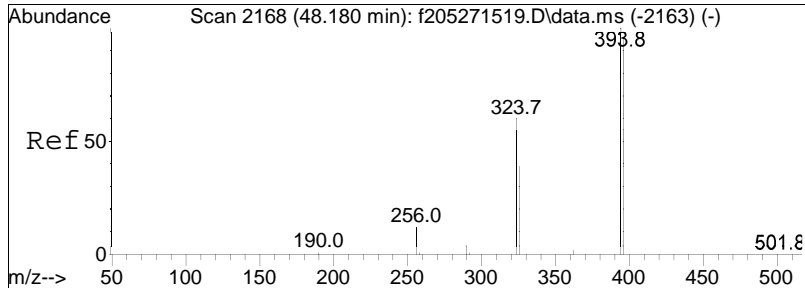




#195
 C18-BZ#201
 Concen: 89.63 ng/mL
 RT: 46.780 min Scan# 3080
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

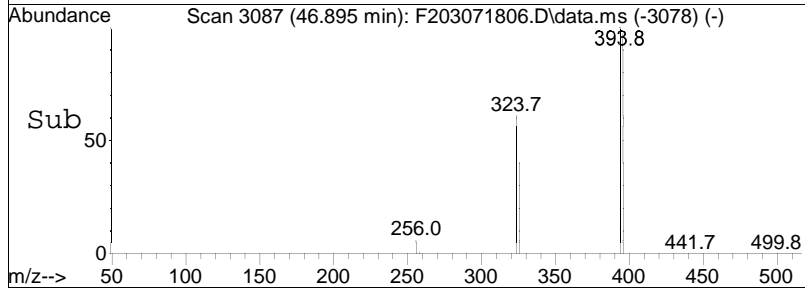
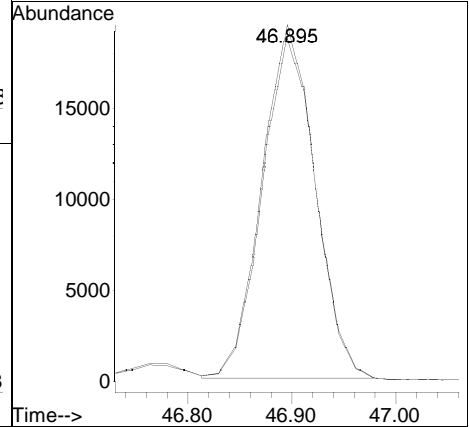
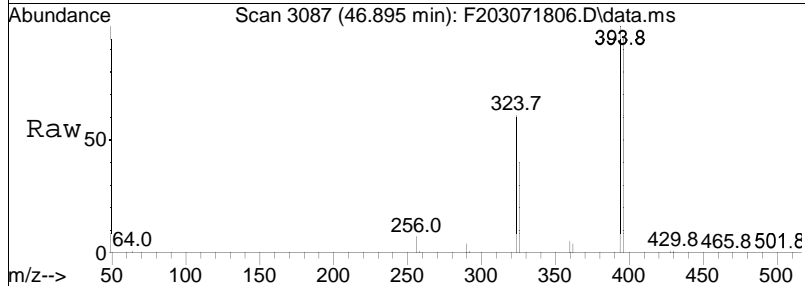
Tgt Ion: 428 Resp: 59067
 Ion Ratio Lower Upper
 428 100
 430 113.2 91.3 136.9

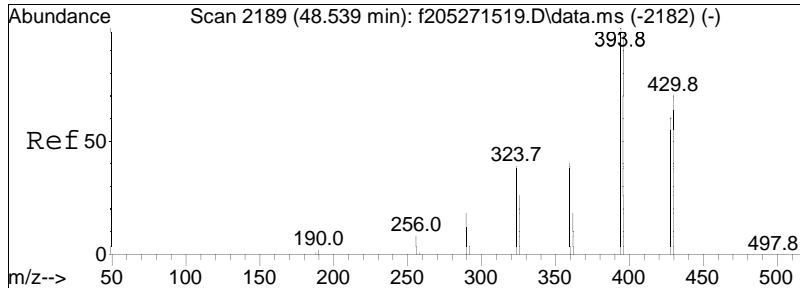




#196
 C17-BZ#170
 Concen: 89.62 ng/mL
 RT: 46.895 min Scan# 3087
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

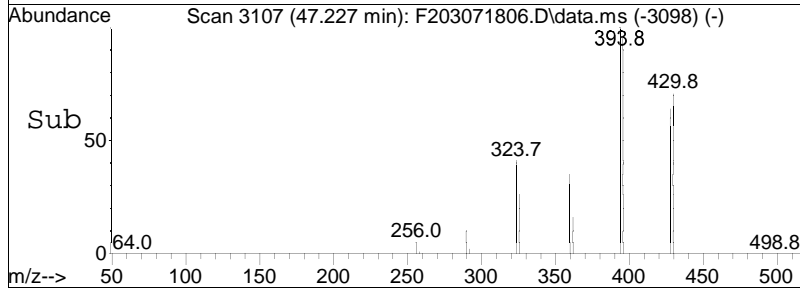
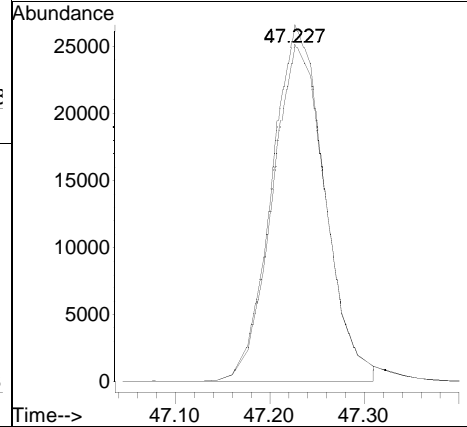
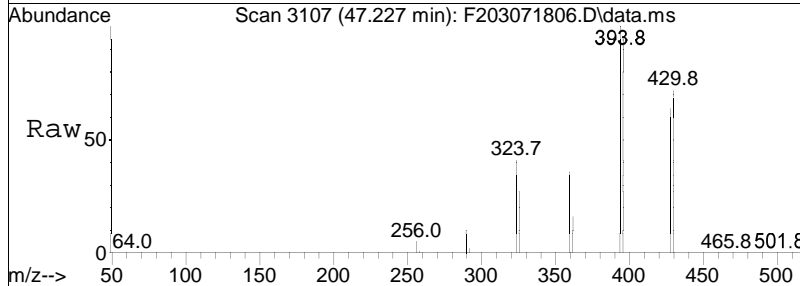
Tgt Ion: 394 Resp: 68144
 Ion Ratio Lower Upper
 394 100
 396 97.0 80.2 120.4

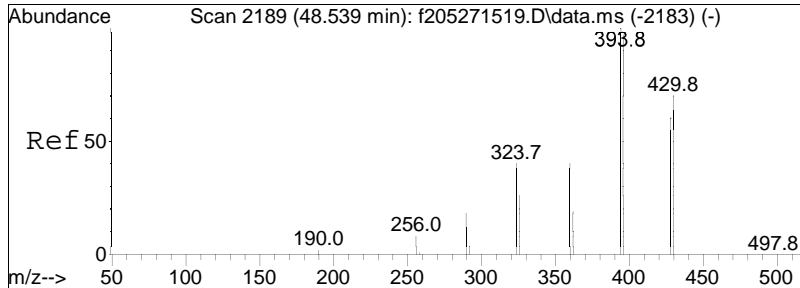




#197
 C17-BZ#190
 Concen: 92.39 ng/mL
 RT: 47.227 min Scan# 3107
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

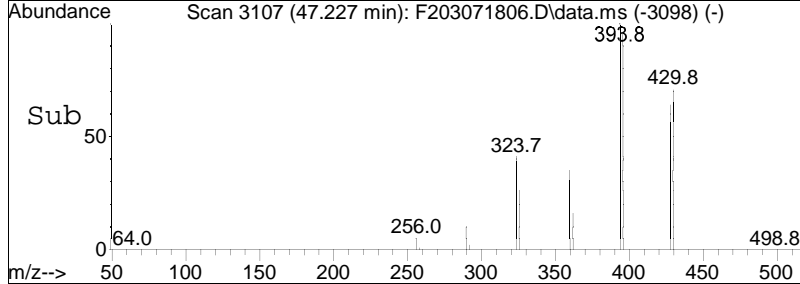
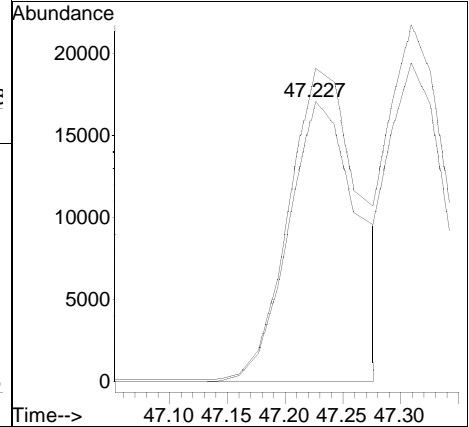
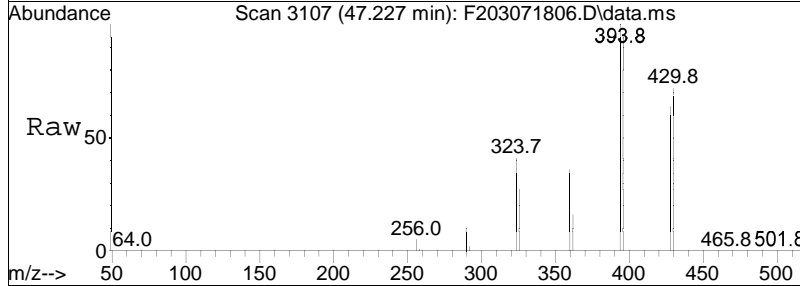
Tgt Ion: 394 Resp: 102260
 Ion Ratio Lower Upper
 394 100
 396 95.0 78.9 118.3

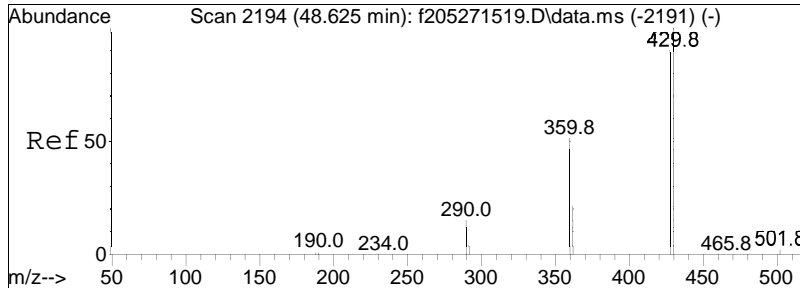




#198
 Cl8-BZ#196
 Concen: 100.27 ng/mL
 RT: 47.227 min Scan# 3107
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

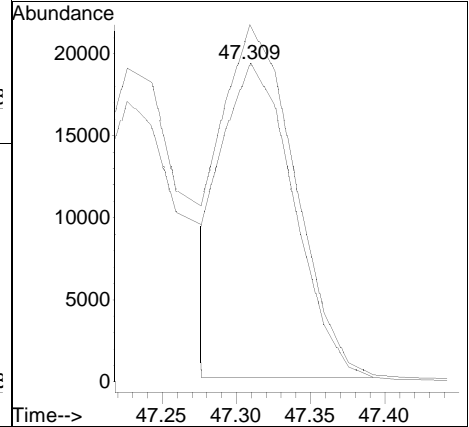
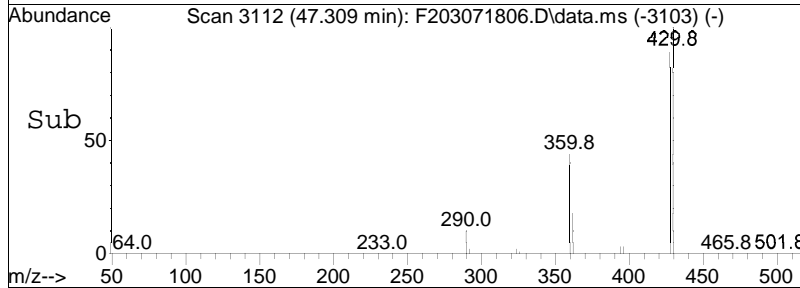
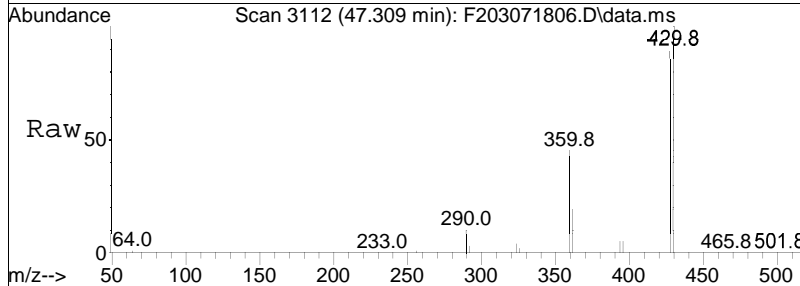
Tgt Ion: 428 Resp: 71659
 Ion Ratio Lower Upper
 428 100
 430 111.8 90.2 135.2

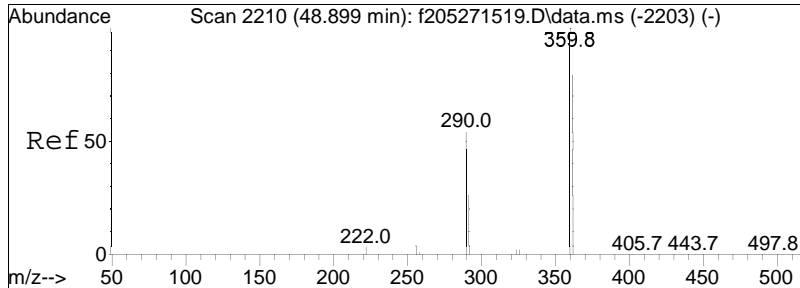




#199
 Cl8-BZ#203
 Concen: 81.71 ng/mL
 RT: 47.309 min Scan# 3112
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

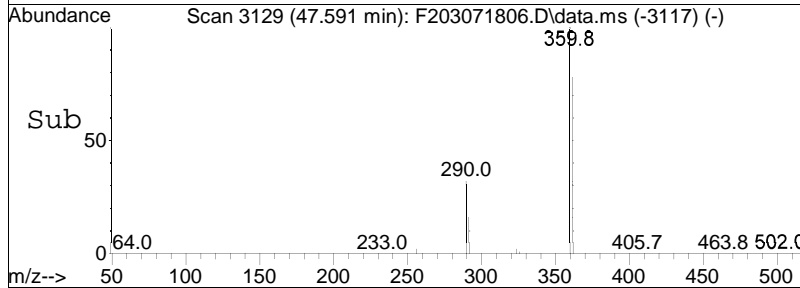
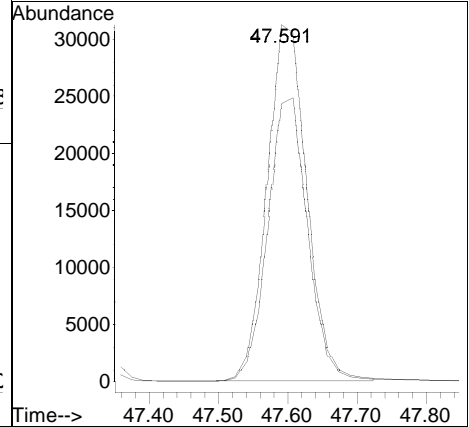
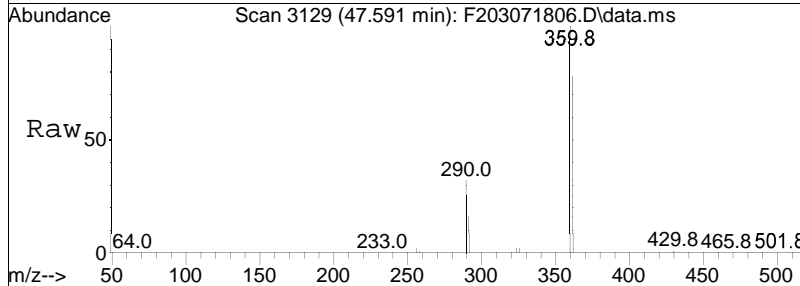
Tgt Ion: 428 Resp: 63091
 Ion Ratio Lower Upper
 428 100
 430 112.5 90.0 135.0

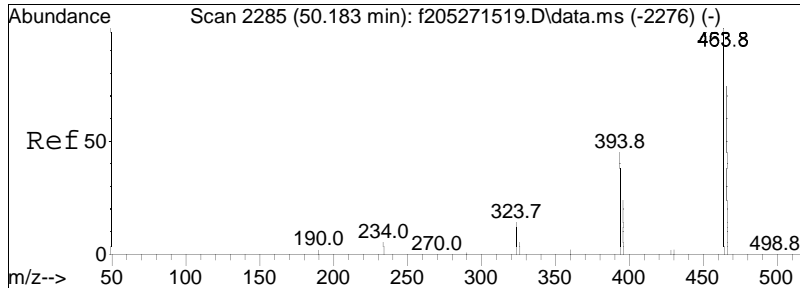




#200
 Cl6-BZ#169-RTW
 Concen: 91.90 ng/mL
 RT: 47.591 min Scan# 3129
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

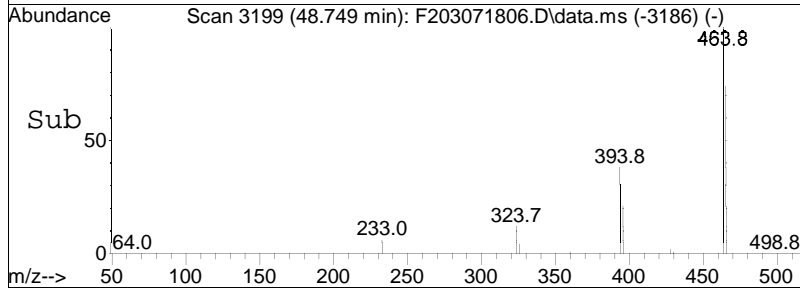
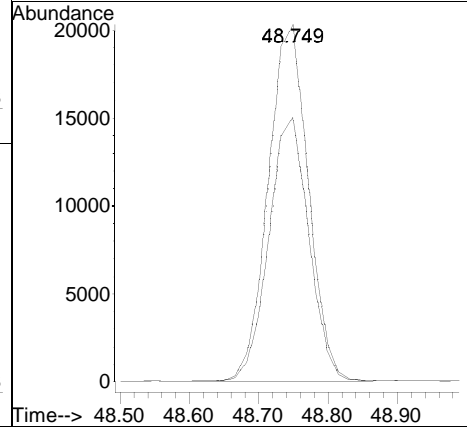
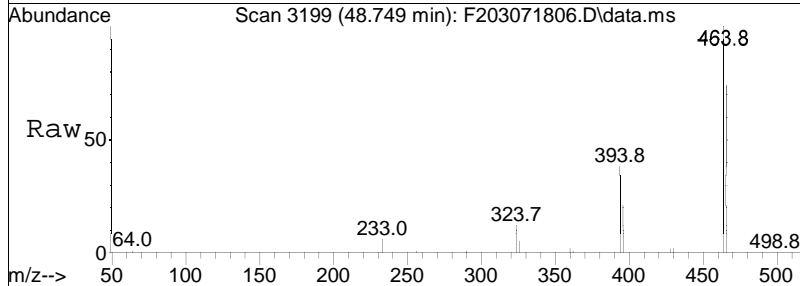
Tgt Ion	Resp	Lower	Upper
360	123919		
362	79.5	65.0	97.4

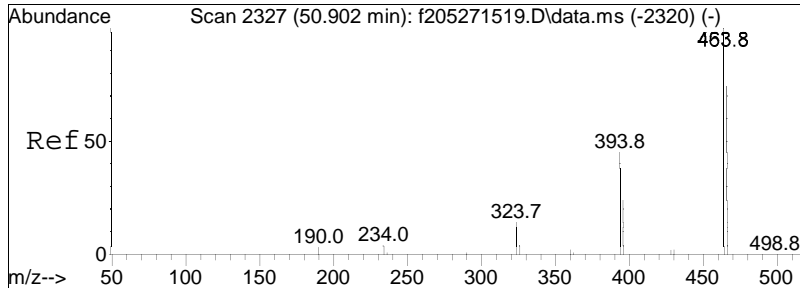




#201
 C19-BZ#208-RTW
 Concen: 85.09 ng/mL
 RT: 48.749 min Scan# 3199
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

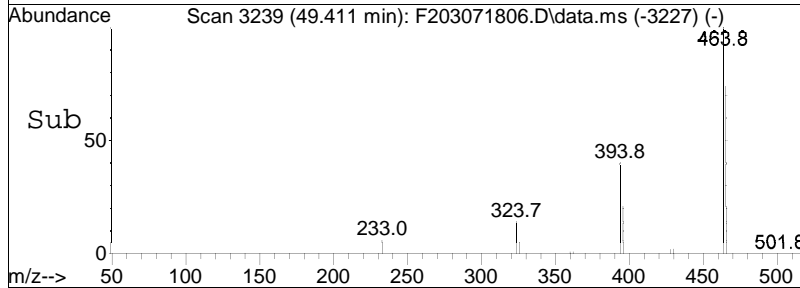
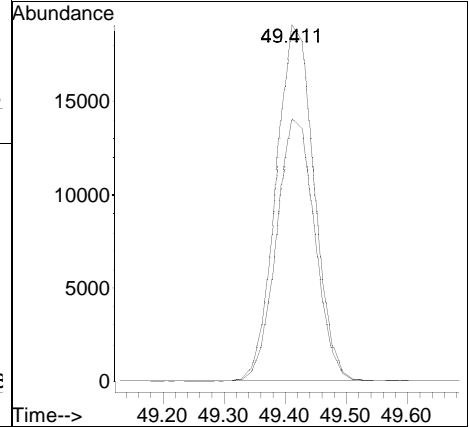
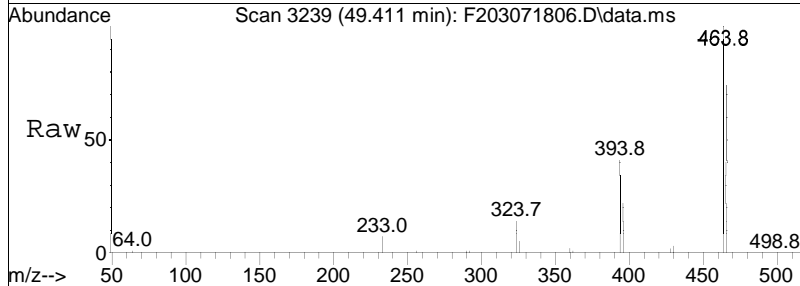
Tgt Ion: 464 Resp: 81248
 Ion Ratio Lower Upper
 464 100
 466 73.7 60.3 90.5

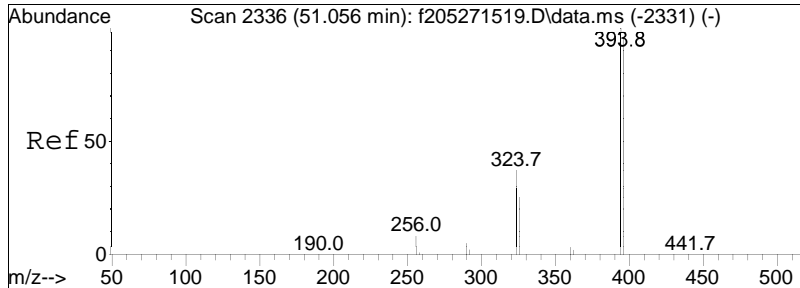




#202
 C19-BZ#207
 Concen: 88.15 ng/mL
 RT: 49.411 min Scan# 3239
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

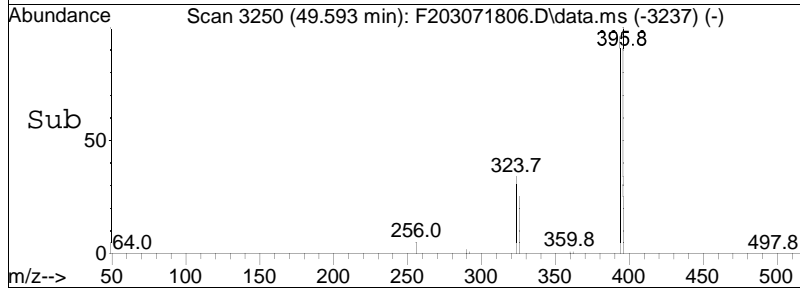
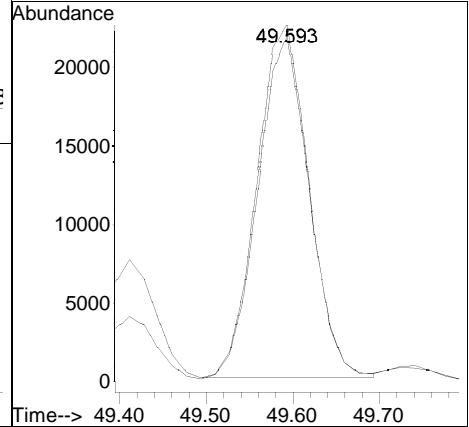
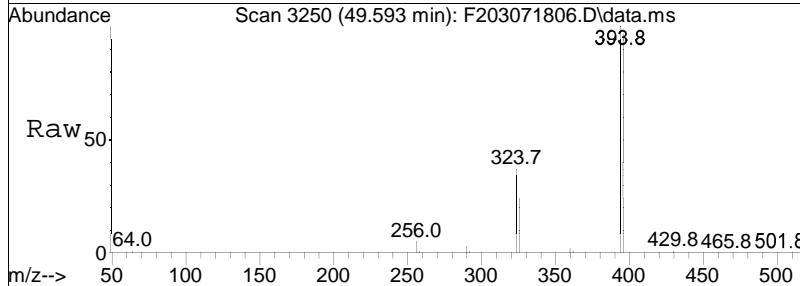
Tgt Ion: 464 Resp: 82145
 Ion Ratio Lower Upper
 464 100
 466 74.1 61.9 92.9

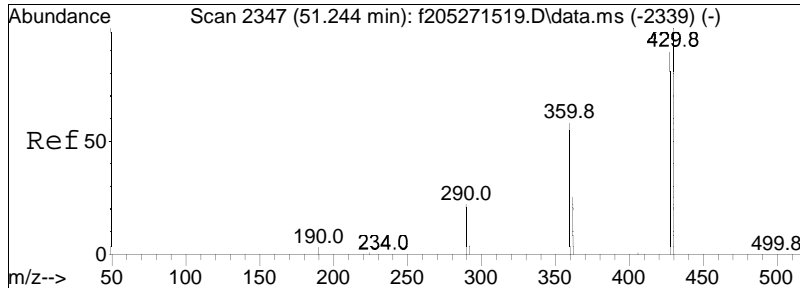




#203
 C17-BZ#189-RTW
 Concen: 92.50 ng/mL
 RT: 49.593 min Scan# 3250
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

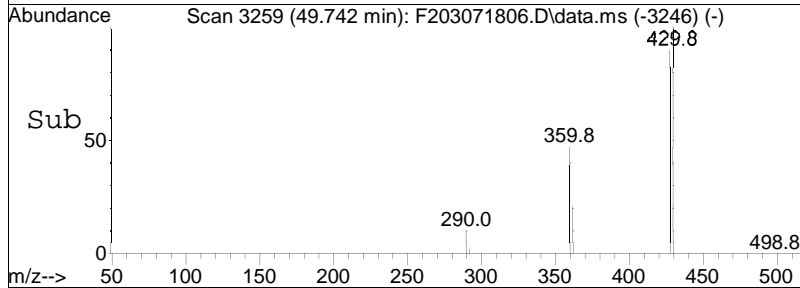
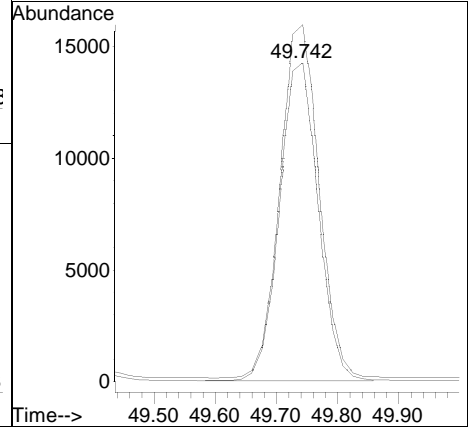
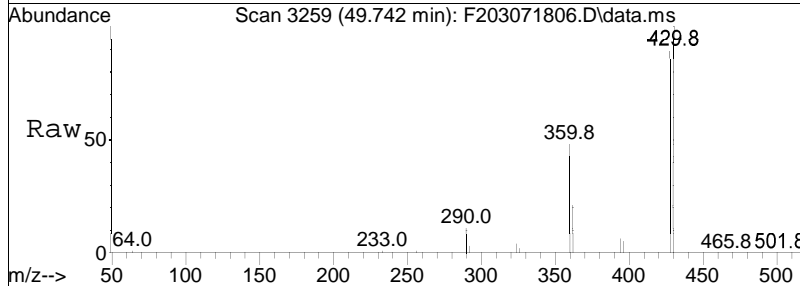
Tgt Ion: 394 Resp: 93193
 Ion Ratio Lower Upper
 394 100
 396 96.2 76.4 114.6

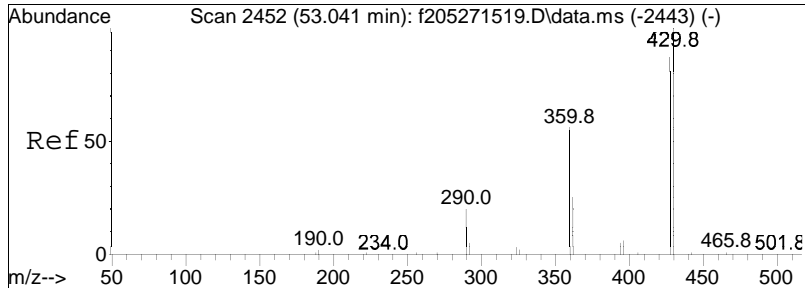




#204
 Cl8-BZ#195
 Concen: 88.31 ng/mL
 RT: 49.742 min Scan# 3259
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

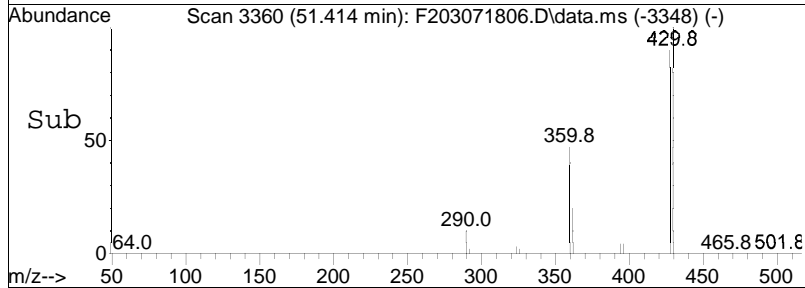
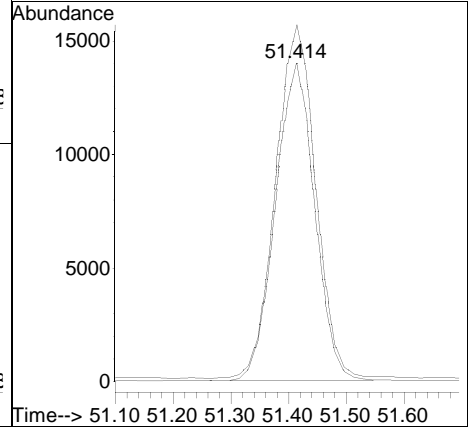
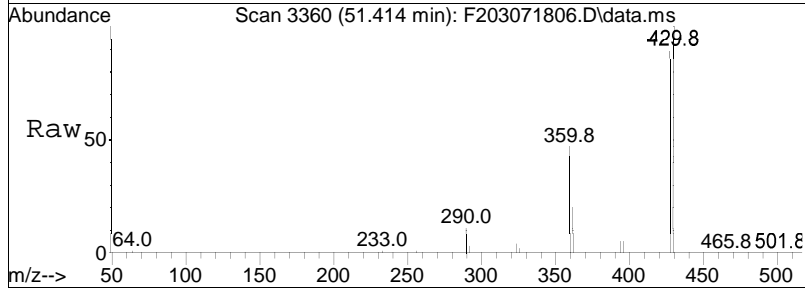
Tgt Ion: 428 Resp: 6201
 Ion Ratio Lower Upper
 428 100
 430 112.1 93.8 140.8

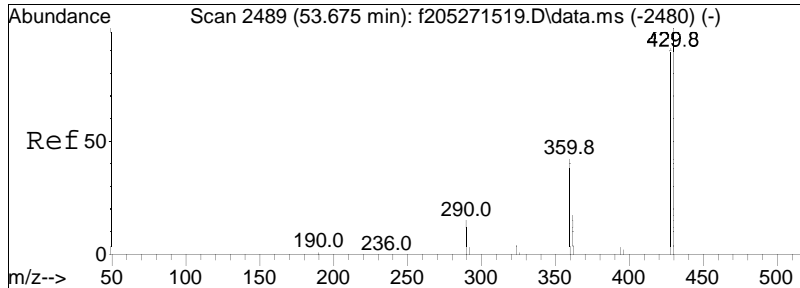




#205
 Cl8-BZ#194
 Concen: 86.97 ng/mL
 RT: 51.414 min Scan# 3360
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

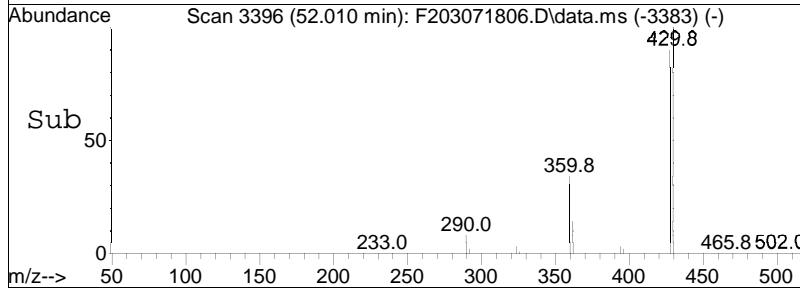
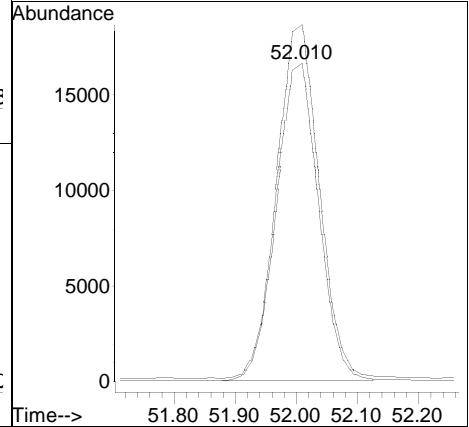
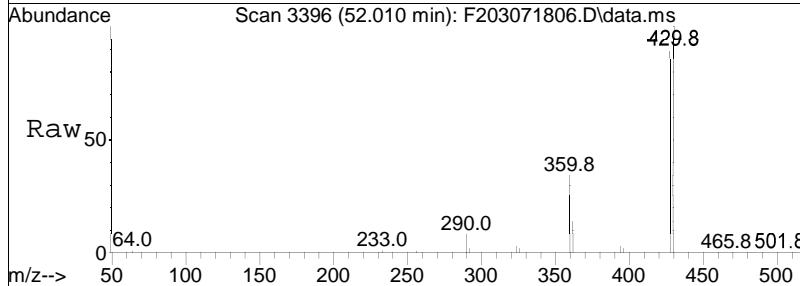
Tgt Ion: 428 Resp: 65393
 Ion Ratio Lower Upper
 428 100
 430 113.4 92.2 138.2

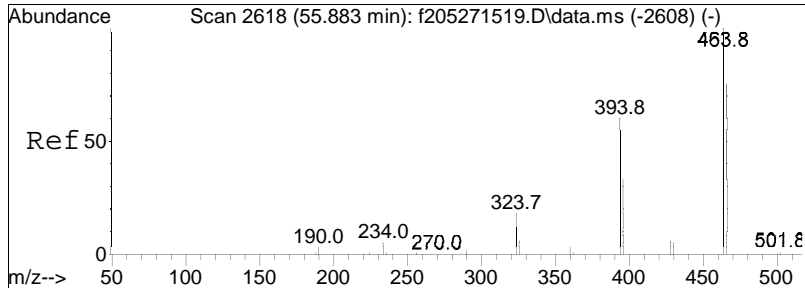




#206
 C18-BZ#205-RTW
 Concen: 86.51 ng/mL
 RT: 52.010 min Scan# 3396
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

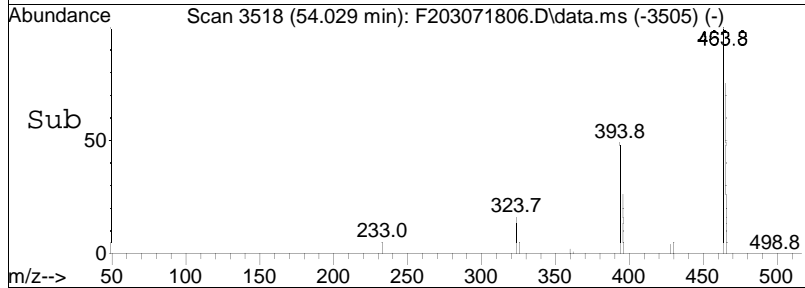
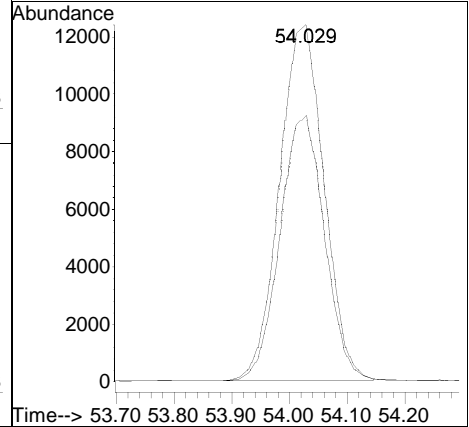
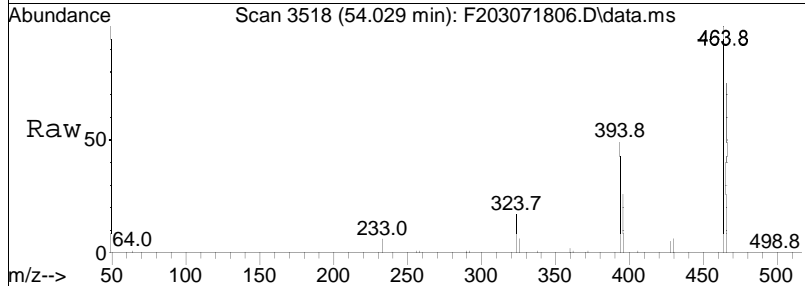
Tgt Ion: 428 Resp: 79710
 Ion Ratio Lower Upper
 428 100
 430 112.1 91.3 136.9

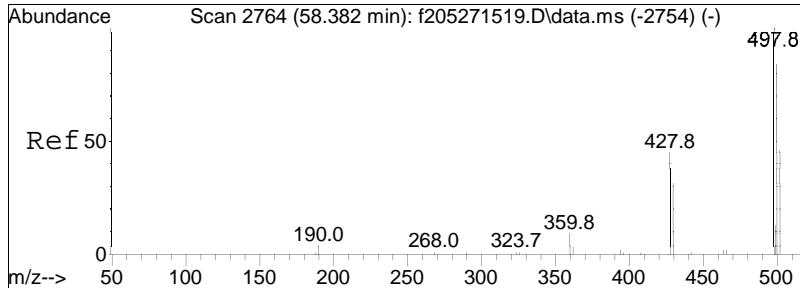




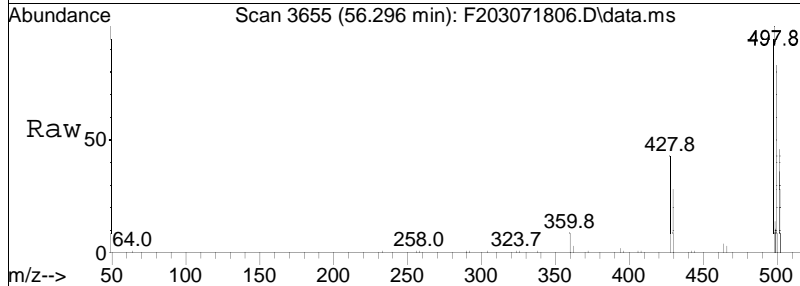
#207
 C19-BZ#206-Cal/RTW
 Concen: 85.63 ng/mL
 RT: 54.029 min Scan# 3518
 Delta R.T. 0.017 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm

Tgt Ion: 464 Resp: 65789
 Ion Ratio Lower Upper
 464 100
 466 74.2 60.2 90.2

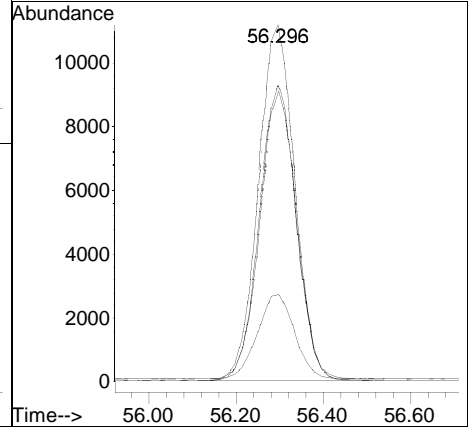
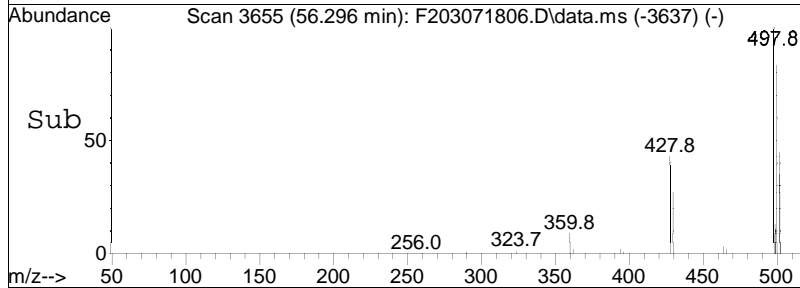




#210
 Cl10-BZ#209-Cal/RTW
 Concen: 84.68 ng/mL M4
 RT: 56.296 min Scan# 3655
 Delta R.T. 0.000 min
 Lab File: F203071806.D
 Acq: 7 Mar 2018 4:27 pm



Tgt Ion	Resp	Lower	Upper
498	100		
500	0.0	66.9	100.3#
499	0.0	10.8	16.2#
502	0.0	38.5	57.7#



Sample Preparation





ORGANIC ELN REPORT

Workgroup: WG1094741

Prep Method: EPA 3510C Solvent Type: DCM Surrogate Type: A2-CONGENER Spike Type: A2-CONGENER Spike Verify by: BA Lims Spikelot: A2-PCBHOM10 Additional Reagents/Std	Lot #: DT038 Lot #: MSAT70 Lot #: MSAT33	Conc.Method: S-EVAP/N-EVAP Solvent Type: Hexane Lot #: 0000188413 Additional Reagents/Std	Cleanup 1 Cleanup Method 1: Cleanup Method 2: Solvent Type: Lot #: Additional Reagents/Std								
<table border="1" style="width: 100%;"> <tr><td> </td><td> </td></tr> <tr><td>Glass Wool</td><td>17216999</td></tr> <tr><td>Na2SO4</td><td>0000187397</td></tr> <tr><td>H2SO4</td><td>OWA103017B</td></tr> </table>				Glass Wool	17216999	Na2SO4	0000187397	H2SO4	OWA103017B		
Glass Wool	17216999										
Na2SO4	0000187397										
H2SO4	OWA103017B										

Extraction

Concentration

Sample/ Type	Extract Date	Analyst	Sample Vol ml	Ph	Surr Amt ml	Spike Amt ml		Conc Date	Analyst	Final Vol ml	Conc Unit
L1806872-01 SOIL	03/06/18 06:00	Brian Anderson	1000	10	1			03/06/18 11:22	Kelly Oneill	1	SEVAP 1, NEVAP 5
All samples had pH adjusted to 7 prior to extraction. BA 3/6/18											
L1806872-02 SOIL	03/06/18 06:00	Brian Anderson	1000	10	1			03/06/18 11:22	Kelly Oneill	1	SEVAP 1, NEVAP 5
L1806872-03 SOIL	03/06/18 06:00	Brian Anderson	1000	10	1			03/06/18 11:22	Kelly Oneill	1	SEVAP 1, NEVAP 5
L1806872-04 SOIL	03/06/18 06:00	Brian Anderson	1000	10	1			03/06/18 11:22	Kelly Oneill	1	SEVAP 1, NEVAP 5
L1806872-05 SOIL	03/06/18 06:00	Brian Anderson	1000	10	1			03/06/18 11:22	Kelly Oneill	1	SEVAP 1, NEVAP 5
L1806872-06 SOIL	03/06/18 06:00	Brian Anderson	1000	10	1			03/06/18 11:22	Kelly Oneill	1	SEVAP 1, NEVAP 5



ORGANIC ELN REPORT

Workgroup: WG1094741

Sample/ Type	Extraction						Concentration			
	Extract Date	Analyst	Sample Vol ml	Ph	Surr Amt ml	Spike Amt ml	Conc Date	Analyst	Final Vol ml	Conc Unit
L1806872-07 SOIL	03/06/18 06:00	Brian Anderson	1000	10	1		03/06/18 11:22	Kelly Oneill	1	SEVAP 1, NEVAP 5
L1806872-08 SOIL	03/06/18 06:00	Brian Anderson	1000	10	1		03/06/18 11:22	Kelly Oneill	1	SEVAP 1, NEVAP 5
L1806872-09 SOIL	03/06/18 06:00	Brian Anderson	1000	10	1		03/06/18 11:22	Kelly Oneill	1	SEVAP 1, NEVAP 5
L1806872-10 SOIL	03/06/18 06:00	Brian Anderson	1000	10	1		03/06/18 11:22	Kelly Oneill	1	SEVAP 1, NEVAP 5
L1806872-11 SOIL	03/06/18 06:00	Brian Anderson	1000	10	1		03/06/18 11:22	Kelly Oneill	1	SEVAP 1, NEVAP 5
L1806872-12 SOIL	03/06/18 06:00	Brian Anderson	1000	10	1		03/06/18 11:22	Kelly Oneill	1	SEVAP 1, NEVAP 5
WG1094741- 1 BLANK	03/06/18 06:00	Brian Anderson	1000	7	1		03/06/18 11:22	Kelly Oneill	1	SEVAP 1, NEVAP 5
Shared QC with WG1094744 and WG1094743. SPLP Blank. BA 3/6/18										
WG1094741- 2 LCS	03/06/18 06:00	Brian Anderson	1000	7	1	1	03/06/18 11:22	Kelly Oneill	1	SEVAP 1, NEVAP 5
WG1094741- 3 LCSD	03/06/18 06:00	Brian Anderson	1000	7	1	1	03/06/18 11:22	Kelly Oneill	1	SEVAP 1, NEVAP 5

Supporting Documentation

WGR: 1093528

SPLP Fluid Lot #: <u>SPLP02271813</u>	1:1 HNO3	Temp(°C)	Unit ID: <u>267</u>	SPLP Fluid ID
prep. date: <u>02-27-18</u> pH: <u>4.21</u>	Lot#: <u>TH403022018</u>	Max: <u>33.9</u>	Min: <u>22.6</u>	(circle one) <u>#1</u> DI

Sample Type (Check Column)			Sample Number	Amt. (g)	SPLP Fluid Vol. (mL)	Tumbler ID.	Date On	Time On	Temp. C° On	Initials	Date Off	Time Off	Temp. C° Off	Initials	pH	1:1 HNO3 (percent)	Filter Initials	Comments
Organic	Metals	Wet Chem.																
X	X		PESP (Prep Blank SPLP)	-	2000	13	3/1/18	17:42	23.6	EYA	3/20/18	09:42	23.3	LF	4.65	2.5mL	LF	30m time pressure before filtering
			L1806872-01	100											10.24			↓ Rush
			-02												10.57			
			-03												10.92			
			-04												9.71			
			-05												10.20			
			-06												10.28			
			-07												9.67			
			-08												9.87			
			-09												10.84			
			-10												9.96			
			-11												9.59			
↓			-12			↓									10.17			
			L1806936-01												10.30			
↓			L1805999-01	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	10.12	↓	↓	

Page Scanned and Saved to TCLPEXT -> SPLPEXT Folder

Initials: _____
 Date: _____

WGA: 1093528

SPLP Fluid Lot #: SPLP022318 B	1:1 HNO3	Temp (°C)	Unit ID: 267	SPLP Fluid ID
prep. date: 02-27-18 pH: 4.21	Lot#: H4403022018	Max: 23.9	Min: 21.6	(circle one) #1 DI

Sample Type (Check Column)			Sample Number	Amt. (g)	SPLP Fluid Vol. (mL)	Tumbler ID	Date On	Time On	Temp. C° On	Initials	Date Off	Time Off	Temp. C° Off	Initials	pH	1:1 HNO ₃ (measured)	Filter Initials	Comments
Organic	Metals	Wet Chem																
X	X		PLSP (Prep Blank SPLP)	—	200g	13	3/1/18	17:42	23.6	EYA	3/2/18	09:42	23.3	LF	4.65	2.5mL	LF	
			L1805999-02	100		5									9.99			
			-03			7									9.93			
			-09												10.27			
			-17												9.85			
			L1807136-01												10.34			Rusty
<p>03/1/18 EYA</p>																		

Page Scanned and Saved to TCLPEXT -> SPLPEXT Folder

Initials: _____

Date: _____

Alpha Report





ANALYTICAL REPORT

Lab Number:	L1806872
Client:	AMEC Foster Wheeler E & I, Inc. 511 Congress Street P.O. Box 7050 Portland, ME 04112-7050
ATTN:	Wolfgang Calicchio
Phone:	(207) 828-3466
Project Name:	STRATFORD ARMY ENGINE PLANT
Project Number:	3616176064.08.01
Report Date:	03/14/18

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1806872-01	SDT-DS-BFT-PC03	SOIL	STRATFORD, CT	02/27/18 11:28	02/28/18
L1806872-02	SDT-DS-BFT-PC06	SOIL	STRATFORD, CT	02/27/18 11:30	02/28/18
L1806872-03	SDT-DS-BFT-PC08	SOIL	STRATFORD, CT	02/27/18 11:32	02/28/18
L1806872-04	SDT-DS-BFT-CC03	SOIL	STRATFORD, CT	02/27/18 11:34	02/28/18
L1806872-05	SDT-DS-BFT-CC06	SOIL	STRATFORD, CT	02/27/18 11:36	02/28/18
L1806872-06	SDT-DS-BFT-CC08	SOIL	STRATFORD, CT	02/27/18 11:38	02/28/18
L1806872-07	SDT-DS-GVT-PC02	SOIL	STRATFORD, CT	02/27/18 11:40	02/28/18
L1806872-08	SDT-DS-GVT-PC04	SOIL	STRATFORD, CT	02/27/18 11:42	02/28/18
L1806872-09	SDT-DS-GVT-PC05	SOIL	STRATFORD, CT	02/27/18 11:44	02/28/18
L1806872-10	SDT-DS-GVT-CC02	SOIL	STRATFORD, CT	02/27/18 11:46	02/28/18
L1806872-11	SDT-DS-GVT-CC04	SOIL	STRATFORD, CT	02/27/18 11:48	02/28/18
L1806872-12	SDT-DS-GVT-CC05	SOIL	STRATFORD, CT	02/27/18 11:50	02/28/18

Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

**CT DEP Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents)?	YES
1a	Were the method specified preservation and holding time requirements met?	YES
1b	VPH & EPH Methods Only: Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)?	N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were all samples received at an appropriate temperature (<6°C)?	YES
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	YES
5a	Were reporting limits specified or referenced on the chain-of-custody?	NO
5b	Were these reporting limits met?	N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	NO
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	NO

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or question B is "No", the data package does not meet the requirements for "Reasonable Confidence".



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

RCP Related Narratives

Report Submission

In reference to question 5a:

Reporting limits were not specified.

TCLP Metals

In reference to question 6:

At the client's request, all submitted samples were not analyzed for the full RCP list of constituents identified in the method specific analyte list presented in the RCP documents.

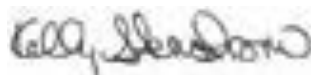
SPLP Metals

In reference to question 6:

At the client's request, all submitted samples were not analyzed for the full RCP list of constituents identified in the method specific analyte list presented in the RCP documents.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenzstrom

Title: Technical Director/Representative

Date: 03/14/18

ORGANICS



PCBS



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-01
 Client ID: SDT-DS-BFT-PC03
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil
 Analytical Method: 105,8270D-SIM/680(M)
 Analytical Date: 03/07/18 22:38
 Analyst: MJS

Date Collected: 02/27/18 11:28
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 03/06/18 06:00

TCLP/SPLP Ext. Date: 03/01/18 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP PCB Homologs by GC/MS-SIM - Mansfield Lab						
Monochlorobiphenyls	ND		ng/l	0.500	0.500	1
Dichlorobiphenyls	16.6		ng/l	0.500	0.500	1
Trichlorobiphenyls	35.4		ng/l	0.500	0.500	1
Tetrachlorobiphenyls	44.4		ng/l	0.500	0.500	1
Pentachlorobiphenyls	ND		ng/l	0.500	0.500	1
Hexachlorobiphenyls	ND		ng/l	0.500	0.500	1
Heptachlorobiphenyls	ND		ng/l	0.500	0.500	1
Octachlorobiphenyls	ND		ng/l	0.500	0.500	1
Nonachlorobiphenyls	ND		ng/l	0.500	0.500	1
Decachlorobiphenyl	ND		ng/l	0.500	0.500	1
Total Homologs	96.4		ng/l	0.500	0.500	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	76		50-125
Cl8-BZ#202-C13	72		50-125



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-02
 Client ID: SDT-DS-BFT-PC06
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil
 Analytical Method: 105,8270D-SIM/680(M)
 Analytical Date: 03/07/18 23:52
 Analyst: MJS

Date Collected: 02/27/18 11:30
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 03/06/18 06:00

TCLP/SPLP Ext. Date: 03/01/18 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP PCB Homologs by GC/MS-SIM - Mansfield Lab						
Monochlorobiphenyls	ND		ng/l	0.500	0.500	1
Dichlorobiphenyls	25.9		ng/l	0.500	0.500	1
Trichlorobiphenyls	99.2		ng/l	0.500	0.500	1
Tetrachlorobiphenyls	98.2		ng/l	0.500	0.500	1
Pentachlorobiphenyls	7.29		ng/l	0.500	0.500	1
Hexachlorobiphenyls	ND		ng/l	0.500	0.500	1
Heptachlorobiphenyls	ND		ng/l	0.500	0.500	1
Octachlorobiphenyls	ND		ng/l	0.500	0.500	1
Nonachlorobiphenyls	ND		ng/l	0.500	0.500	1
Decachlorobiphenyl	ND		ng/l	0.500	0.500	1
Total Homologs	231		ng/l	0.500	0.500	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	83		50-125
Cl8-BZ#202-C13	87		50-125



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-03
 Client ID: SDT-DS-BFT-PC08
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil
 Analytical Method: 105,8270D-SIM/680(M)
 Analytical Date: 03/08/18 03:24
 Analyst: MJS

Date Collected: 02/27/18 11:32
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 03/06/18 06:00

TCLP/SPLP Ext. Date: 03/01/18 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP PCB Homologs by GC/MS-SIM - Mansfield Lab						
Monochlorobiphenyls	ND		ng/l	0.500	0.500	1
Dichlorobiphenyls	27.8		ng/l	0.500	0.500	1
Trichlorobiphenyls	104		ng/l	0.500	0.500	1
Tetrachlorobiphenyls	94.8		ng/l	0.500	0.500	1
Pentachlorobiphenyls	8.21		ng/l	0.500	0.500	1
Hexachlorobiphenyls	1.91		ng/l	0.500	0.500	1
Heptachlorobiphenyls	ND		ng/l	0.500	0.500	1
Octachlorobiphenyls	ND		ng/l	0.500	0.500	1
Nonachlorobiphenyls	ND		ng/l	0.500	0.500	1
Decachlorobiphenyl	ND		ng/l	0.500	0.500	1
Total Homologs	237		ng/l	0.500	0.500	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	80		50-125
Cl8-BZ#202-C13	83		50-125



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-04
 Client ID: SDT-DS-BFT-CC03
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil
 Analytical Method: 105,8270D-SIM/680(M)
 Analytical Date: 03/08/18 04:39
 Analyst: MJS

Date Collected: 02/27/18 11:34
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 03/06/18 06:00

TCLP/SPLP Ext. Date: 03/01/18 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP PCB Homologs by GC/MS-SIM - Mansfield Lab						
Monochlorobiphenyls	ND		ng/l	0.500	0.500	1
Dichlorobiphenyls	22.0		ng/l	0.500	0.500	1
Trichlorobiphenyls	83.9		ng/l	0.500	0.500	1
Tetrachlorobiphenyls	120		ng/l	0.500	0.500	1
Pentachlorobiphenyls	15.3		ng/l	0.500	0.500	1
Hexachlorobiphenyls	5.38		ng/l	0.500	0.500	1
Heptachlorobiphenyls	2.62		ng/l	0.500	0.500	1
Octachlorobiphenyls	ND		ng/l	0.500	0.500	1
Nonachlorobiphenyls	ND		ng/l	0.500	0.500	1
Decachlorobiphenyl	ND		ng/l	0.500	0.500	1
Total Homologs	249		ng/l	0.500	0.500	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	88		50-125
Cl8-BZ#202-C13	89		50-125



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-05
 Client ID: SDT-DS-BFT-CC06
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil
 Analytical Method: 105,8270D-SIM/680(M)
 Analytical Date: 03/08/18 05:53
 Analyst: MJS

Date Collected: 02/27/18 11:36
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 03/06/18 06:00

TCLP/SPLP Ext. Date: 03/01/18 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP PCB Homologs by GC/MS-SIM - Mansfield Lab						
Monochlorobiphenyls	ND		ng/l	0.500	0.500	1
Dichlorobiphenyls	23.3		ng/l	0.500	0.500	1
Trichlorobiphenyls	92.8		ng/l	0.500	0.500	1
Tetrachlorobiphenyls	81.2		ng/l	0.500	0.500	1
Pentachlorobiphenyls	7.24		ng/l	0.500	0.500	1
Hexachlorobiphenyls	1.50		ng/l	0.500	0.500	1
Heptachlorobiphenyls	ND		ng/l	0.500	0.500	1
Octachlorobiphenyls	ND		ng/l	0.500	0.500	1
Nonachlorobiphenyls	ND		ng/l	0.500	0.500	1
Decachlorobiphenyl	ND		ng/l	0.500	0.500	1
Total Homologs	206		ng/l	0.500	0.500	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	77		50-125
Cl8-BZ#202-C13	78		50-125



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-06
 Client ID: SDT-DS-BFT-CC08
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil
 Analytical Method: 105,8270D-SIM/680(M)
 Analytical Date: 03/08/18 07:07
 Analyst: MJS

Date Collected: 02/27/18 11:38
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 03/06/18 06:00

TCLP/SPLP Ext. Date: 03/01/18 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP PCB Homologs by GC/MS-SIM - Mansfield Lab						
Monochlorobiphenyls	ND		ng/l	0.500	0.500	1
Dichlorobiphenyls	24.9		ng/l	0.500	0.500	1
Trichlorobiphenyls	84.3		ng/l	0.500	0.500	1
Tetrachlorobiphenyls	78.7		ng/l	0.500	0.500	1
Pentachlorobiphenyls	7.44		ng/l	0.500	0.500	1
Hexachlorobiphenyls	1.29		ng/l	0.500	0.500	1
Heptachlorobiphenyls	ND		ng/l	0.500	0.500	1
Octachlorobiphenyls	ND		ng/l	0.500	0.500	1
Nonachlorobiphenyls	ND		ng/l	0.500	0.500	1
Decachlorobiphenyl	ND		ng/l	0.500	0.500	1
Total Homologs	197		ng/l	0.500	0.500	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	81		50-125
Cl8-BZ#202-C13	80		50-125



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-07
 Client ID: SDT-DS-GVT-PC02
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil
 Analytical Method: 105,8270D-SIM/680(M)
 Analytical Date: 03/08/18 08:21
 Analyst: MJS

Date Collected: 02/27/18 11:40
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 03/06/18 06:00

TCLP/SPLP Ext. Date: 03/01/18 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP PCB Homologs by GC/MS-SIM - Mansfield Lab						
Monochlorobiphenyls	ND		ng/l	0.500	0.500	1
Dichlorobiphenyls	27.0		ng/l	0.500	0.500	1
Trichlorobiphenyls	166		ng/l	0.500	0.500	1
Tetrachlorobiphenyls	118		ng/l	0.500	0.500	1
Pentachlorobiphenyls	15.8		ng/l	0.500	0.500	1
Hexachlorobiphenyls	4.42		ng/l	0.500	0.500	1
Heptachlorobiphenyls	1.48		ng/l	0.500	0.500	1
Octachlorobiphenyls	ND		ng/l	0.500	0.500	1
Nonachlorobiphenyls	ND		ng/l	0.500	0.500	1
Decachlorobiphenyl	ND		ng/l	0.500	0.500	1
Total Homologs	333		ng/l	0.500	0.500	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	84		50-125
Cl8-BZ#202-C13	86		50-125



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-08
 Client ID: SDT-DS-GVT-PC04
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil
 Analytical Method: 105,8270D-SIM/680(M)
 Analytical Date: 03/08/18 09:35
 Analyst: MJS

Date Collected: 02/27/18 11:42
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 03/06/18 06:00

TCLP/SPLP Ext. Date: 03/01/18 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP PCB Homologs by GC/MS-SIM - Mansfield Lab						
Monochlorobiphenyls	ND		ng/l	0.500	0.500	1
Dichlorobiphenyls	25.2		ng/l	0.500	0.500	1
Trichlorobiphenyls	123		ng/l	0.500	0.500	1
Tetrachlorobiphenyls	84.4		ng/l	0.500	0.500	1
Pentachlorobiphenyls	8.90		ng/l	0.500	0.500	1
Hexachlorobiphenyls	1.51		ng/l	0.500	0.500	1
Heptachlorobiphenyls	ND		ng/l	0.500	0.500	1
Octachlorobiphenyls	ND		ng/l	0.500	0.500	1
Nonachlorobiphenyls	ND		ng/l	0.500	0.500	1
Decachlorobiphenyl	ND		ng/l	0.500	0.500	1
Total Homologs	243		ng/l	0.500	0.500	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	80		50-125
Cl8-BZ#202-C13	80		50-125



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-09
 Client ID: SDT-DS-GVT-PC05
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil
 Analytical Method: 105,8270D-SIM/680(M)
 Analytical Date: 03/08/18 10:49
 Analyst: MJS

Date Collected: 02/27/18 11:44
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 03/06/18 06:00

TCLP/SPLP Ext. Date: 03/01/18 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP PCB Homologs by GC/MS-SIM - Mansfield Lab						
Monochlorobiphenyls	ND		ng/l	0.500	0.500	1
Dichlorobiphenyls	28.5		ng/l	0.500	0.500	1
Trichlorobiphenyls	144		ng/l	0.500	0.500	1
Tetrachlorobiphenyls	108		ng/l	0.500	0.500	1
Pentachlorobiphenyls	11.9		ng/l	0.500	0.500	1
Hexachlorobiphenyls	1.98		ng/l	0.500	0.500	1
Heptachlorobiphenyls	ND		ng/l	0.500	0.500	1
Octachlorobiphenyls	ND		ng/l	0.500	0.500	1
Nonachlorobiphenyls	ND		ng/l	0.500	0.500	1
Decachlorobiphenyl	ND		ng/l	0.500	0.500	1
Total Homologs	294		ng/l	0.500	0.500	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	85		50-125
Cl8-BZ#202-C13	87		50-125



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-10
 Client ID: SDT-DS-GVT-CC02
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil
 Analytical Method: 105,8270D-SIM/680(M)
 Analytical Date: 03/08/18 12:03
 Analyst: MJS

Date Collected: 02/27/18 11:46
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 03/06/18 06:00

TCLP/SPLP Ext. Date: 03/01/18 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP PCB Homologs by GC/MS-SIM - Mansfield Lab						
Monochlorobiphenyls	ND		ng/l	0.500	0.500	1
Dichlorobiphenyls	23.9		ng/l	0.500	0.500	1
Trichlorobiphenyls	102		ng/l	0.500	0.500	1
Tetrachlorobiphenyls	159		ng/l	0.500	0.500	1
Pentachlorobiphenyls	23.3		ng/l	0.500	0.500	1
Hexachlorobiphenyls	5.68		ng/l	0.500	0.500	1
Heptachlorobiphenyls	3.17		ng/l	0.500	0.500	1
Octachlorobiphenyls	3.71		ng/l	0.500	0.500	1
Nonachlorobiphenyls	ND		ng/l	0.500	0.500	1
Decachlorobiphenyl	ND		ng/l	0.500	0.500	1
Total Homologs	321		ng/l	0.500	0.500	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	79		50-125
Cl8-BZ#202-C13	88		50-125



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-11
 Client ID: SDT-DS-GVT-CC04
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil
 Analytical Method: 105,8270D-SIM/680(M)
 Analytical Date: 03/08/18 13:18
 Analyst: MJS

Date Collected: 02/27/18 11:48
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 03/06/18 06:00

TCLP/SPLP Ext. Date: 03/01/18 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP PCB Homologs by GC/MS-SIM - Mansfield Lab						
Monochlorobiphenyls	ND		ng/l	0.500	0.500	1
Dichlorobiphenyls	24.0		ng/l	0.500	0.500	1
Trichlorobiphenyls	103		ng/l	0.500	0.500	1
Tetrachlorobiphenyls	115		ng/l	0.500	0.500	1
Pentachlorobiphenyls	13.8		ng/l	0.500	0.500	1
Hexachlorobiphenyls	2.92		ng/l	0.500	0.500	1
Heptachlorobiphenyls	1.76		ng/l	0.500	0.500	1
Octachlorobiphenyls	ND		ng/l	0.500	0.500	1
Nonachlorobiphenyls	ND		ng/l	0.500	0.500	1
Decachlorobiphenyl	ND		ng/l	0.500	0.500	1
Total Homologs	260		ng/l	0.500	0.500	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	77		50-125
Cl8-BZ#202-C13	85		50-125



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-12
 Client ID: SDT-DS-GVT-CC05
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil
 Analytical Method: 105,8270D-SIM/680(M)
 Analytical Date: 03/08/18 14:32
 Analyst: MJS

Date Collected: 02/27/18 11:50
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 03/06/18 06:00

TCLP/SPLP Ext. Date: 03/01/18 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP PCB Homologs by GC/MS-SIM - Mansfield Lab						
Monochlorobiphenyls	ND		ng/l	0.500	0.500	1
Dichlorobiphenyls	27.2		ng/l	0.500	0.500	1
Trichlorobiphenyls	102		ng/l	0.500	0.500	1
Tetrachlorobiphenyls	118		ng/l	0.500	0.500	1
Pentachlorobiphenyls	11.4		ng/l	0.500	0.500	1
Hexachlorobiphenyls	2.75		ng/l	0.500	0.500	1
Heptachlorobiphenyls	1.03		ng/l	0.500	0.500	1
Octachlorobiphenyls	ND		ng/l	0.500	0.500	1
Nonachlorobiphenyls	ND		ng/l	0.500	0.500	1
Decachlorobiphenyl	ND		ng/l	0.500	0.500	1
Total Homologs	262		ng/l	0.500	0.500	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	84		50-125
Cl8-BZ#202-C13	86		50-125



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 105,8270D-SIM/680(M)
Analytical Date: 03/07/18 12:31
Analyst: MJS
TCLP/SPLP Extraction Date: 03/01/18 17:42

Extraction Method: EPA 3510C
Extraction Date: 03/06/18 06:00

Parameter	Result	Qualifier	Units	RL	MDL
SPLP PCB Homologs by GC/MS-SIM - Mansfield Lab for sample(s): 01-12 Batch: WG1094741-1					
Monochlorobiphenyls	ND		ng/l	0.500	0.500
Dichlorobiphenyls	ND		ng/l	0.500	0.500
Trichlorobiphenyls	ND		ng/l	0.500	0.500
Tetrachlorobiphenyls	ND		ng/l	0.500	0.500
Pentachlorobiphenyls	ND		ng/l	0.500	0.500
Hexachlorobiphenyls	ND		ng/l	0.500	0.500
Heptachlorobiphenyls	ND		ng/l	0.500	0.500
Octachlorobiphenyls	ND		ng/l	0.500	0.500
Nonachlorobiphenyls	ND		ng/l	0.500	0.500
Decachlorobiphenyl	ND		ng/l	0.500	0.500
Total Homologs	ND		ng/l	0.500	0.500

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Cl3-BZ#19-C13	87		50-125
Cl8-BZ#202-C13	83		50-125



Lab Control Sample Analysis

Batch Quality Control

Project Name: STRATFORD ARMY ENGINE PLANT

Lab Number: L1806872

Project Number: 3616176064.08.01

Report Date: 03/14/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
SPLP PCB Homologs by GC/MS-SIM - Mansfield Lab Associated sample(s): 01-12 Batch: WG1094741-2 WG1094741-3								
Cl1-BZ#1	86		78		40-140	10		30
Cl1-BZ#2	83		76		40-140	9		30
CL1-BZ#3	83		77		40-140	8		30
Cl2-BZ#4/#10	86		78		40-140	10		30
Cl2-BZ#9	84		76		40-140	10		30
Cl2-BZ#7	85		78		40-140	9		30
Cl2-BZ#6	83		76		40-140	9		30
Cl2-BZ#5	83		76		40-140	9		30
Cl2-BZ#8	84		77		40-140	9		30
Cl3-BZ#19	84		75		40-140	11		30
Cl2-BZ#14	83		76		40-140	9		30
Cl3-BZ#30	84		76		40-140	10		30
Cl3-BZ#18	82		74		40-140	10		30
Cl2-BZ#11	84		78		40-140	7		30
Cl3-BZ#17	84		76		40-140	10		30
Cl2-BZ#12	84		77		40-140	9		30
Cl3-BZ#27	84		76		40-140	10		30
Cl2-BZ#13	83		76		40-140	9		30
Cl3-BZ#24	85		77		40-140	10		30
Cl3-BZ#16	82		75		40-140	9		30
Cl3-BZ#32	83		76		40-140	9		30
Cl2-BZ#15	80		75		40-140	6		30
Cl3-BZ#34	84		76		40-140	10		30



Lab Control Sample Analysis

Batch Quality Control

Project Name: STRATFORD ARMY ENGINE PLANT

Lab Number: L1806872

Project Number: 3616176064.08.01

Report Date: 03/14/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP PCB Homologs by GC/MS-SIM - Mansfield Lab Associated sample(s): 01-12 Batch: WG1094741-2 WG1094741-3								
Cl3-BZ#23	86		78		40-140	10		30
Cl4-BZ#54	86		77		40-140	11		30
Cl3-BZ#29	84		76		40-140	10		30
Cl4-BZ#50	84		76		40-140	10		30
Cl3-BZ#26	84		76		40-140	10		30
Cl3-BZ#25	83		76		40-140	9		30
Cl4-BZ#53	84		76		40-140	10		30
Cl3-BZ#-31	82		75		40-140	9		30
Cl3-BZ#28	84		71		40-140	17		30
Cl3-BZ#33	88		91		40-140	3		30
Cl4-BZ#51	86		79		40-140	8		30
Cl3-BZ#21/#20	86		77		40-140	11		30
Cl4-BZ#45	85		77		40-140	10		30
Cl3-BZ#22	85		78		40-140	9		30
Cl4-BZ#73/#46	86		79		40-140	8		30
Cl4-BZ#69	86		75		40-140	14		30
Cl4-BZ#43	84		81		40-140	4		30
Cl3-BZ#36	89		81		40-140	9		30
Cl4-BZ#52	84		76		40-140	10		30
Cl4-BZ#48	87		79		40-140	10		30
Cl4-BZ#49	84		76		40-140	10		30
Cl5-BZ#104	86		78		40-140	10		30
Cl4-BZ#47	81		75		40-140	8		30



Lab Control Sample Analysis

Batch Quality Control

Project Name: STRATFORD ARMY ENGINE PLANT

Lab Number: L1806872

Project Number: 3616176064.08.01

Report Date: 03/14/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP PCB Homologs by GC/MS-SIM - Mansfield Lab Associated sample(s): 01-12 Batch: WG1094741-2 WG1094741-3								
Cl4-BZ#65/#75/#62	88		79		40-140	11		30
Cl3-BZ#39	85		79		40-140	7		30
Cl3-BZ#38	89		82		40-140	8		30
Cl4-BZ#44	85		76		40-140	11		30
Cl4-BZ#59	83		76		40-140	9		30
Cl4-BZ#42	88		79		40-140	11		30
Cl4-BZ#71	85		78		40-140	9		30
Cl3-BZ#35	86		80		40-140	7		30
Cl4-BZ#41	88		80		40-140	10		30
Cl4-BZ#72	89		82		40-140	8		30
Cl5-BZ#96	88		80		40-140	10		30
Cl5-BZ#103	90		82		40-140	9		30
Cl4-BZ#68/#64	89		81		40-140	9		30
Cl4-BZ#40	87		79		40-140	10		30
Cl3-BZ#37	86		80		40-140	7		30
Cl5-BZ#100	88		82		40-140	7		30
Cl5-BZ#94	92		85		40-140	8		30
Cl4-BZ#57	87		79		40-140	10		30
Cl4-BZ#67/#58	89		82		40-140	8		30
Cl5-BZ#102	90		83		40-140	8		30
Cl4-BZ#61	87		80		40-140	8		30
Cl5-BZ#98	89		81		40-140	9		30
Cl4-BZ#76	92		85		40-140	8		30



Lab Control Sample Analysis

Batch Quality Control

Project Name: STRATFORD ARMY ENGINE PLANT

Lab Number: L1806872

Project Number: 3616176064.08.01

Report Date: 03/14/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
SPLP PCB Homologs by GC/MS-SIM - Mansfield Lab Associated sample(s): 01-12 Batch: WG1094741-2 WG1094741-3								
Cl5-BZ#93	89		82		40-140	8		30
Cl4-BZ#63	85		78		40-140	9		30
Cl5-BZ#121/#95/#88	92		84		40-140	9		30
Cl4-BZ#74	87		81		40-140	7		30
Cl6-BZ#155	88		81		40-140	8		30
Cl4-BZ#70	89		81		40-140	9		30
Cl5-BZ#91	88		81		40-140	8		30
Cl4-BZ#66	88		82		40-140	7		30
Cl4-BZ#80	88		82		40-140	7		30
Cl4-BZ#55	89		82		40-140	8		30
Cl5-BZ#92	90		83		40-140	8		30
Cl5-BZ#89/#84	90		81		40-140	11		30
Cl5-BZ#101/#90	87		82		40-140	6		30
Cl4-BZ#56	90		83		40-140	8		30
Cl5-BZ#113	97		89		40-140	9		30
Cl5-BZ#99	88		83		40-140	6		30
Cl6-BZ#150	89		83		40-140	7		30
Cl4-BZ#60	89		83		40-140	7		30
Cl6-BZ#152	88		82		40-140	7		30
Cl5-BZ#119	94		89		40-140	5		30
Cl5-BZ#83/#125/#112	93		86		40-140	8		30
Cl5-BZ#86/#109	87		81		40-140	7		30
Cl6-BZ#145	90		83		40-140	8		30



Lab Control Sample Analysis

Batch Quality Control

Project Name: STRATFORD ARMY ENGINE PLANT

Lab Number: L1806872

Project Number: 3616176064.08.01

Report Date: 03/14/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP PCB Homologs by GC/MS-SIM - Mansfield Lab Associated sample(s): 01-12 Batch: WG1094741-2 WG1094741-3								
Cl5-BZ#97	94		87		40-140	8		30
Cl6-BZ#148	90		84		40-140	7		30
Cl4-BZ#79	89		85		40-140	5		30
Cl5-BZ#116	89		83		40-140	7		30
Cl6-BZ#154	90		84		40-140	7		30
Cl4-BZ#78	89		86		40-140	3		30
Cl5-BZ#87/#111	94		89		40-140	5		30
Cl6-BZ#136	91		84		40-140	8		30
Cl5-BZ#117	84		79		40-140	6		30
Cl5-BZ#115	101		96		40-140	5		30
Cl5-BZ#85	84		79		40-140	6		30
Cl5-BZ#120	92		87		40-140	6		30
Cl5-BZ#110	88		84		40-140	5		30
Cl4-BZ#81	87		84		40-140	4		30
Cl6-BZ#151	87		85		40-140	2		30
Cl6-BZ#135	90		88		40-140	2		30
Cl5-BZ#82	91		90		40-140	1		30
Cl6-BZ#144	89		87		40-140	2		30
Cl6-BZ#147/#149	89		88		40-140	1		30
Cl4-BZ#77	86		88		40-140	2		30
Cl6-BZ#143/#139	90		90		40-140	0		30
Cl5-BZ#124	91		90		40-140	1		30
Cl6-BZ#140	91		89		40-140	2		30



Lab Control Sample Analysis

Batch Quality Control

Project Name: STRATFORD ARMY ENGINE PLANT

Lab Number: L1806872

Project Number: 3616176064.08.01

Report Date: 03/14/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP PCB Homologs by GC/MS-SIM - Mansfield Lab Associated sample(s): 01-12 Batch: WG1094741-2 WG1094741-3								
Cl5-BZ#108	99		98		40-140	1		30
Cl5-BZ#107/#123	89		88		40-140	1		30
Cl7-BZ#188	92		89		40-140	3		30
Cl6-BZ#134	90		88		40-140	2		30
Cl5-BZ#106	97		83		40-140	16		30
Cl6-BZ#133	103		102		40-140	1		30
Cl6-BZ#142	72		68		40-140	6		30
Cl5-BZ#118	91		91		40-140	0		30
Cl6-BZ#131	91		90		40-140	1		30
Cl7-BZ#184	90		88		40-140	2		30
Cl6-BZ#165	92		92		40-140	0		30
Cl6-BZ#146	87		86		40-140	1		30
Cl6-BZ#161	92		91		40-140	1		30
Cl5-BZ#122	92		92		40-140	0		30
Cl6-BZ#168	100		82		40-140	20		30
Cl5-BZ#114	91		92		40-140	1		30
Cl6-BZ#153	78		100		40-140	25		30
Cl6-BZ#132	88		88		40-140	0		30
Cl7-BZ#179	86		86		40-140	0		30
Cl6-BZ#141	89		88		40-140	1		30
Cl7-BZ#176	87		87		40-140	0		30
Cl5-BZ#105	86		86		40-140	0		30
Cl6-BZ#137	91		90		40-140	1		30



Lab Control Sample Analysis

Batch Quality Control

Project Name: STRATFORD ARMY ENGINE PLANT

Lab Number: L1806872

Project Number: 3616176064.08.01

Report Date: 03/14/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
SPLP PCB Homologs by GC/MS-SIM - Mansfield Lab Associated sample(s): 01-12 Batch: WG1094741-2 WG1094741-3								
Cl5-BZ#127	88		89		40-140	1		30
Cl7-BZ#186	90		89		40-140	1		30
Cl6-BZ#130/#164	92		92		40-140	0		30
Cl7-BZ#178	88		89		40-140	1		30
Cl6-BZ#138	94		95		40-140	1		30
Cl6-BZ#163/#160	93		94		40-140	1		30
Cl6-BZ#129/#158	88		88		40-140	0		30
Cl7-BZ#182/#175	93		92		40-140	1		30
Cl7-BZ#187	88		89		40-140	1		30
Cl7-BZ#183	89		89		40-140	0		30
Cl6-BZ#166	88		88		40-140	0		30
Cl6-BZ#159	90		90		40-140	0		30
Cl5-BZ#126	90		93		40-140	3		30
Cl7-BZ#185	90		89		40-140	1		30
Cl6-BZ#162	93		93		40-140	0		30
Cl7-BZ#174	90		91		40-140	1		30
Cl6-BZ#128	92		92		40-140	0		30
Cl8-BZ#202	91		92		40-140	1		30
Cl6-BZ#167	90		91		40-140	1		30
Cl7-BZ#181	93		93		40-140	0		30
Cl7-BZ#177	91		91		40-140	0		30
Cl8-BZ#204/#200-CAL	91		90		40-140	1		30
Cl7-BZ#171	90		92		40-140	2		30



Lab Control Sample Analysis

Batch Quality Control

Project Name: STRATFORD ARMY ENGINE PLANT

Lab Number: L1806872

Project Number: 3616176064.08.01

Report Date: 03/14/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP PCB Homologs by GC/MS-SIM - Mansfield Lab Associated sample(s): 01-12 Batch: WG1094741-2 WG1094741-3								
Cl7-BZ#173	89		90		40-140	1		30
Cl8-BZ#197	90		90		40-140	0		30
Cl7-BZ#172	89		90		40-140	1		30
Cl7-BZ#192	90		92		40-140	2		30
Cl6-BZ#156	90		92		40-140	2		30
Cl6-BZ#157	88		91		40-140	3		30
Cl7-BZ#180	90		91		40-140	1		30
Cl7-BZ#193	87		88		40-140	1		30
Cl8-BZ#199	88		88		40-140	0		30
Cl7-BZ#191	89		90		40-140	1		30
Cl8-BZ#198	86		88		40-140	2		30
Cl8-BZ#201	89		90		40-140	1		30
Cl7-BZ#170	87		90		40-140	3		30
Cl7-BZ#190	90		92		40-140	2		30
Cl8-BZ#196	98		100		40-140	2		30
Cl8-BZ#203	82		82		40-140	0		30
Cl6-BZ#169	87		92		40-140	6		30
Cl9-BZ#208	83		85		40-140	2		30
Cl9-BZ#207	87		88		40-140	1		30
Cl7-BZ#189	88		92		40-140	4		30
Cl8-BZ#195	86		88		40-140	2		30
Cl8-BZ#194	84		87		40-140	4		30
Cl8-BZ#205	84		86		40-140	2		30



Lab Control Sample Analysis

Batch Quality Control

Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP PCB Homologs by GC/MS-SIM - Mansfield Lab Associated sample(s): 01-12 Batch: WG1094741-2 WG1094741-3								
Cl9-BZ#206	83		86		40-140	4		30
Cl10-BZ#209	82		85		40-140	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Cl3-BZ#19-C13	88		79		50-125
Cl8-BZ#202-C13	90		89		50-125



METALS



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-01
 Client ID: SDT-DS-BFT-PC03
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:28
 Date Received: 02/28/18
 Field Prep: Not Specified
 TCLP/SPLP Ext. Date: 03/01/18 05:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP TCLP Metals - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	03/02/18 16:33	03/10/18 09:16	EPA 3015	79,6010C	AB
Barium, TCLP	0.178	J	mg/l	0.500	0.021	1	03/02/18 16:33	03/10/18 09:16	EPA 3015	79,6010C	AB
Cadmium, TCLP	0.054	J	mg/l	0.100	0.010	1	03/02/18 16:33	03/10/18 09:16	EPA 3015	79,6010C	AB
Chromium, TCLP	0.147	J	mg/l	0.200	0.021	1	03/02/18 16:33	03/10/18 09:16	EPA 3015	79,6010C	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	03/02/18 16:33	03/10/18 09:16	EPA 3015	79,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0002	1	03/07/18 15:40	03/08/18 15:19	EPA 7470A	79,7470A	MG
Selenium, TCLP	ND		mg/l	0.500	0.035	1	03/02/18 16:33	03/10/18 09:16	EPA 3015	79,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	03/02/18 16:33	03/10/18 09:16	EPA 3015	79,6010C	AB



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-01
 Client ID: SDT-DS-BFT-PC03
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:28
 Date Received: 02/28/18
 Field Prep: Not Specified
 TCLP/SPLP Ext. Date: 03/01/18 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP SPLP Metals - Mansfield Lab											
Arsenic, SPLP	0.0090		mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 16:22	EPA 3005A	79,6020A	AM
Cadmium, SPLP	ND		mg/l	0.002	0.001	10	03/03/18 17:00	03/07/18 16:22	EPA 3005A	79,6020A	AM
Chromium, SPLP	0.020		mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 16:22	EPA 3005A	79,6020A	AM
Copper, SPLP	0.460		mg/l	0.010	0.004	10	03/03/18 17:00	03/07/18 16:22	EPA 3005A	79,6020A	AM
Lead, SPLP	ND		mg/l	0.010	0.003	10	03/03/18 17:00	03/07/18 16:22	EPA 3005A	79,6020A	AM
Mercury, SPLP	ND		mg/l	0.0010	0.0001	1	03/07/18 15:40	03/08/18 15:46	EPA 7470A	79,7470A	MG
Nickel, SPLP	0.018	J	mg/l	0.020	0.006	10	03/03/18 17:00	03/07/18 16:22	EPA 3005A	79,6020A	AM
Silver, SPLP	ND		mg/l	0.004	0.002	10	03/03/18 17:00	03/07/18 16:22	EPA 3005A	79,6020A	AM
Zinc, SPLP	ND		mg/l	0.100	0.034	10	03/03/18 17:00	03/07/18 16:22	EPA 3005A	79,6020A	AM



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-02
 Client ID: SDT-DS-BFT-PC06
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:30
 Date Received: 02/28/18
 Field Prep: Not Specified
 TCLP/SPLP Ext. Date: 03/01/18 05:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP TCLP Metals - Mansfield Lab											
Arsenic, TCLP	0.042	J	mg/l	1.00	0.019	1	03/02/18 16:33	03/10/18 13:23	EPA 3015	79,6010C	AB
Barium, TCLP	0.139	J	mg/l	0.500	0.021	1	03/02/18 16:33	03/10/18 13:23	EPA 3015	79,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	03/02/18 16:33	03/10/18 13:23	EPA 3015	79,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	03/02/18 16:33	03/10/18 13:23	EPA 3015	79,6010C	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	03/02/18 16:33	03/10/18 13:23	EPA 3015	79,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0002	1	03/07/18 15:40	03/08/18 15:21	EPA 7470A	79,7470A	MG
Selenium, TCLP	0.035	J	mg/l	0.500	0.035	1	03/02/18 16:33	03/10/18 13:23	EPA 3015	79,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	03/02/18 16:33	03/10/18 13:23	EPA 3015	79,6010C	AB



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-02
 Client ID: SDT-DS-BFT-PC06
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:30
 Date Received: 02/28/18
 Field Prep: Not Specified
 TCLP/SPLP Ext. Date: 03/01/18 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP SPLP Metals - Mansfield Lab											
Arsenic, SPLP	0.0046	J	mg/l	0.0050	0.0017	10	03/03/18 17:00	03/07/18 16:33	EPA 3005A	79,6020A	AM
Cadmium, SPLP	ND		mg/l	0.002	0.001	10	03/03/18 17:00	03/07/18 16:33	EPA 3005A	79,6020A	AM
Chromium, SPLP	0.046		mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 16:33	EPA 3005A	79,6020A	AM
Copper, SPLP	0.432		mg/l	0.010	0.004	10	03/03/18 17:00	03/07/18 16:33	EPA 3005A	79,6020A	AM
Lead, SPLP	ND		mg/l	0.010	0.003	10	03/03/18 17:00	03/07/18 16:33	EPA 3005A	79,6020A	AM
Mercury, SPLP	ND		mg/l	0.0010	0.0001	1	03/07/18 15:40	03/08/18 15:48	EPA 7470A	79,7470A	MG
Nickel, SPLP	0.028		mg/l	0.020	0.006	10	03/03/18 17:00	03/07/18 16:33	EPA 3005A	79,6020A	AM
Silver, SPLP	ND		mg/l	0.004	0.002	10	03/03/18 17:00	03/07/18 16:33	EPA 3005A	79,6020A	AM
Zinc, SPLP	ND		mg/l	0.100	0.034	10	03/03/18 17:00	03/07/18 16:33	EPA 3005A	79,6020A	AM



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-03
 Client ID: SDT-DS-BFT-PC08
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:32
 Date Received: 02/28/18
 Field Prep: Not Specified
 TCLP/SPLP Ext. Date: 03/01/18 05:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP TCLP Metals - Mansfield Lab											
Arsenic, TCLP	0.045	J	mg/l	1.00	0.019	1	03/02/18 16:33	03/10/18 13:27	EPA 3015	79,6010C	AB
Barium, TCLP	0.116	J	mg/l	0.500	0.021	1	03/02/18 16:33	03/10/18 13:27	EPA 3015	79,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	03/02/18 16:33	03/10/18 13:27	EPA 3015	79,6010C	AB
Chromium, TCLP	0.024	J	mg/l	0.200	0.021	1	03/02/18 16:33	03/10/18 13:27	EPA 3015	79,6010C	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	03/02/18 16:33	03/10/18 13:27	EPA 3015	79,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0002	1	03/07/18 15:40	03/08/18 15:22	EPA 7470A	79,7470A	MG
Selenium, TCLP	0.037	J	mg/l	0.500	0.035	1	03/02/18 16:33	03/10/18 13:27	EPA 3015	79,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	03/02/18 16:33	03/10/18 13:27	EPA 3015	79,6010C	AB



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-03
 Client ID: SDT-DS-BFT-PC08
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:32
 Date Received: 02/28/18
 Field Prep: Not Specified
 TCLP/SPLP Ext. Date: 03/01/18 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP SPLP Metals - Mansfield Lab											
Arsenic, SPLP	0.003	J	mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 16:37	EPA 3005A	79,6020A	AM
Cadmium, SPLP	ND		mg/l	0.002	0.001	10	03/03/18 17:00	03/07/18 16:37	EPA 3005A	79,6020A	AM
Chromium, SPLP	0.086		mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 16:37	EPA 3005A	79,6020A	AM
Copper, SPLP	0.638		mg/l	0.010	0.004	10	03/03/18 17:00	03/07/18 16:37	EPA 3005A	79,6020A	AM
Lead, SPLP	ND		mg/l	0.010	0.003	10	03/03/18 17:00	03/07/18 16:37	EPA 3005A	79,6020A	AM
Mercury, SPLP	ND		mg/l	0.0010	0.0001	1	03/07/18 15:40	03/08/18 15:50	EPA 7470A	79,7470A	MG
Nickel, SPLP	0.053		mg/l	0.020	0.006	10	03/03/18 17:00	03/07/18 16:37	EPA 3005A	79,6020A	AM
Silver, SPLP	ND		mg/l	0.004	0.002	10	03/03/18 17:00	03/07/18 16:37	EPA 3005A	79,6020A	AM
Zinc, SPLP	ND		mg/l	0.100	0.034	10	03/03/18 17:00	03/07/18 16:37	EPA 3005A	79,6020A	AM



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-04
 Client ID: SDT-DS-BFT-CC03
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:34
 Date Received: 02/28/18
 Field Prep: Not Specified
 TCLP/SPLP Ext. Date: 03/01/18 05:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP TCLP Metals - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	03/02/18 16:33	03/10/18 13:32	EPA 3015	79,6010C	AB
Barium, TCLP	0.089	J	mg/l	0.500	0.021	1	03/02/18 16:33	03/10/18 13:32	EPA 3015	79,6010C	AB
Cadmium, TCLP	0.043	J	mg/l	0.100	0.010	1	03/02/18 16:33	03/10/18 13:32	EPA 3015	79,6010C	AB
Chromium, TCLP	0.073	J	mg/l	0.200	0.021	1	03/02/18 16:33	03/10/18 13:32	EPA 3015	79,6010C	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	03/02/18 16:33	03/10/18 13:32	EPA 3015	79,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0002	1	03/07/18 15:40	03/08/18 15:24	EPA 7470A	79,7470A	MG
Selenium, TCLP	ND		mg/l	0.500	0.035	1	03/02/18 16:33	03/10/18 13:32	EPA 3015	79,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	03/02/18 16:33	03/10/18 13:32	EPA 3015	79,6010C	AB



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-04
 Client ID: SDT-DS-BFT-CC03
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:34
 Date Received: 02/28/18
 Field Prep: Not Specified
 TCLP/SPLP Ext. Date: 03/01/18 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP SPLP Metals - Mansfield Lab											
Arsenic, SPLP	0.011		mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 16:41	EPA 3005A	79,6020A	AM
Cadmium, SPLP	ND		mg/l	0.002	0.001	10	03/03/18 17:00	03/07/18 16:41	EPA 3005A	79,6020A	AM
Chromium, SPLP	0.021		mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 16:41	EPA 3005A	79,6020A	AM
Copper, SPLP	0.175		mg/l	0.010	0.004	10	03/03/18 17:00	03/07/18 16:41	EPA 3005A	79,6020A	AM
Lead, SPLP	ND		mg/l	0.010	0.003	10	03/03/18 17:00	03/07/18 16:41	EPA 3005A	79,6020A	AM
Mercury, SPLP	ND		mg/l	0.0010	0.0001	1	03/07/18 15:40	03/08/18 15:52	EPA 7470A	79,7470A	MG
Nickel, SPLP	0.011	J	mg/l	0.020	0.006	10	03/03/18 17:00	03/07/18 16:41	EPA 3005A	79,6020A	AM
Silver, SPLP	ND		mg/l	0.004	0.002	10	03/03/18 17:00	03/07/18 16:41	EPA 3005A	79,6020A	AM
Zinc, SPLP	ND		mg/l	0.100	0.034	10	03/03/18 17:00	03/07/18 16:41	EPA 3005A	79,6020A	AM



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-05
 Client ID: SDT-DS-BFT-CC06
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:36
 Date Received: 02/28/18
 Field Prep: Not Specified
 TCLP/SPLP Ext. Date: 03/01/18 05:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP TCLP Metals - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	03/02/18 16:33	03/10/18 13:37	EPA 3015	79,6010C	AB
Barium, TCLP	0.115	J	mg/l	0.500	0.021	1	03/02/18 16:33	03/10/18 13:37	EPA 3015	79,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	03/02/18 16:33	03/10/18 13:37	EPA 3015	79,6010C	AB
Chromium, TCLP	0.040	J	mg/l	0.200	0.021	1	03/02/18 16:33	03/10/18 13:37	EPA 3015	79,6010C	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	03/02/18 16:33	03/10/18 13:37	EPA 3015	79,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0002	1	03/07/18 15:40	03/08/18 15:26	EPA 7470A	79,7470A	MG
Selenium, TCLP	ND		mg/l	0.500	0.035	1	03/02/18 16:33	03/10/18 13:37	EPA 3015	79,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	03/02/18 16:33	03/10/18 13:37	EPA 3015	79,6010C	AB



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-05
 Client ID: SDT-DS-BFT-CC06
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:36
 Date Received: 02/28/18
 Field Prep: Not Specified
 TCLP/SPLP Ext. Date: 03/01/18 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP SPLP Metals - Mansfield Lab											
Arsenic, SPLP	0.006		mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 16:45	EPA 3005A	79,6020A	AM
Cadmium, SPLP	ND		mg/l	0.002	0.001	10	03/03/18 17:00	03/07/18 16:45	EPA 3005A	79,6020A	AM
Chromium, SPLP	0.054		mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 16:45	EPA 3005A	79,6020A	AM
Copper, SPLP	0.860		mg/l	0.010	0.004	10	03/03/18 17:00	03/07/18 16:45	EPA 3005A	79,6020A	AM
Lead, SPLP	ND		mg/l	0.010	0.003	10	03/03/18 17:00	03/07/18 16:45	EPA 3005A	79,6020A	AM
Mercury, SPLP	ND		mg/l	0.0010	0.0001	1	03/07/18 15:40	03/08/18 16:12	EPA 7470A	79,7470A	MG
Nickel, SPLP	0.039		mg/l	0.020	0.006	10	03/03/18 17:00	03/07/18 16:45	EPA 3005A	79,6020A	AM
Silver, SPLP	ND		mg/l	0.004	0.002	10	03/03/18 17:00	03/07/18 16:45	EPA 3005A	79,6020A	AM
Zinc, SPLP	ND		mg/l	0.100	0.034	10	03/03/18 17:00	03/07/18 16:45	EPA 3005A	79,6020A	AM



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-06
 Client ID: SDT-DS-BFT-CC08
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:38
 Date Received: 02/28/18
 Field Prep: Not Specified
 TCLP/SPLP Ext. Date: 03/01/18 05:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP TCLP Metals - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	03/02/18 16:33	03/10/18 13:42	EPA 3015	79,6010C	AB
Barium, TCLP	0.092	J	mg/l	0.500	0.021	1	03/02/18 16:33	03/10/18 13:42	EPA 3015	79,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	03/02/18 16:33	03/10/18 13:42	EPA 3015	79,6010C	AB
Chromium, TCLP	0.033	J	mg/l	0.200	0.021	1	03/02/18 16:33	03/10/18 13:42	EPA 3015	79,6010C	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	03/02/18 16:33	03/10/18 13:42	EPA 3015	79,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0002	1	03/07/18 15:40	03/08/18 15:27	EPA 7470A	79,7470A	MG
Selenium, TCLP	ND		mg/l	0.500	0.035	1	03/02/18 16:33	03/10/18 13:42	EPA 3015	79,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	03/02/18 16:33	03/10/18 13:42	EPA 3015	79,6010C	AB



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-06
 Client ID: SDT-DS-BFT-CC08
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:38
 Date Received: 02/28/18
 Field Prep: Not Specified
 TCLP/SPLP Ext. Date: 03/01/18 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP SPLP Metals - Mansfield Lab											
Arsenic, SPLP	0.006		mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 16:49	EPA 3005A	79,6020A	AM
Cadmium, SPLP	ND		mg/l	0.002	0.001	10	03/03/18 17:00	03/07/18 16:49	EPA 3005A	79,6020A	AM
Chromium, SPLP	0.053		mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 16:49	EPA 3005A	79,6020A	AM
Copper, SPLP	0.824		mg/l	0.010	0.004	10	03/03/18 17:00	03/07/18 16:49	EPA 3005A	79,6020A	AM
Lead, SPLP	ND		mg/l	0.010	0.003	10	03/03/18 17:00	03/07/18 16:49	EPA 3005A	79,6020A	AM
Mercury, SPLP	ND		mg/l	0.0010	0.0001	1	03/07/18 15:40	03/08/18 16:13	EPA 7470A	79,7470A	MG
Nickel, SPLP	0.043		mg/l	0.020	0.006	10	03/03/18 17:00	03/07/18 16:49	EPA 3005A	79,6020A	AM
Silver, SPLP	ND		mg/l	0.004	0.002	10	03/03/18 17:00	03/07/18 16:49	EPA 3005A	79,6020A	AM
Zinc, SPLP	ND		mg/l	0.100	0.034	10	03/03/18 17:00	03/07/18 16:49	EPA 3005A	79,6020A	AM



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-07
 Client ID: SDT-DS-GVT-PC02
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:40
 Date Received: 02/28/18
 Field Prep: Not Specified
 TCLP/SPLP Ext. Date: 03/01/18 05:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP TCLP Metals - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	03/02/18 16:33	03/10/18 13:46	EPA 3015	79,6010C	AB
Barium, TCLP	0.146	J	mg/l	0.500	0.021	1	03/02/18 16:33	03/10/18 13:46	EPA 3015	79,6010C	AB
Cadmium, TCLP	0.042	J	mg/l	0.100	0.010	1	03/02/18 16:33	03/10/18 13:46	EPA 3015	79,6010C	AB
Chromium, TCLP	0.144	J	mg/l	0.200	0.021	1	03/02/18 16:33	03/10/18 13:46	EPA 3015	79,6010C	AB
Lead, TCLP	0.045	J	mg/l	0.500	0.027	1	03/02/18 16:33	03/10/18 13:46	EPA 3015	79,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0002	1	03/07/18 15:40	03/08/18 15:29	EPA 7470A	79,7470A	MG
Selenium, TCLP	ND		mg/l	0.500	0.035	1	03/02/18 16:33	03/10/18 13:46	EPA 3015	79,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	03/02/18 16:33	03/10/18 13:46	EPA 3015	79,6010C	AB



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-07
 Client ID: SDT-DS-GVT-PC02
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:40
 Date Received: 02/28/18
 Field Prep: Not Specified
 TCLP/SPLP Ext. Date: 03/01/18 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP SPLP Metals - Mansfield Lab											
Arsenic, SPLP	0.013		mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 16:53	EPA 3005A	79,6020A	AM
Cadmium, SPLP	ND		mg/l	0.002	0.001	10	03/03/18 17:00	03/07/18 16:53	EPA 3005A	79,6020A	AM
Chromium, SPLP	0.011		mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 16:53	EPA 3005A	79,6020A	AM
Copper, SPLP	0.159		mg/l	0.010	0.004	10	03/03/18 17:00	03/07/18 16:53	EPA 3005A	79,6020A	AM
Lead, SPLP	ND		mg/l	0.010	0.003	10	03/03/18 17:00	03/07/18 16:53	EPA 3005A	79,6020A	AM
Mercury, SPLP	ND		mg/l	0.0010	0.0001	1	03/07/18 15:40	03/08/18 16:15	EPA 7470A	79,7470A	MG
Nickel, SPLP	ND		mg/l	0.020	0.006	10	03/03/18 17:00	03/07/18 16:53	EPA 3005A	79,6020A	AM
Silver, SPLP	ND		mg/l	0.004	0.002	10	03/03/18 17:00	03/07/18 16:53	EPA 3005A	79,6020A	AM
Zinc, SPLP	ND		mg/l	0.100	0.034	10	03/03/18 17:00	03/07/18 16:53	EPA 3005A	79,6020A	AM



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-08
 Client ID: SDT-DS-GVT-PC04
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:42
 Date Received: 02/28/18
 Field Prep: Not Specified
 TCLP/SPLP Ext. Date: 03/01/18 05:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP TCLP Metals - Mansfield Lab											
Arsenic, TCLP	0.033	J	mg/l	1.00	0.019	1	03/02/18 16:33	03/10/18 13:51	EPA 3015	79,6010C	AB
Barium, TCLP	0.157	J	mg/l	0.500	0.021	1	03/02/18 16:33	03/10/18 13:51	EPA 3015	79,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	03/02/18 16:33	03/10/18 13:51	EPA 3015	79,6010C	AB
Chromium, TCLP	0.111	J	mg/l	0.200	0.021	1	03/02/18 16:33	03/10/18 13:51	EPA 3015	79,6010C	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	03/02/18 16:33	03/10/18 13:51	EPA 3015	79,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0002	1	03/07/18 15:40	03/08/18 15:31	EPA 7470A	79,7470A	MG
Selenium, TCLP	ND		mg/l	0.500	0.035	1	03/02/18 16:33	03/10/18 13:51	EPA 3015	79,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	03/02/18 16:33	03/10/18 13:51	EPA 3015	79,6010C	AB



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-08
 Client ID: SDT-DS-GVT-PC04
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:42
 Date Received: 02/28/18
 Field Prep: Not Specified
 TCLP/SPLP Ext. Date: 03/01/18 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP SPLP Metals - Mansfield Lab											
Arsenic, SPLP	0.005		mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 16:57	EPA 3005A	79,6020A	AM
Cadmium, SPLP	ND		mg/l	0.002	0.001	10	03/03/18 17:00	03/07/18 16:57	EPA 3005A	79,6020A	AM
Chromium, SPLP	0.029		mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 16:57	EPA 3005A	79,6020A	AM
Copper, SPLP	0.277		mg/l	0.010	0.004	10	03/03/18 17:00	03/07/18 16:57	EPA 3005A	79,6020A	AM
Lead, SPLP	ND		mg/l	0.010	0.003	10	03/03/18 17:00	03/07/18 16:57	EPA 3005A	79,6020A	AM
Mercury, SPLP	ND		mg/l	0.0010	0.0001	1	03/07/18 15:40	03/08/18 16:17	EPA 7470A	79,7470A	MG
Nickel, SPLP	0.015	J	mg/l	0.020	0.006	10	03/03/18 17:00	03/07/18 16:57	EPA 3005A	79,6020A	AM
Silver, SPLP	ND		mg/l	0.004	0.002	10	03/03/18 17:00	03/07/18 16:57	EPA 3005A	79,6020A	AM
Zinc, SPLP	ND		mg/l	0.100	0.034	10	03/03/18 17:00	03/07/18 16:57	EPA 3005A	79,6020A	AM



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-09
 Client ID: SDT-DS-GVT-PC05
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:44
 Date Received: 02/28/18
 Field Prep: Not Specified
 TCLP/SPLP Ext. Date: 03/01/18 05:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP TCLP Metals - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	03/02/18 16:33	03/10/18 13:56	EPA 3015	79,6010C	AB
Barium, TCLP	0.134	J	mg/l	0.500	0.021	1	03/02/18 16:33	03/10/18 13:56	EPA 3015	79,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	03/02/18 16:33	03/10/18 13:56	EPA 3015	79,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	03/02/18 16:33	03/10/18 13:56	EPA 3015	79,6010C	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	03/02/18 16:33	03/10/18 13:56	EPA 3015	79,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0002	1	03/07/18 15:40	03/08/18 15:36	EPA 7470A	79,7470A	MG
Selenium, TCLP	ND		mg/l	0.500	0.035	1	03/02/18 16:33	03/10/18 13:56	EPA 3015	79,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	03/02/18 16:33	03/10/18 13:56	EPA 3015	79,6010C	AB



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-09
 Client ID: SDT-DS-GVT-PC05
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:44
 Date Received: 02/28/18
 Field Prep: Not Specified
 TCLP/SPLP Ext. Date: 03/01/18 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP SPLP Metals - Mansfield Lab											
Arsenic, SPLP	0.003	J	mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 17:01	EPA 3005A	79,6020A	AM
Cadmium, SPLP	ND		mg/l	0.002	0.001	10	03/03/18 17:00	03/07/18 17:01	EPA 3005A	79,6020A	AM
Chromium, SPLP	0.058		mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 17:01	EPA 3005A	79,6020A	AM
Copper, SPLP	0.357		mg/l	0.010	0.004	10	03/03/18 17:00	03/07/18 17:01	EPA 3005A	79,6020A	AM
Lead, SPLP	ND		mg/l	0.010	0.003	10	03/03/18 17:00	03/07/18 17:01	EPA 3005A	79,6020A	AM
Mercury, SPLP	ND		mg/l	0.0010	0.0001	1	03/07/18 15:40	03/08/18 16:18	EPA 7470A	79,7470A	MG
Nickel, SPLP	0.031		mg/l	0.020	0.006	10	03/03/18 17:00	03/07/18 17:01	EPA 3005A	79,6020A	AM
Silver, SPLP	ND		mg/l	0.004	0.002	10	03/03/18 17:00	03/07/18 17:01	EPA 3005A	79,6020A	AM
Zinc, SPLP	ND		mg/l	0.100	0.034	10	03/03/18 17:00	03/07/18 17:01	EPA 3005A	79,6020A	AM



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-10
 Client ID: SDT-DS-GVT-CC02
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:46
 Date Received: 02/28/18
 Field Prep: Not Specified
 TCLP/SPLP Ext. Date: 03/01/18 05:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP TCLP Metals - Mansfield Lab											
Arsenic, TCLP	0.022	J	mg/l	1.00	0.019	1	03/02/18 16:33	03/10/18 14:01	EPA 3015	79,6010C	AB
Barium, TCLP	0.080	J	mg/l	0.500	0.021	1	03/02/18 16:33	03/10/18 14:01	EPA 3015	79,6010C	AB
Cadmium, TCLP	0.026	J	mg/l	0.100	0.010	1	03/02/18 16:33	03/10/18 14:01	EPA 3015	79,6010C	AB
Chromium, TCLP	0.068	J	mg/l	0.200	0.021	1	03/02/18 16:33	03/10/18 14:01	EPA 3015	79,6010C	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	03/02/18 16:33	03/10/18 14:01	EPA 3015	79,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0002	1	03/07/18 15:40	03/08/18 15:38	EPA 7470A	79,7470A	MG
Selenium, TCLP	ND		mg/l	0.500	0.035	1	03/02/18 16:33	03/10/18 14:01	EPA 3015	79,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	03/02/18 16:33	03/10/18 14:01	EPA 3015	79,6010C	AB



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-10
 Client ID: SDT-DS-GVT-CC02
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:46
 Date Received: 02/28/18
 Field Prep: Not Specified
 TCLP/SPLP Ext. Date: 03/01/18 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP SPLP Metals - Mansfield Lab											
Arsenic, SPLP	0.016		mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 17:05	EPA 3005A	79,6020A	AM
Cadmium, SPLP	ND		mg/l	0.002	0.001	10	03/03/18 17:00	03/07/18 17:05	EPA 3005A	79,6020A	AM
Chromium, SPLP	0.018		mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 17:05	EPA 3005A	79,6020A	AM
Copper, SPLP	0.087		mg/l	0.010	0.004	10	03/03/18 17:00	03/07/18 17:05	EPA 3005A	79,6020A	AM
Lead, SPLP	ND		mg/l	0.010	0.003	10	03/03/18 17:00	03/07/18 17:05	EPA 3005A	79,6020A	AM
Mercury, SPLP	ND		mg/l	0.0010	0.0001	1	03/07/18 15:40	03/08/18 16:20	EPA 7470A	79,7470A	MG
Nickel, SPLP	ND		mg/l	0.020	0.006	10	03/03/18 17:00	03/07/18 17:05	EPA 3005A	79,6020A	AM
Silver, SPLP	ND		mg/l	0.004	0.002	10	03/03/18 17:00	03/07/18 17:05	EPA 3005A	79,6020A	AM
Zinc, SPLP	ND		mg/l	0.100	0.034	10	03/03/18 17:00	03/07/18 17:05	EPA 3005A	79,6020A	AM



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-11
 Client ID: SDT-DS-GVT-CC04
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:48
 Date Received: 02/28/18
 Field Prep: Not Specified
 TCLP/SPLP Ext. Date: 03/01/18 05:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP TCLP Metals - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	03/02/18 16:33	03/10/18 14:05	EPA 3015	79,6010C	AB
Barium, TCLP	0.093	J	mg/l	0.500	0.021	1	03/02/18 16:33	03/10/18 14:05	EPA 3015	79,6010C	AB
Cadmium, TCLP	0.026	J	mg/l	0.100	0.010	1	03/02/18 16:33	03/10/18 14:05	EPA 3015	79,6010C	AB
Chromium, TCLP	0.103	J	mg/l	0.200	0.021	1	03/02/18 16:33	03/10/18 14:05	EPA 3015	79,6010C	AB
Lead, TCLP	0.028	J	mg/l	0.500	0.027	1	03/02/18 16:33	03/10/18 14:05	EPA 3015	79,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0002	1	03/07/18 15:40	03/08/18 15:40	EPA 7470A	79,7470A	MG
Selenium, TCLP	ND		mg/l	0.500	0.035	1	03/02/18 16:33	03/10/18 14:05	EPA 3015	79,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	03/02/18 16:33	03/10/18 14:05	EPA 3015	79,6010C	AB



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-11
 Client ID: SDT-DS-GVT-CC04
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:48
 Date Received: 02/28/18
 Field Prep: Not Specified
 TCLP/SPLP Ext. Date: 03/01/18 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP SPLP Metals - Mansfield Lab											
Arsenic, SPLP	0.011		mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 17:08	EPA 3005A	79,6020A	AM
Cadmium, SPLP	ND		mg/l	0.002	0.001	10	03/03/18 17:00	03/07/18 17:08	EPA 3005A	79,6020A	AM
Chromium, SPLP	0.022		mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 17:08	EPA 3005A	79,6020A	AM
Copper, SPLP	0.258		mg/l	0.010	0.004	10	03/03/18 17:00	03/07/18 17:08	EPA 3005A	79,6020A	AM
Lead, SPLP	ND		mg/l	0.010	0.003	10	03/03/18 17:00	03/07/18 17:08	EPA 3005A	79,6020A	AM
Mercury, SPLP	ND		mg/l	0.0010	0.0001	1	03/07/18 15:40	03/08/18 16:22	EPA 7470A	79,7470A	MG
Nickel, SPLP	0.010	J	mg/l	0.020	0.006	10	03/03/18 17:00	03/07/18 17:08	EPA 3005A	79,6020A	AM
Silver, SPLP	ND		mg/l	0.004	0.002	10	03/03/18 17:00	03/07/18 17:08	EPA 3005A	79,6020A	AM
Zinc, SPLP	0.185		mg/l	0.100	0.034	10	03/03/18 17:00	03/07/18 17:08	EPA 3005A	79,6020A	AM



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-12
 Client ID: SDT-DS-GVT-CC05
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:50
 Date Received: 02/28/18
 Field Prep: Not Specified
 TCLP/SPLP Ext. Date: 03/01/18 05:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP TCLP Metals - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	03/02/18 16:33	03/10/18 14:19	EPA 3015	79,6010C	AB
Barium, TCLP	0.105	J	mg/l	0.500	0.021	1	03/02/18 16:33	03/10/18 14:19	EPA 3015	79,6010C	AB
Cadmium, TCLP	0.019	J	mg/l	0.100	0.010	1	03/02/18 16:33	03/10/18 14:19	EPA 3015	79,6010C	AB
Chromium, TCLP	0.139	J	mg/l	0.200	0.021	1	03/02/18 16:33	03/10/18 14:19	EPA 3015	79,6010C	AB
Lead, TCLP	0.053	J	mg/l	0.500	0.027	1	03/02/18 16:33	03/10/18 14:19	EPA 3015	79,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0002	1	03/07/18 15:40	03/08/18 15:41	EPA 7470A	79,7470A	MG
Selenium, TCLP	ND		mg/l	0.500	0.035	1	03/02/18 16:33	03/10/18 14:19	EPA 3015	79,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	03/02/18 16:33	03/10/18 14:19	EPA 3015	79,6010C	AB



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

SAMPLE RESULTS

Lab ID: L1806872-12
 Client ID: SDT-DS-GVT-CC05
 Sample Location: STRATFORD, CT
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:50
 Date Received: 02/28/18
 Field Prep: Not Specified
 TCLP/SPLP Ext. Date: 03/01/18 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP SPLP Metals - Mansfield Lab											
Arsenic, SPLP	0.0090		mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 17:55	EPA 3005A	79,6020A	AM
Cadmium, SPLP	ND		mg/l	0.002	0.001	10	03/03/18 17:00	03/07/18 17:55	EPA 3005A	79,6020A	AM
Chromium, SPLP	0.026		mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 17:55	EPA 3005A	79,6020A	AM
Copper, SPLP	0.345		mg/l	0.010	0.004	10	03/03/18 17:00	03/07/18 17:55	EPA 3005A	79,6020A	AM
Lead, SPLP	ND		mg/l	0.010	0.003	10	03/03/18 17:00	03/07/18 17:55	EPA 3005A	79,6020A	AM
Mercury, SPLP	ND		mg/l	0.0010	0.0001	1	03/07/18 15:40	03/08/18 16:24	EPA 7470A	79,7470A	MG
Nickel, SPLP	0.015	J	mg/l	0.020	0.006	10	03/03/18 17:00	03/07/18 17:55	EPA 3005A	79,6020A	AM
Silver, SPLP	ND		mg/l	0.004	0.002	10	03/03/18 17:00	03/07/18 17:55	EPA 3005A	79,6020A	AM
Zinc, SPLP	ND		mg/l	0.100	0.034	10	03/03/18 17:00	03/07/18 17:55	EPA 3005A	79,6020A	AM



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP TCLP Metals - Mansfield Lab for sample(s): 01-12 Batch: WG1094000-1									
Arsenic, TCLP	ND	mg/l	1.00	0.019	1	03/02/18 16:33	03/10/18 09:07	79,6010C	AB
Barium, TCLP	ND	mg/l	0.500	0.021	1	03/02/18 16:33	03/10/18 09:07	79,6010C	AB
Cadmium, TCLP	ND	mg/l	0.100	0.010	1	03/02/18 16:33	03/10/18 09:07	79,6010C	AB
Chromium, TCLP	ND	mg/l	0.200	0.021	1	03/02/18 16:33	03/10/18 09:07	79,6010C	AB
Lead, TCLP	ND	mg/l	0.500	0.027	1	03/02/18 16:33	03/10/18 09:07	79,6010C	AB
Selenium, TCLP	ND	mg/l	0.500	0.035	1	03/02/18 16:33	03/10/18 09:07	79,6010C	AB
Silver, TCLP	ND	mg/l	0.100	0.028	1	03/02/18 16:33	03/10/18 09:07	79,6010C	AB

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 03/01/18 05:08

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst	
CT RCP SPLP Metals - Mansfield Lab for sample(s): 01-12 Batch: WG1094297-1										
Arsenic, SPLP	ND	mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 15:47	79,6020A	AM	
Cadmium, SPLP	ND	mg/l	0.002	0.001	10	03/03/18 17:00	03/07/18 15:47	79,6020A	AM	
Chromium, SPLP	ND	mg/l	0.005	0.002	10	03/03/18 17:00	03/07/18 15:47	79,6020A	AM	
Copper, SPLP	ND	mg/l	0.010	0.004	10	03/03/18 17:00	03/07/18 15:47	79,6020A	AM	
Lead, SPLP	0.005	J	mg/l	0.010	0.003	10	03/03/18 17:00	03/07/18 15:47	79,6020A	AM
Nickel, SPLP	ND	mg/l	0.020	0.006	10	03/03/18 17:00	03/07/18 15:47	79,6020A	AM	
Silver, SPLP	ND	mg/l	0.004	0.002	10	03/03/18 17:00	03/07/18 15:47	79,6020A	AM	
Zinc, SPLP	ND	mg/l	0.100	0.034	10	03/03/18 17:00	03/07/18 15:47	79,6020A	AM	

Prep Information

Digestion Method: EPA 3005A
TCLP/SPLP Extraction Date: 03/01/18 17:42

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP SPLP Metals - Mansfield Lab for sample(s): 01-12 Batch: WG1095393-1									
Mercury, SPLP	ND	mg/l	0.0010	0.0001	1	03/07/18 15:40	03/08/18 15:43	79,7470A	MG



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 03/01/18 17:42

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP TCLP Metals - Mansfield Lab for sample(s): 01-12 Batch: WG1095394-1									
Mercury, TCLP	ND	mg/l	0.0010	0.0002	1	03/07/18 15:40	03/08/18 15:15	79,7470A	MG

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 03/01/18 05:08



Lab Control Sample Analysis

Batch Quality Control

Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
CT RCP TCLP Metals - Mansfield Lab Associated sample(s): 01-12 Batch: WG1094000-2								
Arsenic, TCLP	105		-		80-120	-		20
Barium, TCLP	96		-		80-120	-		20
Cadmium, TCLP	102		-		80-120	-		20
Chromium, TCLP	98		-		80-120	-		20
Lead, TCLP	97		-		80-120	-		20
Selenium, TCLP	105		-		80-120	-		20
Silver, TCLP	94		-		80-120	-		20
CT RCP SPLP Metals - Mansfield Lab Associated sample(s): 01-12 Batch: WG1094297-2								
Arsenic, SPLP	109		-		80-120	-		20
Cadmium, SPLP	107		-		80-120	-		20
Chromium, SPLP	114		-		80-120	-		20
Copper, SPLP	108		-		80-120	-		20
Lead, SPLP	101		-		80-120	-		20
Nickel, SPLP	106		-		80-120	-		20
Silver, SPLP	97		-		80-120	-		20
Zinc, SPLP	106		-		80-120	-		20
CT RCP SPLP Metals - Mansfield Lab Associated sample(s): 01-12 Batch: WG1095393-2								
Mercury, SPLP	86		-		80-120	-		



Lab Control Sample Analysis Batch Quality Control

Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
CT RCP TCLP Metals - Mansfield Lab Associated sample(s): 01-12 Batch: WG1095394-2					
Mercury, TCLP	102	-	80-120	-	20



Project Name: STRATFORD ARMY ENGINE PLANT**Lab Number:** L1806872**Project Number:** 3616176064.08.01**Report Date:** 03/14/18**Sample Receipt and Container Information**

Were project specific reporting limits specified?

NO

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1806872-01A	Glass 500ml/16oz unpreserved	A	NA		4.6	Y	Absent		-
L1806872-01X	Plastic 250ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CT-SPLP-HG(28),CT-SPLP-AG-6020(180),CT-SPLP-CR-6020(180),CT-SPLP-PB-6020(180),CT-SPLP-NI-6020(180),CT-SPLP-CU-6020(180),CT-SPLP-CD-6020(180),CT-SPLP-ZN-6020(180),CT-SPLP-AS-6020(180)
L1806872-01X9	Tumble Vessel	A	NA		4.6	Y	Absent		-
L1806872-01Y	Plastic 250ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CT-TCLP-CR(180),CT-TCLP-AS(180),CT-TCLP-AG(180),CT-TCLP-CD(180),CT-TCLP-HG(28),CT-TCLP-PB(180),CT-TCLP-BA(180),CT-TCLP-SE(180)
L1806872-01Z	Amber 1000ml unpreserved Extracts	A	NA		4.6	Y	Absent		A2-PCBHOMS-SPLP(14)
L1806872-02A	Glass 500ml/16oz unpreserved	A	NA		4.6	Y	Absent		-
L1806872-02X	Plastic 250ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CT-SPLP-HG(28),CT-SPLP-AG-6020(180),CT-SPLP-CR-6020(180),CT-SPLP-PB-6020(180),CT-SPLP-NI-6020(180),CT-SPLP-CU-6020(180),CT-SPLP-CD-6020(180),CT-SPLP-ZN-6020(180),CT-SPLP-AS-6020(180)
L1806872-02X9	Tumble Vessel	A	NA		4.6	Y	Absent		-
L1806872-02Y	Plastic 250ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CT-TCLP-CR(180),CT-TCLP-AS(180),CT-TCLP-AG(180),CT-TCLP-CD(180),CT-TCLP-HG(28),CT-TCLP-PB(180),CT-TCLP-BA(180),CT-TCLP-SE(180)
L1806872-02Z	Amber 1000ml unpreserved Extracts	A	NA		4.6	Y	Absent		A2-PCBHOMS-SPLP(14)
L1806872-03A	Glass 500ml/16oz unpreserved	A	NA		4.6	Y	Absent		-
L1806872-03X	Plastic 250ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CT-SPLP-HG(28),CT-SPLP-AG-6020(180),CT-SPLP-CR-6020(180),CT-SPLP-PB-6020(180),CT-SPLP-NI-6020(180),CT-SPLP-CU-6020(180),CT-SPLP-CD-6020(180),CT-SPLP-ZN-6020(180),CT-SPLP-AS-6020(180)
L1806872-03X9	Tumble Vessel	A	NA		4.6	Y	Absent		-

*Values in parentheses indicate holding time in days



Project Name: STRATFORD ARMY ENGINE PLANT**Lab Number:** L1806872**Project Number:** 3616176064.08.01**Report Date:** 03/14/18**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1806872-03Y	Plastic 250ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CT-TCLP-CR(180),CT-TCLP-AS(180),CT-TCLP-AG(180),CT-TCLP-CD(180),CT-TCLP-HG(28),CT-TCLP-PB(180),CT-TCLP-BA(180),CT-TCLP-SE(180)
L1806872-03Z	Amber 1000ml unpreserved Extracts	A	NA		4.6	Y	Absent		A2-PCBHOMS-SPLP(14)
L1806872-04A	Glass 500ml/16oz unpreserved	A	NA		4.6	Y	Absent		-
L1806872-04X	Plastic 250ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CT-SPLP-HG(28),CT-SPLP-AG-6020(180),CT-SPLP-CR-6020(180),CT-SPLP-PB-6020(180),CT-SPLP-NI-6020(180),CT-SPLP-CU-6020(180),CT-SPLP-CD-6020(180),CT-SPLP-ZN-6020(180),CT-SPLP-AS-6020(180)
L1806872-04X9	Tumble Vessel	A	NA		4.6	Y	Absent		-
L1806872-04Y	Plastic 250ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CT-TCLP-CR(180),CT-TCLP-AS(180),CT-TCLP-AG(180),CT-TCLP-CD(180),CT-TCLP-HG(28),CT-TCLP-PB(180),CT-TCLP-BA(180),CT-TCLP-SE(180)
L1806872-04Z	Amber 1000ml unpreserved Extracts	A	NA		4.6	Y	Absent		A2-PCBHOMS-SPLP(14)
L1806872-05A	Glass 500ml/16oz unpreserved	A	NA		4.6	Y	Absent		-
L1806872-05X	Plastic 250ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CT-SPLP-HG(28),CT-SPLP-AG-6020(180),CT-SPLP-CR-6020(180),CT-SPLP-PB-6020(180),CT-SPLP-NI-6020(180),CT-SPLP-CU-6020(180),CT-SPLP-CD-6020(180),CT-SPLP-ZN-6020(180),CT-SPLP-AS-6020(180)
L1806872-05X9	Tumble Vessel	A	NA		4.6	Y	Absent		-
L1806872-05Y	Plastic 250ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CT-TCLP-CR(180),CT-TCLP-AS(180),CT-TCLP-AG(180),CT-TCLP-CD(180),CT-TCLP-HG(28),CT-TCLP-PB(180),CT-TCLP-BA(180),CT-TCLP-SE(180)
L1806872-05Z	Amber 1000ml unpreserved Extracts	A	NA		4.6	Y	Absent		A2-PCBHOMS-SPLP(14)
L1806872-06A	Glass 500ml/16oz unpreserved	A	NA		4.6	Y	Absent		-
L1806872-06X	Plastic 250ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CT-SPLP-HG(28),CT-SPLP-AG-6020(180),CT-SPLP-CR-6020(180),CT-SPLP-PB-6020(180),CT-SPLP-NI-6020(180),CT-SPLP-CU-6020(180),CT-SPLP-CD-6020(180),CT-SPLP-ZN-6020(180),CT-SPLP-AS-6020(180)
L1806872-06X9	Tumble Vessel	A	NA		4.6	Y	Absent		-



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Serial_No:03141817:37
Lab Number: L1806872
Report Date: 03/14/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1806872-06Y	Plastic 250ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CT-TCLP-CR(180),CT-TCLP-AS(180),CT-TCLP-AG(180),CT-TCLP-CD(180),CT-TCLP-HG(28),CT-TCLP-PB(180),CT-TCLP-BA(180),CT-TCLP-SE(180)
L1806872-06Z	Amber 1000ml unpreserved Extracts	A	NA		4.6	Y	Absent		A2-PCBHOMS-SPLP(14)
L1806872-07A	Glass 500ml/16oz unpreserved	A	NA		4.6	Y	Absent		-
L1806872-07X	Plastic 250ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CT-SPLP-HG(28),CT-SPLP-AG-6020(180),CT-SPLP-CR-6020(180),CT-SPLP-PB-6020(180),CT-SPLP-NI-6020(180),CT-SPLP-CU-6020(180),CT-SPLP-CD-6020(180),CT-SPLP-ZN-6020(180),CT-SPLP-AS-6020(180)
L1806872-07X9	Tumble Vessel	A	NA		4.6	Y	Absent		-
L1806872-07Y	Plastic 250ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CT-TCLP-CR(180),CT-TCLP-AS(180),CT-TCLP-AG(180),CT-TCLP-CD(180),CT-TCLP-HG(28),CT-TCLP-PB(180),CT-TCLP-BA(180),CT-TCLP-SE(180)
L1806872-07Z	Amber 1000ml unpreserved Extracts	A	NA		4.6	Y	Absent		A2-PCBHOMS-SPLP(14)
L1806872-08A	Glass 500ml/16oz unpreserved	A	NA		4.6	Y	Absent		-
L1806872-08X	Plastic 250ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CT-SPLP-HG(28),CT-SPLP-AG-6020(180),CT-SPLP-CR-6020(180),CT-SPLP-PB-6020(180),CT-SPLP-NI-6020(180),CT-SPLP-CU-6020(180),CT-SPLP-CD-6020(180),CT-SPLP-ZN-6020(180),CT-SPLP-AS-6020(180)
L1806872-08X9	Tumble Vessel	A	NA		4.6	Y	Absent		-
L1806872-08Y	Plastic 250ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CT-TCLP-CR(180),CT-TCLP-AS(180),CT-TCLP-AG(180),CT-TCLP-CD(180),CT-TCLP-HG(28),CT-TCLP-PB(180),CT-TCLP-BA(180),CT-TCLP-SE(180)
L1806872-08Z	Amber 1000ml unpreserved Extracts	A	NA		4.6	Y	Absent		A2-PCBHOMS-SPLP(14)
L1806872-09A	Glass 500ml/16oz unpreserved	A	NA		4.6	Y	Absent		-
L1806872-09X	Plastic 250ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CT-SPLP-HG(28),CT-SPLP-AG-6020(180),CT-SPLP-CR-6020(180),CT-SPLP-PB-6020(180),CT-SPLP-NI-6020(180),CT-SPLP-CU-6020(180),CT-SPLP-CD-6020(180),CT-SPLP-ZN-6020(180),CT-SPLP-AS-6020(180)
L1806872-09X9	Tumble Vessel	A	NA		4.6	Y	Absent		-

*Values in parentheses indicate holding time in days



Project Name: STRATFORD ARMY ENGINE PLANT**Lab Number:** L1806872**Project Number:** 3616176064.08.01**Report Date:** 03/14/18**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1806872-09Y	Plastic 250ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CT-TCLP-CR(180),CT-TCLP-AS(180),CT-TCLP-AG(180),CT-TCLP-CD(180),CT-TCLP-HG(28),CT-TCLP-PB(180),CT-TCLP-BA(180),CT-TCLP-SE(180)
L1806872-09Z	Amber 1000ml unpreserved Extracts	A	NA		4.6	Y	Absent		A2-PCBHOMS-SPLP(14)
L1806872-10A	Glass 500ml/16oz unpreserved	A	NA		4.6	Y	Absent		-
L1806872-10X	Plastic 250ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CT-SPLP-HG(28),CT-SPLP-AG-6020(180),CT-SPLP-CR-6020(180),CT-SPLP-PB-6020(180),CT-SPLP-NI-6020(180),CT-SPLP-CU-6020(180),CT-SPLP-CD-6020(180),CT-SPLP-ZN-6020(180),CT-SPLP-AS-6020(180)
L1806872-10X9	Tumble Vessel	A	NA		4.6	Y	Absent		-
L1806872-10Y	Plastic 250ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CT-TCLP-CR(180),CT-TCLP-AS(180),CT-TCLP-AG(180),CT-TCLP-CD(180),CT-TCLP-HG(28),CT-TCLP-PB(180),CT-TCLP-BA(180),CT-TCLP-SE(180)
L1806872-10Z	Amber 1000ml unpreserved Extracts	A	NA		4.6	Y	Absent		A2-PCBHOMS-SPLP(14)
L1806872-11A	Glass 500ml/16oz unpreserved	A	NA		4.6	Y	Absent		-
L1806872-11X	Plastic 250ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CT-SPLP-HG(28),CT-SPLP-AG-6020(180),CT-SPLP-CR-6020(180),CT-SPLP-PB-6020(180),CT-SPLP-NI-6020(180),CT-SPLP-CU-6020(180),CT-SPLP-CD-6020(180),CT-SPLP-ZN-6020(180),CT-SPLP-AS-6020(180)
L1806872-11X9	Tumble Vessel	A	NA		4.6	Y	Absent		-
L1806872-11Y	Plastic 250ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CT-TCLP-CR(180),CT-TCLP-AS(180),CT-TCLP-AG(180),CT-TCLP-CD(180),CT-TCLP-HG(28),CT-TCLP-PB(180),CT-TCLP-BA(180),CT-TCLP-SE(180)
L1806872-11Z	Amber 1000ml unpreserved Extracts	A	NA		4.6	Y	Absent		A2-PCBHOMS-SPLP(14)
L1806872-12A	Glass 500ml/16oz unpreserved	A	NA		4.6	Y	Absent		-
L1806872-12X	Plastic 250ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CT-SPLP-HG(28),CT-SPLP-AG-6020(180),CT-SPLP-CR-6020(180),CT-SPLP-PB-6020(180),CT-SPLP-NI-6020(180),CT-SPLP-CU-6020(180),CT-SPLP-CD-6020(180),CT-SPLP-ZN-6020(180),CT-SPLP-AS-6020(180)
L1806872-12X9	Tumble Vessel	A	NA		4.6	Y	Absent		-



Project Name: STRATFORD ARMY ENGINE PLANT

Project Number: 3616176064.08.01

Serial_No:03141817:37

Lab Number: L1806872

Report Date: 03/14/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1806872-12Y	Plastic 250ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CT-TCLP-CR(180),CT-TCLP-AS(180),CT-TCLP-AG(180),CT-TCLP-CD(180),CT-TCLP-HG(28),CT-TCLP-PB(180),CT-TCLP-BA(180),CT-TCLP-SE(180)
L1806872-12Z	Amber 1000ml unpreserved Extracts	A	NA		4.6	Y	Absent		A2-PCBHOMS-SPLP(14)



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related

Report Format: DU Report with 'J' Qualifiers



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

Data Qualifiers

projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: STRATFORD ARMY ENGINE PLANT
Project Number: 3616176064.08.01

Lab Number: L1806872
Report Date: 03/14/18

REFERENCES

- 79 Connecticut DEP Quality Assurance and Quality Control Requirements for SW-846 Methods. CTDEP Reasonable Confidence Protocols (RCPs). Versions 2.0 and 3.0, July and December 2006.
- 105 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997 in conjunction with NOAA Technical Memorandum NMFS-NWFSC-59: Extraction, Cleanup and GC/MS Analysis of Sediments and Tissues for Organic Contaminants, March 2004 and the Determination of Pesticides and PCBs in Water and Oil/Sediment by GC/MS: Method 680, EPA 01A0005295, November 1985.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E,**

SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 2



Project Information

Project Name: SAEP Sediment Study

Project Location:

Project #:

Project Manager: Tony Delano

ALPHA Quote #:

Turn-Around Time

Standard Rush (ONLY if not Announced)

Due Date: *contact client Time*

Waltham, MA
TEL: 508-898-8020
FAX: 508-898-8100

Needham, MA
TEL: 508-821-6000
FAX: 508-821-3399

Client Information

Client: Wood
Address: 271 Mill Rd, 3rd Floor
Chemistford, MA 01824

Phone: 978-362-5319

Fax:
Email: tony.delano@woodpit.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Date Rec'd in Lab: 02/28/19

ALPHA Job #: L1806872

Report Information: Data Deliverables

FAX EMAIL
 ADEx ADx1 Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program:
 Criteria:

ANALYSIS

ANALYSIS	Aspirate	Filterate	Residue	Other
STLP PCBs	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
STLP site metals plus Hg	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
STLP metals (PCBA P)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SAMPLE HANDLING
 Filtration
 Done
 Not Needed
 Left to do
 Preservation
 Left to do
 (Please specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		
06872-01	SDF-DS-BPT-PC05	2/27/18	1128	S	TND
02	SDF-DS-BPT-PC04		1130		
03	SDF-DS-BPT-PC08		1132		
04	SDF-DS-BPT-CC03		1134		
05	SDF-DS-BPT-CC04		1136		
06	SDF-DS-BPT-CC06		1138		
07	SDF-DS-BPT-PC02		1140		
08	SDF-DS-BPT-PC04		1142		
09	SDF-DS-BPT-PC05		1144		
10	SDF-DS-BPT-CC02		1146		

Container Type: A A A
 Preservative: A A A

Relinquished By: *Jessica Woodley* Date/Time: *2/27/19 1505*
 Received By: *Judith Ann* Date/Time: *2/28/19 1552*

Please print clearly, legibly and completely. Samples can not be tagged or not furnished until check will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.



CHAIN OF CUSTODY

Page 2 of 2

Project Information

Project Name: SAEP Sediment Study

Project Location:

Project #:

Project Manager: Tony Delano

ALPHA Quote #:

Turn-Around Time

Standard Rush (ONLY IF PRE-APPROVED)

Due Date: *2/28/12* @ Time:

Westborough, MA
TEL: 508-862-4220
FAX: 508-862-4219

Warefield, MA
TEL: 508-822-6900
FAX: 508-822-6226

Client Information

Client: Wood

Address: 271 Mill Rd, 3rd Floor

Chenilford, MA 01824

Phone: 878-393-5319

Fax:

Email: tony.delano@woodplc.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Date Rec'd in Lab: *02/28/12*

ALPHA Job #: *L1806872*

Report Information Data Deliverables

FAX EMAIL
 ADE Add'l Deliverables

Billing Information

Same as Client city PO #:

Regulatory Requirements/Report Limits

State/Fed Program: _____ Criteria: _____

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	STLP ROBES	STLP site metals plus Hg	STLP metals (EPA)											
<i>0672-11</i>	<i>SOE-DS-BWT-0004</i>	<i>2/28/12</i>	<i>1148</i>	<i>S</i>	<i>TNS</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>12</i>	<i>SOE-DS-BWT-0005</i>	<i>2/28/12</i>	<i>1150</i>	<i>S</i>	<i>TNS</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- SAMPLE HANDLING
- Filtration
 - Dose
 - Not Performed
 - Lab to do
 - Preservation
 - Lab to do
- (Please specify below)

Sample Specific Comments

Container Type: *A A A*

Preservative: *A A A*

Relinquished By	Date/Time	Received By	Date/Time
<i>Monica Boudley</i>	<i>2/28/12</i>	<i>[Signature]</i>	<i>2/28/12</i>

Please print clearly, legibly and completely. Samples are not for support or and Surrogate Same class will not start until all samples are received. All samples submitted are subject to Alpha's Program Terms.

ORIGIN: OFFICE (404) 918-3172
FEDERAL EXPRESS
MEMORANDUM ENVIRONMENTAL SERVICES
13524 ELLENBOROUGH INDUSTRIAL BLVD

SHIP DATE: 2/28/08
ACTIVITY: 10:00 US
CALL: 1-727-869-6733
CDD: 15-14-18 US

ATLANTA, GA 30318
UNITED STATES US

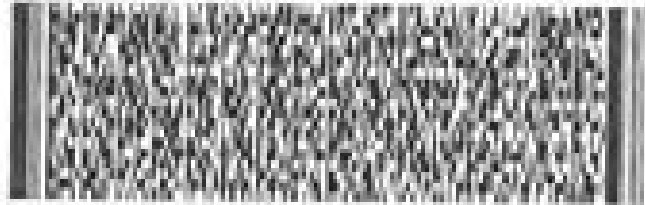
BILL SHIPPER

TO **SAMPLE RECEIVING
ALPHA ANALYTICAL
8 WALKUP DRIVE**

652107150046

WESTBOROUGH MA 01581

(08) 899-9020 (07) 8747-0923 (06) 6
FM (02) DEPT



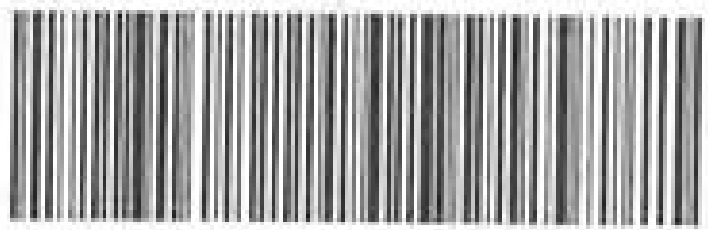
WED - 28 FEB 10:30A

PRIORITY OVERNIGHT

TRACK (0001) 7716 1407 9708

01 BBFA

01581
MA-US BOS



After printing this label:

1. Use the "Print" button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipment. Using a photocopy of this label for shipping purposes is the shippers' and could result in additional billing charges, along with the cancellation of your FedEx account number. Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery or misrouting, unless you declare a higher value. Pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, per current FedEx Service Guide.

FedEx Ship Manager - Print Your Label(s)

2/28/2008

Alpha Summary Forms



Inorganic Summary Forms



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-01	Date Collected : 02/27/18 11:28
Client ID : SDT-DS-BFT-PC03	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/07/18 16:22
Sample Matrix : SOIL	Dilution Factor : 10
Analytical Method : 79,6020A	Analyst : AM
Lab File ID : WG1095175.pdf	Instrument ID : ICPMSQ2
Sample Amount : 50ml	%Solids : NA
Digestion Method : EPA 3005A	Date Digested : 03/03/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, SPLP	0.0090	0.005	0.002	
7440-43-9	Cadmium, SPLP	ND	0.002	0.001	U
7440-47-3	Chromium, SPLP	0.020	0.005	0.002	
7440-50-8	Copper, SPLP	0.460	0.010	0.004	
7439-92-1	Lead, SPLP	ND	0.010	0.003	U
7440-02-0	Nickel, SPLP	0.018	0.020	0.006	J
7440-22-4	Silver, SPLP	ND	0.004	0.002	U
7440-66-6	Zinc, SPLP	ND	0.100	0.034	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-02	Date Collected : 02/27/18 11:30
Client ID : SDT-DS-BFT-PC06	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/07/18 16:33
Sample Matrix : SOIL	Dilution Factor : 10
Analytical Method : 79,6020A	Analyst : AM
Lab File ID : WG1095175.pdf	Instrument ID : ICPMSQ2
Sample Amount : 50ml	%Solids : NA
Digestion Method : EPA 3005A	Date Digested : 03/03/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, SPLP	0.0046	0.0050	0.0017	J
7440-43-9	Cadmium, SPLP	ND	0.002	0.001	U
7440-47-3	Chromium, SPLP	0.046	0.005	0.002	
7440-50-8	Copper, SPLP	0.432	0.010	0.004	
7439-92-1	Lead, SPLP	ND	0.010	0.003	U
7440-02-0	Nickel, SPLP	0.028	0.020	0.006	
7440-22-4	Silver, SPLP	ND	0.004	0.002	U
7440-66-6	Zinc, SPLP	ND	0.100	0.034	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-03	Date Collected : 02/27/18 11:32
Client ID : SDT-DS-BFT-PC08	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/07/18 16:37
Sample Matrix : SOIL	Dilution Factor : 10
Analytical Method : 79,6020A	Analyst : AM
Lab File ID : WG1095175.pdf	Instrument ID : ICPMSQ2
Sample Amount : 50ml	%Solids : NA
Digestion Method : EPA 3005A	Date Digested : 03/03/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, SPLP	0.003	0.005	0.002	J
7440-43-9	Cadmium, SPLP	ND	0.002	0.001	U
7440-47-3	Chromium, SPLP	0.086	0.005	0.002	
7440-50-8	Copper, SPLP	0.638	0.010	0.004	
7439-92-1	Lead, SPLP	ND	0.010	0.003	U
7440-02-0	Nickel, SPLP	0.053	0.020	0.006	
7440-22-4	Silver, SPLP	ND	0.004	0.002	U
7440-66-6	Zinc, SPLP	ND	0.100	0.034	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-04	Date Collected : 02/27/18 11:34
Client ID : SDT-DS-BFT-CC03	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/07/18 16:41
Sample Matrix : SOIL	Dilution Factor : 10
Analytical Method : 79,6020A	Analyst : AM
Lab File ID : WG1095175.pdf	Instrument ID : ICPMSQ2
Sample Amount : 50ml	%Solids : NA
Digestion Method : EPA 3005A	Date Digested : 03/03/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, SPLP	0.011	0.005	0.002	
7440-43-9	Cadmium, SPLP	ND	0.002	0.001	U
7440-47-3	Chromium, SPLP	0.021	0.005	0.002	
7440-50-8	Copper, SPLP	0.175	0.010	0.004	
7439-92-1	Lead, SPLP	ND	0.010	0.003	U
7440-02-0	Nickel, SPLP	0.011	0.020	0.006	J
7440-22-4	Silver, SPLP	ND	0.004	0.002	U
7440-66-6	Zinc, SPLP	ND	0.100	0.034	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-05	Date Collected : 02/27/18 11:36
Client ID : SDT-DS-BFT-CC06	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/07/18 16:45
Sample Matrix : SOIL	Dilution Factor : 10
Analytical Method : 79,6020A	Analyst : AM
Lab File ID : WG1095175.pdf	Instrument ID : ICPMSQ2
Sample Amount : 50ml	%Solids : NA
Digestion Method : EPA 3005A	Date Digested : 03/03/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, SPLP	0.006	0.005	0.002	
7440-43-9	Cadmium, SPLP	ND	0.002	0.001	U
7440-47-3	Chromium, SPLP	0.054	0.005	0.002	
7440-50-8	Copper, SPLP	0.860	0.010	0.004	
7439-92-1	Lead, SPLP	ND	0.010	0.003	U
7440-02-0	Nickel, SPLP	0.039	0.020	0.006	
7440-22-4	Silver, SPLP	ND	0.004	0.002	U
7440-66-6	Zinc, SPLP	ND	0.100	0.034	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-06	Date Collected : 02/27/18 11:38
Client ID : SDT-DS-BFT-CC08	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/07/18 16:49
Sample Matrix : SOIL	Dilution Factor : 10
Analytical Method : 79,6020A	Analyst : AM
Lab File ID : WG1095175.pdf	Instrument ID : ICPMSQ2
Sample Amount : 50ml	%Solids : NA
Digestion Method : EPA 3005A	Date Digested : 03/03/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, SPLP	0.006	0.005	0.002	
7440-43-9	Cadmium, SPLP	ND	0.002	0.001	U
7440-47-3	Chromium, SPLP	0.053	0.005	0.002	
7440-50-8	Copper, SPLP	0.824	0.010	0.004	
7439-92-1	Lead, SPLP	ND	0.010	0.003	U
7440-02-0	Nickel, SPLP	0.043	0.020	0.006	
7440-22-4	Silver, SPLP	ND	0.004	0.002	U
7440-66-6	Zinc, SPLP	ND	0.100	0.034	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-07	Date Collected : 02/27/18 11:40
Client ID : SDT-DS-GVT-PC02	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/07/18 16:53
Sample Matrix : SOIL	Dilution Factor : 10
Analytical Method : 79,6020A	Analyst : AM
Lab File ID : WG1095175.pdf	Instrument ID : ICPMSQ2
Sample Amount : 50ml	%Solids : NA
Digestion Method : EPA 3005A	Date Digested : 03/03/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, SPLP	0.013	0.005	0.002	
7440-43-9	Cadmium, SPLP	ND	0.002	0.001	U
7440-47-3	Chromium, SPLP	0.011	0.005	0.002	
7440-50-8	Copper, SPLP	0.159	0.010	0.004	
7439-92-1	Lead, SPLP	ND	0.010	0.003	U
7440-02-0	Nickel, SPLP	ND	0.020	0.006	U
7440-22-4	Silver, SPLP	ND	0.004	0.002	U
7440-66-6	Zinc, SPLP	ND	0.100	0.034	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-08	Date Collected : 02/27/18 11:42
Client ID : SDT-DS-GVT-PC04	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/07/18 16:57
Sample Matrix : SOIL	Dilution Factor : 10
Analytical Method : 79,6020A	Analyst : AM
Lab File ID : WG1095175.pdf	Instrument ID : ICPMSQ2
Sample Amount : 50ml	%Solids : NA
Digestion Method : EPA 3005A	Date Digested : 03/03/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, SPLP	0.005	0.005	0.002	
7440-43-9	Cadmium, SPLP	ND	0.002	0.001	U
7440-47-3	Chromium, SPLP	0.029	0.005	0.002	
7440-50-8	Copper, SPLP	0.277	0.010	0.004	
7439-92-1	Lead, SPLP	ND	0.010	0.003	U
7440-02-0	Nickel, SPLP	0.015	0.020	0.006	J
7440-22-4	Silver, SPLP	ND	0.004	0.002	U
7440-66-6	Zinc, SPLP	ND	0.100	0.034	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-09	Date Collected : 02/27/18 11:44
Client ID : SDT-DS-GVT-PC05	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/07/18 17:01
Sample Matrix : SOIL	Dilution Factor : 10
Analytical Method : 79,6020A	Analyst : AM
Lab File ID : WG1095175.pdf	Instrument ID : ICPMSQ2
Sample Amount : 50ml	%Solids : NA
Digestion Method : EPA 3005A	Date Digested : 03/03/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, SPLP	0.003	0.005	0.002	J
7440-43-9	Cadmium, SPLP	ND	0.002	0.001	U
7440-47-3	Chromium, SPLP	0.058	0.005	0.002	
7440-50-8	Copper, SPLP	0.357	0.010	0.004	
7439-92-1	Lead, SPLP	ND	0.010	0.003	U
7440-02-0	Nickel, SPLP	0.031	0.020	0.006	
7440-22-4	Silver, SPLP	ND	0.004	0.002	U
7440-66-6	Zinc, SPLP	ND	0.100	0.034	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-10	Date Collected : 02/27/18 11:46
Client ID : SDT-DS-GVT-CC02	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/07/18 17:05
Sample Matrix : SOIL	Dilution Factor : 10
Analytical Method : 79,6020A	Analyst : AM
Lab File ID : WG1095175.pdf	Instrument ID : ICPMSQ2
Sample Amount : 50ml	%Solids : NA
Digestion Method : EPA 3005A	Date Digested : 03/03/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, SPLP	0.016	0.005	0.002	
7440-43-9	Cadmium, SPLP	ND	0.002	0.001	U
7440-47-3	Chromium, SPLP	0.018	0.005	0.002	
7440-50-8	Copper, SPLP	0.087	0.010	0.004	
7439-92-1	Lead, SPLP	ND	0.010	0.003	U
7440-02-0	Nickel, SPLP	ND	0.020	0.006	U
7440-22-4	Silver, SPLP	ND	0.004	0.002	U
7440-66-6	Zinc, SPLP	ND	0.100	0.034	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-11	Date Collected : 02/27/18 11:48
Client ID : SDT-DS-GVT-CC04	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/07/18 17:08
Sample Matrix : SOIL	Dilution Factor : 10
Analytical Method : 79,6020A	Analyst : AM
Lab File ID : WG1095175.pdf	Instrument ID : ICPMSQ2
Sample Amount : 50ml	%Solids : NA
Digestion Method : EPA 3005A	Date Digested : 03/03/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, SPLP	0.011	0.005	0.002	
7440-43-9	Cadmium, SPLP	ND	0.002	0.001	U
7440-47-3	Chromium, SPLP	0.022	0.005	0.002	
7440-50-8	Copper, SPLP	0.258	0.010	0.004	
7439-92-1	Lead, SPLP	ND	0.010	0.003	U
7440-02-0	Nickel, SPLP	0.010	0.020	0.006	J
7440-22-4	Silver, SPLP	ND	0.004	0.002	U
7440-66-6	Zinc, SPLP	0.185	0.100	0.034	



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-12	Date Collected : 02/27/18 11:50
Client ID : SDT-DS-GVT-CC05	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/07/18 17:55
Sample Matrix : SOIL	Dilution Factor : 10
Analytical Method : 79,6020A	Analyst : AM
Lab File ID : WG1095175.pdf	Instrument ID : ICPMSQ2
Sample Amount : 50ml	%Solids : NA
Digestion Method : EPA 3005A	Date Digested : 03/03/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, SPLP	0.0090	0.005	0.002	
7440-43-9	Cadmium, SPLP	ND	0.002	0.001	U
7440-47-3	Chromium, SPLP	0.026	0.005	0.002	
7440-50-8	Copper, SPLP	0.345	0.010	0.004	
7439-92-1	Lead, SPLP	ND	0.010	0.003	U
7440-02-0	Nickel, SPLP	0.015	0.020	0.006	J
7440-22-4	Silver, SPLP	ND	0.004	0.002	U
7440-66-6	Zinc, SPLP	ND	0.100	0.034	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : WG1094297-1	Date Collected : NA
Client ID : WG1094297-1BLANK	Date Received : NA
Sample Location :	Date Analyzed : 03/07/18 15:47
Sample Matrix : SOIL	Dilution Factor : 10
Analytical Method : 79,6020A	Analyst : AM
Lab File ID : WG1095175.pdf	Instrument ID : ICPMSQ2
Sample Amount : 50ml	%Solids : NA
Digestion Method : EPA 3005A	Date Digested : 03/03/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, SPLP	ND	0.005	0.002	U
7440-43-9	Cadmium, SPLP	ND	0.002	0.001	U
7440-47-3	Chromium, SPLP	ND	0.005	0.002	U
7440-50-8	Copper, SPLP	ND	0.010	0.004	U
7439-92-1	Lead, SPLP	0.005	0.010	0.003	J
7440-02-0	Nickel, SPLP	ND	0.020	0.006	U
7440-22-4	Silver, SPLP	ND	0.004	0.002	U
7440-66-6	Zinc, SPLP	ND	0.100	0.034	U



Form 2A Initial and Continuing Calibration Verification

Client : AMEC Foster Wheeler E & I, Inc. Lab Number : L1806872
 Project Name : STRATFORD ARMY ENGINE PLANT Project Number : 3616176064.08.01
 Instrument ID : ICPMSQ2 Units : ug/l

Parameter	Initial Calibration			Continuing Calibration(s)							
	Lab ID	: R1053009-1		R1053009-5			R1053009-7		R1053009-9		
	Date Analyzed:	True	Found	%R	True	Found	%R	Found	%R	Found	%R
Arsenic		100.0000	101.0000	101	100.0000	99.6000	100	103.0000	103	98.7000	99
Cadmium		100.0000	99.4000	99	100.0000	99.2000	99	101.0000	101	101.0000	101
Chromium		100.0000	110.0000	110	100.0000	101.0000	101	101.0000	101	106.0000	106
Copper		100.0000	105.0000	105	100.0000	103.0000	103	106.0000	106	100.0000	100
Lead		100.0000	96.0000	96	100.0000	95.5000	96	98.3000	98	97.6000	98
Nickel		100.0000	105.0000	105	100.0000	106.0000	106	108.0000	108	102.0000	102
Silver		100.0000	99.8000	100	100.0000	100.0000	100	102.0000	102	101.0000	101
Zinc		100.0000	101.0000	101	100.0000	100.0000	100	103.0000	103	99.9000	100

Acceptance Criteria:

ICV: 95-105% (Methods 200.7, 245.1)
 90-110% (Methods 200.8, 6010, 6020, 7470, 7471, 7474)
 85-115% (Method 1631)

CCV: 90-110% (Methods 200.7, 245.1, 6010, 6020, 7474)
 85-115% (Methods 200.8, 1631)
 80-120% (Methods 7470, 7471)



Form 2A Initial and Continuing Calibration Verification

Client : AMEC Foster Wheeler E & I, Inc. Lab Number : L1806872
 Project Name : STRATFORD ARMY ENGINE PLANT Project Number : 3616176064.08.01
 Instrument ID : ICPMSQ2 Units : ug/l

Parameter	Initial Calibration			Continuing Calibration(s)						
	Lab ID :			R1053009-11			R1053009-15		R1053009-17	
	Date Analyzed :			03/07/18 11:34			03/07/18 12:26		03/07/18 13:14	
	True	Found	%R	True	Found	%R	Found	%R	Found	%R
Arsenic				100.0000	99.3000	99	100.0000	100	100.0000	100
Cadmium				100.0000	101.0000	101	102.0000	102	101.0000	101
Chromium				100.0000	104.0000	104	106.0000	106	105.0000	105
Copper				100.0000	97.9000	98	102.0000	102	101.0000	101
Lead				100.0000	97.4000	97	97.8000	98	98.1000	98
Nickel				100.0000	100.0000	100	101.0000	101	102.0000	102
Silver				100.0000	101.0000	101	103.0000	103	103.0000	103
Zinc				100.0000	97.6000	98	98.9000	99	98.9000	99

Acceptance Criteria:

ICV: 95-105% (Methods 200.7, 245.1)
 90-110% (Methods 200.8, 6010, 6020, 7470, 7471, 7474)
 85-115% (Method 1631)

CCV: 90-110% (Methods 200.7, 245.1, 6010, 6020, 7474)
 85-115% (Methods 200.8, 1631)
 80-120% (Methods 7470, 7471)



Form 2A Initial and Continuing Calibration Verification

Client : AMEC Foster Wheeler E & I, Inc. Lab Number : L1806872
 Project Name : STRATFORD ARMY ENGINE PLANT Project Number : 3616176064.08.01
 Instrument ID : ICPMSQ2 Units : ug/l

Parameter	Initial Calibration			Continuing Calibration(s)						
	Lab ID :			R1053009-19			R1053009-21		R1053009-23	
	Date Analyzed :			03/07/18 14:01			03/07/18 14:51		03/07/18 15:39	
	True	Found	%R	True	Found	%R	Found	%R	Found	%R
Arsenic				100.0000	103.0000	103	100.0000	100	100.0000	100
Cadmium				100.0000	101.0000	101	101.0000	101	98.2000	98
Chromium				100.0000	105.0000	105	105.0000	105	100.0000	100
Copper				100.0000	104.0000	104	101.0000	101	98.6000	99
Lead				100.0000	98.3000	98	97.4000	97	94.9000	95
Nickel				100.0000	102.0000	102	102.0000	102	96.7000	97
Silver				100.0000	103.0000	103	103.0000	103	99.2000	99
Zinc				100.0000	99.6000	100	100.0000	100	96.6000	97

Acceptance Criteria:

ICV: 95-105% (Methods 200.7, 245.1)
 90-110% (Methods 200.8, 6010, 6020, 7470, 7471, 7474)
 85-115% (Method 1631)

CCV: 90-110% (Methods 200.7, 245.1, 6010, 6020, 7474)
 85-115% (Methods 200.8, 1631)
 80-120% (Methods 7470, 7471)



Form 2A Initial and Continuing Calibration Verification

Client : AMEC Foster Wheeler E & I, Inc. Lab Number : L1806872
 Project Name : STRATFORD ARMY ENGINE PLANT Project Number : 3616176064.08.01
 Instrument ID : ICPMSQ2 Units : ug/l

Parameter	Initial Calibration			Continuing Calibration(s)						
	Lab ID :			R1053009-25		R1053009-27		R1053009-29		
	Date Analyzed :			03/07/18 16:26		03/07/18 17:12		03/07/18 17:59		
	True	Found	%R	True	Found	%R	Found	%R	Found	%R
Arsenic				100.0000	103.0000	103	99.4000	99	101.0000	101
Cadmium				100.0000	102.0000	102	98.4000	98	101.0000	101
Chromium				100.0000	107.0000	107	101.0000	101	108.0000	108
Copper				100.0000	101.0000	101	99.6000	100	102.0000	102
Lead				100.0000	98.6000	99	94.3000	94	96.6000	97
Nickel				100.0000	103.0000	103	99.5000	100	104.0000	104
Silver				100.0000	104.0000	104	101.0000	101	102.0000	102
Zinc				100.0000	100.0000	100	98.1000	98	98.6000	99

Acceptance Criteria:

ICV: 95-105% (Methods 200.7, 245.1)
 90-110% (Methods 200.8, 6010, 6020, 7470, 7471, 7474)
 85-115% (Method 1631)

CCV: 90-110% (Methods 200.7, 245.1, 6010, 6020, 7474)
 85-115% (Methods 200.8, 1631)
 80-120% (Methods 7470, 7471)



Form 3 Blanks

Client : AMEC Foster Wheeler E & I, Inc. **Lab Number** : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT **Project Number** : 3616176064.08.01
Instrument ID : ICPMSQ2

Parameter	Initial Calibration Blank		Continuing Calibration Blank(s)				Preparation Blank			
	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q		
	Lab ID : R1053009-2		R1053009-6		R1053009-8		R1053009-10		WG1094297-1	
	Date Analyzed: 03/07/18 08:34		03/07/18 08:58		03/07/18 09:44		03/07/18 10:51		03/07/18 15:47	
Arsenic	0.165	U	0.165	U	0.165	U	0.165	U	0.002	U
Cadmium	0.0599	U	0.0599	U	0.0599	U	0.0599	U	0.001	U
Chromium	0.178	U	0.178	U	0.178	U	0.178	U	0.002	U
Copper	0.384	U	0.384	U	0.384	U	0.384	U	0.004	U
Lead	0.343	U	0.343	U	0.343	U	0.343	U	0.005	J
Nickel	0.556	U	0.556	U	0.556	U	0.556	U	0.006	U
Silver	0.163	U	0.163	U	0.163	U	0.163	U	0.002	U
Zinc	3.41	U	3.41	U	3.41	U	3.41	U	0.034	U



Form 3 Blanks

Client : AMEC Foster Wheeler E & I, Inc. **Lab Number** : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT **Project Number** : 3616176064.08.01
Instrument ID : ICPMSQ2

Parameter	Initial Calibration Blank		Continuing Calibration Blank(s)				Preparation Blank	
	ug/l	Q	ug/l	Q	ug/l	Q	Q	
	Lab ID :		R1053009-12		R1053009-14		R1053009-16	
	Date Analyzed:		03/07/18 11:38		03/07/18 11:44		03/07/18 12:30	
Arsenic			0.165	U	0.165	U	0.165	U
Cadmium			0.0599	U	0.0599	U	0.0599	U
Chromium			0.178	U	0.178	U	0.178	U
Copper			0.384	U	0.384	U	0.384	U
Lead			0.343	U	0.343	U	0.343	U
Nickel			0.556	U	0.556	U	0.556	U
Silver			0.163	U	0.163	U	0.163	U
Zinc			3.41	U	3.41	U	3.41	U



Form 3 Blanks

Client : AMEC Foster Wheeler E & I, Inc. **Lab Number** : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT **Project Number** : 3616176064.08.01
Instrument ID : ICPMSQ2

Parameter	Initial Calibration Blank		Continuing Calibration Blank(s)				Preparation Blank	
	ug/l	Q	ug/l	Q	ug/l	Q	Q	
			R1053009-18		R1053009-20		R1053009-22	
			03/07/18 13:18		03/07/18 14:05		03/07/18 14:55	
			03/07/18 13:18		03/07/18 14:05		03/07/18 14:55	
Arsenic			0.165	U	0.165	U	0.165	U
Cadmium			0.0599	U	0.0599	U	0.0599	U
Chromium			0.178	U	0.178	U	0.178	U
Copper			0.384	U	0.384	U	0.384	U
Lead			0.343	U	0.343	U	0.343	U
Nickel			0.556	U	0.556	U	0.556	U
Silver			0.163	U	0.183	J	0.294	J
Zinc			3.41	U	3.41	U	3.41	U



Form 3 Blanks

Client : AMEC Foster Wheeler E & I, Inc. **Lab Number** : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT **Project Number** : 3616176064.08.01
Instrument ID : ICPMSQ2

Parameter	Initial Calibration Blank		Continuing Calibration Blank(s)				Preparation Blank	
	ug/l	Q	ug/l	Q	ug/l	Q	Q	
			R1053009-24		R1053009-26		R1053009-28	
			03/07/18 15:43		03/07/18 16:30		03/07/18 17:16	
Lab ID :								
Date Analyzed :								
Arsenic			0.165	U	0.165	U	0.165	U
Cadmium			0.0599	U	0.0599	U	0.0599	U
Chromium			0.178	U	0.178	U	0.178	U
Copper			0.384	U	0.384	U	0.384	U
Lead			0.343	U	0.343	U	0.343	U
Nickel			0.556	U	0.556	U	0.556	U
Silver			0.163	U	0.163	U	0.163	U
Zinc			3.41	U	3.41	U	3.41	U



Form 3 Blanks

Client : AMEC Foster Wheeler E & I, Inc. **Lab Number** : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT **Project Number** : 3616176064.08.01
Instrument ID : ICPMSQ2

Parameter	Initial Calibration Blank		Continuing Calibration Blank(s)				Preparation Blank	
	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q
			R1053009-30					
			03/07/18 18:03					
Arsenic			0.165	U				
Cadmium			0.0599	U				
Chromium			0.178	U				
Copper			0.384	U				
Lead			0.343	U				
Nickel			0.556	U				
Silver			0.163	U				
Zinc			3.41	U				



Form 4a Interference Check Sample

Client : AMEC Foster Wheeler E & I, Inc. **Lab Number** : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT **Project Number** : 3616176064.08.01
Instrument ID : ICPMSQ2 **Concentration Units** : ug/l

Analyte	True		Initial Found		Final Found					
	Lab ID :		R1053009-3		R1053009-4					
	Analysis Date :		03/07/18 08:42		03/07/18 08:46					
	Sol. A	Sol. AB	Sol. A	%R	Sol. AB	%R	Sol. A	%R	Sol. AB	%R
Arsenic		20	0.108		21.7	108				
Cadmium		20	0.0391		20.2	101				
Chromium		40	0.363		47.1	118				
Copper		40	0.508		42.8	107				
Lead			0.0546							
Nickel		40	-0.117		43.1	108				
Silver		10	0.228		10.5	105				
Zinc		20	3.96		23.3	116				

Acceptance Criteria: Methods 200.7, 200.8, 6010, 6020

ICSA: 80-120%

ICSAB: 80-120%



Form 7 Laboratory Control Sample

Client	: AMEC Foster Wheeler E & I, Inc.	Lab Number	: L1806872
Project Name	: STRATFORD ARMY ENGINE PLANT	Project Number	: 3616176064.08.01
Client Sample ID	: NA	Matrix	: SOIL
Lab Sample ID	: WG1094297-2	LCS Analysis Date	: 03/07/18 15:51
Dup Sample ID	:	LCSD Analysis Date:	

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (mg/l)	Found (mg/l)	%R	True (mg/l)	Found (mg/l)	%R			
Arsenic, SPLP	0.120	0.131	109.					80-120	20
Cadmium, SPLP	0.0510	0.0550	107.					80-120	20
Chromium, SPLP	0.200	0.227	114.					80-120	20
Copper, SPLP	0.250	0.270	108.					80-120	20
Lead, SPLP	0.510	0.515	101.					80-120	20
Nickel, SPLP	0.500	0.528	106.					80-120	20
Silver, SPLP	0.0500	0.0490	97.					80-120	20
Zinc, SPLP	0.500	0.528	106.					80-120	20



Form 12 Preparation Log

Client : AMEC Foster Wheeler E & I, Inc. Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT Project Number : 3616176064.08.01
Matrix : SOIL Prep Method : EPA 3005A

Sample Number	Preparation Date	Weight (gram)	Volume (mL)
L1806872-01	03/03/18 17:00	-	50
L1806872-02	03/03/18 17:00	-	50
L1806872-03	03/03/18 17:00	-	50
L1806872-04	03/03/18 17:00	-	50
L1806872-05	03/03/18 17:00	-	50
L1806872-06	03/03/18 17:00	-	50
L1806872-07	03/03/18 17:00	-	50
L1806872-08	03/03/18 17:00	-	50
L1806872-09	03/03/18 17:00	-	50
L1806872-10	03/03/18 17:00	-	50
L1806872-11	03/03/18 17:00	-	50
L1806872-12	03/03/18 17:00	-	50
WG1094297-1	03/03/18 17:00	-	50
WG1094297-2	03/03/18 17:00	-	50



Form 14

ICP-MS Tune

Client : AMEC Foster Wheeler E & I, Inc. Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT Project Number : 3616176064.08.01
Lab Sample ID : R1053009-13 Analysis Date : 03/07/18 07:30
ICP-MS Instrument : iCAP Q

Mass Element	Avg Measured Mass (amu)	Avg. Peak Width at 10% Peak Height (amu)	%RSD
59 Co	58.9095	0.723	0.6
115 In	114.8754	0.749	0.9
7 Li	7.0107	0.69	1.5
238 U	238.0009	0.792	1.2



Form 15

ICP-MS Internal Standards Relative Intensity Summary

Client	: AMEC Foster Wheeler E & I, Inc.	Lab Number	: L1806872
Project Name	: STRATFORD ARMY ENGINE PLANT	Project Number	: 3616176064.08.01
Instrument ID	: ICPMSQ2	Analysis Method	: 79,6020A
Start Date	: 03/07/18	End Date	: 03/07/18

Sample #	Time	Internal Standards %RI For:				
		Lithium	Scandium	Ge	In	Bismuth
R1053009-1 ICV	08:30:55	91	95	94	98	99
R1053009-2 ICB	08:34:50	88	83	92	95	98
R1053009-3 ICSA	08:42:42	84	88	91	95	96
R1053009-4 ICSAB	08:46:38	81	81	88	93	93
R1053009-5 CCV	08:54:25	86	89	92	95	98
R1053009-6 CCB	08:58:20	85	80	93	94	98
R1053009-7 CCV	09:41:01	80	85	91	92	92
R1053009-8 CCB	09:44:56	80	80	88	89	91
R1053009-9 CCV	10:47:29	80	86	89	90	93
R1053009-10 CCB	10:51:24	79	74	85	88	92
R1053009-11 CCV	11:34:34	77	87	91	90	91
R1053009-12 CCB	11:38:30	79	80	90	93	94
R1053009-14 CCB	11:44:22	82	81	90	91	95
R1053009-15 CCV	12:26:58	79	89	84	85	92
R1053009-16 CCB	12:30:54	81	80	88	90	95
R1053009-17 CCV	13:14:48	79	87	84	86	93
R1053009-18 CCB	13:18:43	81	76	83	86	93
R1053009-19 CCV	14:01:22	80	87	82	87	93
R1053009-20 CCB	14:05:17	82	76	84	89	95
R1053009-21 CCV	14:51:15	79	85	83	86	93
R1053009-22 CCB	14:55:11	81	75	84	87	94
R1053009-23 CCV	15:39:31	81	90	83	87	95
R1053009-24 CCB	15:43:27	83	72	83	87	96
WG1094297-1 BLANK	15:47:23	80	76	82	84	94
WG1094297-2 LCS	15:51:15	79	76	80	83	94
L1806872-01	16:22:14	81	80	93	91	96
R1053009-25 CCV	16:26:07	85	91	96	97	100



Form 15

ICP-MS Internal Standards Relative Intensity Summary

Client	: AMEC Foster Wheeler E & I, Inc.	Lab Number	: L1806872
Project Name	: STRATFORD ARMY ENGINE PLANT	Project Number	: 3616176064.08.01
Instrument ID	: ICPMSQ2	Analysis Method	: 79,6020A
Start Date	: 03/07/18	End Date	: 03/07/18

Sample #	Time	Internal Standards %RI For:				
		Lithium	Scandium	Ge	In	Bismuth
R1053009-26 CCB	16:30:02	87	85	99	100	103
L1806872-02	16:33:58	84	83	95	94	99
L1806872-03	16:37:51	84	84	92	92	96
L1806872-04	16:41:44	85	84	93	90	97
L1806872-05	16:45:36	81	81	89	88	95
L1806872-06	16:49:30	82	81	88	87	95
L1806872-07	16:53:23	82	81	87	87	96
L1806872-08	16:57:17	82	81	86	86	95
L1806872-09	17:01:10	83	83	84	85	94
L1806872-10	17:05:02	81	80	83	84	94
L1806872-11	17:08:55	81	79	82	84	92
R1053009-27 CCV	17:12:48	83	93	82	88	96
R1053009-28 CCB	17:16:44	86	79	84	87	95
L1806872-12	17:55:38	72	74	88	87	95
R1053009-29 CCV	17:59:31	78	86	91	90	97
R1053009-30 CCB	18:03:27	79	80	91	92	97



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-01	Date Collected : 02/27/18 11:28
Client ID : SDT-DS-BFT-PC03	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/10/18 09:16
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,6010C	Analyst : AB
Lab File ID : WG1096137.pdf	Instrument ID : TRACE5
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 3015	Date Digested : 03/02/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, TCLP	ND	1.00	0.019	U
7440-39-3	Barium, TCLP	0.178	0.500	0.021	J
7440-43-9	Cadmium, TCLP	0.054	0.100	0.010	J
7440-47-3	Chromium, TCLP	0.147	0.200	0.021	J
7439-92-1	Lead, TCLP	ND	0.500	0.027	U
7782-49-2	Selenium, TCLP	ND	0.500	0.035	U
7440-22-4	Silver, TCLP	ND	0.100	0.028	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-02	Date Collected : 02/27/18 11:30
Client ID : SDT-DS-BFT-PC06	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/10/18 13:23
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,6010C	Analyst : AB
Lab File ID : WG1096137.pdf	Instrument ID : TRACE5
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 3015	Date Digested : 03/02/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, TCLP	0.042	1.00	0.019	J
7440-39-3	Barium, TCLP	0.139	0.500	0.021	J
7440-43-9	Cadmium, TCLP	ND	0.100	0.010	U
7440-47-3	Chromium, TCLP	ND	0.200	0.021	U
7439-92-1	Lead, TCLP	ND	0.500	0.027	U
7782-49-2	Selenium, TCLP	0.035	0.500	0.035	J
7440-22-4	Silver, TCLP	ND	0.100	0.028	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-03	Date Collected : 02/27/18 11:32
Client ID : SDT-DS-BFT-PC08	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/10/18 13:27
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,6010C	Analyst : AB
Lab File ID : WG1096137.pdf	Instrument ID : TRACE5
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 3015	Date Digested : 03/02/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, TCLP	0.045	1.00	0.019	J
7440-39-3	Barium, TCLP	0.116	0.500	0.021	J
7440-43-9	Cadmium, TCLP	ND	0.100	0.010	U
7440-47-3	Chromium, TCLP	0.024	0.200	0.021	J
7439-92-1	Lead, TCLP	ND	0.500	0.027	U
7782-49-2	Selenium, TCLP	0.037	0.500	0.035	J
7440-22-4	Silver, TCLP	ND	0.100	0.028	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-04	Date Collected : 02/27/18 11:34
Client ID : SDT-DS-BFT-CC03	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/10/18 13:32
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,6010C	Analyst : AB
Lab File ID : WG1096137.pdf	Instrument ID : TRACE5
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 3015	Date Digested : 03/02/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, TCLP	ND	1.00	0.019	U
7440-39-3	Barium, TCLP	0.089	0.500	0.021	J
7440-43-9	Cadmium, TCLP	0.043	0.100	0.010	J
7440-47-3	Chromium, TCLP	0.073	0.200	0.021	J
7439-92-1	Lead, TCLP	ND	0.500	0.027	U
7782-49-2	Selenium, TCLP	ND	0.500	0.035	U
7440-22-4	Silver, TCLP	ND	0.100	0.028	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-05	Date Collected : 02/27/18 11:36
Client ID : SDT-DS-BFT-CC06	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/10/18 13:37
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,6010C	Analyst : AB
Lab File ID : WG1096137.pdf	Instrument ID : TRACE5
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 3015	Date Digested : 03/02/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, TCLP	ND	1.00	0.019	U
7440-39-3	Barium, TCLP	0.115	0.500	0.021	J
7440-43-9	Cadmium, TCLP	ND	0.100	0.010	U
7440-47-3	Chromium, TCLP	0.040	0.200	0.021	J
7439-92-1	Lead, TCLP	ND	0.500	0.027	U
7782-49-2	Selenium, TCLP	ND	0.500	0.035	U
7440-22-4	Silver, TCLP	ND	0.100	0.028	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-06	Date Collected : 02/27/18 11:38
Client ID : SDT-DS-BFT-CC08	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/10/18 13:42
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,6010C	Analyst : AB
Lab File ID : WG1096137.pdf	Instrument ID : TRACE5
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 3015	Date Digested : 03/02/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, TCLP	ND	1.00	0.019	U
7440-39-3	Barium, TCLP	0.092	0.500	0.021	J
7440-43-9	Cadmium, TCLP	ND	0.100	0.010	U
7440-47-3	Chromium, TCLP	0.033	0.200	0.021	J
7439-92-1	Lead, TCLP	ND	0.500	0.027	U
7782-49-2	Selenium, TCLP	ND	0.500	0.035	U
7440-22-4	Silver, TCLP	ND	0.100	0.028	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-07	Date Collected : 02/27/18 11:40
Client ID : SDT-DS-GVT-PC02	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/10/18 13:46
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,6010C	Analyst : AB
Lab File ID : WG1096137.pdf	Instrument ID : TRACE5
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 3015	Date Digested : 03/02/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, TCLP	ND	1.00	0.019	U
7440-39-3	Barium, TCLP	0.146	0.500	0.021	J
7440-43-9	Cadmium, TCLP	0.042	0.100	0.010	J
7440-47-3	Chromium, TCLP	0.144	0.200	0.021	J
7439-92-1	Lead, TCLP	0.045	0.500	0.027	J
7782-49-2	Selenium, TCLP	ND	0.500	0.035	U
7440-22-4	Silver, TCLP	ND	0.100	0.028	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-08	Date Collected : 02/27/18 11:42
Client ID : SDT-DS-GVT-PC04	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/10/18 13:51
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,6010C	Analyst : AB
Lab File ID : WG1096137.pdf	Instrument ID : TRACE5
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 3015	Date Digested : 03/02/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, TCLP	0.033	1.00	0.019	J
7440-39-3	Barium, TCLP	0.157	0.500	0.021	J
7440-43-9	Cadmium, TCLP	ND	0.100	0.010	U
7440-47-3	Chromium, TCLP	0.111	0.200	0.021	J
7439-92-1	Lead, TCLP	ND	0.500	0.027	U
7782-49-2	Selenium, TCLP	ND	0.500	0.035	U
7440-22-4	Silver, TCLP	ND	0.100	0.028	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-09	Date Collected : 02/27/18 11:44
Client ID : SDT-DS-GVT-PC05	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/10/18 13:56
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,6010C	Analyst : AB
Lab File ID : WG1096137.pdf	Instrument ID : TRACE5
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 3015	Date Digested : 03/02/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, TCLP	ND	1.00	0.019	U
7440-39-3	Barium, TCLP	0.134	0.500	0.021	J
7440-43-9	Cadmium, TCLP	ND	0.100	0.010	U
7440-47-3	Chromium, TCLP	ND	0.200	0.021	U
7439-92-1	Lead, TCLP	ND	0.500	0.027	U
7782-49-2	Selenium, TCLP	ND	0.500	0.035	U
7440-22-4	Silver, TCLP	ND	0.100	0.028	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-10	Date Collected : 02/27/18 11:46
Client ID : SDT-DS-GVT-CC02	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/10/18 14:01
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,6010C	Analyst : AB
Lab File ID : WG1096137.pdf	Instrument ID : TRACE5
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 3015	Date Digested : 03/02/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, TCLP	0.022	1.00	0.019	J
7440-39-3	Barium, TCLP	0.080	0.500	0.021	J
7440-43-9	Cadmium, TCLP	0.026	0.100	0.010	J
7440-47-3	Chromium, TCLP	0.068	0.200	0.021	J
7439-92-1	Lead, TCLP	ND	0.500	0.027	U
7782-49-2	Selenium, TCLP	ND	0.500	0.035	U
7440-22-4	Silver, TCLP	ND	0.100	0.028	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-11	Date Collected : 02/27/18 11:48
Client ID : SDT-DS-GVT-CC04	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/10/18 14:05
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,6010C	Analyst : AB
Lab File ID : WG1096137.pdf	Instrument ID : TRACE5
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 3015	Date Digested : 03/02/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, TCLP	ND	1.00	0.019	U
7440-39-3	Barium, TCLP	0.093	0.500	0.021	J
7440-43-9	Cadmium, TCLP	0.026	0.100	0.010	J
7440-47-3	Chromium, TCLP	0.103	0.200	0.021	J
7439-92-1	Lead, TCLP	0.028	0.500	0.027	J
7782-49-2	Selenium, TCLP	ND	0.500	0.035	U
7440-22-4	Silver, TCLP	ND	0.100	0.028	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-12	Date Collected : 02/27/18 11:50
Client ID : SDT-DS-GVT-CC05	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/10/18 14:19
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,6010C	Analyst : AB
Lab File ID : WG1096137.pdf	Instrument ID : TRACE5
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 3015	Date Digested : 03/02/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, TCLP	ND	1.00	0.019	U
7440-39-3	Barium, TCLP	0.105	0.500	0.021	J
7440-43-9	Cadmium, TCLP	0.019	0.100	0.010	J
7440-47-3	Chromium, TCLP	0.139	0.200	0.021	J
7439-92-1	Lead, TCLP	0.053	0.500	0.027	J
7782-49-2	Selenium, TCLP	ND	0.500	0.035	U
7440-22-4	Silver, TCLP	ND	0.100	0.028	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : WG1094000-1	Date Collected : NA
Client ID : WG1094000-1BLANK	Date Received : NA
Sample Location :	Date Analyzed : 03/10/18 09:07
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,6010C	Analyst : AB
Lab File ID : WG1096137.pdf	Instrument ID : TRACE5
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 3015	Date Digested : 03/02/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-38-2	Arsenic, TCLP	ND	1.00	0.019	U
7440-39-3	Barium, TCLP	ND	0.500	0.021	U
7440-43-9	Cadmium, TCLP	ND	0.100	0.010	U
7440-47-3	Chromium, TCLP	ND	0.200	0.021	U
7439-92-1	Lead, TCLP	ND	0.500	0.027	U
7782-49-2	Selenium, TCLP	ND	0.500	0.035	U
7440-22-4	Silver, TCLP	ND	0.100	0.028	U



Form 2A Initial and Continuing Calibration Verification

Client : AMEC Foster Wheeler E & I, Inc. Lab Number : L1806872
 Project Name : STRATFORD ARMY ENGINE PLANT Project Number : 3616176064.08.01
 Instrument ID : TRACE5 Units : mg/l

Parameter	Initial Calibration			Continuing Calibration(s)							
	Lab ID	: R1054080-7		R1054080-12			R1054080-14		R1054080-16		
	Date Analyzed:	True	Found	%R	True	Found	%R	Found	%R	Found	%R
Arsenic		0.5000	0.5190	104.	0.5000	0.5130	103.	0.5090	102.	0.5180	104.
Barium		0.5000	0.5280	106.	0.5000	0.5110	102.	0.5090	102.	0.5170	103.
Cadmium		0.5000	0.5070	101.	0.5000	0.5000	100.	0.4940	99.	0.5030	100.
Chromium		0.5000	0.5050	101.	0.5000	0.5040	101.	0.4980	100	0.5070	101.
Lead		0.5000	0.5140	103.	0.5000	0.5090	102.	0.5050	101.	0.5100	102.
Selenium		0.5000	0.4850	97.	0.5000	0.4940	99.	0.4920	98.	0.5010	100.
Silver		0.5000	0.5280	106.	0.5000	0.5020	100.	0.4960	99.	0.5150	103.

Acceptance Criteria:

ICV: 95-105% (Methods 200.7, 245.1)
 90-110% (Methods 200.8, 6010, 6020, 7470, 7471, 7474)
 85-115% (Method 1631)

CCV: 90-110% (Methods 200.7, 245.1, 6010, 6020, 7474)
 85-115% (Methods 200.8, 1631)
 80-120% (Methods 7470, 7471)



Form 2A Initial and Continuing Calibration Verification

Client : AMEC Foster Wheeler E & I, Inc. Lab Number : L1806872
 Project Name : STRATFORD ARMY ENGINE PLANT Project Number : 3616176064.08.01
 Instrument ID : TRACE5 Units : mg/l

Parameter	Initial Calibration			Continuing Calibration(s)						
	True	Found	%R	True	Found	%R	Found	%R	Found	%R
				Lab ID : Date Analyzed:						
				R1054080-18 03/10/18 09:21						
Arsenic				0.5000	0.5200	104.				
Barium				0.5000	0.5250	105.				
Cadmium				0.5000	0.5060	101.				
Chromium				0.5000	0.5060	101.				
Lead				0.5000	0.5120	102.				
Selenium				0.5000	0.4940	99.				
Silver				0.5000	0.5310	106.				

Acceptance Criteria:

ICV: 95-105% (Methods 200.7, 245.1)
 90-110% (Methods 200.8, 6010, 6020, 7470, 7471, 7474)
 85-115% (Method 1631)

CCV: 90-110% (Methods 200.7, 245.1, 6010, 6020, 7474)
 85-115% (Methods 200.8, 1631)
 80-120% (Methods 7470, 7471)



Form 2A Initial and Continuing Calibration Verification

Client : AMEC Foster Wheeler E & I, Inc. Lab Number : L1806872
 Project Name : STRATFORD ARMY ENGINE PLANT Project Number : 3616176064.08.01
 Instrument ID : TRACE5 Units : mg/l

Parameter	Initial Calibration			Continuing Calibration(s)							
	Lab ID	: R1054080-22		R1054080-24			R1054080-26		R1054080-28		
	Date Analyzed:	True	Found	%R	True	Found	%R	Found	%R	Found	%R
Arsenic		0.5000	0.5220	104.	0.5000	0.5120	102.	0.5000	100	0.5130	102.
Barium		0.5000	0.5140	103.	0.5000	0.5050	101.	0.4880	98.	0.5030	101.
Cadmium		0.5000	0.5060	101.	0.5000	0.4950	99.	0.4850	97.	0.4940	99.
Chromium		0.5000	0.5070	101.	0.5000	0.4980	100	0.4870	97.	0.4950	99.
Lead		0.5000	0.5130	103.	0.5000	0.5030	100.	0.4970	99.	0.5030	101.
Selenium		0.5000	0.5080	102.	0.5000	0.4960	99.	0.4950	99.	0.4910	98.
Silver		0.5000	0.5000	100	0.5000	0.4900	98.	0.4640	93.	0.4940	99.

Acceptance Criteria:

ICV: 95-105% (Methods 200.7, 245.1)
 90-110% (Methods 200.8, 6010, 6020, 7470, 7471, 7474)
 85-115% (Method 1631)

CCV: 90-110% (Methods 200.7, 245.1, 6010, 6020, 7474)
 85-115% (Methods 200.8, 1631)
 80-120% (Methods 7470, 7471)



Form 2A Initial and Continuing Calibration Verification

Client : AMEC Foster Wheeler E & I, Inc. Lab Number : L1806872
 Project Name : STRATFORD ARMY ENGINE PLANT Project Number : 3616176064.08.01
 Instrument ID : TRACE5 Units : mg/l

Parameter	Initial Calibration			Continuing Calibration(s)						
	Lab ID :			R1054080-30			R1054080-35			
	Date Analyzed:			03/10/18 14:10			03/10/18 14:52			
	True	Found	%R	True	Found	%R	Found	%R	Found	%R
Arsenic				0.5000	0.5270	105.	0.5260	105.		
Barium				0.5000	0.5140	103.	0.5060	101.		
Cadmium				0.5000	0.5110	102.	0.5060	101.		
Chromium				0.5000	0.5090	102.	0.5050	101.		
Lead				0.5000	0.5200	104.	0.5170	103.		
Selenium				0.5000	0.5030	101.	0.5010	100.		
Silver				0.5000	0.5040	101.	0.4970	99.		

Acceptance Criteria:

ICV: 95-105% (Methods 200.7, 245.1)
 90-110% (Methods 200.8, 6010, 6020, 7470, 7471, 7474)
 85-115% (Method 1631)

CCV: 90-110% (Methods 200.7, 245.1, 6010, 6020, 7474)
 85-115% (Methods 200.8, 1631)
 80-120% (Methods 7470, 7471)



Form 2B CRI Check Standard

Client : AMEC Foster Wheeler E & I, Inc. **Lab Number** : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT **Project Number** : 3616176064.08.01
Instrument ID : TRACE5 **Units** : mg/L

Initial **Final**
Lab ID : R1054080-11 R1054080-34
Date Analyzed: 03/10/18 06:10 03/10/18 14:47

Parameter	True	Found	%R	Found	%R
Arsenic	0.0200	0.0240	120	0.0261	130
Barium	0.0400	0.0445	111	0.0427	107
Cadmium	0.0100	0.0112	112	0.0112	112
Chromium	0.0200	0.0230	115	0.0234	117
Lead	0.0450	0.0481	107	0.0504	112
Selenium	0.0200	0.0222	111	0.0219	110
Silver	0.0200	0.0225	112	0.0214	107

Acceptance Criteria: Methods 200.7, 6010
CRI: 70-130%



Form 3 Blanks

Client : AMEC Foster Wheeler E & I, Inc. **Lab Number** : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT **Project Number** : 3616176064.08.01
Instrument ID : TRACE5

Parameter	Initial Calibration		Continuing Calibration				Preparation	
	Blank		Blank(s)				Blank	
	Lab ID	: R1054080-8	R1054080-13	R1054080-15	R1054080-17		WG1094000-1	
	Date Analyzed:	03/10/18 05:37	03/10/18 06:19	03/10/18 07:35	03/10/18 08:29		03/10/18 09:07	
	mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q
Arsenic	0.00190	U	0.00190	U	0.00190	U	0.019	U
Barium	0.00210	U	0.00210	U	0.00210	U	0.021	U
Cadmium	0.00100	U	0.00100	U	0.00100	U	0.010	U
Chromium	0.00210	U	0.00210	U	0.00210	U	0.021	U
Lead	0.00270	U	0.00270	U	0.00270	U	0.027	U
Selenium	0.00350	U	0.00350	U	0.00350	U	0.035	U
Silver	0.00280	U	0.00280	U	0.00280	U	0.028	U



Form 3 Blanks

Client : AMEC Foster Wheeler E & I, Inc. **Lab Number** : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT **Project Number** : 3616176064.08.01
Instrument ID : TRACE5

Parameter	Initial Calibration Blank		Continuing Calibration Blank(s)				Preparation Blank	
	mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q
	Lab ID : R1054080-23		R1054080-19		R1054080-25		R1054080-27	
	Date Analyzed: 03/10/18 10:32		03/10/18 09:25		03/10/18 11:26		03/10/18 12:22	
Arsenic	0.00290	J	0.00190	U	0.00190	U	0.00280	J
Barium	0.00210	U	0.00210	U	0.00210	U	0.00210	U
Cadmium	0.00100	U	0.00100	U	0.00100	U	0.00100	U
Chromium	0.00210	U	0.00210	U	0.00210	U	0.00210	U
Lead	0.00270	U	0.00270	U	0.00270	U	0.00270	U
Selenium	0.00350	U	0.00350	U	0.00350	U	0.00350	U
Silver	0.00280	U	0.00280	U	0.00280	U	0.00280	U



Form 3 Blanks

Client : AMEC Foster Wheeler E & I, Inc. **Lab Number** : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT **Project Number** : 3616176064.08.01
Instrument ID : TRACE5

Parameter	Initial Calibration Blank		Continuing Calibration Blank(s)				Preparation Blank	
	mg/l	Q	mg/l	Q	mg/l	Q	Q	
	Lab ID :		R1054080-29		R1054080-31		R1054080-36	
	Date Analyzed:		03/10/18 13:18		03/10/18 14:15		03/10/18 14:56	
Arsenic			0.00190	U	0.00430	J	0.00260	J
Barium			0.00210	U	0.00210	U	0.00210	U
Cadmium			0.00100	U	0.00100	U	0.00100	U
Chromium			0.00210	U	0.00210	U	0.00210	U
Lead			0.00270	U	0.00270	U	0.00270	U
Selenium			0.00350	U	0.00350	U	0.00350	U
Silver			0.00280	U	0.00280	U	0.00280	U



Form 4a Interference Check Sample

Client : AMEC Foster Wheeler E & I, Inc. Lab Number : L1806872
 Project Name : STRATFORD ARMY ENGINE PLANT Project Number : 3616176064.08.01
 Instrument ID : TRACE5 Concentration Units : mg/L

Analyte	True		Initial Found		Final Found					
	Sol.		Sol.		Sol.		Sol.		Sol.	
	A	AB	A	%R	AB	%R	A	%R	AB	%R
Arsenic		1	-0.00210		1.09	109	-0.000300		1.12	112
Barium		0.3	0.000500		0.321	107	0.000600		0.316	105
Cadmium		0.3	0.00260		0.322	107	0.00280		0.327	109
Chromium		0.3	0.00230		0.324	108	0.00180		0.331	110
Lead		1	-0.0126		1.04	104	-0.000900		1.06	106
Selenium		0.5	-0.00220		0.551	110	-0.00490		0.565	113
Silver		0.3	0.000500		0.325	108	0.000600		0.313	104

Acceptance Criteria: Methods 200.7, 200.8, 6010, 6020

ICSA: 80-120%

ICSAB: 80-120%



Form 7 Laboratory Control Sample

Client	: AMEC Foster Wheeler E & I, Inc.	Lab Number	: L1806872
Project Name	: STRATFORD ARMY ENGINE PLANT	Project Number	: 3616176064.08.01
Client Sample ID	: NA	Matrix	: SOIL
Lab Sample ID	: WG1094000-2	LCS Analysis Date	: 03/10/18 09:11
Dup Sample ID	:	LCSD Analysis Date:	

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (mg/l)	Found (mg/l)	%R	True (mg/l)	Found (mg/l)	%R			
Arsenic, TCLP	1.20	1.26	105.					80-120	20
Barium, TCLP	20.0	19.2	96.					80-120	20
Cadmium, TCLP	0.510	0.522	102.					80-120	20
Chromium, TCLP	2.00	1.97	98.					80-120	20
Lead, TCLP	5.10	4.94	97.					80-120	20
Selenium, TCLP	1.20	1.26	105.					80-120	20
Silver, TCLP	0.500	0.468	94.					80-120	20



Form 12 Preparation Log

Client : AMEC Foster Wheeler E & I, Inc. Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT Project Number : 3616176064.08.01
Matrix : SOIL Prep Method : EPA 3015

Sample Number	Preparation Date	Weight (gram)	Volume (mL)
L1806872-01	03/02/18 16:33	-	5
L1806872-02	03/02/18 16:33	-	5
L1806872-03	03/02/18 16:33	-	5
L1806872-04	03/02/18 16:33	-	5
L1806872-05	03/02/18 16:33	-	5
L1806872-06	03/02/18 16:33	-	5
L1806872-07	03/02/18 16:33	-	5
L1806872-08	03/02/18 16:33	-	5
L1806872-09	03/02/18 16:33	-	5
L1806872-10	03/02/18 16:33	-	5
L1806872-11	03/02/18 16:33	-	5
L1806872-12	03/02/18 16:33	-	5
WG1094000-1	03/02/18 16:33	-	5
WG1094000-2	03/02/18 16:33	-	5



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-01	Date Collected : 02/27/18 11:28
Client ID : SDT-DS-BFT-PC03	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 15:46
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, SPLP	ND	0.0010	0.0001	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-02	Date Collected : 02/27/18 11:30
Client ID : SDT-DS-BFT-PC06	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 15:48
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, SPLP	ND	0.0010	0.0001	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-03	Date Collected : 02/27/18 11:32
Client ID : SDT-DS-BFT-PC08	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 15:50
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, SPLP	ND	0.0010	0.0001	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-04	Date Collected : 02/27/18 11:34
Client ID : SDT-DS-BFT-CC03	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 15:52
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, SPLP	ND	0.0010	0.0001	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-05	Date Collected : 02/27/18 11:36
Client ID : SDT-DS-BFT-CC06	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 16:12
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, SPLP	ND	0.0010	0.0001	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-06	Date Collected : 02/27/18 11:38
Client ID : SDT-DS-BFT-CC08	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 16:13
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, SPLP	ND	0.0010	0.0001	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-07	Date Collected : 02/27/18 11:40
Client ID : SDT-DS-GVT-PC02	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 16:15
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, SPLP	ND	0.0010	0.0001	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-08	Date Collected : 02/27/18 11:42
Client ID : SDT-DS-GVT-PC04	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 16:17
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, SPLP	ND	0.0010	0.0001	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-09	Date Collected : 02/27/18 11:44
Client ID : SDT-DS-GVT-PC05	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 16:18
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, SPLP	ND	0.0010	0.0001	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-10	Date Collected : 02/27/18 11:46
Client ID : SDT-DS-GVT-CC02	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 16:20
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, SPLP	ND	0.0010	0.0001	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-11	Date Collected : 02/27/18 11:48
Client ID : SDT-DS-GVT-CC04	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 16:22
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, SPLP	ND	0.0010	0.0001	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-12	Date Collected : 02/27/18 11:50
Client ID : SDT-DS-GVT-CC05	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 16:24
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, SPLP	ND	0.0010	0.0001	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : WG1095393-1	Date Collected : NA
Client ID : WG1095393-1BLANK	Date Received : NA
Sample Location :	Date Analyzed : 03/08/18 15:43
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, SPLP	ND	0.0010	0.0001	U



Form 2A Initial and Continuing Calibration Verification

Client : AMEC Foster Wheeler E & I, Inc. Lab Number : L1806872
 Project Name : STRATFORD ARMY ENGINE PLANT Project Number : 3616176064.08.01
 Instrument ID : CETAC Units : mg/l

Parameter	Initial Calibration			Continuing Calibration(s)							
	True	Found	%R	True	Found	%R	Found	%R	Found	%R	
Lab ID :	R1053245-9			R1053245-11			R1053245-13		R1053245-15		
Date Analyzed :	03/08/18 14:06			03/08/18 14:28			03/08/18 14:49		03/08/18 15:12		
Mercury	0.0030	0.0030	100	0.0100	0.0110	110.	0.0100	100.	0.0109	109.	

Acceptance Criteria:

ICV: 95-105% (Methods 200.7, 245.1)
 90-110% (Methods 200.8, 6010, 6020, 7470, 7471, 7474)
 85-115% (Method 1631)

CCV: 90-110% (Methods 200.7, 245.1, 6010, 6020, 7474)
 85-115% (Methods 200.8, 1631)
 80-120% (Methods 7470, 7471)



Form 2A Initial and Continuing Calibration Verification

Client : AMEC Foster Wheeler E & I, Inc. Lab Number : L1806872
 Project Name : STRATFORD ARMY ENGINE PLANT Project Number : 3616176064.08.01
 Instrument ID : CETAC Units : mg/l

Parameter	Initial Calibration			Continuing Calibration(s)						
	True	Found	%R	True	Found	%R	Found	%R	Found	%R
Mercury				0.0100	0.0102	102.	0.0102	102.	0.0101	101.

Acceptance Criteria:

ICV: 95-105% (Methods 200.7, 245.1)
 90-110% (Methods 200.8, 6010, 6020, 7470, 7471, 7474)
 85-115% (Method 1631)

CCV: 90-110% (Methods 200.7, 245.1, 6010, 6020, 7474)
 85-115% (Methods 200.8, 1631)
 80-120% (Methods 7470, 7471)



Form 2A Initial and Continuing Calibration Verification

Client	: AMEC Foster Wheeler E & I, Inc.	Lab Number	: L1806872
Project Name	: STRATFORD ARMY ENGINE PLANT	Project Number	: 3616176064.08.01
Instrument ID	: CETAC	Units	: mg/l

Parameter	Initial Calibration			Continuing Calibration(s)							
	Lab ID :			R1053245-23							
	Date Analyzed:	True	Found	%R	True	Found	%R	Found	%R	Found	%R
Mercury					0.0100	0.0106	106.				

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)



Form 3 Blanks

Client : AMEC Foster Wheeler E & I, Inc. **Lab Number** : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT **Project Number** : 3616176064.08.01
Instrument ID : CETAC

Parameter	Initial Calibration		Continuing Calibration				Preparation	
	Blank		Blank(s)				Blank	
Lab ID :	R1053245-10		R1053245-12		R1053245-14	R1053245-16	WG1095393-1	
Date Analyzed:	03/08/18 14:07		03/08/18 14:30		03/08/18 14:51	03/08/18 15:14	03/08/18 15:43	
	mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q
Mercury	0.0000100	U	0.0000100	U	0.0000100	U	0.0001	U



Form 3 Blanks

Client : AMEC Foster Wheeler E & I, Inc. **Lab Number** : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT **Project Number** : 3616176064.08.01
Instrument ID : CETAC

Parameter	Initial Calibration		Continuing Calibration				Preparation
	Blank		Blank(s)				Blank
Lab ID :			R1053245-18	R1053245-20	R1053245-22		
Date Analyzed:			03/08/18 15:34	03/08/18 15:55	03/08/18 16:10		
	mg/l	Q	mg/l	Q	mg/l	Q	Q
Mercury			0.0000100 U	0.0000100 U	0.0000100 U		



Form 3 Blanks

Client : AMEC Foster Wheeler E & I, Inc. **Lab Number** : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT **Project Number** : 3616176064.08.01
Instrument ID : CETAC

	Initial Calibration Blank		Continuing Calibration Blank(s)		Preparation Blank
Lab ID :			R1053245-24		
Date Analyzed:			03/08/18 16:30		
Parameter	mg/l Q		mg/l Q	mg/l Q	mg/l Q
Mercury			0.0000100 U		



Form 7 Laboratory Control Sample

Client	: AMEC Foster Wheeler E & I, Inc.	Lab Number	: L1806872
Project Name	: STRATFORD ARMY ENGINE PLANT	Project Number	: 3616176064.08.01
Client Sample ID	: NA	Matrix	: SOIL
Lab Sample ID	: WG1095393-2	LCS Analysis Date	: 03/08/18 15:45
Dup Sample ID	:	LCSD Analysis Date	:

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (mg/l)	Found (mg/l)	%R	True (mg/l)	Found (mg/l)	%R			
Mercury, SPLP	0.00500	0.00430	86.					80-120	20



Form 12 Preparation Log

Client : AMEC Foster Wheeler E & I, Inc. Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT Project Number : 3616176064.08.01
Matrix : SOIL Prep Method : EPA 7470A

Sample Number	Preparation Date	Weight (gram)	Volume (mL)
L1806872-01	03/07/18 15:40	-	5
L1806872-02	03/07/18 15:40	-	5
L1806872-03	03/07/18 15:40	-	5
L1806872-04	03/07/18 15:40	-	5
L1806872-05	03/07/18 15:40	-	5
L1806872-06	03/07/18 15:40	-	5
L1806872-07	03/07/18 15:40	-	5
L1806872-08	03/07/18 15:40	-	5
L1806872-09	03/07/18 15:40	-	5
L1806872-10	03/07/18 15:40	-	5
L1806872-11	03/07/18 15:40	-	5
L1806872-12	03/07/18 15:40	-	5
WG1095393-1	03/07/18 15:40	-	5
WG1095393-2	03/07/18 15:40	-	5



Form 13 Analysis Run Log

Client	: AMEC Foster Wheeler E & I, Inc.	Lab Number	: L1806872
Project Name	: STRATFORD ARMY ENGINE PLANT	Project Number	: 3616176064.08.01
Instrument ID	: CETAC	Analysis Method	: 79,7470A
Start Date	: 03/08/18 14:06	End Date	: 03/08/18 16:30

Sample Number	Dilution Factor	Analysis Time	Mercury, SPLP																	
R1053245-9 ICV	1	14:06:00	X																	
R1053245-10 ICB	1	14:07:42	X																	
R1053245-11 CCV	1	14:28:43	X																	
R1053245-12 CCB	1	14:30:44	X																	
R1053245-13 CCV	1	14:49:39	X																	
R1053245-14 CCB	1	14:51:22	X																	
R1053245-15 CCV	1	15:12:27	X																	
R1053245-16 CCB	1	15:14:10	X																	
R1053245-17 CCV	1	15:33:08	X																	
R1053245-18 CCB	1	15:34:51	X																	
WG1095393-1 BLANK	1	15:43:25	X																	
WG1095393-2 LCS	1	15:45:08	X																	
L1806872-01	1	15:46:52	X																	
L1806872-02	1	15:48:36	X																	
L1806872-03	1	15:50:20	X																	
L1806872-04	1	15:52:02	X																	
R1053245-19 CCV	1	15:53:45	X																	
R1053245-20 CCB	1	15:55:28	X																	
R1053245-21 CCV	1	16:08:41	X																	
R1053245-22 CCB	1	16:10:24	X																	
L1806872-05	1	16:12:06	X																	
L1806872-06	1	16:13:48	X																	
L1806872-07	1	16:15:31	X																	
L1806872-08	1	16:17:15	X																	
L1806872-09	1	16:18:58	X																	
L1806872-10	1	16:20:43	X																	
L1806872-11	1	16:22:25	X																	



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-01	Date Collected : 02/27/18 11:28
Client ID : SDT-DS-BFT-PC03	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 15:19
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, TCLP	ND	0.0010	0.0002	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-02	Date Collected : 02/27/18 11:30
Client ID : SDT-DS-BFT-PC06	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 15:21
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, TCLP	ND	0.0010	0.0002	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-03	Date Collected : 02/27/18 11:32
Client ID : SDT-DS-BFT-PC08	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 15:22
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, TCLP	ND	0.0010	0.0002	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-04	Date Collected : 02/27/18 11:34
Client ID : SDT-DS-BFT-CC03	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 15:24
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, TCLP	ND	0.0010	0.0002	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-05	Date Collected : 02/27/18 11:36
Client ID : SDT-DS-BFT-CC06	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 15:26
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, TCLP	ND	0.0010	0.0002	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-06	Date Collected : 02/27/18 11:38
Client ID : SDT-DS-BFT-CC08	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 15:27
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, TCLP	ND	0.0010	0.0002	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-07	Date Collected : 02/27/18 11:40
Client ID : SDT-DS-GVT-PC02	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 15:29
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, TCLP	ND	0.0010	0.0002	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-08	Date Collected : 02/27/18 11:42
Client ID : SDT-DS-GVT-PC04	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 15:31
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, TCLP	ND	0.0010	0.0002	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-09	Date Collected : 02/27/18 11:44
Client ID : SDT-DS-GVT-PC05	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 15:36
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, TCLP	ND	0.0010	0.0002	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-10	Date Collected : 02/27/18 11:46
Client ID : SDT-DS-GVT-CC02	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 15:38
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, TCLP	ND	0.0010	0.0002	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-11	Date Collected : 02/27/18 11:48
Client ID : SDT-DS-GVT-CC04	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 15:40
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, TCLP	ND	0.0010	0.0002	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-12	Date Collected : 02/27/18 11:50
Client ID : SDT-DS-GVT-CC05	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 15:41
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, TCLP	ND	0.0010	0.0002	U



Form 1 METALS

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : WG1095394-1	Date Collected : NA
Client ID : WG1095394-1BLANK	Date Received : NA
Sample Location :	Date Analyzed : 03/08/18 15:15
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 79,7470A	Analyst : MG
Lab File ID : WG1095505.pdf	Instrument ID : CETAC
Sample Amount : 5ml	%Solids : NA
Digestion Method : EPA 7470A	Date Digested : 03/07/18

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, TCLP	ND	0.0010	0.0002	U



Form 2A Initial and Continuing Calibration Verification

Client : AMEC Foster Wheeler E & I, Inc. Lab Number : L1806872
 Project Name : STRATFORD ARMY ENGINE PLANT Project Number : 3616176064.08.01
 Instrument ID : CETAC Units : mg/l

Parameter	Initial Calibration			Continuing Calibration(s)							
	True	Found	%R	True	Found	%R	Found	%R	Found	%R	
Lab ID :	R1053245-9			R1053245-11			R1053245-13		R1053245-15		
Date Analyzed:	03/08/18 14:06			03/08/18 14:28			03/08/18 14:49		03/08/18 15:12		
Mercury	0.0030	0.0030	100	0.0100	0.0110	110.	0.0100	100.	0.0109	109.	

Acceptance Criteria:

ICV: 95-105% (Methods 200.7, 245.1)
 90-110% (Methods 200.8, 6010, 6020, 7470, 7471, 7474)
 85-115% (Method 1631)

CCV: 90-110% (Methods 200.7, 245.1, 6010, 6020, 7474)
 85-115% (Methods 200.8, 1631)
 80-120% (Methods 7470, 7471)



Form 2A Initial and Continuing Calibration Verification

Client : AMEC Foster Wheeler E & I, Inc. Lab Number : L1806872
 Project Name : STRATFORD ARMY ENGINE PLANT Project Number : 3616176064.08.01
 Instrument ID : CETAC Units : mg/l

Parameter	Initial Calibration			Continuing Calibration(s)						
	True	Found	%R	True	Found	%R	Found	%R	Found	%R
Mercury				0.0100	0.0102	102.	0.0102	102.		

Acceptance Criteria:

ICV: 95-105% (Methods 200.7, 245.1)
 90-110% (Methods 200.8, 6010, 6020, 7470, 7471, 7474)
 85-115% (Method 1631)

CCV: 90-110% (Methods 200.7, 245.1, 6010, 6020, 7474)
 85-115% (Methods 200.8, 1631)
 80-120% (Methods 7470, 7471)



Form 3 Blanks

Client : AMEC Foster Wheeler E & I, Inc. **Lab Number** : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT **Project Number** : 3616176064.08.01
Instrument ID : CETAC

Parameter	Initial Calibration		Continuing Calibration				Preparation	
	Blank		Blank(s)				Blank	
Lab ID :	R1053245-10		R1053245-12		R1053245-14	R1053245-16	WG1095394-1	
Date Analyzed:	03/08/18 14:07		03/08/18 14:30		03/08/18 14:51	03/08/18 15:14	03/08/18 15:15	
	mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q
Mercury	0.0000390	U	0.0000390	U	0.0000390	U	0.0002	U



Form 3 Blanks

Client : AMEC Foster Wheeler E & I, Inc. **Lab Number** : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT **Project Number** : 3616176064.08.01
Instrument ID : CETAC

Parameter	Initial Calibration		Continuing Calibration				Preparation	
	Blank	Q	Blank(s)		mg/l	Q	mg/l	Q
Lab ID :			R1053245-18		R1053245-20			
Date Analyzed:			03/08/18 15:34		03/08/18 15:55			
Mercury			0.0000390 U		0.0000390 U			



Form 7 Laboratory Control Sample

Client	: AMEC Foster Wheeler E & I, Inc.	Lab Number	: L1806872
Project Name	: STRATFORD ARMY ENGINE PLANT	Project Number	: 3616176064.08.01
Client Sample ID	: NA	Matrix	: SOIL
Lab Sample ID	: WG1095394-2	LCS Analysis Date	: 03/08/18 15:17
Dup Sample ID	:	LCSD Analysis Date:	

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (mg/l)	Found (mg/l)	%R	True (mg/l)	Found (mg/l)	%R			
Mercury, TCLP	0.00500	0.00510	102.					80-120	20



Form 12 Preparation Log

Client : AMEC Foster Wheeler E & I, Inc. Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT Project Number : 3616176064.08.01
Matrix : SOIL Prep Method : EPA 7470A

Sample Number	Preparation Date	Weight (gram)	Volume (mL)
L1806872-01	03/07/18 15:40	-	5
L1806872-02	03/07/18 15:40	-	5
L1806872-03	03/07/18 15:40	-	5
L1806872-04	03/07/18 15:40	-	5
L1806872-05	03/07/18 15:40	-	5
L1806872-06	03/07/18 15:40	-	5
L1806872-07	03/07/18 15:40	-	5
L1806872-08	03/07/18 15:40	-	5
L1806872-09	03/07/18 15:40	-	5
L1806872-10	03/07/18 15:40	-	5
L1806872-11	03/07/18 15:40	-	5
L1806872-12	03/07/18 15:40	-	5
WG1095394-1	03/07/18 15:40	-	5
WG1095394-2	03/07/18 15:40	-	5



Organic Summary Forms



Form 1

SemiVolatile Organics

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-01	Date Collected : 02/27/18 11:28
Client ID : SDT-DS-BFT-PC03	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/07/18 22:38
Sample Matrix : SOIL	Date Extracted : 03/06/18
Analytical Method : 105,8270D-SIM/680(M)	Dilution Factor : 1
Lab File ID : F203071811	Analyst : MJS
Sample Amount : 1000 ml	Instrument ID : BNA2
Extraction Method : EPA 3510C	GC Column : RTX-5
Extract Volume : 1000 uL	%Solids : NA
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
27323-18-8	Monochlorobiphenyls	ND	0.500	0.500	U
25512-42-9	Dichlorobiphenyls	16.6	0.500	0.500	
25323-68-6	Trichlorobiphenyls	35.4	0.500	0.500	
26914-33-0	Tetrachlorobiphenyls	44.4	0.500	0.500	
25429-29-2	Pentachlorobiphenyls	ND	0.500	0.500	U
26601-64-9	Hexachlorobiphenyls	ND	0.500	0.500	U
28655-71-2	Heptachlorobiphenyls	ND	0.500	0.500	U
55722-26-4	Octachlorobiphenyls	ND	0.500	0.500	U
53742-07-7	Nonachlorobiphenyls	ND	0.500	0.500	U
2051-24-3	Decachlorobiphenyl	ND	0.500	0.500	U
NONE	Total Homologs	96.4	0.500	0.500	



Form 1

SemiVolatile Organics

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-02	Date Collected : 02/27/18 11:30
Client ID : SDT-DS-BFT-PC06	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/07/18 23:52
Sample Matrix : SOIL	Date Extracted : 03/06/18
Analytical Method : 105,8270D-SIM/680(M)	Dilution Factor : 1
Lab File ID : F203071812	Analyst : MJS
Sample Amount : 1000 ml	Instrument ID : BNA2
Extraction Method : EPA 3510C	GC Column : RTX-5
Extract Volume : 1000 uL	%Solids : NA
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
27323-18-8	Monochlorobiphenyls	ND	0.500	0.500	U
25512-42-9	Dichlorobiphenyls	25.9	0.500	0.500	
25323-68-6	Trichlorobiphenyls	99.2	0.500	0.500	
26914-33-0	Tetrachlorobiphenyls	98.2	0.500	0.500	
25429-29-2	Pentachlorobiphenyls	7.29	0.500	0.500	
26601-64-9	Hexachlorobiphenyls	ND	0.500	0.500	U
28655-71-2	Heptachlorobiphenyls	ND	0.500	0.500	U
55722-26-4	Octachlorobiphenyls	ND	0.500	0.500	U
53742-07-7	Nonachlorobiphenyls	ND	0.500	0.500	U
2051-24-3	Decachlorobiphenyl	ND	0.500	0.500	U
NONE	Total Homologs	231	0.500	0.500	



Form 1

SemiVolatile Organics

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-03	Date Collected : 02/27/18 11:32
Client ID : SDT-DS-BFT-PC08	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 03:24
Sample Matrix : SOIL	Date Extracted : 03/06/18
Analytical Method : 105,8270D-SIM/680(M)	Dilution Factor : 1
Lab File ID : F203071815	Analyst : MJS
Sample Amount : 1000 ml	Instrument ID : BNA2
Extraction Method : EPA 3510C	GC Column : RTX-5
Extract Volume : 1000 uL	%Solids : NA
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
27323-18-8	Monochlorobiphenyls	ND	0.500	0.500	U
25512-42-9	Dichlorobiphenyls	27.8	0.500	0.500	
25323-68-6	Trichlorobiphenyls	104	0.500	0.500	
26914-33-0	Tetrachlorobiphenyls	94.8	0.500	0.500	
25429-29-2	Pentachlorobiphenyls	8.21	0.500	0.500	
26601-64-9	Hexachlorobiphenyls	1.91	0.500	0.500	
28655-71-2	Heptachlorobiphenyls	ND	0.500	0.500	U
55722-26-4	Octachlorobiphenyls	ND	0.500	0.500	U
53742-07-7	Nonachlorobiphenyls	ND	0.500	0.500	U
2051-24-3	Decachlorobiphenyl	ND	0.500	0.500	U
NONE	Total Homologs	237	0.500	0.500	



Form 1

SemiVolatile Organics

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-04	Date Collected : 02/27/18 11:34
Client ID : SDT-DS-BFT-CC03	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 04:39
Sample Matrix : SOIL	Date Extracted : 03/06/18
Analytical Method : 105,8270D-SIM/680(M)	Dilution Factor : 1
Lab File ID : F203071816	Analyst : MJS
Sample Amount : 1000 ml	Instrument ID : BNA2
Extraction Method : EPA 3510C	GC Column : RTX-5
Extract Volume : 1000 uL	%Solids : NA
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
27323-18-8	Monochlorobiphenyls	ND	0.500	0.500	U
25512-42-9	Dichlorobiphenyls	22.0	0.500	0.500	
25323-68-6	Trichlorobiphenyls	83.9	0.500	0.500	
26914-33-0	Tetrachlorobiphenyls	120	0.500	0.500	
25429-29-2	Pentachlorobiphenyls	15.3	0.500	0.500	
26601-64-9	Hexachlorobiphenyls	5.38	0.500	0.500	
28655-71-2	Heptachlorobiphenyls	2.62	0.500	0.500	
55722-26-4	Octachlorobiphenyls	ND	0.500	0.500	U
53742-07-7	Nonachlorobiphenyls	ND	0.500	0.500	U
2051-24-3	Decachlorobiphenyl	ND	0.500	0.500	U
NONE	Total Homologs	249	0.500	0.500	



Form 1

SemiVolatile Organics

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-05	Date Collected : 02/27/18 11:36
Client ID : SDT-DS-BFT-CC06	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 05:53
Sample Matrix : SOIL	Date Extracted : 03/06/18
Analytical Method : 105,8270D-SIM/680(M)	Dilution Factor : 1
Lab File ID : F203071817	Analyst : MJS
Sample Amount : 1000 ml	Instrument ID : BNA2
Extraction Method : EPA 3510C	GC Column : RTX-5
Extract Volume : 1000 uL	%Solids : NA
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
27323-18-8	Monochlorobiphenyls	ND	0.500	0.500	U
25512-42-9	Dichlorobiphenyls	23.3	0.500	0.500	
25323-68-6	Trichlorobiphenyls	92.8	0.500	0.500	
26914-33-0	Tetrachlorobiphenyls	81.2	0.500	0.500	
25429-29-2	Pentachlorobiphenyls	7.24	0.500	0.500	
26601-64-9	Hexachlorobiphenyls	1.50	0.500	0.500	
28655-71-2	Heptachlorobiphenyls	ND	0.500	0.500	U
55722-26-4	Octachlorobiphenyls	ND	0.500	0.500	U
53742-07-7	Nonachlorobiphenyls	ND	0.500	0.500	U
2051-24-3	Decachlorobiphenyl	ND	0.500	0.500	U
NONE	Total Homologs	206	0.500	0.500	



Form 1

SemiVolatile Organics

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-06	Date Collected : 02/27/18 11:38
Client ID : SDT-DS-BFT-CC08	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 07:07
Sample Matrix : SOIL	Date Extracted : 03/06/18
Analytical Method : 105,8270D-SIM/680(M)	Dilution Factor : 1
Lab File ID : F203071818	Analyst : MJS
Sample Amount : 1000 ml	Instrument ID : BNA2
Extraction Method : EPA 3510C	GC Column : RTX-5
Extract Volume : 1000 uL	%Solids : NA
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
27323-18-8	Monochlorobiphenyls	ND	0.500	0.500	U
25512-42-9	Dichlorobiphenyls	24.9	0.500	0.500	
25323-68-6	Trichlorobiphenyls	84.3	0.500	0.500	
26914-33-0	Tetrachlorobiphenyls	78.7	0.500	0.500	
25429-29-2	Pentachlorobiphenyls	7.44	0.500	0.500	
26601-64-9	Hexachlorobiphenyls	1.29	0.500	0.500	
28655-71-2	Heptachlorobiphenyls	ND	0.500	0.500	U
55722-26-4	Octachlorobiphenyls	ND	0.500	0.500	U
53742-07-7	Nonachlorobiphenyls	ND	0.500	0.500	U
2051-24-3	Decachlorobiphenyl	ND	0.500	0.500	U
NONE	Total Homologs	197	0.500	0.500	



Form 1

SemiVolatile Organics

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-07	Date Collected : 02/27/18 11:40
Client ID : SDT-DS-GVT-PC02	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 08:21
Sample Matrix : SOIL	Date Extracted : 03/06/18
Analytical Method : 105,8270D-SIM/680(M)	Dilution Factor : 1
Lab File ID : F203071819	Analyst : MJS
Sample Amount : 1000 ml	Instrument ID : BNA2
Extraction Method : EPA 3510C	GC Column : RTX-5
Extract Volume : 1000 uL	%Solids : NA
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
27323-18-8	Monochlorobiphenyls	ND	0.500	0.500	U
25512-42-9	Dichlorobiphenyls	27.0	0.500	0.500	
25323-68-6	Trichlorobiphenyls	166	0.500	0.500	
26914-33-0	Tetrachlorobiphenyls	118	0.500	0.500	
25429-29-2	Pentachlorobiphenyls	15.8	0.500	0.500	
26601-64-9	Hexachlorobiphenyls	4.42	0.500	0.500	
28655-71-2	Heptachlorobiphenyls	1.48	0.500	0.500	
55722-26-4	Octachlorobiphenyls	ND	0.500	0.500	U
53742-07-7	Nonachlorobiphenyls	ND	0.500	0.500	U
2051-24-3	Decachlorobiphenyl	ND	0.500	0.500	U
NONE	Total Homologs	333	0.500	0.500	



Form 1

SemiVolatile Organics

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-08	Date Collected : 02/27/18 11:42
Client ID : SDT-DS-GVT-PC04	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 09:35
Sample Matrix : SOIL	Date Extracted : 03/06/18
Analytical Method : 105,8270D-SIM/680(M)	Dilution Factor : 1
Lab File ID : F203071820	Analyst : MJS
Sample Amount : 1000 ml	Instrument ID : BNA2
Extraction Method : EPA 3510C	GC Column : RTX-5
Extract Volume : 1000 uL	%Solids : NA
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
27323-18-8	Monochlorobiphenyls	ND	0.500	0.500	U
25512-42-9	Dichlorobiphenyls	25.2	0.500	0.500	
25323-68-6	Trichlorobiphenyls	123	0.500	0.500	
26914-33-0	Tetrachlorobiphenyls	84.4	0.500	0.500	
25429-29-2	Pentachlorobiphenyls	8.90	0.500	0.500	
26601-64-9	Hexachlorobiphenyls	1.51	0.500	0.500	
28655-71-2	Heptachlorobiphenyls	ND	0.500	0.500	U
55722-26-4	Octachlorobiphenyls	ND	0.500	0.500	U
53742-07-7	Nonachlorobiphenyls	ND	0.500	0.500	U
2051-24-3	Decachlorobiphenyl	ND	0.500	0.500	U
NONE	Total Homologs	243	0.500	0.500	



Form 1

SemiVolatile Organics

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-09	Date Collected : 02/27/18 11:44
Client ID : SDT-DS-GVT-PC05	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 10:49
Sample Matrix : SOIL	Date Extracted : 03/06/18
Analytical Method : 105,8270D-SIM/680(M)	Dilution Factor : 1
Lab File ID : F203071821	Analyst : MJS
Sample Amount : 1000 ml	Instrument ID : BNA2
Extraction Method : EPA 3510C	GC Column : RTX-5
Extract Volume : 1000 uL	%Solids : NA
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
27323-18-8	Monochlorobiphenyls	ND	0.500	0.500	U
25512-42-9	Dichlorobiphenyls	28.5	0.500	0.500	
25323-68-6	Trichlorobiphenyls	144	0.500	0.500	
26914-33-0	Tetrachlorobiphenyls	108	0.500	0.500	
25429-29-2	Pentachlorobiphenyls	11.9	0.500	0.500	
26601-64-9	Hexachlorobiphenyls	1.98	0.500	0.500	
28655-71-2	Heptachlorobiphenyls	ND	0.500	0.500	U
55722-26-4	Octachlorobiphenyls	ND	0.500	0.500	U
53742-07-7	Nonachlorobiphenyls	ND	0.500	0.500	U
2051-24-3	Decachlorobiphenyl	ND	0.500	0.500	U
NONE	Total Homologs	294	0.500	0.500	



Form 1

SemiVolatile Organics

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-10	Date Collected : 02/27/18 11:46
Client ID : SDT-DS-GVT-CC02	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 12:03
Sample Matrix : SOIL	Date Extracted : 03/06/18
Analytical Method : 105,8270D-SIM/680(M)	Dilution Factor : 1
Lab File ID : F203071822	Analyst : MJS
Sample Amount : 1000 ml	Instrument ID : BNA2
Extraction Method : EPA 3510C	GC Column : RTX-5
Extract Volume : 1000 uL	%Solids : NA
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
27323-18-8	Monochlorobiphenyls	ND	0.500	0.500	U
25512-42-9	Dichlorobiphenyls	23.9	0.500	0.500	
25323-68-6	Trichlorobiphenyls	102	0.500	0.500	
26914-33-0	Tetrachlorobiphenyls	159	0.500	0.500	
25429-29-2	Pentachlorobiphenyls	23.3	0.500	0.500	
26601-64-9	Hexachlorobiphenyls	5.68	0.500	0.500	
28655-71-2	Heptachlorobiphenyls	3.17	0.500	0.500	
55722-26-4	Octachlorobiphenyls	3.71	0.500	0.500	
53742-07-7	Nonachlorobiphenyls	ND	0.500	0.500	U
2051-24-3	Decachlorobiphenyl	ND	0.500	0.500	U
NONE	Total Homologs	321	0.500	0.500	



Form 1

SemiVolatile Organics

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-11	Date Collected : 02/27/18 11:48
Client ID : SDT-DS-GVT-CC04	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 13:18
Sample Matrix : SOIL	Date Extracted : 03/06/18
Analytical Method : 105,8270D-SIM/680(M)	Dilution Factor : 1
Lab File ID : F203071823	Analyst : MJS
Sample Amount : 1000 ml	Instrument ID : BNA2
Extraction Method : EPA 3510C	GC Column : RTX-5
Extract Volume : 1000 uL	%Solids : NA
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
27323-18-8	Monochlorobiphenyls	ND	0.500	0.500	U
25512-42-9	Dichlorobiphenyls	24.0	0.500	0.500	
25323-68-6	Trichlorobiphenyls	103	0.500	0.500	
26914-33-0	Tetrachlorobiphenyls	115	0.500	0.500	
25429-29-2	Pentachlorobiphenyls	13.8	0.500	0.500	
26601-64-9	Hexachlorobiphenyls	2.92	0.500	0.500	
28655-71-2	Heptachlorobiphenyls	1.76	0.500	0.500	
55722-26-4	Octachlorobiphenyls	ND	0.500	0.500	U
53742-07-7	Nonachlorobiphenyls	ND	0.500	0.500	U
2051-24-3	Decachlorobiphenyl	ND	0.500	0.500	U
NONE	Total Homologs	260	0.500	0.500	



Form 1

SemiVolatile Organics

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : L1806872-12	Date Collected : 02/27/18 11:50
Client ID : SDT-DS-GVT-CC05	Date Received : 02/28/18
Sample Location : STRATFORD, CT	Date Analyzed : 03/08/18 14:32
Sample Matrix : SOIL	Date Extracted : 03/06/18
Analytical Method : 105,8270D-SIM/680(M)	Dilution Factor : 1
Lab File ID : F203071824	Analyst : MJS
Sample Amount : 1000 ml	Instrument ID : BNA2
Extraction Method : EPA 3510C	GC Column : RTX-5
Extract Volume : 1000 uL	%Solids : NA
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
27323-18-8	Monochlorobiphenyls	ND	0.500	0.500	U
25512-42-9	Dichlorobiphenyls	27.2	0.500	0.500	
25323-68-6	Trichlorobiphenyls	102	0.500	0.500	
26914-33-0	Tetrachlorobiphenyls	118	0.500	0.500	
25429-29-2	Pentachlorobiphenyls	11.4	0.500	0.500	
26601-64-9	Hexachlorobiphenyls	2.75	0.500	0.500	
28655-71-2	Heptachlorobiphenyls	1.03	0.500	0.500	
55722-26-4	Octachlorobiphenyls	ND	0.500	0.500	U
53742-07-7	Nonachlorobiphenyls	ND	0.500	0.500	U
2051-24-3	Decachlorobiphenyl	ND	0.500	0.500	U
NONE	Total Homologs	262	0.500	0.500	



Form 1

SemiVolatile Organics

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Lab ID : WG1094741-1	Date Collected : NA
Client ID : WG1094741-1BLANK	Date Received : NA
Sample Location :	Date Analyzed : 03/07/18 12:31
Sample Matrix : SOIL	Date Extracted : 03/06/18
Analytical Method : 105,8270D-SIM/680(M)	Dilution Factor : 1
Lab File ID : F203071803	Analyst : MJS
Sample Amount : 1000 ml	Instrument ID : BNA2
Extraction Method : EPA 3510C	GC Column : RTX-5
Extract Volume : 1000 uL	%Solids : NA
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
27323-18-8	Monochlorobiphenyls	ND	0.500	0.500	U
25512-42-9	Dichlorobiphenyls	ND	0.500	0.500	U
25323-68-6	Trichlorobiphenyls	ND	0.500	0.500	U
26914-33-0	Tetrachlorobiphenyls	ND	0.500	0.500	U
25429-29-2	Pentachlorobiphenyls	ND	0.500	0.500	U
26601-64-9	Hexachlorobiphenyls	ND	0.500	0.500	U
28655-71-2	Heptachlorobiphenyls	ND	0.500	0.500	U
55722-26-4	Octachlorobiphenyls	ND	0.500	0.500	U
53742-07-7	Nonachlorobiphenyls	ND	0.500	0.500	U
2051-24-3	Decachlorobiphenyl	ND	0.500	0.500	U
NONE	Total Homologs	ND	0.500	0.500	U



Form 2 Surrogate Recovery PCBS

Client: AMEC Foster Wheeler E & I, Inc.
Project Name: STRATFORD ARMY ENGINE PLANT

Lab Number: L1806872
Project Number: 3616176064.08.01
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	TOT OUT
SDT-DS-BFT-PC03 (L1806872-01)	76	72	--	--	--	--	0
SDT-DS-BFT-PC06 (L1806872-02)	83	87	--	--	--	--	0
SDT-DS-BFT-PC08 (L1806872-03)	80	83	--	--	--	--	0
SDT-DS-BFT-CC03 (L1806872-04)	88	89	--	--	--	--	0
SDT-DS-BFT-CC06 (L1806872-05)	77	78	--	--	--	--	0
SDT-DS-BFT-CC08 (L1806872-06)	81	80	--	--	--	--	0
SDT-DS-GVT-PC02 (L1806872-07)	84	86	--	--	--	--	0
SDT-DS-GVT-PC04 (L1806872-08)	80	80	--	--	--	--	0
SDT-DS-GVT-PC05 (L1806872-09)	85	87	--	--	--	--	0
SDT-DS-GVT-CC02 (L1806872-10)	79	88	--	--	--	--	0
SDT-DS-GVT-CC04 (L1806872-11)	77	85	--	--	--	--	0
SDT-DS-GVT-CC05 (L1806872-12)	84	86	--	--	--	--	0
WG1094741-1BLANK	87	83	--	--	--	--	0
WG1094741-2LCS	88	90	--	--	--	--	0
WG1094741-3LCSD	79	89	--	--	--	--	0

QC LIMITS

(50-125) S1 = CL3-BZ#19-C13

(50-125) S2 = CL8-BZ#202-C13

* Values outside of QC limits

FORM II A2-PCBHOMS-SPLP



Laboratory Control Sample Form 3

Client : AMEC Foster Wheeler E & I, Inc. Lab Number : L1806872
 Project Name : STRATFORD ARMY ENGINE PLANT Project Number : 3616176064.08.01
 Matrix : SOIL
 LCS Sample ID : WG1094741-2 Analysis Date : 03/07/18 15:13 File ID : F203071805
 LCSD Sample ID : WG1094741-3 Analysis Date : 03/07/18 16:27 File ID : F203071806

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R			
CI1-BZ#1	100	85.9	86	100	78.0	78	10	40-140	30
CI1-BZ#2	100	82.7	83	100	76.3	76	9	40-140	30
CL1-BZ#3	100	82.9	83	100	77.2	77	8	40-140	30
CI2-BZ#4/#10	200	173.	86	200	156.	78	10	40-140	30
CI2-BZ#9	100	83.9	84	100	76.3	76	10	40-140	30
CI2-BZ#7	100	84.8	85	100	78.4	78	9	40-140	30
CI2-BZ#6	100	83.0	83	100	76.0	76	9	40-140	30
CI2-BZ#5	100	83.2	83	100	75.7	76	9	40-140	30
CI2-BZ#8	100	83.9	84	100	76.6	77	9	40-140	30
CI3-BZ#19	100	84.0	84	100	75.4	75	11	40-140	30
CI2-BZ#14	100	83.4	83	100	76.3	76	9	40-140	30
CI3-BZ#30	100	84.5	84	100	76.3	76	10	40-140	30
CI3-BZ#18	100	81.8	82	100	74.2	74	10	40-140	30
CI2-BZ#11	100	84.5	84	100	77.6	78	7	40-140	30
CI3-BZ#17	100	84.0	84	100	76.0	76	10	40-140	30
CI2-BZ#12	100	83.8	84	100	76.8	77	9	40-140	30
CI3-BZ#27	100	84.5	84	100	76.6	76	10	40-140	30
CI2-BZ#13	100	82.7	83	100	76.6	76	9	40-140	30
CI3-BZ#24	100	85.1	85	100	77.0	77	10	40-140	30
CI3-BZ#16	100	82.4	82	100	74.9	75	9	40-140	30
CI3-BZ#32	100	83.4	83	100	75.9	76	9	40-140	30
CI2-BZ#15	100	80.4	80	100	74.7	75	6	40-140	30
CI3-BZ#34	100	83.7	84	100	76.2	76	10	40-140	30
CI3-BZ#23	100	85.7	86	100	77.7	78	10	40-140	30
CI4-BZ#54	100	85.8	86	100	77.1	77	11	40-140	30
CI3-BZ#29	100	83.6	84	100	75.8	76	10	40-140	30
CI4-BZ#50	100	84.3	84	100	75.8	76	10	40-140	30
CI3-BZ#26	100	83.9	84	100	76.2	76	10	40-140	30



Laboratory Control Sample Form 3

Client : AMEC Foster Wheeler E & I, Inc. Lab Number : L1806872
 Project Name : STRATFORD ARMY ENGINE PLANT Project Number : 3616176064.08.01
 Matrix : SOIL
 LCS Sample ID : WG1094741-2 Analysis Date : 03/07/18 15:13 File ID : F203071805
 LCSD Sample ID : WG1094741-3 Analysis Date : 03/07/18 16:27 File ID : F203071806

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R			
CI3-BZ#25	100	82.9	83	100	75.8	76	9	40-140	30
CI4-BZ#53	100	84.2	84	100	76.1	76	10	40-140	30
CI3-BZ#-31	100	82.4	82	100	75.2	75	9	40-140	30
CI3-BZ#28	100	83.6	84	100	71.1	71	17	40-140	30
CI3-BZ#33	100	88.2	88	100	91.4	91	3	40-140	30
CI4-BZ#51	100	86.5	86	100	79.1	79	8	40-140	30
CI3-BZ#21/#20	200	172.	86	200	154.	77	11	40-140	30
CI4-BZ#45	100	84.6	85	100	77.3	77	10	40-140	30
CI3-BZ#22	100	84.6	85	100	77.6	78	9	40-140	30
CI4-BZ#73/#46	200	173.	86	200	157.	79	8	40-140	30
CI4-BZ#69	100	85.6	86	100	74.6	75	14	40-140	30
CI4-BZ#43	100	84.2	84	100	80.7	81	4	40-140	30
CI3-BZ#36	100	88.6	89	100	80.6	81	9	40-140	30
CI4-BZ#52	100	83.6	84	100	75.7	76	10	40-140	30
CI4-BZ#48	100	87.4	87	100	79.2	79	10	40-140	30
CI4-BZ#49	100	84.4	84	100	75.7	76	10	40-140	30
CI5-BZ#104	100	86.0	86	100	77.5	78	10	40-140	30
CI4-BZ#47	100	80.9	81	100	74.8	75	8	40-140	30
CI4-BZ#65/#75/#62	300	265.	88	300	238.	79	11	40-140	30
CI3-BZ#39	100	85.2	85	100	79.2	79	7	40-140	30
CI3-BZ#38	100	89.4	89	100	81.8	82	8	40-140	30
CI4-BZ#44	100	84.9	85	100	76.5	76	11	40-140	30
CI4-BZ#59	100	82.9	83	100	76.0	76	9	40-140	30
CI4-BZ#42	100	88.5	88	100	78.9	79	11	40-140	30
CI4-BZ#71	100	85.3	85	100	77.8	78	9	40-140	30
CI3-BZ#35	100	86.3	86	100	80.3	80	7	40-140	30
CI4-BZ#41	100	87.7	88	100	79.7	80	10	40-140	30
CI4-BZ#72	100	89.1	89	100	82.3	82	8	40-140	30



Laboratory Control Sample Form 3

Client : AMEC Foster Wheeler E & I, Inc. Lab Number : L1806872
 Project Name : STRATFORD ARMY ENGINE PLANT Project Number : 3616176064.08.01
 Matrix : SOIL
 LCS Sample ID : WG1094741-2 Analysis Date : 03/07/18 15:13 File ID : F203071805
 LCSD Sample ID : WG1094741-3 Analysis Date : 03/07/18 16:27 File ID : F203071806

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R			
CI5-BZ#96	100	87.6	88	100	79.6	80	10	40-140	30
CI5-BZ#103	100	90.4	90	100	81.9	82	9	40-140	30
CI4-BZ#68/#64	200	178.	89	200	162.	81	9	40-140	30
CI4-BZ#40	100	86.7	87	100	78.7	79	10	40-140	30
CI3-BZ#37	100	85.8	86	100	80.5	80	7	40-140	30
CI5-BZ#100	100	88.4	88	100	82.0	82	7	40-140	30
CI5-BZ#94	100	91.7	92	100	84.7	85	8	40-140	30
CI4-BZ#57	100	86.9	87	100	79.3	79	10	40-140	30
CI4-BZ#67/#58	200	178.	89	200	164.	82	8	40-140	30
CI5-BZ#102	100	90.3	90	100	82.7	83	8	40-140	30
CI4-BZ#61	100	87.1	87	100	80.0	80	8	40-140	30
CI5-BZ#98	100	89.4	89	100	81.5	81	9	40-140	30
CI4-BZ#76	100	92.0	92	100	85.4	85	8	40-140	30
CI5-BZ#93	100	88.7	89	100	82.4	82	8	40-140	30
CI4-BZ#63	100	85.2	85	100	78.3	78	9	40-140	30
CI5-BZ#121/#95/#88	300	275.	92	300	250.	84	9	40-140	30
CI4-BZ#74	100	86.8	87	100	80.7	81	7	40-140	30
CI6-BZ#155	100	88.5	88	100	80.6	81	8	40-140	30
CI4-BZ#70	100	88.7	89	100	81.4	81	9	40-140	30
CI5-BZ#91	100	87.5	88	100	81.0	81	8	40-140	30
CI4-BZ#66	100	88.3	88	100	82.5	82	7	40-140	30
CI4-BZ#80	100	88.0	88	100	82.4	82	7	40-140	30
CI4-BZ#55	100	88.8	89	100	82.5	82	8	40-140	30
CI5-BZ#92	100	89.6	90	100	82.9	83	8	40-140	30
CI5-BZ#89/#84	200	180.	90	200	163.	81	11	40-140	30
CI5-BZ#101/#90	200	174.	87	200	165.	82	6	40-140	30
CI4-BZ#56	100	89.9	90	100	83.4	83	8	40-140	30
CI5-BZ#113	100	97.3	97	100	89.3	89	9	40-140	30



Laboratory Control Sample Form 3

Client : AMEC Foster Wheeler E & I, Inc. **Lab Number** : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT **Project Number** : 3616176064.08.01
Matrix : SOIL
LCS Sample ID : WG1094741-2 **Analysis Date** : 03/07/18 15:13 **File ID** : F203071805
LCSD Sample ID : WG1094741-3 **Analysis Date** : 03/07/18 16:27 **File ID** : F203071806

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R			
CI5-BZ#99	100	88.1	88	100	82.9	83	6	40-140	30
CI6-BZ#150	100	89.3	89	100	82.6	83	7	40-140	30
CI4-BZ#60	100	89.1	89	100	83.2	83	7	40-140	30
CI6-BZ#152	100	88.3	88	100	82.0	82	7	40-140	30
CI5-BZ#119	100	94.1	94	100	89.0	89	5	40-140	30
CI5-BZ#83/#125/#112	300	279.	93	300	259.	86	8	40-140	30
CI5-BZ#86/#109	200	175.	87	200	162.	81	7	40-140	30
CI6-BZ#145	100	89.6	90	100	82.7	83	8	40-140	30
CI5-BZ#97	100	94.1	94	100	87.3	87	8	40-140	30
CI6-BZ#148	100	89.6	90	100	84.0	84	7	40-140	30
CI4-BZ#79	100	89.4	89	100	85.1	85	5	40-140	30
CI5-BZ#116	100	88.7	89	100	82.9	83	7	40-140	30
CI6-BZ#154	100	90.0	90	100	84.1	84	7	40-140	30
CI4-BZ#78	100	89.4	89	100	85.8	86	3	40-140	30
CI5-BZ#87/#111	200	188.	94	200	178.	89	5	40-140	30
CI6-BZ#136	100	90.6	91	100	84.5	84	8	40-140	30
CI5-BZ#117	100	83.6	84	100	78.8	79	6	40-140	30
CI5-BZ#115	100	101.	101	100	95.6	96	5	40-140	30
CI5-BZ#85	100	83.9	84	100	78.9	79	6	40-140	30
CI5-BZ#120	100	91.7	92	100	87.0	87	6	40-140	30
CI5-BZ#110	100	88.2	88	100	84.4	84	5	40-140	30
CI4-BZ#81	100	87.0	87	100	83.8	84	4	40-140	30
CI6-BZ#151	100	87.1	87	100	84.9	85	2	40-140	30
CI6-BZ#135	100	90.4	90	100	88.6	88	2	40-140	30
CI5-BZ#82	100	90.7	91	100	90.5	90	1	40-140	30
CI6-BZ#144	100	89.0	89	100	87.0	87	2	40-140	30
CI6-BZ#147/#149	200	178.	89	200	175.	88	1	40-140	30
CI4-BZ#77	100	86.0	86	100	87.7	88	2	40-140	30



Laboratory Control Sample Form 3

Client : AMEC Foster Wheeler E & I, Inc. Lab Number : L1806872
 Project Name : STRATFORD ARMY ENGINE PLANT Project Number : 3616176064.08.01
 Matrix : SOIL
 LCS Sample ID : WG1094741-2 Analysis Date : 03/07/18 15:13 File ID : F203071805
 LCSD Sample ID : WG1094741-3 Analysis Date : 03/07/18 16:27 File ID : F203071806

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R			
Cl6-BZ#143/#139	200	181.	90	200	180.	90	0	40-140	30
Cl5-BZ#124	100	90.8	91	100	90.5	90	1	40-140	30
Cl6-BZ#140	100	90.8	91	100	89.0	89	2	40-140	30
Cl5-BZ#108	100	98.6	99	100	98.2	98	1	40-140	30
Cl5-BZ#107/#123	200	179.	89	200	177.	88	1	40-140	30
Cl7-BZ#188	100	91.8	92	100	89.4	89	3	40-140	30
Cl6-BZ#134	100	89.5	90	100	88.5	88	2	40-140	30
Cl5-BZ#106	100	96.6	97	100	83.4	83	16	40-140	30
Cl6-BZ#133	100	103.	103	100	102.	102	1	40-140	30
Cl6-BZ#142	100	72.4	72	100	68.1	68	6	40-140	30
Cl5-BZ#118	100	91.0	91	100	91.1	91	0	40-140	30
Cl6-BZ#131	100	91.0	91	100	90.3	90	1	40-140	30
Cl7-BZ#184	100	89.6	90	100	87.6	88	2	40-140	30
Cl6-BZ#165	100	92.4	92	100	91.5	92	0	40-140	30
Cl6-BZ#146	100	86.6	87	100	86.6	86	1	40-140	30
Cl6-BZ#161	100	91.6	92	100	91.0	91	1	40-140	30
Cl5-BZ#122	100	92.0	92	100	91.7	92	0	40-140	30
Cl6-BZ#168	100	100.	100	100	81.6	82	20	40-140	30
Cl5-BZ#114	100	91.4	91	100	92.5	92	1	40-140	30
Cl6-BZ#153	100	78.1	78	100	100.	100	25	40-140	30
Cl6-BZ#132	100	88.5	88	100	87.5	88	0	40-140	30
Cl7-BZ#179	100	86.3	86	100	86.1	86	0	40-140	30
Cl6-BZ#141	100	89.1	89	100	88.4	88	1	40-140	30
Cl7-BZ#176	100	87.3	87	100	86.9	87	0	40-140	30
Cl5-BZ#105	100	85.8	86	100	86.0	86	0	40-140	30
Cl6-BZ#137	100	91.0	91	100	90.2	90	1	40-140	30
Cl5-BZ#127	100	87.7	88	100	89.0	89	1	40-140	30
Cl7-BZ#186	100	90.4	90	100	89.0	89	1	40-140	30



Laboratory Control Sample Form 3

Client : AMEC Foster Wheeler E & I, Inc. **Lab Number** : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT **Project Number** : 3616176064.08.01
Matrix : SOIL
LCS Sample ID : WG1094741-2 **Analysis Date** : 03/07/18 15:13 **File ID** : F203071805
LCSD Sample ID : WG1094741-3 **Analysis Date** : 03/07/18 16:27 **File ID** : F203071806

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R			
Cl6-BZ#130/#164	200	184.	92	200	184.	92	0	40-140	30
Cl7-BZ#178	100	88.3	88	100	89.2	89	1	40-140	30
Cl6-BZ#138	100	94.2	94	100	94.9	95	1	40-140	30
Cl6-BZ#163/#160	200	186.	93	200	188.	94	1	40-140	30
Cl6-BZ#129/#158	200	176.	88	200	175.	88	0	40-140	30
Cl7-BZ#182/#175	200	186.	93	200	184.	92	1	40-140	30
Cl7-BZ#187	100	88.2	88	100	88.8	89	1	40-140	30
Cl7-BZ#183	100	88.8	89	100	89.0	89	0	40-140	30
Cl6-BZ#166	100	88.1	88	100	88.4	88	0	40-140	30
Cl6-BZ#159	100	89.9	90	100	90.4	90	0	40-140	30
Cl5-BZ#126	100	90.2	90	100	92.8	93	3	40-140	30
Cl7-BZ#185	100	89.6	90	100	89.3	89	1	40-140	30
Cl6-BZ#162	100	93.4	93	100	93.0	93	0	40-140	30
Cl7-BZ#174	100	90.2	90	100	91.4	91	1	40-140	30
Cl6-BZ#128	100	91.8	92	100	92.6	92	0	40-140	30
Cl8-BZ#202	100	91.3	91	100	91.6	92	1	40-140	30
Cl6-BZ#167	100	89.6	90	100	90.9	91	1	40-140	30
Cl7-BZ#181	100	92.8	93	100	92.9	93	0	40-140	30
Cl7-BZ#177	100	91.0	91	100	91.1	91	0	40-140	30
Cl8-BZ#204/#200-CAL	200	181.	91	200	181.	90	1	40-140	30
Cl7-BZ#171	100	90.2	90	100	91.9	92	2	40-140	30
Cl7-BZ#173	100	89.0	89	100	89.8	90	1	40-140	30
Cl8-BZ#197	100	90.5	90	100	90.4	90	0	40-140	30
Cl7-BZ#172	100	88.9	89	100	90.4	90	1	40-140	30
Cl7-BZ#192	100	90.0	90	100	91.7	92	2	40-140	30
Cl6-BZ#156	100	89.9	90	100	92.3	92	2	40-140	30
Cl6-BZ#157	100	88.5	88	100	91.0	91	3	40-140	30
Cl7-BZ#180	100	89.5	90	100	91.0	91	1	40-140	30



Laboratory Control Sample Form 3

Client : AMEC Foster Wheeler E & I, Inc. **Lab Number** : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT **Project Number** : 3616176064.08.01
Matrix : SOIL
LCS Sample ID : WG1094741-2 **Analysis Date** : 03/07/18 15:13 **File ID** : F203071805
LCSD Sample ID : WG1094741-3 **Analysis Date** : 03/07/18 16:27 **File ID** : F203071806

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R			
CI7-BZ#193	100	87.4	87	100	88.2	88	1	40-140	30
CI8-BZ#199	100	87.6	88	100	87.7	88	0	40-140	30
CI7-BZ#191	100	88.9	89	100	90.4	90	1	40-140	30
CI8-BZ#198	100	85.9	86	100	88.0	88	2	40-140	30
CI8-BZ#201	100	89.2	89	100	89.6	90	1	40-140	30
CI7-BZ#170	100	87.4	87	100	89.6	90	3	40-140	30
CI7-BZ#190	100	89.7	90	100	92.4	92	2	40-140	30
CI8-BZ#196	100	97.5	98	100	100.	100	2	40-140	30
CI8-BZ#203	100	81.8	82	100	81.7	82	0	40-140	30
CI6-BZ#169	100	86.9	87	100	91.9	92	6	40-140	30
CI9-BZ#208	100	83.3	83	100	85.1	85	2	40-140	30
CI9-BZ#207	100	86.9	87	100	88.1	88	1	40-140	30
CI7-BZ#189	100	87.5	88	100	92.5	92	4	40-140	30
CI8-BZ#195	100	85.8	86	100	88.3	88	2	40-140	30
CI8-BZ#194	100	84.0	84	100	87.0	87	4	40-140	30
CI8-BZ#205	100	83.7	84	100	86.5	86	2	40-140	30
CI9-BZ#206	100	82.8	83	100	85.6	86	4	40-140	30
CI10-BZ#209	100	81.6	82	100	84.7	85	4	40-140	30



Method Blank Summary Form 4

Client	: AMEC Foster Wheeler E & I, Inc.	Lab Number	: L1806872
Project Name	: STRATFORD ARMY ENGINE PLANT	Project Number	: 3616176064.08.01
Lab Sample ID	: WG1094741-1	Lab File ID	: F203071803
Instrument ID	: BNA2	Extraction Date	: 03/06/18
Matrix	: SOIL	Analysis Date	: 03/07/18 12:31
Level	: HIGH		

Client Sample No.	Lab Sample ID	Analysis Date
WG1094741-2LCS	WG1094741-2	03/07/18 15:13
WG1094741-3LCSD	WG1094741-3	03/07/18 16:27
SDT-DS-BFT-PC03	L1806872-01	03/07/18 22:38
SDT-DS-BFT-PC06	L1806872-02	03/07/18 23:52
SDT-DS-BFT-PC08	L1806872-03	03/08/18 03:24
SDT-DS-BFT-CC03	L1806872-04	03/08/18 04:39
SDT-DS-BFT-CC06	L1806872-05	03/08/18 05:53
SDT-DS-BFT-CC08	L1806872-06	03/08/18 07:07
SDT-DS-GVT-PC02	L1806872-07	03/08/18 08:21
SDT-DS-GVT-PC04	L1806872-08	03/08/18 09:35
SDT-DS-GVT-PC05	L1806872-09	03/08/18 10:49
SDT-DS-GVT-CC02	L1806872-10	03/08/18 12:03
SDT-DS-GVT-CC04	L1806872-11	03/08/18 13:18
SDT-DS-GVT-CC05	L1806872-12	03/08/18 14:32



**Instrument Performance Check
Decafluorotriphenylphosphine (DFTPP)
Form 5**

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Instrument ID : BNA2	Analysis Date : 02/24/18 09:10
Tune Standard : R1050668-1	Tune File ID : F202241801_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	N/A	30.3
68	N/A	0 (0)1
69		34.6
70	N/A	0.2 (.6)1
127	30-80% of mass 198	46.6
197	Less than 3.0% of mass 198	0
198	Greater than 40% of mass 442	42.2
199	5.0 - 15.0% of mass 198	6.6
275	15.0 - 50.0% of mass 198	32.7
365	Greater than 3.0% of mass 198	4.3
441	Present, but less than mass 443	76.7
442	Base Peak, 100% relative abundance	100
443	18.0 - 30.0% of mass 442	44.8 (18.9)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
0.5 ug/l	R1050668-2	F202241802	02/24/18 10:14
1.0 ug/l	R1050668-4	F202241803	02/24/18 11:28
10 ug/l	R1050668-5	F202241804	02/24/18 12:42
20 ug/l	R1050668-6	F202241805	02/24/18 13:56
50 ug/l	R1050668-3	F202241806	02/24/18 15:10
200 ug/l	R1050668-7	F202241807	02/24/18 16:25
500 ug/l	R1050668-8	F202241808	02/24/18 17:39
ICV Quant Report	R1050668-9	F202241809	02/24/18 18:53



Instrument Performance Check

Decafluorotriphenylphosphine (DFTPP)

Form 5

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Instrument ID : BNA2	Analysis Date : 03/07/18 10:13
Tune Standard : WG1095518-1	Tune File ID : F203071801_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	N/A	33.8
68	N/A	0 (0)1
69		37.4
70	N/A	0.2 (.6)1
127	30-80% of mass 198	46.9
197	Less than 3.0% of mass 198	0
198	Greater than 40% of mass 442	44.9
199	5.0 - 15.0% of mass 198	6.7
275	15.0 - 50.0% of mass 198	32.2
365	Greater than 3.0% of mass 198	4.2
441	Present, but less than mass 443	74.6
442	Base Peak, 100% relative abundance	100
443	18.0 - 30.0% of mass 442	43.4 (19.5)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1095518-2CCAL	WG1095518-2	F203071802	03/07/18 11:17
WG1094741-1BLANK	WG1094741-1	F203071803	03/07/18 12:31
WG1094741-2LCS	WG1094741-2	F203071805	03/07/18 15:13
WG1094741-3LCSD	WG1094741-3	F203071806	03/07/18 16:27
SDT-DS-BFT-PC03	L1806872-01	F203071811	03/07/18 22:38
SDT-DS-BFT-PC06	L1806872-02	F203071812	03/07/18 23:52



Instrument Performance Check

Decafluorotriphenylphosphine (DFTPP)

Form 5

Client : AMEC Foster Wheeler E & I, Inc.	Lab Number : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT	Project Number : 3616176064.08.01
Instrument ID : BNA2	Analysis Date : 03/08/18 01:06
Tune Standard : WG1095518-3	Tune File ID : F203071813_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	N/A	34.9
68	N/A	0 (0)1
69		38.1
70	N/A	0.2 (.6)1
127	30-80% of mass 198	47.5
197	Less than 3.0% of mass 198	0
198	Greater than 40% of mass 442	43
199	5.0 - 15.0% of mass 198	6.7
275	15.0 - 50.0% of mass 198	32.5
365	Greater than 3.0% of mass 198	4.3
441	Present, but less than mass 443	78.3
442	Base Peak, 100% relative abundance	100
443	18.0 - 30.0% of mass 442	43.7 (18.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1095518-4CCAL	WG1095518-4	F203071814	03/08/18 02:10
SDT-DS-BFT-PC08	L1806872-03	F203071815	03/08/18 03:24
SDT-DS-BFT-CC03	L1806872-04	F203071816	03/08/18 04:39
SDT-DS-BFT-CC06	L1806872-05	F203071817	03/08/18 05:53
SDT-DS-BFT-CC08	L1806872-06	F203071818	03/08/18 07:07
SDT-DS-GVT-PC02	L1806872-07	F203071819	03/08/18 08:21
SDT-DS-GVT-PC04	L1806872-08	F203071820	03/08/18 09:35
SDT-DS-GVT-PC05	L1806872-09	F203071821	03/08/18 10:49
SDT-DS-GVT-CC02	L1806872-10	F203071822	03/08/18 12:03
SDT-DS-GVT-CC04	L1806872-11	F203071823	03/08/18 13:18
SDT-DS-GVT-CC05	L1806872-12	F203071824	03/08/18 14:32
WG1095518-6CCAL	WG1095518-6	F203071826	03/08/18 16:50



Initial Calibration Summary

Form 6

Client	: AMEC Foster Wheeler E & I, Inc.	Lab Number	: L1806872
Project Name	: STRATFORD ARMY ENGINE PLANT	Project Number	: 3616176064.08.01
Instrument ID	: BNA2	Ical Ref	: ICAL14481
Calibration dates	: 02/24/18 10:14 02/24/18 17:39		

Calibration Files

.5 =F202241802.D 1 =F202241803.D 10 =F202241804.D 20 =F202241805.D 50 =F202241806.D
 200 =F202241807.D 500 =F202241808.D

Compound	.5	1	10	20	50	200	500	Avg	%RSD
1) i C12-BZ#15-C13	-----ISTD-----								
2) s C13-BZ#19-C13 (surr)	0.366	0.347	0.335	0.344	0.351	0.354	0.366	0.352	3.17
3) A1 C11-BZ#1-Cal/RTW	0.951	0.910	0.892	0.916	0.918	0.922	0.942	0.922	2.16
4) A2 Monochlorobiphenyls	0.951	0.910	0.892	0.916	0.918	0.922	0.942	0.922	2.16
5) A2 C11- conf Ion	0.951	0.910	0.892	0.916	0.918	0.922	0.942	0.922	2.16
6) T C11-BZ#2	1.014	0.947	0.922	0.952	0.967	0.979	1.008	0.970	3.42
7) T C11-BZ#3-RTW	0.956	0.923	0.914	0.942	0.956	0.973	1.001	0.952	3.09
8) T C12-BZ#4/#10-RTW	0.552	0.547	0.532	0.558	0.560	0.568	0.581	0.557	2.81
9) T C12-BZ#9	0.709	0.687	0.681	0.711	0.719	0.739	0.767	0.716	4.15
10) T C12-BZ#7	0.676	0.668	0.670	0.699	0.710	0.723	0.738	0.698	3.93
11) T C12-BZ#6	0.793	0.734	0.728	0.755	0.771	0.785	0.812	0.768	4.03
12) T C12-BZ#5	0.732	0.682	0.657	0.679	0.694	0.706	0.734	0.698	4.07
13) A1 C12-BZ#8	0.780	0.783	0.748	0.785	0.798	0.820	0.842	0.794	3.82
14) A2 Dichlorobiphenyls	0.780	0.783	0.748	0.785	0.798	0.820	0.842	0.794	3.82
15) A2 C12-Conf Ion	0.780	0.783	0.748	0.785	0.798	0.820	0.842	0.794	3.82
16) T C13-BZ#19-RTW	0.411	0.387	0.369	0.384	0.389	0.397	0.407	0.392	3.67
17) T C12-BZ#14	0.754	0.737	0.723	0.752	0.774	0.797	0.825	0.766	4.63
18) T C13-BZ#30	0.611	0.612	0.594	0.621	0.630	0.647	0.666	0.626	3.88
19) T C13-BZ#18	0.465	0.436	0.406	0.424	0.429	0.437	0.452	0.436	4.37
20) T C12-BZ#11	0.805	0.777	0.772	0.815	0.841	0.867	0.877	0.822	5.05
21) T C13-BZ#17	0.434	0.386	0.375	0.397	0.407	0.414	0.425	0.406	5.16
22) T C12-BZ#12	0.712	0.676	0.692	0.719	0.739	0.762	0.791	0.727	5.50
23) T C13-BZ#27	0.550	0.544	0.530	0.559	0.571	0.583	0.595	0.562	4.05
24) T C12-BZ#13	0.800	0.836	0.786	0.819	0.848	0.874	0.903	0.838	4.89
25) T C13-BZ#24	0.568	0.566	0.544	0.571	0.585	0.596	0.612	0.577	3.88
26) T C13-BZ#16	0.369	0.350	0.333	0.349	0.352	0.359	0.369	0.354	3.61
27) T C13-BZ#32	0.652	0.607	0.579	0.605	0.617	0.631	0.649	0.620	4.18
28) T C12-BZ#15-RTW	0.873	0.873	0.818	0.845	0.845	0.837	0.852	0.849	2.33
29) T C13-BZ#34	0.573	0.554	0.552	0.577	0.585	0.598	0.617	0.579	3.99
30) T C13-BZ#23	0.569	0.521	0.535	0.567	0.580	0.596	0.612	0.569	5.62
31) T C14-BZ#54-RTW	0.526	0.510	0.505	0.532	0.538	0.544	0.556	0.530	3.39
32) A1 C13-BZ#29-Cal	0.553	0.566	0.537	0.570	0.579	0.597	0.617	0.574	4.67
33) A2 Trichlorobiphenyls	0.553	0.566	0.537	0.570	0.579	0.597	0.617	0.574	4.67
34) A2 C13- Conf Ion	0.553	0.566	0.537	0.570	0.579	0.597	0.617	0.574	4.67
35) A1 C14-BZ#50-Cal	0.458	0.417	0.417	0.436	0.446	0.455	0.470	0.443	4.57
36) A2 Tetrachlorobiphenyls	0.458	0.417	0.417	0.436	0.446	0.455	0.470	0.443	4.57
37) A2 C14-Conf Ion	0.458	0.417	0.417	0.436	0.446	0.455	0.470	0.443	4.57
38) T C13-BZ#26	0.675	0.609	0.601	0.630	0.645	0.665	0.682	0.644	4.94



Initial Calibration Summary

Form 6

Client	: AMEC Foster Wheeler E & I, Inc.	Lab Number	: L1806872
Project Name	: STRATFORD ARMY ENGINE PLANT	Project Number	: 3616176064.08.01
Instrument ID	: BNA2	Ical Ref	: ICAL14481
Calibration dates	: 02/24/18 10:14 02/24/18 17:39		

Calibration Files

.5 =F202241802.D 1 =F202241803.D 10 =F202241804.D 20 =F202241805.D 50 =F202241806.D
 200 =F202241807.D 500 =F202241808.D

		Compound	.5	1	10	20	50	200	500	Avg	%RSD
39)	T	C13-BZ#25	0.603	0.628	0.588	0.616	0.630	0.650	0.674	0.627	4.62
40)	T	C14-BZ#53	0.499	0.468	0.467	0.486	0.487	0.499	0.513	0.489	3.51
41)	T	C13-BZ#-31	0.858	0.901	0.803	0.845	0.864	0.885	0.904	0.866	4.09
42)	T	C13-BZ#28	0.869	0.828	0.784	0.830	0.858	0.877	0.924	0.853	5.21
43)	T	C13-BZ#33	0.542	0.555	0.557	0.619	0.644	0.646	0.693	0.608	9.48
44)	T	C13-BZ#21/#20	0.708	0.749	0.746	0.770	0.795	0.812	0.808	0.770	4.95
45)	T	C14-BZ#51	0.538	0.484	0.515	0.543	0.561	0.564	0.570	0.539	5.70
46)	T	C14-BZ#45	0.419	0.400	0.400	0.417	0.429	0.436	0.447	0.421	4.18
47)	T	C13-BZ#22	0.714	0.703	0.711	0.751	0.770	0.783	0.818	0.750	5.74
48)	T	C14-BZ#73/#46	0.514	0.549	0.535	0.563	0.586	0.589	0.604	0.563	5.75
49)	T	C14-BZ#69	0.631	0.648	0.632	0.667	0.687	0.703	0.740	0.673	5.97
50)	T	C14-BZ#43	0.449	0.433	0.423	0.441	0.447	0.460	0.457	0.444	2.97
51)	T	C13-BZ#36	0.747	0.757	0.794	0.847	0.867	0.904	0.925	0.835	8.43
52)	T	C14-BZ#52	0.601	0.527	0.504	0.535	0.546	0.552	0.562	0.547	5.57
53)	T	C14-BZ#48	0.461	0.457	0.459	0.489	0.501	0.508	0.525	0.486	5.59
54)	T	C14-BZ#49	0.553	0.514	0.479	0.511	0.526	0.533	0.544	0.523	4.67
55)	T	C15-BZ#104-RTW	0.512	0.534	0.523	0.539	0.548	0.556	0.566	0.540	3.46
56)	T	C14-BZ#47	0.635	0.602	0.600	0.497	0.525	0.529	0.558	0.564	8.87
57)	T	C14-BZ#65/#75/#62	0.608	0.598	0.601	0.682	0.703	0.716	0.729	0.662	8.76
58)	T	C13-BZ#39	0.720	0.733	0.726	0.764	0.781	0.811	0.848	0.769	6.22
59)	T	C13-BZ#38	0.651	0.679	0.705	0.757	0.776	0.801	0.822	0.742	8.68
60)	T	C14-BZ#44	0.417	0.470	0.429	0.454	0.458	0.469	0.488	0.455	5.39
61)	T	C14-BZ#59	0.653	0.685	0.651	0.644	0.660	0.672	0.706	0.667	3.28
62)	T	C14-BZ#42	0.436	0.387	0.378	0.440	0.453	0.463	0.470	0.432	8.36
63)	T	C14-BZ#71	0.699	0.677	0.663	0.693	0.706	0.724	0.744	0.701	3.92
64)	T	C13-BZ#35	0.712	0.736	0.731	0.770	0.797	0.827	0.857	0.776	6.92
65)	T	C14-BZ#41	0.416	0.378	0.407	0.430	0.435	0.449	0.464	0.426	6.64
66)	T	C14-BZ#72	0.657	0.704	0.679	0.737	0.772	0.792	0.794	0.733	7.52
67)	T	C15-BZ#96	0.524	0.573	0.561	0.594	0.604	0.613	0.616	0.584	5.67
68)	T	C15-BZ#103	0.425	0.419	0.423	0.455	0.465	0.474	0.497	0.451	6.64
69)	T	C14-BZ#68/#64	0.628	0.617	0.642	0.685	0.713	0.722	0.747	0.679	7.49
70)	T	C14-BZ#40	0.331	0.308	0.313	0.329	0.339	0.346	0.350	0.331	4.83
71)	T	C13-BZ#37-RTW	0.924	0.996	0.970	1.027	1.063	1.093	1.146	1.031	7.34
72)	T	C15-BZ#100	0.481	0.447	0.457	0.486	0.501	0.505	0.527	0.486	5.71
73)	T	C15-BZ#94	0.302	0.318	0.361	0.367	0.377	0.388	0.400	0.359	10.10
74)	T	C14-BZ#57	0.660	0.651	0.697	0.740	0.772	0.792	0.796	0.730	8.35
75)	T	C14-BZ#67/#58	0.658	0.668	0.699	0.740	0.766	0.793	0.818	0.735	8.41
76)	T	C15-BZ#102	0.480	0.487	0.500	0.518	0.534	0.544	0.554	0.517	5.58



Initial Calibration Summary

Form 6

Client	: AMEC Foster Wheeler E & I, Inc.	Lab Number	: L1806872
Project Name	: STRATFORD ARMY ENGINE PLANT	Project Number	: 3616176064.08.01
Instrument ID	: BNA2	Ical Ref	: ICAL14481
Calibration dates	: 02/24/18 10:14 02/24/18 17:39		

Calibration Files

.5 =F202241802.D 1 =F202241803.D 10 =F202241804.D 20 =F202241805.D 50 =F202241806.D
 200 =F202241807.D 500 =F202241808.D

Compound	.5	1	10	20	50	200	500	Avg	%RSD
77) T C14-BZ#61	0.693	0.667	0.688	0.714	0.742	0.761	0.798	0.723	6.35
78) T C15-BZ#98	0.436	0.446	0.458	0.471	0.490	0.500	0.512	0.473	6.08
79) T C14-BZ#76	0.691	0.698	0.723	0.772	0.797	0.819	0.851	0.764	8.12
80) T C15-BZ#93	0.365	0.333	0.368	0.390	0.395	0.407	0.416	0.382	7.45
81) T C14-BZ#63	0.637	0.657	0.647	0.685	0.709	0.717	0.749	0.686	6.03
82) T C15-BZ#121/#95/#88	0.459	0.470	0.487	0.511	0.530	0.539	0.552	0.507	7.07
83) T C14-BZ#74	0.711	0.707	0.716	0.749	0.781	0.806	0.840	0.759	6.86
84) T C16-BZ#155-RTW	0.551	0.530	0.536	0.565	0.575	0.582	0.595	0.562	4.27
85) T C14-BZ#70	0.761	0.721	0.744	0.770	0.806	0.824	0.844	0.781	5.73
86) T C14-BZ#66	0.650	0.659	0.662	0.709	0.736	0.751	0.785	0.707	7.41
87) T C15-BZ#91	0.446	0.439	0.425	0.437	0.449	0.457	0.474	0.447	3.49
88) T C14-BZ#80	0.684	0.710	0.692	0.733	0.761	0.783	0.821	0.741	6.80
89) T C14-BZ#55	0.700	0.717	0.712	0.745	0.780	0.799	0.841	0.756	6.89
90) T C15-BZ#92	0.416	0.409	0.415	0.435	0.449	0.456	0.472	0.436	5.47
91) T C15-BZ#89/#84	0.400	0.406	0.393	0.415	0.429	0.434	0.446	0.418	4.69
92) T C15-BZ#101/#90	0.462	0.435	0.458	0.483	0.501	0.510	0.519	0.481	6.43
93) s C15-BZ#101-C13 (surr)	0.477	0.483	0.481	0.512	0.535	0.547	0.563	0.514	6.77
94) T C14-BZ#56	0.696	0.704	0.700	0.738	0.778	0.794	0.826	0.748	6.92
95) T C15-BZ#113	0.520	0.523	0.553	0.562	0.579	0.595	0.627	0.566	6.83
96) T C15-BZ#99	0.540	0.511	0.516	0.535	0.550	0.564	0.587	0.543	4.91
97) T C16-BZ#150	0.589	0.573	0.573	0.599	0.619	0.621	0.644	0.602	4.46
98) T C14-BZ#60	0.777	0.733	0.745	0.791	0.827	0.842	0.881	0.800	6.71
99) T C16-BZ#152	0.599	0.614	0.618	0.656	0.667	0.671	0.696	0.646	5.57
100) T C15-BZ#119	0.634	0.567	0.626	0.668	0.685	0.704	0.722	0.658	8.09
101) T C15-BZ#83/#125/#112	0.523	0.504	0.520	0.546	0.566	0.579	0.596	0.548	6.22
102) T C15-BZ#86/#109	0.519	0.498	0.524	0.531	0.553	0.581	0.606	0.545	6.94
103) T C15-BZ#97	0.363	0.376	0.391	0.416	0.432	0.423	0.440	0.406	7.24
104) T C15-BZ#116	0.530	0.524	0.527	0.562	0.576	0.590	0.613	0.560	6.21
105) A1 C15-BZ#87/#111	0.503	0.505	0.515	0.551	0.570	0.584	0.605	0.548	7.45
106) A2 Pentachlorobiphenyls	0.503	0.505	0.515	0.551	0.570	0.584	0.605	0.548	7.45
107) A2 C15-Conf Ion	0.503	0.505	0.515	0.551	0.570	0.584	0.605	0.548	7.45
108) T C16-BZ#145	0.672	0.621	0.631	0.666	0.685	0.685	0.708	0.667	4.63
109) T C16-BZ#148	0.451	0.430	0.427	0.453	0.467	0.471	0.490	0.456	4.96
110) T C14-BZ#79	0.703	0.687	0.676	0.736	0.757	0.784	0.811	0.736	6.91
111) A1 C16-BZ#154-Cal	0.499	0.513	0.492	0.519	0.540	0.549	0.573	0.527	5.49
112) A2 Hexachlorobiphenyls	0.499	0.513	0.492	0.519	0.540	0.549	0.573	0.527	5.49
113) A2 C16-Conf Ion	0.499	0.513	0.492	0.519	0.540	0.549	0.573	0.527	5.49
114) T C14-BZ#78	0.800	0.831	0.854	0.919	0.956	0.982	1.039	0.912	9.54



Initial Calibration Summary

Form 6

Client	: AMEC Foster Wheeler E & I, Inc.	Lab Number	: L1806872
Project Name	: STRATFORD ARMY ENGINE PLANT	Project Number	: 3616176064.08.01
Instrument ID	: BNA2	Ical Ref	: ICAL14481
Calibration dates	: 02/24/18 10:14 02/24/18 17:39		

Calibration Files

.5 =F202241802.D 1 =F202241803.D 10 =F202241804.D 20 =F202241805.D 50 =F202241806.D
 200 =F202241807.D 500 =F202241808.D

	Compound	.5	1	10	20	50	200	500	Avg	%RSD
115) T	C16-BZ#136	0.564	0.542	0.551	0.589	0.603	0.606	0.631	0.584	5.59
116) T	C15-BZ#117	0.647	0.646	0.663	0.699	0.722	0.729	0.746	0.693	5.97
117) T	C15-BZ#115	0.647	0.638	0.654	0.684	0.703	0.724	0.759	0.687	6.46
118) T	C15-BZ#85	0.426	0.433	0.402	0.410	0.423	0.442	0.467	0.429	4.99
119) T	C15-BZ#120	0.620	0.624	0.637	0.674	0.688	0.708	0.750	0.671	7.16
120) T	C15-BZ#110	0.689	0.619	0.604	0.631	0.654	0.668	0.672	0.648	4.78
121) T	C14-BZ#81	0.689	0.715	0.695	0.724	0.754	0.775	0.824	0.739	6.51
122) i	C17-BZ#180-C13	-----ISTD-----								
123) T	C16-BZ#151	0.842	0.884	0.803	0.838	0.857	0.874	0.887	0.855	3.50
124) T	C16-BZ#135	0.881	0.825	0.868	0.899	0.936	0.944	0.959	0.902	5.30
125) T	C15-BZ#82	0.710	0.722	0.746	0.774	0.797	0.818	0.833	0.771	6.15
126) T	C16-BZ#144	0.889	0.795	0.834	0.876	0.902	0.922	0.937	0.879	5.65
127) T	C16-BZ#147/#149	0.989	0.872	0.880	0.927	0.951	0.967	0.985	0.939	5.10
128) T	C14-BZ#77-RTW	1.242	1.198	1.185	1.256	1.315	1.367	1.417	1.283	6.77
129) T	C16-BZ#143/#139	0.872	0.822	0.854	0.905	0.938	0.956	0.968	0.902	6.09
130) T	C15-BZ#124	1.124	1.145	1.159	1.205	1.255	1.282	1.321	1.213	6.16
131) T	C15-BZ#108	1.139	1.179	1.173	1.229	1.309	1.307	1.288	1.232	5.69
132) T	C15-BZ#107/#123	1.279	1.199	1.248	1.297	1.334	1.401	1.437	1.314	6.37
133) T	C16-BZ#140	0.866	0.864	0.818	0.847	0.889	0.905	0.914	0.872	3.86
134) A1	C17-BZ#188-Cal/RTW	0.975	0.961	0.981	1.029	1.067	1.077	1.086	1.025	5.14
135) A2	Heptachlorobiphenyls	0.975	0.961	0.981	1.029	1.067	1.077	1.086	1.025	5.14
136) A2	C17-Conf Ion	0.975	0.961	0.981	1.029	1.067	1.077	1.086	1.025	5.14
137) T	C16-BZ#134	0.695	0.658	0.707	0.756	0.780	0.799	0.807	0.743	7.69
138) T	C15-BZ#106	1.068	1.039	1.064	1.255	1.333	1.197	1.405	1.194	12.05
139) T	C16-BZ#133	1.065	0.897	0.947	1.015	1.080	1.052	1.024	1.011	6.58
140) T	C16-BZ#142	0.706	0.637	0.646	0.660	0.642	0.712	0.755	0.680	6.65
141) T	C15-BZ#118	1.142	1.086	1.085	1.147	1.188	1.217	1.249	1.159	5.41
142) T	C16-BZ#131	0.798	0.730	0.729	0.782	0.794	0.817	0.832	0.783	5.12
143) T	C17-BZ#184	1.020	0.986	0.944	1.008	1.030	1.044	1.061	1.013	3.82
144) T	C16-BZ#165	1.079	1.037	1.032	1.100	1.133	1.161	1.170	1.102	5.08
145) T	C16-BZ#146	0.972	0.912	0.918	0.949	0.976	1.000	1.024	0.964	4.28
146) T	C16-BZ#161	1.204	1.145	1.143	1.211	1.262	1.304	1.320	1.227	5.80
147) T	C15-BZ#122	1.034	1.006	1.001	1.052	1.094	1.134	1.156	1.068	5.74
148) T	C16-BZ#168	1.209	1.095	1.091	1.170	1.240	1.233	1.215	1.179	5.34
149) T	C15-BZ#114	1.133	1.064	1.112	1.161	1.213	1.248	1.282	1.173	6.65
150) T	C16-BZ#153	1.085	1.012	0.996	1.010	1.024	1.080	1.141	1.050	5.09
151) s	C16-BZ#153-C13 (surr)	0.962	0.816	0.856	0.911	0.945	0.963	0.982	0.919	6.73
152) T	C16-BZ#132	0.857	0.850	0.797	0.822	0.847	0.855	0.870	0.842	2.97



Initial Calibration Summary

Form 6

Client : AMEC Foster Wheeler E & I, Inc. **Lab Number** : L1806872
Project Name : STRATFORD ARMY ENGINE PLANT **Project Number** : 3616176064.08.01
Instrument ID : BNA2 **Ical Ref** : ICAL14481
Calibration dates : 02/24/18 10:14 02/24/18 17:39

Calibration Files

.5 =F202241802.D 1 =F202241803.D 10 =F202241804.D 20 =F202241805.D 50 =F202241806.D
 200 =F202241807.D 500 =F202241808.D

Compound	.5	1	10	20	50	200	500	Avg	%RSD
153) T C17-BZ#179	1.064	1.039	1.004	1.029	1.052	1.058	1.078	1.046	2.35
154) T C16-BZ#141	0.868	0.810	0.792	0.828	0.852	0.864	0.886	0.843	4.01
155) T C17-BZ#176	1.032	0.985	0.940	0.968	0.993	1.007	1.030	0.994	3.33
156) T C15-BZ#105	1.428	1.491	1.334	1.391	1.420	1.475	1.508	1.435	4.26
157) T C16-BZ#137	0.799	0.823	0.833	0.861	0.890	0.912	0.929	0.864	5.62
158) T C15-BZ#127	1.541	1.587	1.488	1.518	1.578	1.633	1.674	1.574	4.12
159) T C17-BZ#186	1.091	1.023	1.075	1.102	1.137	1.145	1.167	1.106	4.42
160) T C16-BZ#130/#164	0.999	0.954	0.954	0.989	1.030	1.051	1.077	1.008	4.68
161) T C17-BZ#178	0.777	0.735	0.711	0.740	0.768	0.779	0.793	0.758	3.88
162) T C16-BZ#138	1.059	0.997	0.971	0.982	1.031	1.045	1.086	1.024	4.15
163) T C16-BZ#163/#160	1.070	1.103	1.105	1.165	1.203	1.224	1.239	1.158	5.73
164) T C16-BZ#129/#158	0.936	0.942	0.910	0.950	0.969	1.003	1.050	0.966	4.90
165) T C17-BZ#182/#175	0.805	0.808	0.837	0.872	0.905	0.919	0.926	0.867	5.93
166) T C17-BZ#187	0.881	0.907	0.851	0.870	0.896	0.894	0.919	0.888	2.61
167) T C17-BZ#183	0.853	0.823	0.814	0.851	0.867	0.873	0.895	0.854	3.29
168) T C16-BZ#166	1.294	1.194	1.190	1.237	1.274	1.289	1.331	1.258	4.24
169) T C16-BZ#159	1.208	1.248	1.189	1.233	1.277	1.304	1.351	1.258	4.47
170) T C15-BZ#126-RTW	1.402	1.520	1.455	1.516	1.576	1.623	1.681	1.539	6.24
171) T C17-BZ#185	0.886	0.718	0.735	0.775	0.796	0.814	0.835	0.794	7.33
172) T C16-BZ#162	1.138	1.023	1.113	1.213	1.188	1.221	1.267	1.166	7.01
173) T C17-BZ#174	0.787	0.753	0.758	0.779	0.801	0.813	0.828	0.788	3.51
174) T C16-BZ#128	0.889	0.772	0.821	0.849	0.878	0.902	0.926	0.862	6.11
175) T C16-BZ#167	1.488	1.492	1.480	1.521	1.572	1.609	1.670	1.547	4.66
176) T C18-BZ#202-RTW	0.923	0.807	0.854	0.883	0.912	0.924	0.942	0.892	5.32
177) s C18-BZ#202-C13 (surr)	1.071	0.901	0.873	0.905	0.941	0.939	0.964	0.942	6.83
178) T C17-BZ#181	0.842	0.809	0.846	0.895	0.920	0.934	0.959	0.886	6.25
179) T C17-BZ#177	0.768	0.720	0.763	0.757	0.779	0.789	0.805	0.769	3.51
180) A1 C18-BZ#204/#200-Cal	0.891	0.829	0.833	0.865	0.892	0.903	0.921	0.876	4.03
181) A2 Octachlorobiphenyls	0.891	0.829	0.833	0.865	0.892	0.903	0.921	0.876	4.03
182) A2 C18-Conf Ion	0.891	0.829	0.833	0.865	0.892	0.903	0.921	0.876	4.03
183) T C17-BZ#171	0.725	0.742	0.730	0.745	0.763	0.771	0.794	0.753	3.23
184) T C17-BZ#173	0.720	0.777	0.707	0.723	0.745	0.749	0.771	0.742	3.54
185) T C17-BZ#172	0.826	0.782	0.769	0.780	0.790	0.805	0.829	0.797	2.93
186) T C17-BZ#192	1.036	1.056	1.061	1.075	1.112	1.137	1.168	1.092	4.39
187) T C16-BZ#156	1.290	1.099	1.139	1.178	1.212	1.239	1.285	1.206	5.99
188) T C16-BZ#157	1.336	1.206	1.178	1.225	1.247	1.249	1.279	1.246	4.12
189) T C17-BZ#180	0.970	0.959	0.986	0.945	0.961	0.946	1.024	0.970	2.86
190) T C17-BZ#193	1.024	1.025	0.910	1.005	1.020	1.022	0.983	0.998	4.19



Initial Calibration Summary Form 6

Client	: AMEC Foster Wheeler E & I, Inc.	Lab Number	: L1806872
Project Name	: STRATFORD ARMY ENGINE PLANT	Project Number	: 3616176064.08.01
Instrument ID	: BNA2	Ical Ref	: ICAL14481
Calibration dates	: 02/24/18 10:14 02/24/18 17:39		

Calibration Files

.5 =F202241802.D 1 =F202241803.D 10 =F202241804.D 20 =F202241805.D 50 =F202241806.D
 200 =F202241807.D 500 =F202241808.D

		Compound	.5	1	10	20	50	200	500	Avg	%RSD
191)	T	C18-BZ#197	0.917	0.851	0.859	0.887	0.905	0.908	0.934	0.894	3.44
192)	T	C17-BZ#191	1.071	0.997	0.985	1.019	1.041	1.057	1.086	1.037	3.64
193)	T	C18-BZ#199	0.915	0.904	0.848	0.868	0.887	0.891	0.908	0.889	2.66
194)	T	C18-BZ#198	0.810	0.689	0.737	0.770	0.703	0.782	0.789	0.754	6.04
195)	T	C18-BZ#201	0.710	0.612	0.619	0.618	0.701	0.634	0.662	0.651	6.29
196)	T	C17-BZ#170	0.771	0.786	0.699	0.726	0.746	0.752	0.778	0.751	4.09
197)	T	C17-BZ#190	1.037	1.068	1.067	1.086	1.106	1.128	1.161	1.093	3.82
198)	T	C18-BZ#196	0.757	0.686	0.641	0.685	0.721	0.720	0.730	0.706	5.37
199)	T	C18-BZ#203	0.728	0.738	0.749	0.767	0.770	0.778	0.809	0.763	3.59
200)	T	C16-BZ#169-RTW	1.317	1.356	1.239	1.294	1.330	1.361	1.426	1.332	4.41
201)	T	C19-BZ#208-RTW	1.142	0.924	0.878	0.903	0.910	0.908	0.936	0.943	9.49
202)	T	C19-BZ#207	0.948	0.891	0.891	0.910	0.928	0.925	0.950	0.921	2.64
203)	T	C17-BZ#189-RTW	0.998	1.027	0.936	0.968	0.987	1.003	1.048	0.995	3.71
204)	T	C18-BZ#195	0.682	0.762	0.656	0.674	0.680	0.692	0.710	0.694	4.97
205)	T	C18-BZ#194	0.808	0.758	0.705	0.714	0.729	0.730	0.754	0.743	4.69
206)	T	C18-BZ#205-RTW	1.051	0.897	0.853	0.878	0.886	0.888	0.919	0.910	7.15
207)	A1	C19-BZ#206-Cal/RTW	0.823	0.747	0.727	0.737	0.749	0.751	0.778	0.759	4.26
208)	A2	Nonachlorobiphenyls	0.823	0.747	0.727	0.737	0.749	0.751	0.778	0.759	4.26
209)	A2	C19-Conf Ion	0.823	0.747	0.727	0.737	0.749	0.751	0.778	0.759	4.26
210)	A1	C110-BZ#209-Cal/RTW	0.773	0.739	0.734	0.747	0.746	0.751	0.779	0.753	2.29
211)	A2	Decachlorobiphenyl	0.773	0.739	0.734	0.747	0.746	0.751	0.779	0.753	2.29
212)	A2	C110-Conf Ion	0.773	0.739	0.734	0.747	0.746	0.751	0.779	0.753	2.29



Continuing Calibration Form 7

Client : AMEC Foster Wheeler E & I, Inc.
 Project Name : STRATFORD ARMY ENGINE PLANT
 Instrument ID : BNA2
 Lab File ID : F203071802
 Sample No : WG1095518-2
 Channel :

Lab Number : L1806872
 Project Number : 3616176064.08.01
 Calibration Date : 03/07/18 11:17
 Init. Calib. Date(s) : 02/24/18 02/24/18
 Init. Calib. Times : 10:14 17:39

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
CI2-BZ#15-C13	1	1	.01	0	20	67	0
CI3-BZ#19-C13 (surr)	0.352	0.369	.01	-4.8	20	71	0
CI1-BZ#1-Cal/RTW	0.922	1.008	.01	-9.3	20	74	0
CI1-BZ#2	0.97	1.034	.01	-6.6	20	72	0
CI1-BZ#3-RTW	0.952	1.02	.01	-7.1	20	72	0
CI2-BZ#4/#10-RTW	0.557	0.599	.01	-7.5	20	72	0
CI2-BZ#9	0.716	0.752	.01	-5	20	70	0
CI2-BZ#7	0.698	0.75	.01	-7.4	20	71	0
CI2-BZ#6	0.768	0.807	.01	-5.1	20	71	0
CI2-BZ#5	0.698	0.725	.01	-3.9	20	70	0
CI2-BZ#8	0.794	0.838	.01	-5.5	20	71	0
CI3-BZ#19-RTW	0.392	0.408	.01	-4.1	20	71	0
CI2-BZ#14	0.766	0.803	.01	-4.8	20	70	0
CI3-BZ#30	0.626	0.65	.01	-3.8	20	70	0
CI3-BZ#18	0.436	0.437	.01	-0.2	20	69	0
CI2-BZ#11	0.822	0.861	.01	-4.7	20	69	0
CI3-BZ#17	0.406	0.418	.01	-3	20	69	0
CI2-BZ#12	0.727	0.754	.01	-3.7	20	69	0
CI3-BZ#27	0.562	0.586	.01	-4.3	20	69	0
CI2-BZ#13	0.838	0.874	.01	-4.3	20	69	0
CI3-BZ#24	0.577	0.602	.01	-4.3	20	69	0
CI3-BZ#16	0.354	0.36	.01	-1.7	20	69	0
CI3-BZ#32	0.62	0.637	.01	-2.7	20	70	0
CI2-BZ#15-RTW	0.849	0.878	.01	-3.4	20	70	0
CI3-BZ#34	0.579	0.596	.01	-2.9	20	69	0
CI3-BZ#23	0.569	0.595	.01	-4.6	20	69	0
CI4-BZ#54-RTW	0.53	0.555	.01	-4.7	20	70	0
CI3-BZ#29-Cal	0.574	0.584	.01	-1.7	20	68	0
CI4-BZ#50-Cal	0.443	0.452	.01	-2	20	68	0
CI3-BZ#26	0.644	0.658	.01	-2.2	20	69	0
CI3-BZ#25	0.627	0.638	.01	-1.8	20	68	0
CI4-BZ#53	0.489	0.497	.01	-1.6	20	69	0
CI3-BZ#-31	0.866	0.857	.01	1	20	67	0
CI3-BZ#28	0.853	0.817	.01	4.2	20	64	0
CI3-BZ#33	0.608	0.756	.01	-24.3*	20	79	0
CI3-BZ#21/#20	0.77	0.77	.01	0	20	65	0
CI4-BZ#51	0.539	0.566	.01	-5	20	68	0
CI4-BZ#45	0.421	0.428	.01	-1.7	20	67	0
CI3-BZ#22	0.75	0.76	.01	-1.3	20	67	0
CI4-BZ#73/#46	0.563	0.58	.01	-3	20	67	0
CI4-BZ#69	0.673	0.662	.01	1.6	20	65	0
CI4-BZ#43	0.444	0.47	.01	-5.9	20	71	0
CI3-BZ#36	0.835	0.895	.01	-7.2	20	70	0
CI4-BZ#52	0.547	0.548	.01	-0.2	20	68	0
CI4-BZ#48	0.486	0.497	.01	-2.3	20	67	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AMEC Foster Wheeler E & I, Inc.
 Project Name : STRATFORD ARMY ENGINE PLANT
 Instrument ID : BNA2
 Lab File ID : F203071802
 Sample No : WG1095518-2
 Channel :

Lab Number : L1806872
 Project Number : 3616176064.08.01
 Calibration Date : 03/07/18 11:17
 Init. Calib. Date(s) : 02/24/18 02/24/18
 Init. Calib. Times : 10:14 17:39

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
CI4-BZ#49	0.523	0.518	.01	1	20	66	0
CI5-BZ#104-RTW	0.54	0.56	.01	-3.7	20	69	0
CI4-BZ#47	0.564	0.585	.01	-3.7	20	75	0
CI4-BZ#65/#75/#62	0.662	0.688	.01	-3.9	20	66	0
CI3-BZ#39	0.769	0.812	.01	-5.6	20	70	0
CI3-BZ#38	0.742	0.782	.01	-5.4	20	68	0
CI4-BZ#44	0.455	0.457	.01	-0.4	20	67	0
CI4-BZ#59	0.667	0.664	.01	0.4	20	68	0
CI4-BZ#42	0.432	0.441	.01	-2.1	20	66	0
CI4-BZ#71	0.701	0.709	.01	-1.1	20	68	0
CI3-BZ#35	0.776	0.792	.01	-2.1	20	67	0
CI4-BZ#41	0.426	0.434	.01	-1.9	20	67	0
CI4-BZ#72	0.733	0.766	.01	-4.5	20	67	0
CI5-BZ#96	0.584	0.629	.01	-7.7	20	70	0
CI5-BZ#103	0.451	0.474	.01	-5.1	20	69	0
CI4-BZ#68/#64	0.679	0.713	.01	-5	20	67	0
CI4-BZ#40	0.331	0.33	.01	0.3	20	66	0
CI3-BZ#37-RTW	1.031	1.062	.01	-3	20	67	0
CI5-BZ#100	0.486	0.522	.01	-7.4	20	70	0
CI5-BZ#94	0.359	0.378	.01	-5.3	20	68	0
CI4-BZ#57	0.73	0.742	.01	-1.6	20	65	0
CI4-BZ#67/#58	0.735	0.763	.01	-3.8	20	67	0
CI5-BZ#102	0.517	0.557	.01	-7.7	20	70	0
CI4-BZ#61	0.723	0.733	.01	-1.4	20	67	0
CI5-BZ#98	0.473	0.494	.01	-4.4	20	68	0
CI4-BZ#76	0.764	0.836	.01	-9.4	20	71	0
CI5-BZ#93	0.382	0.405	.01	-6	20	69	0
CI4-BZ#63	0.686	0.659	.01	3.9	20	63	0
CI5-BZ#121/#95/#88	0.507	0.544	.01	-7.3	20	69	0
CI4-BZ#74	0.759	0.772	.01	-1.7	20	67	0
CI6-BZ#155-RTW	0.562	0.57	.01	-1.4	20	67	0
CI4-BZ#70	0.781	0.779	.01	0.3	20	65	0
CI4-BZ#66	0.707	0.724	.01	-2.4	20	66	0
CI5-BZ#91	0.447	0.461	.01	-3.1	20	69	0
CI4-BZ#80	0.741	0.748	.01	-0.9	20	66	0
CI4-BZ#55	0.756	0.76	.01	-0.5	20	66	0
CI5-BZ#92	0.436	0.458	.01	-5	20	69	0
CI5-BZ#89/#84	0.418	0.43	.01	-2.9	20	67	0
CI5-BZ#101/#90	0.481	0.504	.01	-4.8	20	68	0
CI5-BZ#101-C13 (surr)	0.514	0.528	.01	-2.7	20	66	0
CI4-BZ#56	0.748	0.777	.01	-3.9	20	67	0
CI5-BZ#113	0.566	0.63	.01	-11.3	20	73	0
CI5-BZ#99	0.543	0.551	.01	-1.5	20	67	0
CI6-BZ#150	0.602	0.62	.01	-3	20	68	0
CI4-BZ#60	0.8	0.82	.01	-2.5	20	67	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AMEC Foster Wheeler E & I, Inc.
 Project Name : STRATFORD ARMY ENGINE PLANT
 Instrument ID : BNA2
 Lab File ID : F203071802
 Sample No : WG1095518-2
 Channel :

Lab Number : L1806872
 Project Number : 3616176064.08.01
 Calibration Date : 03/07/18 11:17
 Init. Calib. Date(s) : 02/24/18 02/24/18
 Init. Calib. Times : 10:14 17:39

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
CI6-BZ#152	0.646	0.657	.01	-1.7	20	66	0
CI5-BZ#119	0.658	0.68	.01	-3.3	20	67	0
CI5-BZ#83/#125/#112	0.548	0.578	.01	-5.5	20	69	0
CI5-BZ#86/#109	0.545	0.584	.01	-7.2	20	71	0
CI5-BZ#97	0.406	0.421	.01	-3.7	20	66	0
CI5-BZ#116	0.56	0.572	.01	-2.1	20	67	0
CI5-BZ#87/#111	0.548	0.599	.01	-9.3	20	71	0
CI6-BZ#145	0.667	0.682	.01	-2.2	20	67	0
CI6-BZ#148	0.456	0.464	.01	-1.8	20	67	0
CI4-BZ#79	0.736	0.721	.01	2	20	64	0
CI6-BZ#154-Cal	0.527	0.536	.01	-1.7	20	67	0
CI4-BZ#78	0.912	0.948	.01	-3.9	20	67	0
CI6-BZ#136	0.584	0.614	.01	-5.1	20	69	0
CI5-BZ#117	0.693	0.683	.01	1.4	20	64	0
CI5-BZ#115	0.687	0.735	.01	-7	20	70	0
CI5-BZ#85	0.429	0.474	.01	-10.5	20	75	0
CI5-BZ#120	0.671	0.696	.01	-3.7	20	68	0
CI5-BZ#110	0.648	0.645	.01	0.5	20	66	0
CI4-BZ#81	0.739	0.738	.01	0.1	20	66	0
CI7-BZ#180-C13	1	1	.01	0	20	64	0
CI6-BZ#151	0.855	0.9	.01	-5.3	20	68	0
CI6-BZ#135	0.902	0.969	.01	-7.4	20	67	0
CI5-BZ#82	0.771	0.835	.01	-8.3	20	68	0
CI6-BZ#144	0.879	0.94	.01	-6.9	20	67	0
CI6-BZ#147/#149	0.939	0.985	.01	-4.9	20	67	0
CI4-BZ#77-RTW	1.283	1.33	.01	-3.7	20	65	0
CI6-BZ#143/#139	0.902	0.972	.01	-7.8	20	67	0
CI5-BZ#124	1.213	1.321	.01	-8.9	20	68	0
CI5-BZ#108	1.232	1.258	.01	-2.1	20	62	0
CI5-BZ#107/#123	1.314	1.469	.01	-11.8	20	71	0
CI6-BZ#140	0.872	0.94	.01	-7.8	20	68	0
CI7-BZ#188-Cal/RTW	1.025	1.122	.01	-9.5	20	68	0
CI6-BZ#134	0.743	0.794	.01	-6.9	20	66	0
CI5-BZ#106	1.194	1.229	.01	-2.9	20	59	0
CI6-BZ#133	1.011	1.038	.01	-2.7	20	62	0
CI6-BZ#142	0.68	0.78	.01	-14.7	20	78	0
CI5-BZ#118	1.159	1.278	.01	-10.3	20	69	0
CI6-BZ#131	0.783	0.834	.01	-6.5	20	68	0
CI7-BZ#184	1.013	1.082	.01	-6.8	20	68	0
CI6-BZ#165	1.102	1.161	.01	-5.4	20	66	0
CI6-BZ#146	0.964	1.033	.01	-7.2	20	68	0
CI6-BZ#161	1.227	1.311	.01	-6.8	20	67	0
CI5-BZ#122	1.068	1.138	.01	-6.6	20	67	0
CI6-BZ#168	1.179	1.187	.01	-0.7	20	62	0
CI5-BZ#114	1.173	1.287	.01	-9.7	20	68	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AMEC Foster Wheeler E & I, Inc.
 Project Name : STRATFORD ARMY ENGINE PLANT
 Instrument ID : BNA2
 Lab File ID : F203071802
 Sample No : WG1095518-2
 Channel :

Lab Number : L1806872
 Project Number : 3616176064.08.01
 Calibration Date : 03/07/18 11:17
 Init. Calib. Date(s) : 02/24/18 02/24/18
 Init. Calib. Times : 10:14 17:39

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
CI6-BZ#153	1.05	1.186	.01	-13	20	75	0
CI6-BZ#153-C13 (surr)	0.919	0.973	.01	-5.9	20	66	0
CI6-BZ#132	0.842	0.868	.01	-3.1	20	66	0
CI7-BZ#179	1.046	1.087	.01	-3.9	20	67	0
CI6-BZ#141	0.843	0.858	.01	-1.8	20	65	0
CI7-BZ#176	0.994	1.016	.01	-2.2	20	66	0
CI5-BZ#105	1.435	1.486	.01	-3.6	20	67	0
CI6-BZ#137	0.864	0.909	.01	-5.2	20	66	0
CI5-BZ#127	1.574	1.638	.01	-4.1	20	67	0
CI7-BZ#186	1.106	1.165	.01	-5.3	20	66	0
CI6-BZ#130/#164	1.008	1.061	.01	-5.3	20	66	0
CI7-BZ#178	0.758	0.774	.01	-2.1	20	65	0
CI6-BZ#138	1.024	1.055	.01	-3	20	66	0
CI6-BZ#163/#160	1.158	1.223	.01	-5.6	20	66	0
CI6-BZ#129/#158	0.966	1.041	.01	-7.8	20	69	0
CI7-BZ#182/#175	0.867	0.939	.01	-8.3	20	67	0
CI7-BZ#187	0.888	0.909	.01	-2.4	20	65	0
CI7-BZ#183	0.854	0.875	.01	-2.5	20	65	0
CI6-BZ#166	1.258	1.28	.01	-1.7	20	65	0
CI6-BZ#159	1.258	1.286	.01	-2.2	20	65	0
CI5-BZ#126-RTW	1.539	1.644	.01	-6.8	20	67	0
CI7-BZ#185	0.794	0.817	.01	-2.9	20	66	0
CI6-BZ#162	1.166	1.212	.01	-3.9	20	66	0
CI7-BZ#174	0.788	0.814	.01	-3.3	20	66	0
CI6-BZ#128	0.862	0.926	.01	-7.4	20	68	0
CI6-BZ#167	1.547	1.652	.01	-6.8	20	68	0
CI8-BZ#202-RTW	0.892	0.931	.01	-4.4	20	66	0
CI8-BZ#202-C13 (surr)	0.942	0.965	.01	-2.4	20	66	0
CI7-BZ#181	0.886	0.932	.01	-5.2	20	65	0
CI7-BZ#177	0.769	0.8	.01	-4	20	66	0
CI8-BZ#204/#200-Cal	0.876	0.909	.01	-3.8	20	66	0
CI7-BZ#171	0.753	0.764	.01	-1.5	20	65	0
CI7-BZ#173	0.742	0.75	.01	-1.1	20	65	0
CI7-BZ#172	0.797	0.788	.01	1.1	20	64	0
CI7-BZ#192	1.092	1.116	.01	-2.2	20	65	0
CI6-BZ#156	1.206	1.237	.01	-2.6	20	66	0
CI6-BZ#157	1.246	1.276	.01	-2.4	20	66	0
CI7-BZ#180	0.97	1.024	.01	-5.6	20	69	0
CI7-BZ#193	0.998	0.976	.01	2.2	20	62	0
CI8-BZ#197	0.894	0.914	.01	-2.2	20	65	0
CI7-BZ#191	1.037	1.047	.01	-1	20	65	0
CI8-BZ#199	0.889	0.895	.01	-0.7	20	65	0
CI8-BZ#198	0.754	0.763	.01	-1.2	20	70	0
CI8-BZ#201	0.651	0.659	.01	-1.2	20	61	0
CI7-BZ#170	0.751	0.769	.01	-2.4	20	66	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AMEC Foster Wheeler E & I, Inc.
 Project Name : STRATFORD ARMY ENGINE PLANT
 Instrument ID : BNA2
 Lab File ID : F203071802
 Sample No : WG1095518-2
 Channel :

Lab Number : L1806872
 Project Number : 3616176064.08.01
 Calibration Date : 03/07/18 11:17
 Init. Calib. Date(s) : 02/24/18 02/24/18
 Init. Calib. Times : 10:14 17:39

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
CI7-BZ#190	1.093	1.134	.01	-3.8	20	66	0
CI8-BZ#196	0.706	0.699	.01	1	20	63	0
CI8-BZ#203	0.763	0.792	.01	-3.8	20	66	0
CI6-BZ#169-RTW	1.332	1.353	.01	-1.6	20	66	0
CI9-BZ#208-RTW	0.943	0.904	.01	4.1	20	64	0
CI9-BZ#207	0.921	0.924	.01	-0.3	20	64	0
CI7-BZ#189-RTW	0.995	0.999	.01	-0.4	20	65	0
CI8-BZ#195	0.694	0.683	.01	1.6	20	65	0
CI8-BZ#194	0.743	0.719	.01	3.2	20	64	0
CI8-BZ#205-RTW	0.91	0.858	.01	5.7	20	62	0
CI9-BZ#206-Cal/RTW	0.759	0.721	.01	5	20	62	0
CI10-BZ#209-Cal/RTW	0.753	0.71	.01	5.7	20	61	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AMEC Foster Wheeler E & I, Inc.
 Project Name : STRATFORD ARMY ENGINE PLANT
 Instrument ID : BNA2
 Lab File ID : F203071814
 Sample No : WG1095518-4
 Channel :

Lab Number : L1806872
 Project Number : 3616176064.08.01
 Calibration Date : 03/08/18 02:10
 Init. Calib. Date(s) : 02/24/18 02/24/18
 Init. Calib. Times : 10:14 17:39

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
CI2-BZ#15-C13	1	1	.01	0	20	68	0
CI3-BZ#19-C13 (surr)	0.352	0.372	.01	-5.7	20	72	0
CI1-BZ#1-Cal/RTW	0.922	0.999	.01	-8.4	20	74	0
CI1-BZ#2	0.97	1.044	.01	-7.6	20	73	0
CI1-BZ#3-RTW	0.952	1.031	.01	-8.3	20	73	0
CI2-BZ#4/#10-RTW	0.557	0.599	.01	-7.5	20	72	0
CI2-BZ#9	0.716	0.771	.01	-7.7	20	72	0
CI2-BZ#7	0.698	0.75	.01	-7.4	20	71	0
CI2-BZ#6	0.768	0.82	.01	-6.8	20	72	0
CI2-BZ#5	0.698	0.739	.01	-5.9	20	72	0
CI2-BZ#8	0.794	0.851	.01	-7.2	20	72	0
CI3-BZ#19-RTW	0.392	0.408	.01	-4.1	20	71	0
CI2-BZ#14	0.766	0.822	.01	-7.3	20	72	0
CI3-BZ#30	0.626	0.669	.01	-6.9	20	72	0
CI3-BZ#18	0.436	0.453	.01	-3.9	20	71	0
CI2-BZ#11	0.822	0.892	.01	-8.5	20	72	0
CI3-BZ#17	0.406	0.422	.01	-3.9	20	70	0
CI2-BZ#12	0.727	0.787	.01	-8.3	20	72	0
CI3-BZ#27	0.562	0.594	.01	-5.7	20	70	0
CI2-BZ#13	0.838	0.901	.01	-7.5	20	72	0
CI3-BZ#24	0.577	0.61	.01	-5.7	20	71	0
CI3-BZ#16	0.354	0.369	.01	-4.2	20	71	0
CI3-BZ#32	0.62	0.646	.01	-4.2	20	71	0
CI2-BZ#15-RTW	0.849	0.88	.01	-3.7	20	70	0
CI3-BZ#34	0.579	0.615	.01	-6.2	20	71	0
CI3-BZ#23	0.569	0.607	.01	-6.7	20	71	0
CI4-BZ#54-RTW	0.53	0.555	.01	-4.7	20	70	0
CI3-BZ#29-Cal	0.574	0.609	.01	-6.1	20	71	0
CI4-BZ#50-Cal	0.443	0.469	.01	-5.9	20	71	0
CI3-BZ#26	0.644	0.675	.01	-4.8	20	71	0
CI3-BZ#25	0.627	0.666	.01	-6.2	20	71	0
CI4-BZ#53	0.489	0.514	.01	-5.1	20	71	.02
CI3-BZ#-31	0.866	0.907	.01	-4.7	20	71	0
CI3-BZ#28	0.853	0.917	.01	-7.5	20	72	0
CI3-BZ#33	0.608	0.692	.01	-13.8	20	73	0
CI3-BZ#21/#20	0.77	0.817	.01	-6.1	20	69	0
CI4-BZ#51	0.539	0.572	.01	-6.1	20	69	.02
CI4-BZ#45	0.421	0.452	.01	-7.4	20	71	0
CI3-BZ#22	0.75	0.818	.01	-9.1	20	72	0
CI4-BZ#73/#46	0.563	0.6	.01	-6.6	20	69	.02
CI4-BZ#69	0.673	0.735	.01	-9.2	20	72	.02
CI4-BZ#43	0.444	0.463	.01	-4.3	20	70	0
CI3-BZ#36	0.835	0.923	.01	-10.5	20	72	.02
CI4-BZ#52	0.547	0.565	.01	-3.3	20	70	.02
CI4-BZ#48	0.486	0.525	.01	-8	20	71	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AMEC Foster Wheeler E & I, Inc.
 Project Name : STRATFORD ARMY ENGINE PLANT
 Instrument ID : BNA2
 Lab File ID : F203071814
 Sample No : WG1095518-4
 Channel :

Lab Number : L1806872
 Project Number : 3616176064.08.01
 Calibration Date : 03/08/18 02:10
 Init. Calib. Date(s) : 02/24/18 02/24/18
 Init. Calib. Times : 10:14 17:39

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
CI4-BZ#49	0.523	0.553	.01	-5.7	20	71	0
CI5-BZ#104-RTW	0.54	0.582	.01	-7.8	20	72	0
CI4-BZ#47	0.564	0.594	.01	-5.3	20	76	0
CI4-BZ#65/#75/#62	0.662	0.719	.01	-8.6	20	69	0
CI3-BZ#39	0.769	0.819	.01	-6.5	20	71	.02
CI3-BZ#38	0.742	0.844	.01	-13.7	20	73	0
CI4-BZ#44	0.455	0.49	.01	-7.7	20	72	.02
CI4-BZ#59	0.667	0.705	.01	-5.7	20	72	0
CI4-BZ#42	0.432	0.476	.01	-10.2	20	71	.02
CI4-BZ#71	0.701	0.747	.01	-6.6	20	72	0
CI3-BZ#35	0.776	0.857	.01	-10.4	20	73	0
CI4-BZ#41	0.426	0.461	.01	-8.2	20	72	0
CI4-BZ#72	0.733	0.805	.01	-9.8	20	70	0
CI5-BZ#96	0.584	0.629	.01	-7.7	20	70	0
CI5-BZ#103	0.451	0.505	.01	-12	20	73	0
CI4-BZ#68/#64	0.679	0.746	.01	-9.9	20	71	0
CI4-BZ#40	0.331	0.355	.01	-7.3	20	71	0
CI3-BZ#37-RTW	1.031	1.122	.01	-8.8	20	71	.02
CI5-BZ#100	0.486	0.531	.01	-9.3	20	72	.02
CI5-BZ#94	0.359	0.405	.01	-12.8	20	72	0
CI4-BZ#57	0.73	0.789	.01	-8.1	20	69	0
CI4-BZ#67/#58	0.735	0.813	.01	-10.6	20	72	.02
CI5-BZ#102	0.517	0.561	.01	-8.5	20	71	0
CI4-BZ#61	0.723	0.796	.01	-10.1	20	72	0
CI5-BZ#98	0.473	0.514	.01	-8.7	20	71	.02
CI4-BZ#76	0.764	0.867	.01	-13.5	20	73	0
CI5-BZ#93	0.382	0.421	.01	-10.2	20	72	0
CI4-BZ#63	0.686	0.706	.01	-2.9	20	67	.02
CI5-BZ#121/#95/#88	0.507	0.554	.01	-9.3	20	71	0
CI4-BZ#74	0.759	0.84	.01	-10.7	20	73	0
CI6-BZ#155-RTW	0.562	0.606	.01	-7.8	20	71	0
CI4-BZ#70	0.781	0.846	.01	-8.3	20	71	0
CI4-BZ#66	0.707	0.785	.01	-11	20	72	.02
CI5-BZ#91	0.447	0.484	.01	-8.3	20	73	0
CI4-BZ#80	0.741	0.82	.01	-10.7	20	73	0
CI4-BZ#55	0.756	0.834	.01	-10.3	20	72	0
CI5-BZ#92	0.436	0.473	.01	-8.5	20	71	0
CI5-BZ#89/#84	0.418	0.458	.01	-9.6	20	72	0
CI5-BZ#101/#90	0.481	0.494	.01	-2.7	20	67	0
CI5-BZ#101-C13 (surr)	0.514	0.557	.01	-8.4	20	70	.02
CI4-BZ#56	0.748	0.811	.01	-8.4	20	70	0
CI5-BZ#113	0.566	0.666	.01	-17.7	20	78	0
CI5-BZ#99	0.543	0.603	.01	-11	20	74	0
CI6-BZ#150	0.602	0.638	.01	-6	20	70	.02
CI4-BZ#60	0.8	0.866	.01	-8.2	20	71	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AMEC Foster Wheeler E & I, Inc.
 Project Name : STRATFORD ARMY ENGINE PLANT
 Instrument ID : BNA2
 Lab File ID : F203071814
 Sample No : WG1095518-4
 Channel :

Lab Number : L1806872
 Project Number : 3616176064.08.01
 Calibration Date : 03/08/18 02:10
 Init. Calib. Date(s) : 02/24/18 02/24/18
 Init. Calib. Times : 10:14 17:39

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
CI6-BZ#152	0.646	0.713	.01	-10.4	20	72	0
CI5-BZ#119	0.658	0.766	.01	-16.4	20	76	0
CI5-BZ#83/#125/#112	0.548	0.572	.01	-4.4	20	68	0
CI5-BZ#86/#109	0.545	0.62	.01	-13.8	20	76	.02
CI5-BZ#97	0.406	0.459	.01	-13.1	20	72	0
CI5-BZ#116	0.56	0.62	.01	-10.7	20	73	0
CI5-BZ#87/#111	0.548	0.613	.01	-11.9	20	73	0
CI6-BZ#145	0.667	0.708	.01	-6.1	20	70	0
CI6-BZ#148	0.456	0.498	.01	-9.2	20	72	0
CI4-BZ#79	0.736	0.823	.01	-11.8	20	73	0
CI6-BZ#154-Cal	0.527	0.568	.01	-7.8	20	71	.02
CI4-BZ#78	0.912	1.041	.01	-14.1	20	74	0
CI6-BZ#136	0.584	0.624	.01	-6.8	20	70	.02
CI5-BZ#117	0.693	0.692	.01	0.1	20	65	0
CI5-BZ#115	0.687	0.832	.01	-21.1*	20	80	0
CI5-BZ#85	0.429	0.435	.01	-1.4	20	69	0
CI5-BZ#120	0.671	0.763	.01	-13.7	20	75	.02
CI5-BZ#110	0.648	0.702	.01	-8.3	20	73	.02
CI4-BZ#81	0.739	0.818	.01	-10.7	20	73	0
CI7-BZ#180-C13	1	1	.01	0	20	66	0
CI6-BZ#151	0.855	0.94	.01	-9.9	20	72	0
CI6-BZ#135	0.902	1.015	.01	-12.5	20	71	0
CI5-BZ#82	0.771	0.884	.01	-14.7	20	73	.02
CI6-BZ#144	0.879	0.983	.01	-11.8	20	72	0
CI6-BZ#147/#149	0.939	1.046	.01	-11.4	20	72	0
CI4-BZ#77-RTW	1.283	1.422	.01	-10.8	20	71	0
CI6-BZ#143/#139	0.902	1.013	.01	-12.3	20	71	0
CI5-BZ#124	1.213	1.408	.01	-16.1	20	74	0
CI5-BZ#108	1.232	1.549	.01	-25.7*	20	78	.02
CI5-BZ#107/#123	1.314	1.415	.01	-7.7	20	70	0
CI6-BZ#140	0.872	0.961	.01	-10.2	20	71	0
CI7-BZ#188-Cal/RTW	1.025	1.135	.01	-10.7	20	70	0
CI6-BZ#134	0.743	0.816	.01	-9.8	20	69	0
CI5-BZ#106	1.194	1.258	.01	-5.4	20	62	0
CI6-BZ#133	1.011	0.991	.01	2	20	60	0
CI6-BZ#142	0.68	0.877	.01	-29*	20	90	0
CI5-BZ#118	1.159	1.329	.01	-14.7	20	74	.02
CI6-BZ#131	0.783	0.876	.01	-11.9	20	73	.02
CI7-BZ#184	1.013	1.124	.01	-11	20	72	.02
CI6-BZ#165	1.102	1.263	.01	-14.6	20	73	0
CI6-BZ#146	0.964	1.068	.01	-10.8	20	72	0
CI6-BZ#161	1.227	1.39	.01	-13.3	20	73	0
CI5-BZ#122	1.068	1.207	.01	-13	20	73	0
CI6-BZ#168	1.179	1.452	.01	-23.2*	20	77	.02
CI5-BZ#114	1.173	1.322	.01	-12.7	20	72	.02

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AMEC Foster Wheeler E & I, Inc.
 Project Name : STRATFORD ARMY ENGINE PLANT
 Instrument ID : BNA2
 Lab File ID : F203071814
 Sample No : WG1095518-4
 Channel :

Lab Number : L1806872
 Project Number : 3616176064.08.01
 Calibration Date : 03/08/18 02:10
 Init. Calib. Date(s) : 02/24/18 02/24/18
 Init. Calib. Times : 10:14 17:39

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
CI6-BZ#153	1.05	1.006	.01	4.2	20	65	.02
CI6-BZ#153-C13 (surr)	0.919	0.998	.01	-8.6	20	70	0
CI6-BZ#132	0.842	0.933	.01	-10.8	20	73	.02
CI7-BZ#179	1.046	1.176	.01	-12.4	20	74	0
CI6-BZ#141	0.843	0.953	.01	-13	20	74	.02
CI7-BZ#176	0.994	1.09	.01	-9.7	20	72	0
CI5-BZ#105	1.435	1.536	.01	-7	20	71	0
CI6-BZ#137	0.864	0.989	.01	-14.5	20	73	.02
CI5-BZ#127	1.574	1.726	.01	-9.7	20	72	.02
CI7-BZ#186	1.106	1.208	.01	-9.2	20	70	0
CI6-BZ#130/#164	1.008	1.129	.01	-12	20	72	0
CI7-BZ#178	0.758	0.851	.01	-12.3	20	73	0
CI6-BZ#138	1.024	1.182	.01	-15.4	20	76	0
CI6-BZ#163/#160	1.158	1.325	.01	-14.4	20	73	0
CI6-BZ#129/#158	0.966	1.036	.01	-7.2	20	70	0
CI7-BZ#182/#175	0.867	0.955	.01	-10.1	20	70	0
CI7-BZ#187	0.888	0.977	.01	-10	20	72	0
CI7-BZ#183	0.854	0.95	.01	-11.2	20	72	0
CI6-BZ#166	1.258	1.414	.01	-12.4	20	73	0
CI6-BZ#159	1.258	1.448	.01	-15.1	20	75	.02
CI5-BZ#126-RTW	1.539	1.733	.01	-12.6	20	72	0
CI7-BZ#185	0.794	0.853	.01	-7.4	20	71	.02
CI6-BZ#162	1.166	1.334	.01	-14.4	20	74	.02
CI7-BZ#174	0.788	0.855	.01	-8.5	20	70	.02
CI6-BZ#128	0.862	0.95	.01	-10.2	20	71	0
CI6-BZ#167	1.547	1.685	.01	-8.9	20	71	0
CI8-BZ#202-RTW	0.892	0.969	.01	-8.6	20	70	.02
CI8-BZ#202-C13 (surr)	0.942	1.014	.01	-7.6	20	71	0
CI7-BZ#181	0.886	0.976	.01	-10.2	20	70	0
CI7-BZ#177	0.769	0.858	.01	-11.6	20	73	0
CI8-BZ#204/#200-Cal	0.876	0.943	.01	-7.6	20	70	0
CI7-BZ#171	0.753	0.843	.01	-12	20	73	.02
CI7-BZ#173	0.742	0.809	.01	-9	20	72	0
CI7-BZ#172	0.797	0.884	.01	-10.9	20	74	0
CI7-BZ#192	1.092	1.207	.01	-10.5	20	72	.02
CI6-BZ#156	1.206	1.33	.01	-10.3	20	72	0
CI6-BZ#157	1.246	1.335	.01	-7.1	20	70	0
CI7-BZ#180	0.97	1.009	.01	-4	20	69	0
CI7-BZ#193	0.998	1.05	.01	-5.2	20	68	0
CI8-BZ#197	0.894	0.955	.01	-6.8	20	70	0
CI7-BZ#191	1.037	1.151	.01	-11	20	73	0
CI8-BZ#199	0.889	0.955	.01	-7.4	20	71	0
CI8-BZ#198	0.754	0.79	.01	-4.8	20	74	0
CI8-BZ#201	0.651	0.712	.01	-9.4	20	67	.02
CI7-BZ#170	0.751	0.804	.01	-7.1	20	71	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AMEC Foster Wheeler E & I, Inc.
 Project Name : STRATFORD ARMY ENGINE PLANT
 Instrument ID : BNA2
 Lab File ID : F203071814
 Sample No : WG1095518-4
 Channel :

Lab Number : L1806872
 Project Number : 3616176064.08.01
 Calibration Date : 03/08/18 02:10
 Init. Calib. Date(s) : 02/24/18 02/24/18
 Init. Calib. Times : 10:14 17:39

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
CI7-BZ#190	1.093	1.197	.01	-9.5	20	71	0
CI8-BZ#196	0.706	0.809	.01	-14.6	20	74	0
CI8-BZ#203	0.763	0.762	.01	0.1	20	65	0
CI6-BZ#169-RTW	1.332	1.468	.01	-10.2	20	73	.02
CI9-BZ#208-RTW	0.943	0.975	.01	-3.4	20	71	.02
CI9-BZ#207	0.921	0.986	.01	-7.1	20	70	.02
CI7-BZ#189-RTW	0.995	1.079	.01	-8.4	20	72	.02
CI8-BZ#195	0.694	0.728	.01	-4.9	20	71	.02
CI8-BZ#194	0.743	0.786	.01	-5.8	20	71	0
CI8-BZ#205-RTW	0.91	0.959	.01	-5.4	20	71	.02
CI9-BZ#206-Cal/RTW	0.759	0.804	.01	-5.9	20	71	.02
CI10-BZ#209-Cal/RTW	0.753	0.791	.01	-5	20	70	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AMEC Foster Wheeler E & I, Inc.
 Project Name : STRATFORD ARMY ENGINE PLANT
 Instrument ID : BNA2
 Lab File ID : F203071826
 Sample No : WG1095518-6
 Channel :

Lab Number : L1806872
 Project Number : 3616176064.08.01
 Calibration Date : 03/08/18 16:50
 Init. Calib. Date(s) : 02/24/18 02/24/18
 Init. Calib. Times : 10:14 17:39

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
CI2-BZ#15-C13	1	1	.01	0	20	55	0
CI3-BZ#19-C13 (surr)	0.352	0.377	.01	-7.1	20	59	0
CI1-BZ#1-Cal/RTW	0.922	1.025	.01	-11.2	20	61	0
CI1-BZ#2	0.97	1.052	.01	-8.5	20	60	0
CI1-BZ#3-RTW	0.952	1.037	.01	-8.9	20	60	0
CI2-BZ#4/#10-RTW	0.557	0.615	.01	-10.4	20	60	0
CI2-BZ#9	0.716	0.77	.01	-7.5	20	59	0
CI2-BZ#7	0.698	0.76	.01	-8.9	20	59	0
CI2-BZ#6	0.768	0.826	.01	-7.6	20	59	0
CI2-BZ#5	0.698	0.743	.01	-6.4	20	59	0
CI2-BZ#8	0.794	0.854	.01	-7.6	20	59	0
CI3-BZ#19-RTW	0.392	0.42	.01	-7.1	20	59	0
CI2-BZ#14	0.766	0.816	.01	-6.5	20	58	0
CI3-BZ#30	0.626	0.67	.01	-7	20	59	0
CI3-BZ#18	0.436	0.453	.01	-3.9	20	58	0
CI2-BZ#11	0.822	0.874	.01	-6.3	20	57	0
CI3-BZ#17	0.406	0.428	.01	-5.4	20	58	0
CI2-BZ#12	0.727	0.774	.01	-6.5	20	58	0
CI3-BZ#27	0.562	0.6	.01	-6.8	20	58	0
CI2-BZ#13	0.838	0.892	.01	-6.4	20	58	0
CI3-BZ#24	0.577	0.619	.01	-7.3	20	58	0
CI3-BZ#16	0.354	0.369	.01	-4.2	20	58	0
CI3-BZ#32	0.62	0.652	.01	-5.2	20	58	0
CI2-BZ#15-RTW	0.849	0.878	.01	-3.4	20	57	0
CI3-BZ#34	0.579	0.616	.01	-6.4	20	58	0
CI3-BZ#23	0.569	0.608	.01	-6.9	20	58	0
CI4-BZ#54-RTW	0.53	0.571	.01	-7.7	20	58	0
CI3-BZ#29-Cal	0.574	0.605	.01	-5.4	20	57	0
CI4-BZ#50-Cal	0.443	0.465	.01	-5	20	57	0
CI3-BZ#26	0.644	0.67	.01	-4	20	57	0
CI3-BZ#25	0.627	0.652	.01	-4	20	57	0
CI4-BZ#53	0.489	0.509	.01	-4.1	20	57	0
CI3-BZ#31	0.866	0.883	.01	-2	20	56	0
CI3-BZ#28	0.853	0.838	.01	1.8	20	54	0
CI3-BZ#33	0.608	0.757	.01	-24.5*	20	65	0
CI3-BZ#21/#20	0.77	0.8	.01	-3.9	20	55	0
CI4-BZ#51	0.539	0.584	.01	-8.3	20	57	.02
CI4-BZ#45	0.421	0.443	.01	-5.2	20	57	0
CI3-BZ#22	0.75	0.8	.01	-6.7	20	57	0
CI4-BZ#73/#46	0.563	0.604	.01	-7.3	20	57	0
CI4-BZ#69	0.673	0.685	.01	-1.8	20	55	0
CI4-BZ#43	0.444	0.488	.01	-9.9	20	60	0
CI3-BZ#36	0.835	0.91	.01	-9	20	58	0
CI4-BZ#52	0.547	0.569	.01	-4	20	57	.02
CI4-BZ#48	0.486	0.519	.01	-6.8	20	57	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AMEC Foster Wheeler E & I, Inc.
 Project Name : STRATFORD ARMY ENGINE PLANT
 Instrument ID : BNA2
 Lab File ID : F203071826
 Sample No : WG1095518-6
 Channel :

Lab Number : L1806872
 Project Number : 3616176064.08.01
 Calibration Date : 03/08/18 16:50
 Init. Calib. Date(s) : 02/24/18 02/24/18
 Init. Calib. Times : 10:14 17:39

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
CI4-BZ#49	0.523	0.542	.01	-3.6	20	57	0
CI5-BZ#104-RTW	0.54	0.584	.01	-8.1	20	59	0
CI4-BZ#47	0.564	0.596	.01	-5.7	20	62	0
CI4-BZ#65/#75/#62	0.662	0.713	.01	-7.7	20	56	0
CI3-BZ#39	0.769	0.816	.01	-6.1	20	57	0
CI3-BZ#38	0.742	0.816	.01	-10	20	58	0
CI4-BZ#44	0.455	0.471	.01	-3.5	20	57	0
CI4-BZ#59	0.667	0.693	.01	-3.9	20	58	0
CI4-BZ#42	0.432	0.465	.01	-7.6	20	56	.02
CI4-BZ#71	0.701	0.735	.01	-4.9	20	57	0
CI3-BZ#35	0.776	0.826	.01	-6.4	20	57	0
CI4-BZ#41	0.426	0.453	.01	-6.3	20	57	0
CI4-BZ#72	0.733	0.795	.01	-8.5	20	57	0
CI5-BZ#96	0.584	0.643	.01	-10.1	20	59	0
CI5-BZ#103	0.451	0.496	.01	-10	20	59	0
CI4-BZ#68/#64	0.679	0.735	.01	-8.2	20	57	0
CI4-BZ#40	0.331	0.345	.01	-4.2	20	56	0
CI3-BZ#37-RTW	1.031	1.083	.01	-5	20	56	.02
CI5-BZ#100	0.486	0.539	.01	-10.9	20	59	.02
CI5-BZ#94	0.359	0.402	.01	-12	20	59	0
CI4-BZ#57	0.73	0.766	.01	-4.9	20	55	0
CI4-BZ#67/#58	0.735	0.796	.01	-8.3	20	57	.02
CI5-BZ#102	0.517	0.57	.01	-10.3	20	59	0
CI4-BZ#61	0.723	0.758	.01	-4.8	20	56	0
CI5-BZ#98	0.473	0.518	.01	-9.5	20	58	0
CI4-BZ#76	0.764	0.867	.01	-13.5	20	60	0
CI5-BZ#93	0.382	0.421	.01	-10.2	20	59	0
CI4-BZ#63	0.686	0.698	.01	-1.7	20	54	0
CI5-BZ#121/#95/#88	0.507	0.563	.01	-11	20	58	0
CI4-BZ#74	0.759	0.804	.01	-5.9	20	57	0
CI6-BZ#155-RTW	0.562	0.596	.01	-6	20	57	0
CI4-BZ#70	0.781	0.834	.01	-6.8	20	57	0
CI4-BZ#66	0.707	0.76	.01	-7.5	20	57	.02
CI5-BZ#91	0.447	0.478	.01	-6.9	20	59	0
CI4-BZ#80	0.741	0.79	.01	-6.6	20	57	0
CI4-BZ#55	0.756	0.794	.01	-5	20	56	0
CI5-BZ#92	0.436	0.475	.01	-8.9	20	58	0
CI5-BZ#89/#84	0.418	0.449	.01	-7.4	20	58	0
CI5-BZ#101/#90	0.481	0.52	.01	-8.1	20	57	0
CI5-BZ#101-C13 (surr)	0.514	0.554	.01	-7.8	20	57	.02
CI4-BZ#56	0.748	0.802	.01	-7.2	20	57	0
CI5-BZ#113	0.566	0.651	.01	-15	20	62	0
CI5-BZ#99	0.543	0.581	.01	-7	20	58	0
CI6-BZ#150	0.602	0.655	.01	-8.8	20	58	0
CI4-BZ#60	0.8	0.847	.01	-5.9	20	56	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AMEC Foster Wheeler E & I, Inc.
 Project Name : STRATFORD ARMY ENGINE PLANT
 Instrument ID : BNA2
 Lab File ID : F203071826
 Sample No : WG1095518-6
 Channel :

Lab Number : L1806872
 Project Number : 3616176064.08.01
 Calibration Date : 03/08/18 16:50
 Init. Calib. Date(s) : 02/24/18 02/24/18
 Init. Calib. Times : 10:14 17:39

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
CI6-BZ#152	0.646	0.701	.01	-8.5	20	58	0
CI5-BZ#119	0.658	0.772	.01	-17.3	20	62	0
CI5-BZ#83/#125/#112	0.548	0.575	.01	-4.9	20	56	0
CI5-BZ#86/#109	0.545	0.608	.01	-11.6	20	60	0
CI5-BZ#97	0.406	0.454	.01	-11.8	20	58	0
CI5-BZ#116	0.56	0.604	.01	-7.9	20	58	0
CI5-BZ#87/#111	0.548	0.615	.01	-12.2	20	59	0
CI6-BZ#145	0.667	0.724	.01	-8.5	20	58	0
CI6-BZ#148	0.456	0.492	.01	-7.9	20	58	0
CI4-BZ#79	0.736	0.783	.01	-6.4	20	57	0
CI6-BZ#154-Cal	0.527	0.564	.01	-7	20	57	0
CI4-BZ#78	0.912	0.97	.01	-6.4	20	56	0
CI6-BZ#136	0.584	0.64	.01	-9.6	20	58	0
CI5-BZ#117	0.693	0.704	.01	-1.6	20	54	0
CI5-BZ#115	0.687	0.818	.01	-19.1	20	64	0
CI5-BZ#85	0.429	0.422	.01	1.6	20	55	0
CI5-BZ#120	0.671	0.746	.01	-11.2	20	60	0
CI5-BZ#110	0.648	0.685	.01	-5.7	20	58	0
CI4-BZ#81	0.739	0.777	.01	-5.1	20	57	0
CI7-BZ#180-C13	1	1	.01	0	20	56	0
CI6-BZ#151	0.855	0.906	.01	-6	20	59	0
CI6-BZ#135	0.902	0.972	.01	-7.8	20	58	0
CI5-BZ#82	0.771	0.839	.01	-8.8	20	59	.02
CI6-BZ#144	0.879	0.943	.01	-7.3	20	58	0
CI6-BZ#147/#149	0.939	0.988	.01	-5.2	20	58	0
CI4-BZ#77-RTW	1.283	1.281	.01	0.2	20	54	0
CI6-BZ#143/#139	0.902	0.983	.01	-9	20	58	0
CI5-BZ#124	1.213	1.307	.01	-7.7	20	58	0
CI5-BZ#108	1.232	1.247	.01	-1.2	20	53	0
CI5-BZ#107/#123	1.314	1.456	.01	-10.8	20	61	0
CI6-BZ#140	0.872	0.924	.01	-6	20	58	0
CI7-BZ#188-Cal/RTW	1.025	1.114	.01	-8.7	20	58	0
CI6-BZ#134	0.743	0.786	.01	-5.8	20	56	0
CI5-BZ#106	1.194	1.203	.01	-0.8	20	50	0
CI6-BZ#133	1.011	1.019	.01	-0.8	20	52	0
CI6-BZ#142	0.68	0.791	.01	-16.3	20	68	0
CI5-BZ#118	1.159	1.266	.01	-9.2	20	59	0
CI6-BZ#131	0.783	0.836	.01	-6.8	20	59	0
CI7-BZ#184	1.013	1.073	.01	-5.9	20	58	0
CI6-BZ#165	1.102	1.167	.01	-5.9	20	57	0
CI6-BZ#146	0.964	1.046	.01	-8.5	20	60	0
CI6-BZ#161	1.227	1.305	.01	-6.4	20	57	0
CI5-BZ#122	1.068	1.15	.01	-7.7	20	58	0
CI6-BZ#168	1.179	1.187	.01	-0.7	20	53	0
CI5-BZ#114	1.173	1.27	.01	-8.3	20	58	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AMEC Foster Wheeler E & I, Inc.
 Project Name : STRATFORD ARMY ENGINE PLANT
 Instrument ID : BNA2
 Lab File ID : F203071826
 Sample No : WG1095518-6
 Channel :

Lab Number : L1806872
 Project Number : 3616176064.08.01
 Calibration Date : 03/08/18 16:50
 Init. Calib. Date(s) : 02/24/18 02/24/18
 Init. Calib. Times : 10:14 17:39

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
CI6-BZ#153	1.05	1.176	.01	-12	20	64	0
CI6-BZ#153-C13 (surr)	0.919	0.976	.01	-6.2	20	57	0
CI6-BZ#132	0.842	0.884	.01	-5	20	58	0
CI7-BZ#179	1.046	1.1	.01	-5.2	20	58	0
CI6-BZ#141	0.843	0.889	.01	-5.5	20	58	0
CI7-BZ#176	0.994	1.042	.01	-4.8	20	58	0
CI5-BZ#105	1.435	1.437	.01	-0.1	20	56	0
CI6-BZ#137	0.864	0.931	.01	-7.8	20	58	.02
CI5-BZ#127	1.574	1.631	.01	-3.6	20	57	0
CI7-BZ#186	1.106	1.169	.01	-5.7	20	57	0
CI6-BZ#130/#164	1.008	1.068	.01	-6	20	58	0
CI7-BZ#178	0.758	0.796	.01	-5	20	58	0
CI6-BZ#138	1.024	1.159	.01	-13.2	20	62	0
CI6-BZ#163/#160	1.158	1.176	.01	-1.6	20	54	0
CI6-BZ#129/#158	0.966	1.057	.01	-9.4	20	61	0
CI7-BZ#182/#175	0.867	0.948	.01	-9.3	20	58	0
CI7-BZ#187	0.888	0.926	.01	-4.3	20	57	0
CI7-BZ#183	0.854	0.899	.01	-5.3	20	58	0
CI6-BZ#166	1.258	1.327	.01	-5.5	20	58	0
CI6-BZ#159	1.258	1.305	.01	-3.7	20	57	0
CI5-BZ#126-RTW	1.539	1.608	.01	-4.5	20	57	0
CI7-BZ#185	0.794	0.827	.01	-4.2	20	58	0
CI6-BZ#162	1.166	1.239	.01	-6.3	20	58	.02
CI7-BZ#174	0.788	0.829	.01	-5.2	20	58	.02
CI6-BZ#128	0.862	0.919	.01	-6.6	20	58	0
CI6-BZ#167	1.547	1.674	.01	-8.2	20	59	0
CI8-BZ#202-RTW	0.892	0.955	.01	-7.1	20	58	0
CI8-BZ#202-C13 (surr)	0.942	0.978	.01	-3.8	20	58	0
CI7-BZ#181	0.886	0.951	.01	-7.3	20	58	0
CI7-BZ#177	0.769	0.816	.01	-6.1	20	58	0
CI8-BZ#204/#200-Cal	0.876	0.919	.01	-4.9	20	57	0
CI7-BZ#171	0.753	0.786	.01	-4.4	20	57	.02
CI7-BZ#173	0.742	0.776	.01	-4.6	20	58	0
CI7-BZ#172	0.797	0.819	.01	-2.8	20	58	0
CI7-BZ#192	1.092	1.145	.01	-4.9	20	57	0
CI6-BZ#156	1.206	1.26	.01	-4.5	20	58	0
CI6-BZ#157	1.246	1.288	.01	-3.4	20	57	0
CI7-BZ#180	0.97	1.026	.01	-5.8	20	59	0
CI7-BZ#193	0.998	0.996	.01	0.2	20	54	0
CI8-BZ#197	0.894	0.932	.01	-4.3	20	57	0
CI7-BZ#191	1.037	1.076	.01	-3.8	20	57	0
CI8-BZ#199	0.889	0.912	.01	-2.6	20	57	0
CI8-BZ#198	0.754	0.774	.01	-2.7	20	61	0
CI8-BZ#201	0.651	0.666	.01	-2.3	20	53	.02
CI7-BZ#170	0.751	0.772	.01	-2.8	20	58	0

* Value outside of QC limits.



Continuing Calibration Form 7

Client : AMEC Foster Wheeler E & I, Inc.
 Project Name : STRATFORD ARMY ENGINE PLANT
 Instrument ID : BNA2
 Lab File ID : F203071826
 Sample No : WG1095518-6
 Channel :

Lab Number : L1806872
 Project Number : 3616176064.08.01
 Calibration Date : 03/08/18 16:50
 Init. Calib. Date(s) : 02/24/18 02/24/18
 Init. Calib. Times : 10:14 17:39

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
CI7-BZ#190	1.093	1.151	.01	-5.3	20	58	0
CI8-BZ#196	0.706	0.7	.01	0.8	20	54	0
CI8-BZ#203	0.763	0.809	.01	-6	20	58	0
CI6-BZ#169-RTW	1.332	1.34	.01	-0.6	20	56	0
CI9-BZ#208-RTW	0.943	0.934	.01	1	20	57	.02
CI9-BZ#207	0.921	0.951	.01	-3.3	20	57	0
CI7-BZ#189-RTW	0.995	1.024	.01	-2.9	20	58	.02
CI8-BZ#195	0.694	0.694	.01	0	20	57	.02
CI8-BZ#194	0.743	0.744	.01	-0.1	20	57	0
CI8-BZ#205-RTW	0.91	0.897	.01	1.4	20	56	0
CI9-BZ#206-Cal/RTW	0.759	0.762	.01	-0.4	20	57	0
CI10-BZ#209-Cal/RTW	0.753	0.744	.01	1.2	20	55	-.02

* Value outside of QC limits.



Internal Standard Area and RT Summary Form 8

Client	: AMEC Foster Wheeler E & I, Inc.	Lab Number	: L1806872
Project Name	: STRATFORD ARMY ENGINE PLANT	Project Number	: 3616176064.08.01
Instrument ID	: BNA2	Analysis Date	: 03/07/18 11:17
Sample No	: WG1095518-2	Lab File ID	: F203071802

	CI2-BZ#15-C13		CI7-BZ#180-C13		Area	RT
	Area	RT	Area	RT		
WG1095518-2	390307	23.86	200718	44.88		
Upper Limit	780614	24.36	401436	45.38		
Lower Limit	195154	23.36	100359	44.38		
<hr/>						
Sample ID						
WG1094741-1 BLANK	367914	23.86	191336	44.88		
WG1094741-2 LCS	309766	23.86	168439	44.88		
WG1094741-3 LCSD	385904	23.86	202474	44.88		
SDT-DS-BFT-PC03	362171	23.86	196144	44.94		
SDT-DS-BFT-PC06	357670	23.86	194404	44.88		
WG1095518-4 CCAL	391222	23.86	205053	44.88		

Area Upper Limit = +100% of internal standard area
 Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
 RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits



Internal Standard Area and RT Summary Form 8

Client	: AMEC Foster Wheeler E & I, Inc.	Lab Number	: L1806872
Project Name	: STRATFORD ARMY ENGINE PLANT	Project Number	: 3616176064.08.01
Instrument ID	: BNA2	Analysis Date	: 03/08/18 02:10
Sample No	: WG1095518-4	Lab File ID	: F203071814

	C12-BZ#15-C13		C17-BZ#180-C13		Area	RT
	Area	RT	Area	RT		
WG1095518-4	391222	23.86	205053	44.88		
Upper Limit	782444	24.36	410106	45.38		
Lower Limit	195611	23.36	102527	44.38		
<hr/>						
Sample ID						
SDT-DS-BFT-PC08	377674	23.86	199103	44.88		
SDT-DS-BFT-CC03	372970	23.86	195368	44.88		
SDT-DS-BFT-CC06	380007	23.86	200766	44.88		
SDT-DS-BFT-CC08	313478	23.86	169876	44.88		
SDT-DS-GVT-PC02	381434	23.86	199398	44.88		
SDT-DS-GVT-PC04	379013	23.86	198771	44.88		
SDT-DS-GVT-PC05	382102	23.86	201216	44.88		
SDT-DS-GVT-CC02	378628	23.86	198366	44.88		
SDT-DS-GVT-CC04	376925	23.86	197407	44.88		
SDT-DS-GVT-CC05	382828	23.86	201376	44.88		
WG1095518-6 CCAL	318587	23.86	173051	44.88		

Area Upper Limit = +100% of internal standard area
 Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
 RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits



ATTACHMENT C
Kemron Treatability Study Report

**STRATFORD DEWATERING
BENCH-SCALE STUDY
FINAL REPORT**

KEMRON PROJECT #: SH0664

March 21, 2018

Prepared for:



51 Congress St. Suite 200
Portland, ME 04101
207-828-3605 (Phone)

Prepared by:



Applied Technologies Group
1359-A Ellsworth Industrial Blvd
Atlanta, GA 30318
404-636-0928 (Phone)
404-636-7162 (Fax)

Written By:



James Moyer
Staff Chemist

Reviewed By:



Mark Clark
Senior Technologist

TABLE OF CONTENTS

1.0	INTRODUCTION	1
2.0	MATERIAL RECEIPT AND CHARACTERIZATION	1
3.0	POLYMER EVALUATIONS	3
4.0	MECHANICAL DEWATERING EVALUATIONS	3
	4.1 Crown Belt Press Testing	4
	4.2 Centrifugation Testing	6
	4.3 Recessed Plate (Baroid Filter Press) Testing	6
5.0	GEOTEXTILE FABRIC TESTING	7
	5.1 Rapid Dewatering Testing (RDT)	7
	5.2 GeoTube Dewatering Testing (GDT).....	7
6.0	GRAVITY DRAINAGE TESTING	9
7.0	ADDITIONAL DEWATERING TESTING	11
8.0	SOLIDIFICATION / STABILIZATION EVALUATIONS	13
9.0	EFFLUENT WATER TREATMENT EVALUATIONS	16
10.0	CONCLUSIONS	18

LIST OF TABLES AND APPENDICES

Table 1 – Untreated Physical Properties Testing
Table 2 – Summary of Mechanical Dewatering Evaluations
Table 3 – Summary of Geotextile Fabric Testing
Table 4 – Summary of Gravity Drainage Testing
Table 5 – Additional Mechanical Dewatering Evaluations
Table 6 – Summary of Solidification Testing

Appendix A – Chain of Custody Record
Appendix B – Untreated Physical Properties Testing Data Sheets
Appendix C – WaterSolve Polymer Evaluations Report
Appendix D – Mechanical Dewatering Evaluations Testing Data Sheets
Appendix E – Geotube Dewatering Evaluations
Appendix F – Gravity Drainage Evaluations
Appendix G – Additional Mechanical Dewatering Testing Data Sheets
Appendix H – Solidification Mixture Design Development Data Sheets
Appendix I – Solidification Evaluations Testing Data Sheets

1.0 INTRODUCTION

KEMRON Environmental Services, Inc. (KEMRON) is pleased to present AMEC Foster Wheeler (AMEC) with an interim report for the dewatering study performed on materials from the Stratford Dewatering Site (the site) located at the Stratford Army Engine Plant in Stratford, Connecticut. The purpose of the dewatering study was to evaluate Gravity Drainage Belt Filter Press, Centrifuge, Recessed Plate and Geotube (geotextile bag testing) dewatering techniques in order to increase the material percent solids and density for potential disposal or re-use. In addition, KEMRON evaluated the ability of commonly available reagents and additives capable of improving the physical characteristics of the sediment, primarily moisture / free moisture content and strength. This interim report will primarily describe the protocol used during testing of the site materials as well as the results of testing performed.

In addition to dewatering evaluations, KEMRON was tasked with conducting solidification / stabilization simulations on candidate dewatered materials. Solidification / stabilization testing was performed to evaluate the potential for commonly available additives to improve the physical characteristics, primarily moisture reduction and strength, of the candidate dewatered materials.

This study was performed in general accordance with the Scope of Work (SOW) provided by AMEC dated August 31, 2017 and subsequent telephone and electronic mail conversations between KEMRON and AMEC.

2.0 MATERIAL RECEIPT AND CHARACTERIZATION

On October 6, 2017, KEMRON received two (2) samples from the site including sediment and surface water samples. The individual site composite sediment and composite water materials were prepared, homogenized and containerized prior to shipment to KEMRON's laboratory in Atlanta, Georgia. On receipt, all materials were logged into KEMRON's sample tracking database and placed in secure, refrigerated storage maintained at a temperature of 4 degrees Celsius (°C). Prior to testing KEMRON re-homogenized each site material to ensure uniform materials for testing. A copy of the sample Chain of Custody Record is included in **Appendix A**.

Homogenization was performed on the composite sediment material by placing the sediment material into a large plastic mixing bin. The sediment material was blended by hand until visually homogenous. Note that a layer of free liquid was observed on the surface of the as-received sediment material at the time of the shipment receipt. These liquids were re-incorporated into the sediment material during homogenization. Similarly, the surface water was homogenized by pouring the surface water into a large mixing container and blending until visually homogenous.

After homogenization aliquots of the as-received sediment were subjected to the following untreated material characterization testing:

<u>Parameter</u>	<u>Method</u>
Moisture Content	ASTM D2216
Bulk Unit Weight	ASTM D7263
Grain Size Distribution	ASTM D422
Atterberg Limits	ASTM D4318
USCS Classification	ASTM D2487

Results of untreated characterization testing are presented in **Table 1**. Copies of the physical properties testing data sheets are included in **Appendix B**. The following is a summary of the information presented in Table 1:

TABLE 1
UNTREATED PHYSICAL PROPERTIES TESTING

TESTING PARAMETER	TEST METHOD	UNIT	SAMPLE ID
			Homogenized Sediment
Moisture Content	ASTM D2216		
ASTM Moisture Content		%	72.69
Percent Solids		%	57.91
Bulk Unit Weight	ASTM D7263	pcf	98.7
Atterburg Limits	ASTM D4318 Method B		
Liquid Limit			70
Plastic Limit			37
Plasticity Index			33
Particle Size Distribution	ASTM D422		
Gravel		%	0.0
Sand		%	23.9
Silt		%	64.3
Clay		%	11.8
Sample Description	ASTM D2487		Dark brown elastic silt with sand
Sample Classification	ASTM D2487		MH

Notes:

% = Percent

pcf = pounds per cubic foot

Sample descriptions based on the Unified Classification System.

Sample color determined by the Munsell Soil Color Charts.

Review of the data in **Table 1** shows the composite sediment is composed mainly of silt at 64.3 percent (%) with a plasticity index of 33 and is classified as MH and described as s dark brown elastic silt with sand. The sediment exhibited a bulk unit weight of 98.7 pounds per cubic foot (pcf) and had a percent solids of 57.91%.

In addition to the as-received sediment material, KEMRON prepared a simulated raw hydraulic dredge (RHD) material consisting of the sediment combined with the surface water. Prior to preparing the RHD material, KEMRON sieved the as-received sediment material through a #200 sieve. The material passing the sieve was utilized in preparing the RHD material and the retained material was bagged and placed into storage. The material passing the #200 sieve represented approximately 76% of the solids present in the as-received sediment material. The RHD material was prepared to create a material exhibiting a solids content of approximately 6 to 8%. KEMRON prepared a large batch of the RHD at an approximately ratio of 16:1 surface water to sieved sediment material. Moisture content testing performed on the RHD indicated a percent solids content of 6.02% was achieved.

Note that all analytical testing conducted during the course of the study was performed by EnviroSystems, Inc. located in Hampton, New Hampshire. Note that all analytical testing was subcontracted and managed by AMEC. As such this report does not include the results of any analytical testing performed on the untreated or treated materials.

3.0 POLYMER EVALUATIONS

KEMRON prepared approximately one (1) gallon of the simulated raw hydraulic dredge (RHD) material at approximately 6% solids as directed by AMEC. KEMRON forwarded the prepared slurry to WaterSolve, a polymer distributor and expert in polymer applications and testing. WaterSolve conducted a series of jar tests in order to determine the most effective polymers (coagulants and flocculants included) and dosage for the site material. Polymer effectiveness was determined by visual observations such as sediment floc, water release rate, and water clarity. Results of the polymer evaluations indicate that a single product application of the polymer "Solve 137", a cationic organic flocculant, at a dosing rate of 2.3 pounds per dry ton (lbs/dry-ton) is recommended. WaterSolve indicated that an increase in polymer addition of 5% above the recommended dosage may increase treatment effectiveness when a mechanical dewatering process is utilized. KEMRON conducted a series of jar tests to evaluate the polymer effectiveness at increased dosing rates of +2.5% and +5.0%. KEMRON observed there to be little difference in the settling rate and water clarity with the increased polymer dosing rates. Therefore, KEMRON continued to use the recommended dosage of 2.3 lb/dry-ton throughout the duration of the study. Complete polymer evaluation reports from WaterSolve are provided in **Appendix C**. Contact information for WaterSolve is included below:

Doug Walker
WaterSolve
5031 - 68th Street SE
Caledonia, MI 49316
T: (616) 575-8693

4.0 MECHANICAL DEWATERING EVALUATIONS

KEMRON evaluated three (3) mechanical dewatering technologies including the Belt Filter Press, Centrifugation and Recessed Plate (Baroid filter press). Testing was conducted on the RHD material with a 6.02% solids content which had been conditioned with the Solve 137 polymer at an addition rate of 2.3 lb/dry ton.

4.1 Crown Belt Press Testing

The Crown Belt Press is an instrument designed to simulate the action of a sludge dewatering belt filter press. The press permits rapid evaluation of conditioners and belt materials for a given application. The Crown Belt Press removes water from treated material in a fashion comparable to a full-scale press and allows for the collection of data pertinent to the belt press process. KEMRON performed some trial runs on various filter media provided by National Filter Media. KEMRON observed the Red Twill media to perform the most effectively while allowing the filter cake to release from the media without leaving behind residual. For each test, KEMRON used a 1,000 milliliter (mL) aliquot of the prepared slurry containing approximately 6.02% solids. KEMRON conditioned the slurry with the appropriated polymer and dosage (13.3ml) and poured the conditioned slurry through the gravity drain funnel and filter media provided with the crown belt press. KEMRON timed the release of water until water no longer dripped through the funnel, a period requiring 20 minutes. KEMRON removed the filter cake from the gravity drain funnel and placed it between the belt press media. In accordance with the Crown Belt Press manufacturers recommended procedure, each belt press test consisted of three squeezes, each one greater in tension than the previous to simulate the different treatment zones of a typical belt filter press.

KEMRON conducted the first squeeze by slowly increasing the belt tension until either the material began to overflow the belt pair or significant dewatering was observed. Once the belt tension stabilized, KEMRON recorded the peak tension in pounds. KEMRON recorded a tension of 103 pounds for the first squeeze. The belt tension was released and a second squeeze was conducted by rapidly increasing the belt tension until dewatering occurred and the peak tension of 163.5 pounds was recorded. Squeeze number three was conducted in the same manner as squeeze number two with a maximum tension of 207.5 pounds.

Upon completion of three squeezes using the above testing regimen, KEMRON removed the pressed cake from the belt and performed moisture / solids content, and paint filter testing. The crown belt press simulation resulted in the collection of 920 ml of effluent liquid collected during the initial gravity drainage of the 1,000 gram feed sample, a collection of 49 ml of effluent collected during the first squeeze, 3 ml during the second squeeze, and 2 ml collected during the final squeeze. The final moisture content of the treated material was 88.97% and the solids content was a 52.92%. The treated crown belt press material passed paint filter testing. Additionally, KEMRON forwarded an aliquot of the collected effluent and resultant solids for analytical testing.

The belt press dewatering simulations were conducted in accordance with the operating procedures for the Crown belt press. KEMRON understands that the number of squeezes and the belt tensions utilized are relevant for full-scale belt press applications and design purposes. However, the testing parameters utilized may not represent all equipment and contractor treatment procedures. The results of the crown belt filter testing is presented in Table 2 and the bench top data sheet is included in **Appendix D**.

**AMEC FW
STRATFORD DEWATERING
KEMRON PROJECT NO. SH0664**

TABLE 2

Summary of Mechanical Dewatering Evaluations

Sample Identification	Feed Volume (mL)	Feed Solids (%)	Polymer Addition⁽¹⁾ (lb/dry-ton)	Effluent Collected (mL)	Final Moisture Content (%) ASTM D2216	Final Percent Solids (%)	Paint Filter Test (Pass/Fail) EPA 9095
DEW-SED-PT-BeltPress	1000	6.06	2.3	974	88.97	52.92	Pass
DEW-SED-PT-Centrifuge	1000	6.06	2.3	930	135.87	42.40	Pass
DEW-SED-PT-FilterPress (100psi)	400	6.06	2.3	370	133.16	42.94	Pass

Notes:

Belt Press testing conducted using Red Twill belt press material from National Filter Media

Filter Press testing conducted using Micronics Polypropylene Mono/Multi Satin 3.3-4.4 CFM Filter Cloth Style 8944

Centrifuge testing was performed at 1,500 revolutions per minute for a period of 10 minutes

All testing conducted on screened material <#200 Sieve

(1) = Selection and dosage of polymer "Solve 137" determined by WaterSolve

PT = Polymer Treated

% = percent

mL=milliliters

lb = pounds

4.2 Centrifugation Testing

KEMRON performed centrifuge testing on the polymer conditioned 6.02% solids RHD material by placing a 1,000 mL aliquot of the prepared slurry into Teflon bottles. The samples were then placed into a large capacity centrifuge and centrifuged for a period of 10 minutes at a 1,500 rotations per minute (RPM). After treatment, the water was decanted from the top of the settled sediment and the sediment was removed from the bottom of centrifuge bottles and subjected to moisture / solids content and paint filter testing. The results of the centrifuge testing is also included in **Table 2** and bench data sheets are found in **Appendix D**.

Review of the data in Table 2 shows that 930 ml of liquid was decanted from the surface of the centrifuged sediment materials. The final moisture content of the residual solids was 135.87% and the solids content was measured at 42.4%. The centrifuged solids material passed paint filter testing.

4.3 Recessed Plate (Baroid Filter Press) Testing

Baroid Filter Press testing is a dewatering simulation where positive pressure is applied to the site material. This testing is considered a viable simulation to evaluate dewatering applications such as plate and frame treatments. Filter press testing was performed at a positive pressure of 100 pounds per square inch (psi). Each stainless steel Baroid Filter Press chamber was lined with a Micronics Filter Cloth Style 8944. The provided filter cloth was a polypropylene mono/multi satin weave with a 3.3-3.4 cubic feet per minute (CFM) air flow rate.

KEMRON placed 400 mL of the polymer conditioned test slurry into the Baroid filter press chamber. A positive 100 pounds per square inch (psi) air pressure was introduced into the chamber to force any free liquid from the test material, and was continued for approximately six (6) minutes until breakthrough occurred. After air breakthrough occurred, KEMRON removed the filter cake from the test chamber and tested the sample for moisture / solids content and paint filter. The results of Baroid filter press testing are summarized in **Table 2**, and bench data sheets are included in **Appendix D**.

Review of Table 2 shows that 370 ml of effluent was collected from the approximately 400 ml test sample, and the treated filter cake had a moisture content of 133.16% with a solids content of 42.94%. The treated filter cake passed paint filter testing. Specifications on the filter media used can be obtained by contacting:

Ryan S. Nickerson
Micronics Inc.
200 West Road
Portsmouth, NH 03801
(P) 603-433-1299 Ext. 3037
(F) 603-433-6673
ryan.nickerson@micronicsinc.com

5.0 GEOTEXTILE FABRIC TESTING

KEMRON performed both the Rapid Dewatering Test (RDT) and GeoTube Dewatering Test (GDT) in accordance with Tencate testing procedures. Testing was performed on a Raw Hydraulic Dredge material specifically prepared for the GeoTube testing. This GeoTube RHD material was developed by adding site surface water to the as-received site sediment material (not sieved separated) until a percent solids content of approximately six (6) percent was achieved. Prior to performing the RDT and GDT testing, the GeoTube RHD material was conditioned with the polymer in accordance with the protocol outlined by WaterSolve. The RDT is designed to provide an indication if dewatering with GeoTubes is feasible. GeoTubes are also used to evaluate the efficiency of polymers, measure the volume of effluent filtrate for the treated sediment, record time for filtration and analyze the quality of effluent water.

5.1 Rapid Dewatering Testing (RDT)

KEMRON performed RDT testing using GeoTube GT 500 fabric provided by Tencate. GeoTube 500 fabric is recommended by Tencate because it is the most commonly used fabric for dewatering sediment materials. RDT tests consisted of a 1,000 mL aliquot of prepared slurry at approximately 6% solids. KEMRON treated the slurry with the appropriate polymer and dosage recommended by WaterSolve and poured the conditioned slurry through the GT 500 fabric. Effluent drainage was timed and the amount of effluent collected was recorded after 1 minute of draining and again after 60 minutes. After 60 minutes, aliquots of the filter cake material were subjected to percent solids content and paint filter testing. The results of RDT testing is included in **Table 3**. Review of Table 3 shows that the RDT cake residual exhibited a solids content of 32.21% and failed the paint filter testing. Note that KEMRON understands that the RDT testing procedure does not produce the same quality of sediment as a full scale GeoTube application is capable of producing and is not representative of potential full-scale applications. The RDT testing is a quick screening test to evaluate the feasibility of GeoTube dewatering and compare the effectiveness of various polymers. Bench data sheets are included in **Appendix E**.

Specifications for the GeoTube GT 500 fabric can be obtained by contacting Tencate.

Chris Timpson, Engineering Business Mgr-Southeast
Tencate
3680 Mount Olive Road
Commerce, GA 30529
706-693-1833

5.2 GeoTube Dewatering Testing (GDT)

KEMRON performed the GDT testing using GeoTube GT 500 fabric bags provided by Tencate. KEMRON passed fifteen (15) gallons of polymer conditioned RHD slurry through the GT 500 bags. The sediment was allowed to drain for a period of 24 hours prior to performing physical properties testing on the dewatered sediment. The results of the GDT testing are provided in **Table 3**. These results show that after 24 hours of draining, the dewatered cake material had a solids content of 49.17% and passed paint filter testing. Data sheets for all GDT testing is included in **Appendix E**. KEMRON also forwarded aliquots of the GDT effluent and resultant solids to an EnviroSystems, Inc.

**AMEC FW
STRATFORD DEWATERING
KEMRON PROJECT NO. SH0664**

**TABLE 3
Summary of Geotextile Fabric Testing**

Sample Identification	Feed Soilds (%)	Polymer Addition (lb/dry-ton)	Cake Evaluations	
			ASTM D2216	Paint Filter Test (Pass/Fail)
			Cake Percent Solids (%)	
DEW-SED-PT-RDT	6.06	2.3	32.21	Fail
DEW-SED-PT-GDT*	6.06	2.3	49.17	Pass

Notes:

% = percent

6.0 GRAVITY DRAINAGE TESTING

KEMRON performed gravity drainage testing on the as-received composite sediment at the request of AMEC. Unlike the previous dewatering testing, the feed material for the gravity drainage test was not screened (not sieved), and was not treated with polymer. Gravity drainage testing was performed to evaluate the reduction in moisture that may be achieved by allowing the site material to gravity drain during barge decanting/dewatering and or while stockpiled during field operations. In order to simulate the process on the laboratory scale, testing was performed by allowing a known quantity of the untreated material to drain via gravity through a porous filter paper media with a particle retention size of 25 microns which is consistent with silt sized particles. Prior to performing gravity drainage testing AMEC had requested that an additional 15% site surface water addition be adjusted for the gravity drainage test. KEMRON added 15% site surface water by wet bulk weight to the samples prior to testing. For example with a 1,000 g aliquot of sediment, KEMRON blended 150 ml of site surface water.

KEMRON placed approximately 1,134.5 grams of the surface water and as-received composite sediment mixture into a pre-weighed funnel lined with the filter media and allowed it to drain for a period of 72 hours. After 72 hours, KEMRON performed solids content, pocket penetrometer, shear strength, painter filter testing, and unconfined compressive strength (UCS) testing. Results of the gravity drainage testing are presented in **Table 4**.

At the request of AMEC, KEMRON continued gravity drainage testing for an additional 2 days, a total treatment period of 5 days. KEMRON observed a slight continuation of free liquid removal from the test material after 5 days. Over the additional 2 days of testing a total of 18 ml of additional effluent was collected. At the termination of the 5 day gravity drain testing the percent solids content was 56.52%, an increase of 0.2% compared to the 72 hour gravity drainage sediment. The results of testing performed on the 5 day gravity drainage material is also summarized in **Table 4**.

The results presented in **Table 4** indicate the material does not gravity drain very well. Only 80 grams of effluent were collected over a 72 hour period. The cake percent solids was determined to increase from 50.36% in the feed stock to 56.32% in the treated cake after 5 days of draining. The treated sediment material exhibited a density of 92.9 pcf, a shear strength of 0.10 kilograms per square centimeter (Kg/cm^2) but no recordable pocket penetrometer strength. The treated sediment material failed paint filter testing and could not undergo UCS testing because the material lacked sufficient strength to maintain its shape prior to testing. Gravity drainage testing data sheets can be found in **Appendix F**

AMEC FW
STRATFORD DEWATERING STUDY
KEMRON PROJECT NO. SH0664

TABLE 4
Summary of Gravity Drainage Testing

Sample Identification	Gravity Drainage Treatment Time (Hrs/Days)	Initial Soil Mass (g)	Final Soil Mass (g)	Effluent Collected (mL)	Initial Percent Solids (%)	Cake Evaluations								
						ASTM D2216	ASTM D7263	Cake Pocket Penetrometer (TSF)	Cake Shear Strength (Kg/cm ²)	Paint Filter Test (Pass/Fail)	Unconfined Compressive Strength ASTM D2166			
						Final Percent Solids (%)	Final Density (lb/ft ³)				Moisture Content (%)	Bulk Density (lb/ft ³)	Dry Density (lb/ft ³)	UCS (lb/in ²)
DEW-SED-GravityDrain	72 Hr / 3 Day	1134.5	1052.0	80.69	50.36	56.32	92.9	0.0	0.10	Fail				F
DEW-SED-GravityDrain	120 Hr / 5.0 Day	1134.5	1034.0	98.69	50.36	56.52								

Notes:

Gravity Drain Testing conducted for 120 hours (5 days)

DEW-SED-Gravity Drain- raw, unscreened sediment with no polymer treatment and 15% water addition by bulk weight

mL= milliliters

g = grams

TSF=tons per square foot

% = percent

Kg/cm²=kilograms per square centimeter

lbs/ft³=pounds per cubic foot

lb/in² = pounds per square inch

Shear Strength measured using a laboratory vane shear apparatus

7.0 ADDITIONAL DEWATERING TESTING

Following review of the mechanical and gravity drainage dewatering simulations, AMEC requested that additional dewatering testing be performed to evaluate the effectiveness of the Baroid filter press treatment with and without the use of polymer conditioning, and to determine if a higher treatment pressure of 125 psi provided additional treatment effectiveness. KEMRON conducted the following dewatering testing:

- DEW-SED-FilterPress (Baroid filter press) at 100 psi with no polymer
- DEW-SED-PT-FilterPress (Baroid filter press) at 125 psi with polymer conditioning
- DEW-SED-FilterPress (Baroid filter press) at 125 psi with no polymer

The results of the additional mechanical dewatering simulations are summarized in **Table 5**. All treatment simulations were conducted in accordance with the previously discussed treatment protocols. Note that KEMRON has included the results of the Crown belt press, centrifugation treatment, and baroid filter press testing which were originally presented in Table 2 to compare potential treatment effectiveness.

Review of **Table 5** indicates that the use of polymer conditioning significantly reduces the effectiveness of dewatering using this treatment application. Additionally an increase in treatment pressure did not provide an increase in treatment effectiveness. Bench top testing data sheets for the additional dewatering simulations are found in **Appendix G**.

**AMEC FW
STRATFORD DEWATERING
KEMRON PROJECT NO. SH0664**

TABLE 5

Additional Mechanical Dewatering Evaluations

Sample Identification	Feed Volume (mL)	Feed Solids (%)	Polymer Addition⁽¹⁾ (lb/dry-ton)	Effluent Collected (mL)	Final Moisture Content (%) ASTM D2216	Final Percent Solids (%)	Paint Filter Test (Pass/Fail) EPA 9095
DEW-SED-FilterPress (100psi)	400	6.06	N/A	395	51.02	66.22	N/A
DEW-SED-PT-FilterPress (125psi)	400	6.06	2.3	390	102.66	49.39	N/A
DEW-SED-FilterPress (125psi)	400	6.06	N/A	395	51.30	66.10	N/A
DEW-SED-PT-BeltPress	1000	6.06	2.3	974	88.97	52.92	Pass
DEW-SED-PT-Centrifuge	1000	6.06	2.3	930	135.87	42.40	Pass
DEW-SED-PT-FilterPress (100psi)	400	6.06	2.3	370	133.16	42.94	Pass

Notes:

Belt Press testing conducted using Red Twill belt press material from National Filter Media

Filter Press testing conducted using Micronics Polypropylene Mono/Multi Satin 3.3-4.4 CFM Filter Cloth Style 8944

Centrifuge testing was performed at 1,500 revolutions per minute for a period of 10 minutes

All testing conducted on screened material <#200 Sieve

(1) = Selection and dosage of polymer "Solve 137" determined by WaterSolve

PT = Polymer Treated

% = percent

mL=milliliters

lb = pounds

8.0 SOLIDIFICATION / STABILIZATION EVALUATIONS

The primary applications of solidification / stabilization include 1) treatment of liquids and sludges for land disposal, 2) remediation of contaminated sites containing organic and inorganic contaminants, and 3) solidification of materials which are physically unstable. In the remainder of this discussion, the terms solidification, stabilization and immobilization will be used interchangeably. To perform solidification treatment, common binding reagents or proprietary reagents are added to the untreated waste materials. Common binding agents may include materials like Portland cement, blast furnace slag, cement or lime kiln dusts, fly ash and organophillic clays. For this project Type I Portland cement and Mintek's Calciment® product were the only solidification reagents utilized.

Solidification Evaluations

Based on the data from the dewatering phases of the study, AMEC selected two dewatered materials for solidification evaluations. KEMRON conducted bulk dewatering treatments including; 1) Crown Belt Filter simulations on the polymer treated RHD material, which exhibited an initial solids content of approximately six (6) percent. KEMRON performed numerous belt filter treatments to produce the necessary quantity of treated material for solidification evaluations. The typical results for the effectiveness of belt filter treatment is outlined in **Table 2**, and 2) Gravity Drainage treatment which was conducted on the as-received sediment material with an additional 15% surface water incorporation. Typical results for gravity drainage dewatering is summarized in **Table 4**.

KEMRON prepared a total of twelve (12) solidification mixtures including three (3) mixtures using Type I Portland cement for both the belt press and gravity drainage treated materials, and 3 mixtures for each dewatered material using the Mintek Calciment® material. The mixture design formulations are presented in **Table 6** and bench top mixture development data sheets are included in **Appendix H**. The mixtures were developed by placing an aliquot of the appropriate dewatered material into a blending chamber. The reagent was added dry to the dewatered sediment and blended at a rate of approximately 30 to 40 rotations per minute (rpm) until visually homogeneous, approximately 60 to 90 seconds. Immediately following mixture development, the mixtures were placed and tamped into cylindrical molds for curing. Note that all reagent addition rates are calculated on a by-weight basis according to the amount of dewatered sediment being treated. For example for a mixture developed with the Belt Press dewatered material at a 5% Portland cement addition rate, 5 grams of Type I Portland cement was added dry to every 100 grams of the dewatered Belt Press material.

Throughout the curing process, KEMRON monitored the potential setting characteristics of each treated material via pocket penetrometer, and pocket Torvane shear strength testing. Penetrometer and Torvane testing was conducted at curing intervals of 1, 3, and 5 days of curing. The results of penetrometer and Torvane testing are summarized in **Table 6**. Review of this data indicates that Type I Portland cement provided higher penetrometer and Torvane shear strengths than the Calciment® material for both the belt press and gravity drainage materials. Note that with the treatment of the belt press material, the six (6) percent Portland cement addition rate achieved the maximum penetrometer strength of greater than 4.5 tons per square foot (TSF) at the 3 day cure interval and the 8% Portland cement addition did not reach the maximum penetrometer strength until the 5 day cure interval. This may be a function of water available in the material to hydrate the cement.

At the eight (8) day cure interval each solidified material was subjected to Unconfined Compressive Strength (UCS) testing in accordance with ASTM Method D1633. The results of UCS testing is also presented in **Table 6** and bench top testing data sheets are included in **Appendix I**. Table 6 indicates that the belt press dewatered sediment achieved the highest UCS strength of 71.7 pounds per square inch (psi) with a 6% addition rate of Type I Portland cement added dry. Note that the belt filter material treated with a higher addition rate of 8% Portland cement showed a lower UCS strength which may indicate there is insufficient available water to fully hydrate the cement at an 8% addition rate. The treated Gravity Drainage material exhibited the highest UCS strength of 57.2 psi at the 8-day cure, when treated with a 5% Type I Portland cement dry addition.

KEMRON conducted an additional UCS break at the 28 day cure interval to evaluate potential strength gain with longer mixture curing. Review of the 28-day UCS results presented in **Table 6** shows that significant strength gains were observed in the belt press material treated with Portland cement at addition rates of 6 and 8%. Specifically, the UCS strength of the 6% Portland cement treated belt press material increased from 72.0 to 108.3 psi from the 8 to the 28 day curing period, and the strength of the 8% Portland cement treated belt press material increased from 48.1 to 91.3 psi during the same curing interval. The Mintek Calciment treated belt press samples also showed an increase in UCS strength achieving a 31.5 psi value with a 6% Calciment addition at the 28 day cure, and a strength of 44.8 psi with an 8% Calciment addition at day 28.

Review of the 28-day UCS results for the Gravity Drainage treated materials also show significant strength gains between the 8 and 28-day cure intervals. The gravity drainage material treated with a Portland cement addition of 4% showed a strength gain from 35.8 to 61 psi over the extended curing period, and the 5% Portland treated sample exhibited a strength gain from 57.2 to 90.0 psi from the 8 to the 28-day cure period. Unlike the belt press treated materials, the gravity drainage material treated with the Mintek Calciment did not exhibit a notable increase in UCS strength.

AMEC FW
STRATFORD DEWATERING STUDY
KEMRON Project No. SH0664

TABLE 6
Summary of Solidification Evaluations

KEMRON Sample Number	Untreated Material Type	Reagent Type	Reagent Addition % by Wet Soil wt.	Cure Day	Pocket Penetrometer (TSF)	Pocket Torvane kg/cm ²	UCS ASTM D1633 (psi)	ASTM D7263 Bulk Unit Weight (lb/ft ³)	Moisture Content ASTM D2216	
									Moisture Content (%)	Percent Solids (%)
0664-001	DEW-SED-PT-Belt Press	Type I Portland Cement	3.0	1	0.0	0.5				
				3	0.0	0.5				
				5	0.25	2.8				
				8			5.4	90.4	90.6	52.47
				28			8.8	91.1	91.3	52.28
0664-002	DEW-SED-PT-Belt Press	Type I Portland Cement	6.0	1	2.0	2.5				
				3	>4.5	6.25				
				5	>4.5	5.5*				
				8			72.0	89.7	85.7	53.87
				28			108.3	89.2	85.3	53.96
0664-003	DEW-SED-PT-Belt Press	Type I Portland Cement	8.0	1	2.0	2.5				
				3	4.0	4.5				
				5	>4.5	4.5				
				8			48.1	90.6	80.5	55.41
				28			91.3	89.6	80.8	55.32
0664-004	DEW-SED-PT-Belt Press	Mintek Calciment	3.0	1	0.0	0.0				
				3	0.0	0.0				
				5	0.25	1.0				
				8			F	91.5	91.1	52.33
				28			F	88.5	94.8	51.34
0664-005	DEW-SED-PT-Belt Press	Mintek Calciment	6.0	1	0.0	1.0				
				3	0.0	1.0				
				5	0.25	2.5				
				8			10.0	92.6	81.3	55.15
				28			31.5	92.1	85.2	54.00
0664-006	DEW-SED-PT-Belt Press	Mintek Calciment	8.0	1	0.0	1.0				
				3	0.0	1.0				
				5	0.25	2.5				
				8			9.8	93.9	82.8	54.72
				28			33.8	92.0	83.7	54.45
0664-007	DEW-SED-Gravity Drain	Type I Portland Cement	2.0	1	0.0	1.0				
				3	0.25	1.5				
				5	0.5	2.0				
				8			3.2	91.6	77.6	56.31
				28			5.5	97.1	84.3	54.25
0664-008	DEW-SED-Gravity Drain	Type I Portland Cement	4.0	1	1.5	3.5				
				3	4.0	3.5				
				5	>4.5	3.5				
				8			35.8	94.8	77.5	56.32
				28			61.0	92.7	78.8	55.92
0664-009	DEW-SED-Gravity Drain	Type I Portland Cement	5.0	1	1.5	3.0				
				3	3.75	4.0				
				5	>4.5	1.5*				
				8			57.2	95.4	72.1	58.12
				28			90.0	94.5	73.8	57.53
0664-010	DEW-SED-Gravity Drain	Mintek Calciment	2.0	1	0.0	0.0				
				3	0.0	0.0				
				5	0.0	0.0				
				8			F	93.4	81.3	55.15
				28			F	91.6	85.0	54.06
0664-011	DEW-SED-Gravity Drain	Mintek Calciment	4.0	1	0.0	0.0				
				3	0.0	0.0				
				5	0.5	2.0				
				8			9.1	97.4	73.1	57.76
				28			11.5	95.6	75.2	57.07
0664-012	DEW-SED-Gravity Drain	Mintek Calciment	5.0	1	0.0	0.5				
				3	0.0	0.0				
				5	0.5	1.8				
				8			11.0	96.2	76.7	56.60
				28			18.5	94.3	76.6	56.64

Notes:

% = Percent

Wl= Weight

s.u. = standard units

lb/ft³ = pounds per cubic foot

Grey Shading, Testing not requested

Belt Press feed material is a 6% solids slurry, polymer treated. Dewatered sediment % solids of 49.14%

TSF= Tons per square foot

* pocket torvane could not penetrate the material sufficiently for an accurate test

psi= pounds per square inch

F= Fails under its own weight

9.0 EFFLUENT WATER TREATMENT EVALUATIONS

KEMRON performed evaluations of the quality of the effluent water collected during the bulk treatment of the RHD material using the belt filter simulations. Aliquots of the raw belt press effluent were forwarded to Alpha Analytical for total metals and total PCB analyses. To evaluate the potential reduction in metals and PCB concentrations in the effluent water, KEMRON performed filtration testing using filter media with nominal pore sizes of 0.45 microns and 0.10 microns. Aliquots of each filtered water was forwarded for analyses.

Additionally, KEMRON conducted carbon isotherm testing on both the raw effluent water from belt press treatment as well as the belt press water which had been filtered through the 0.1 micron filter media, to determine the potential effectiveness of activated carbon adsorption at reducing concentrations of PCBs from the belt press effluent water. KEMRON performed two individual carbon isotherm tests using carbon addition rates of 0.0 (a control), 10, 20, 40 and 80 grams of bituminous coal granular activated carbon (GAC) per liter of test water. The GAC material utilized in the testing was product F-400 provided by Calgon Carbon Corporation.

The isotherm testing was conducted on raw effluent water collected during belt filter treatment, and on belt filter effluent water which had been pre-filtered through a 0.1 micron filter media. Five (5) separate sample jars were prepared for each isotherm test. KEMRON placed one (1) liter of the effluent water to be tested into each of the 5 jars, and the outlined quantity of GAC was added to the appropriate jar. The jars were agitated for a period of two (2) hours using a multi-station gang stirrer equipped with stainless steel mixing paddles. Following the 2-hour mixing period each jar sample was filtered through a standard nylon paint filter and submitted to Alpha Analytical for total PCB analyses. Analytical results were provided from Alpha Analytica directly to the client and not included in this report. The Sample ID matrix for the analytical testing is as follows:

Sample Matrix for Belt Press Effluent Water Treatment

SAMPLE ID	Description
SW-DF-BFF-0.1um	Belt Press Effluent water, filtered through a 0.1 micron sample. PCB and Metals analysis
SW-DF-BFF-0.1um Ctr	Belt Press Effluent water, filtered through a 0.1 micron sample, control sample of Isotherm Carbon treatment testing. PCB and Metals analysis
SW-DF-BFF-0.1um 10C	Belt Press Effluent water, filtered through a 0.1 micron sample, 10 grams carbon/1L effluent water for Isotherm Carbon treatment. PCB and Metals analysis
SW-DF-BFF-0.1um 20C	Belt Press Effluent water, filtered through a 0.1 micron sample, 20 grams carbon/1L effluent water for Isotherm Carbon treatment. PCB and Metals analysis
SW-DF-BFF-0.1um 40C	Belt Press Effluent water, filtered through a 0.1 micron sample, 40 grams carbon/1L effluent water for Isotherm Carbon treatment. PCB and Metals analysis
SW-DF-BFF-0.1um 80C	Belt Press Effluent water, filtered through a 0.1 micron sample, 80 grams carbon/1L effluent water for Isotherm Carbon treatment. PCB and Metals analysis
SW-DF-BFT- Crt	Belt Press Effluent water, unfiltered, control sample of Isotherm Carbon treatment testing. PCB analysis only.
SW-DF-BFT- 10C	Belt Press Effluent water, unfiltered, 10 grams carbon/1L effluent water for Isotherm Carbon treatment. PCB analysis only.
SW-DF-BFT- 20C	Belt Press Effluent water, unfiltered, 20 grams carbon/1L effluent water for Isotherm Carbon treatment. PCB analysis only.
SW-DF-BFT- 40C	Belt Press Effluent water, unfiltered, 40 grams carbon/1L effluent water for Isotherm Carbon treatment. PCB analysis only.
SW-DF-BFT- 80C	Belt Press Effluent water, unfiltered, 80 grams carbon/1L effluent water for Isotherm Carbon treatment. PCB analysis only.

10.0 CONCLUSIONS

KEMRON conducted treatability testing services for AMEC to evaluate potential dewatering technologies capable of increasing the solids content of mechanically dredged and simulated hydraulic dredge sediment materials from the site. KEMRON performed dewatering simulations including belt press, centrifuge, filter press, geotextile Geotube, and gravity drainage dewatering applications. Additionally, KEMRON conducted solidification treatment applications to evaluate the potential for Type I Portland cement and Calciment® to further improve the physical characteristics of candidate dewatered materials, primarily improving the strength of the treated materials.

Based on the results of testing, the use of the cationic organic flocculant “Solve 137” polymer, distributed by WaterSolve was highly effective at separating the solids and liquid phases of the simulated hydraulic dredge material, and increased the effectiveness of mechanical dewatering techniques with the exception of the Baroid filter press testing. The Baroid filter press is often utilized to simulate potential dewatering technologies such as plate and frame dewatering. Testing indicated that the Baroid filter press simulations were more effective without the use of the polymer. All of the dewatering technologies evaluated achieved some degree of solids content increase. However, gravity drainage treatment was the only dewatering technology that did not produce a treated material capable of passing paint filter testing.

Solidification evaluations were conducted on dewatered materials from gravity drainage testing and belt press treatments. Solidification reagents evaluated included Type I Portland cement and Calciment® which were individually added dry to both dewatered materials. The results of testing conducted on the treated materials during the solidification phase of the study indicate that Portland cement was more effective at increasing the UCS strength of the dewatered sediments than the Calciment® reagent. The selection of the appropriate reagent addition rate will likely be dependent on the desired UCS strength of the treated material. Testing indicated that a 6% addition of Portland cement added to the belt press residual sediment achieved a UCS value of 72.0 psi after 8 days of curing, and increased to 108.3 psi at the 28-day cure interval. The 8% Portland addition treated belt press material exhibited lower UCS values at the same cure dates with strength values of 48.1 psi after 8 days and 91.3 psi after 28 days. Treatments utilizing the Mintek Calciment reagent applied at addition rates of 6 and 8% to the belt press material achieved significantly lower strengths at the 8 day cure date but did exhibit an increase in strength at the 28-day cure time with values of 31.5 and 33.8 psi respectively.

Testing conducted on the gravity drainage dewatered sediment showed that a 4% dry addition of Portland cement showed an 8 day UCS value of 35.8 psi and increased to 61.0 psi after 28 days. The 5% addition rate of Portland cement resulted in a UCS value of 57.2 psi after 8 days of curing and increased to 90.0 psi at the 28-day cure. The gravity drainage material treated with the Calciment reagent did not exhibit a significant increase in strength from day 8 to the 28-day cure.

This report should be reviewed in its entirety including all attachments prior to making decisions concerning a remedial approach. This study is intended to suggest what will occur in the field but does not guarantee the same results.

**AMEC FOSTER WHEELER
STRATFORD DEWATERING
KEMRON PROJECT No. SH0664**

**TABLE 1
UNTREATED PHYSICAL PROPERTIES TESTING**

TESTING PARAMETER	TEST METHOD	UNIT	SAMPLE ID
			Homogenized Sediment
Moisture Content	ASTM D2216		
ASTM Moisture Content		%	72.69
Percent Solids		%	57.91
Bulk Unit Weight	ASTM D7263	pcf	98.7
Atterburg Limits	ASTM D4318 Method B		
Liquid Limit			70
Plastic Limit			37
Plasticity Index			33
Particle Size Distribution	ASTM D422		
Gravel		%	0.0
Sand		%	23.9
Silt		%	64.3
Clay		%	11.8
Sample Description	ASTM D2487		Dark brown elastic silt with sand
Sample Classification	ASTM D2487		MH

Notes:

% = Percent

pcf = pounds per cubic foot

Sample descriptions based on the Unified Classification System.

Sample color determined by the Munsell Soil Color Charts.

**AMEC FW
STRATFORD DEWATERING
KEMRON PROJECT NO. SH0664**

TABLE 2

Summary of Mechanical Dewatering Evaluations

Sample Identification	Feed Volume (mL)	Feed Solids (%)	Polymer Addition⁽¹⁾ (lb/dry-ton)	Effluent Collected (mL)	Final Moisture Content (%) ASTM D2216	Final Percent Solids (%)	Paint Filter Test (Pass/Fail) EPA 9095
DEW-SED-PT-BeltPress	1000	6.06	2.3	974	88.97	52.92	Pass
DEW-SED-PT-Centrifuge	1000	6.06	2.3	930	135.87	42.40	Pass
DEW-SED-PT-FilterPress (100psi)	400	6.06	2.3	370	133.16	42.94	Pass

Notes:

Belt Press testing conducted using Red Twill belt press material from National Filter Media

Filter Press testing conducted using Micronics Polypropylene Mono/Multi Satin 3.3-4.4 CFM Filter Cloth Style 8944

Centrifuge testing was performed at 1,500 revolutions per minute for a period of 10 minutes

All testing conducted on screened material <#200 Sieve

(1) = Selection and dosage of polymer "Solve 137" determined by WaterSolve

PT = Polymer Treated

% = percent

mL=milliliters

lb = pounds

**AMEC FW
STRATFORD DEWATERING
KEMRON PROJECT NO. SH0664**

**TABLE 3
Summary of Geotextile Fabric Testing**

Sample Identification	Feed Soilds (%)	Polymer Addition (lb/dry-ton)	Cake Evaluations	
			ASTM D2216	Paint Filter Test (Pass/Fail)
			Cake Percent Solids (%)	
DEW-SED-PT-RDT	6.06	2.3	32.21	Fail
DEW-SED-PT-GDT*	6.06	2.3	49.17	Pass

Notes:

% = percent

AMEC FW
STRATFORD DEWATERING STUDY
KEMRON PROJECT NO. SH0664

TABLE 4
Summary of Gravity Drainage Testing

Sample Identification	Gravity Drainage Treatment Time (Hrs/Days)	Initial Soil Mass (g)	Final Soil Mass (g)	Effluent Collected (mL)	Initial Percent Solids (%)	Cake Evaluations					Unconfined Compressive Strength ASTM D2166			
						ASTM D2216	ASTM D7263	Cake Pocket Penetrometer (TSF)	Cake Shear Strength (Kg/cm ²)	Paint Filter Test (Pass/Fail)	Moisture Content (%)	Bulk Density (lb/ft ³)	Dry Density (lb/ft ³)	UCS (lb/in ²)
						Final Percent Solids (%)	Final Density (lb/ft ³)							
DEW-SED-GravityDrain	72 Hr / 3 Day	1134.5	1052.0	80.69	50.36	56.32	92.9	0.0	0.10	Fail				F
DEW-SED-GravityDrain	120 Hr / 5.0 Day	1134.5	1034.0	98.69	50.36	56.52								

Notes:

Gravity Drain Testing conducted for 120 hours (5 days)

DEW-SED-Gravity Drain- raw, unscreened sediment with no polymer treatment and 15% water addition by bulk weight

mL= milliliters

g = grams

TSF=tons per square foot

% = percent

Kg/cm²=kilograms per square centimeter

lbs/ft³=pounds per cubic foot

lb/in² = pounds per square inch

Shear Strength measured using a laboratory vane shear apparatus

**AMEC FW
STRATFORD DEWATERING
KEMRON PROJECT NO. SH0664**

TABLE 5

Additional Mechanical Dewatering Evaluations

Sample Identification	Feed Volume (mL)	Feed Solids (%)	Polymer Addition⁽¹⁾ (lb/dry-ton)	Effluent Collected (mL)	Final Moisture Content (%) ASTM D2216	Final Percent Solids (%)	Paint Filter Test (Pass/Fail) EPA 9095
DEW-SED-FilterPress (100psi)	400	6.06	N/A	395	51.02	66.22	N/A
DEW-SED-PT-FilterPress (125psi)	400	6.06	2.3	390	102.66	49.39	N/A
DEW-SED-FilterPress (125psi)	400	6.06	N/A	395	51.30	66.10	N/A
DEW-SED-PT-BeltPress	1000	6.06	2.3	974	88.97	52.92	Pass
DEW-SED-PT-Centrifuge	1000	6.06	2.3	930	135.87	42.40	Pass
DEW-SED-PT-FilterPress (100psi)	400	6.06	2.3	370	133.16	42.94	Pass

Notes:

Belt Press testing conducted using Red Twill belt press material from National Filter Media

Filter Press testing conducted using Micronics Polypropylene Mono/Multi Satin 3.3-4.4 CFM Filter Cloth Style 8944

Centrifuge testing was performed at 1,500 revolutions per minute for a period of 10 minutes

All testing conducted on screened material <#200 Sieve

(1) = Selection and dosage of polymer "Solve 137" determined by WaterSolve

PT = Polymer Treated

% = percent

mL=milliliters

lb = pounds

**AMEC FW
STRATFORD DEWATERING STUDY
KEMRON Project No. SH0664**

**TABLE 6
Summary of Solidification Evaluations**

KEMRON Sample Number	Untreated Material Type	Reagent Type	Reagent Addition % by Wet Soil wt.	Cure Day	Pocket Penetrometer (TSF)	Pocket Torvane kg/cm ²	UCS ASTM D1633 (psi)	ASTM D7263 Bulk Unit Weight (lb/ft ³)	Moisture Content ASTM D2216	
									Moisture Content (%)	Percent Solids (%)
0664-001	DEW-SED-PT-Belt Press	Type I Portland Cement	3.0	1	0.0	0.5				
				3	0.0	0.5				
				5	0.25	2.8				
				8			5.4	90.4	90.60	52.47
0664-002	DEW-SED-PT-Belt Press	Type I Portland Cement	6.0	1	2.0	2.5				
				3	>4.5	6.25				
				5	>4.5	5.5*				
				8			72.0	89.7	85.65	53.87
0664-003	DEW-SED-PT-Belt Press	Type I Portland Cement	8.0	1	2.0	2.5				
				3	4.0	4.5				
				5	>4.5	4.5				
				8			48.1	90.6	80.49	55.41
0664-004	DEW-SED-PT-Belt Press	Mintek Calciment	3.0	1	0.0	0.0				
				3	0.0	0.0				
				5	0.25	1.0				
				8			F	91.5	91.11	52.33
0664-005	DEW-SED-PT-Belt Press	Mintek Calciment	6.0	1	0.0	1.0				
				3	0.0	1.0				
				5	0.25	2.5				
				8			10.0	92.6	81.31	55.15
0664-006	DEW-SED-PT-Belt Press	Mintek Calciment	8.0	1	0.0	1.0				
				3	0.0	1.0				
				5	0.25	2.5				
				8			9.8	93.9	82.76	54.72
0664-007	DEW-SED-Gravity Drain	Type I Portland Cement	2.0	1	0.0	1.0				
				3	0.25	1.5				
				5	0.5	2.0				
				8			3.2	91.6	77.58	56.31
0664-008	DEW-SED-Gravity Drain	Type I Portland Cement	4.0	1	1.5	3.5				
				3	4.0	3.5				
				5	>4.5	3.5				
				8			35.8	94.8	77.54	56.32
0664-009	DEW-SED-Gravity Drain	Type I Portland Cement	5.0	1	1.5	3.0				
				3	3.75	4.0				
				5	>4.5	1.5*				
				8			57.2	95.4	72.06	58.12
0664-010	DEW-SED-Gravity Drain	Mintek Calciment	2.0	1	0.0	0.0				
				3	0.0	0.0				
				5	0.0	0.0				
				8			F	93.4	81.33	55.15
0664-011	DEW-SED-Gravity Drain	Mintek Calciment	4.0	1	0.0	0.0				
				3	0.0	0.0				
				5	0.5	2.0				
				8			9.1	97.4	73.12	57.76
0664-012	DEW-SED-Gravity Drain	Mintek Calciment	5.0	1	0.0	0.5				
				3	0.0	0.0				
				5	0.5	1.8				
				8			11.0	96.2	76.66	56.60

Notes:

% = Percent

Wt= Weight

s.u. = standard units

lb/ft³ = pounds per cubic foot

Grey Shading, Testing not requested

Belt Press feed material is a 6% solids slurry, polymer treated. Dewatered sediment % solids of 49.14%

TSF= Tons per square foot

* pocket torvane could not penetrate the material sufficiently for an accurate test

psi= pounds per square inch

F= Fails under its own weight

Appendix A:
Chain of Custody Record



EnviroSystems, Inc.
1 Lafayette Road
P.O. Box 778
Hampton, N.H. 03843

Voice: 603-926-3345
FAX: 603-926-3521

ESI Job No:

CHAIN OF CUSTODY DOCUMENTATION

Client: _____ Contact: Tony Delano Project Number: _____ Page 1 of 1

Report to: Tony Delano Project Manager: _____

Invoice to: Tony Delano Address: Chelmsford, MA 01824 Project Manager: Tony Delano

Voice: 978-392-5319 Fax: _____ Quote No: _____

Protocol:	RCRA	SDWA	NPDES	USCOE	Other							
Lab Number (assigned by lab)	Your Field ID: (must agree with container)	Date Sampled	Time Sampled	Sampled By	Grab or composit (G/C)	Container Size (ml.)	Container Type (P/G/T)	Field Preservation	Matrix S=Solid W=Water	Filter N=Not needed F=Done in field L=Lab to do	Analyses Requested/ Special Instructions:	
		<u>11/21/17</u>	<u>1035</u>		<u>G</u>			<u>M/P</u>	<u>S</u>	<u>N/A</u>		
	<u>SW-DF-BFF-0001</u>	<u>11/21/17</u>		<u>JDM</u>	<u>G</u>							<u>Metals/Hg</u>
	<u>SW-DF-BFF-0002</u>					<u>1000/1000</u>	<u>G/P</u>					<u>PCB/PAHs</u>
	<u>SW-DF-GTT-0001</u>				<u>G</u>					<u>N</u>		<u>Metals/Hg</u>
		<u>11/21/17</u>		<u>JDM</u>	<u>G</u>				<u>W</u>			<u>PCR homobas</u>

Relinquished By: [Signature] Date: _____ Time: _____

Received By: _____ Date: _____ Time: _____

Received at Lab By: _____ Date: _____ Time: _____

Comments: _____

Appendix B:
Untreated Physical Properties Data
Sheets

MOISTURE CONTENT DETERMINATION

REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: Homogenized Sediment
TESTING DATE: 10/11/17
TESTED BY: CKB
TRACKING CODE: B695_MC

MOISTURE CONTENT (Dry & Wet Basis)			
1. MOISTURE TIN NO.	A	B	C
2. WT MOISTURE TIN (tare weight)	1.0608 g	1.0500 g	1.0475 g
3. WT WET SOIL + TARE	40.1177 g	49.6370 g	45.8871 g
4. WT DRY SOIL + TARE	23.5740 g	29.3079 g	27.0180 g
5. WT WATER, W _w	16.5437 g	20.3291 g	18.8691 g
6. WT DRY SOIL, W _s	22.5132 g	28.2579 g	25.9705 g
7. ASTM MOISTURE CONTENT	73.48 %	71.94 %	72.66 %
8. PERCENT SOLIDS	57.64 %	58.16 %	57.92 %
9. AVERAGE ASTM MOISTURE CONTENT	72.69 %		
10. AVERAGE PERCENT SOLIDS	57.91 %		

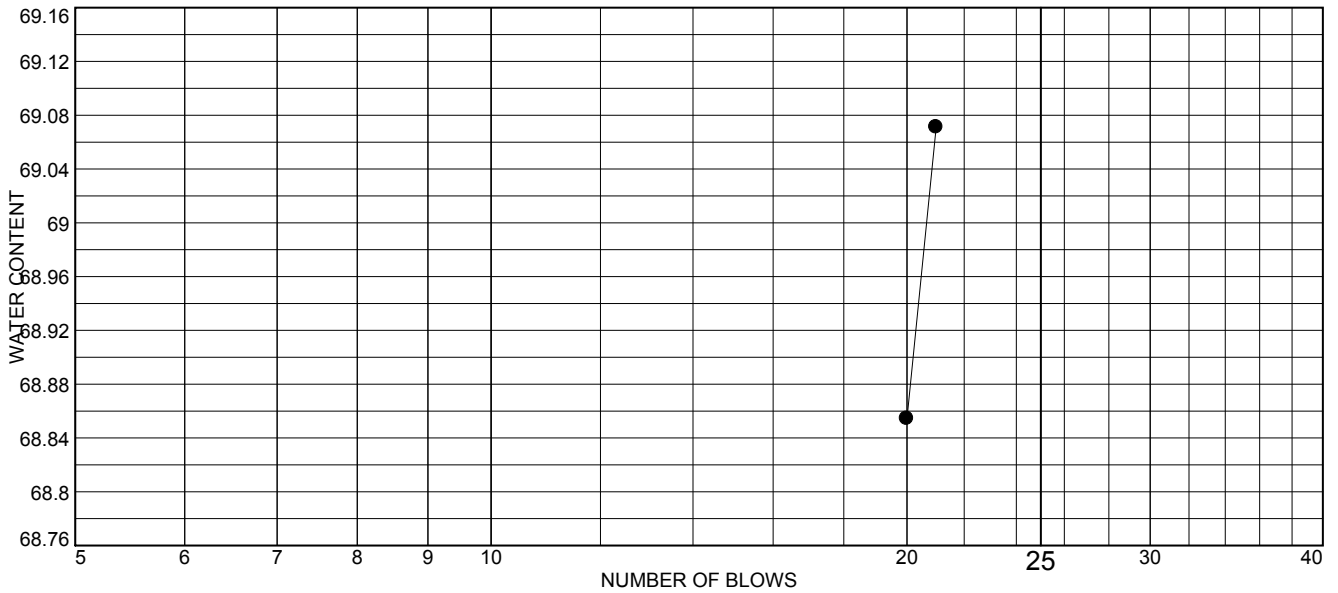
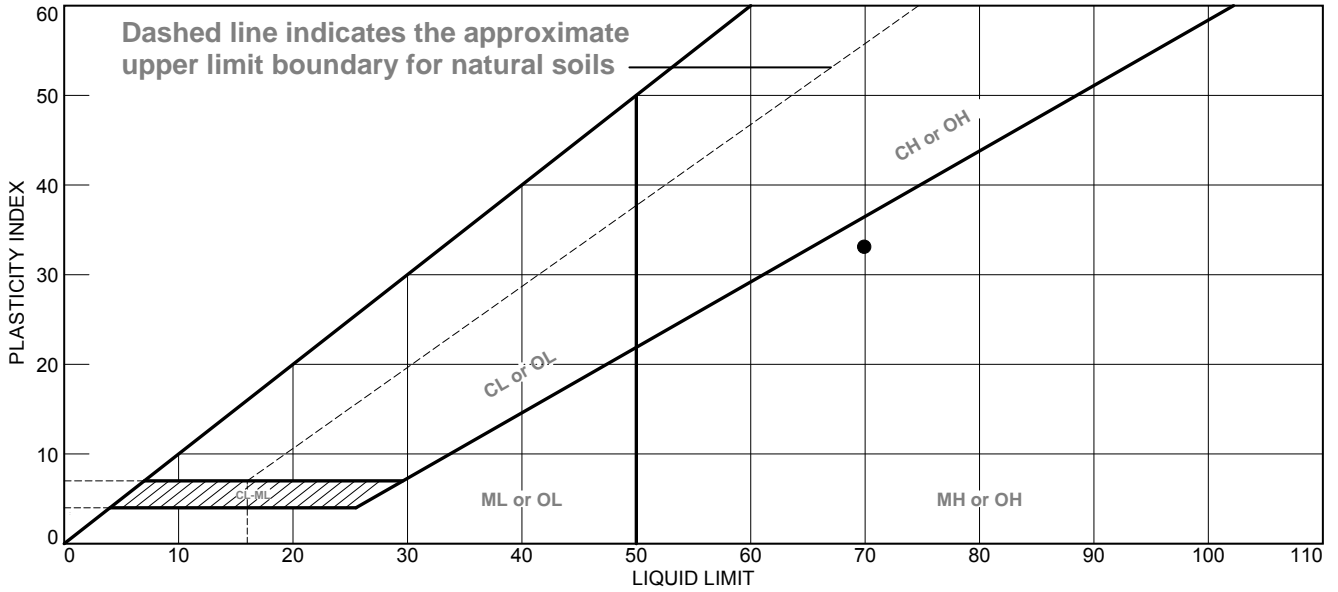
UNIT WEIGHT DETERMINATION

DATA SHEET
ASTM D7263

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: Homogenized Sediment
TESTING DATE: 10/11/17
TESTED BY: CKB
TRACKING CODE: B695_UW

UNIT WEIGHT (DENSITY)			
1. SAMPLE NO.	A	B	C
2. WT OF MOLD (tare weight)	18.13 g	18.13 g	18.13 g
3. WT OF MOLD + SOIL	348.07 g	339.40 g	343.63 g
4. WT OF WET SOIL, W	329.94 g	321.27 g	325.50 g
5. DIAMETER OF SPECIMEN, D	2.00 in	2.00 in	2.00 in
6. HEIGHT OF SPECIMEN, H	4.00 in	4.00 in	4.00 in
7. VOLUME OF SPECIMEN	12.57 in ³	12.57 in ³	12.57 in ³
8. BULK UNIT WEIGHT	100.0 pcf	97.4 pcf	98.7 pcf
9. BULK SPECIFIC GRAVITY	1.6	1.6	1.6
10. AVERAGE BULK UNIT WEIGHT	98.7 pcf		
11. AVERAGE BULK SPECIFIC GRAVITY	1.6		

LIQUID AND PLASTIC LIMITS TEST REPORT

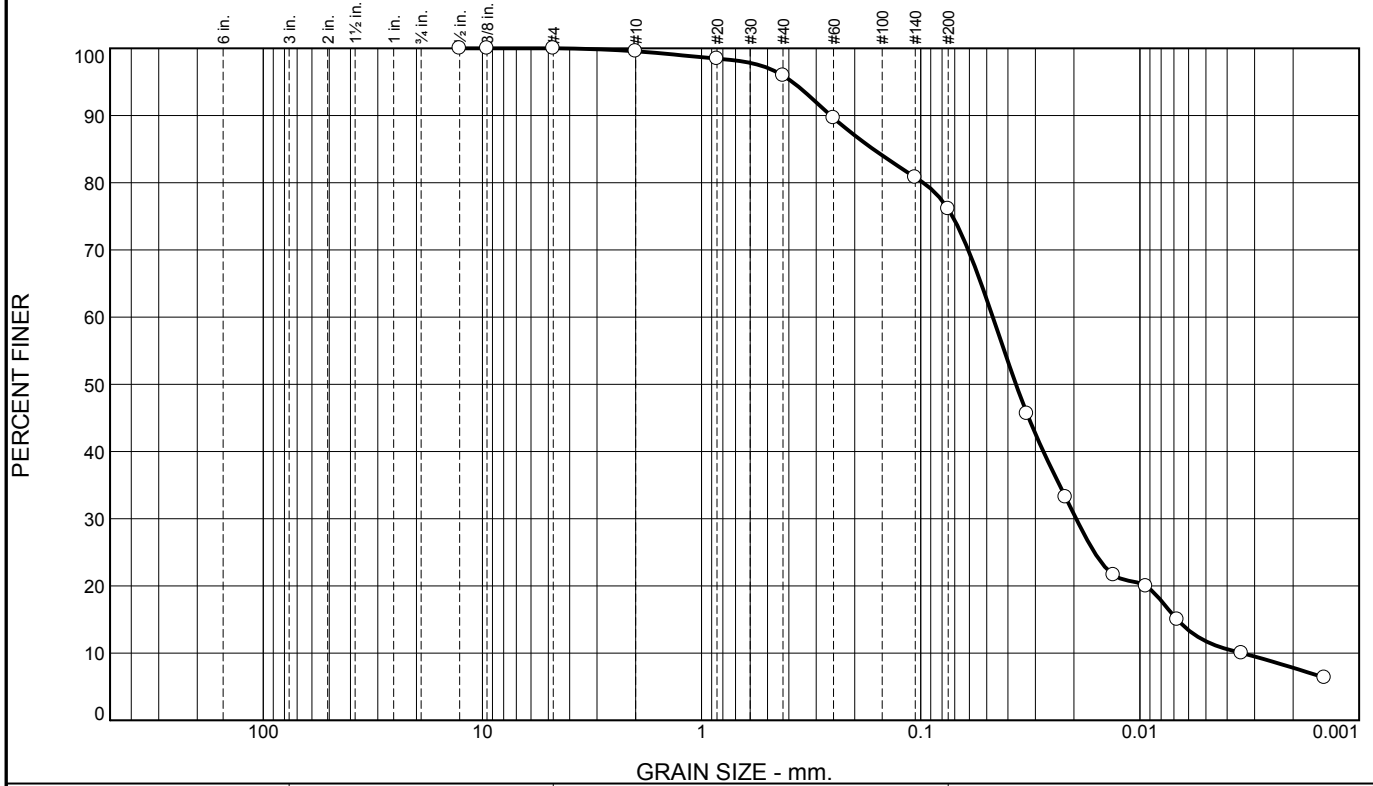


MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
● Dark brown elastic silt with sand	70	37	33	95.9	76.1	MH

<p>Project No. SH0664 Client: AMEC Foster Wheeler</p> <p>Project: Stratford Dewatering</p> <p>Sample Number: Homogenized Sediment</p> <p style="text-align: center;">KEMRON Environmental Services Inc.</p> <p style="text-align: center;">Atlanta, Georgia</p>	<p>Remarks:</p> <p style="text-align: right;">Figure B695_AT</p>
--	--

Tested By: JDM **Checked By:** TAJ

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.4	3.7	19.8	64.3	11.8

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
0.5	100.0		
0.375	100.0		
#4	100.0		
#10	99.6		
#20	98.5		
#40	95.9		
#60	89.6		
#140	80.8		
#200	76.1		
0.0328 mm.	45.6		
0.0219 mm.	33.2		
0.0132 mm.	21.6		
0.0094 mm.	20.0		
0.0068 mm.	15.0		
0.0034 mm.	10.0		
0.0014 mm.	6.3		

* (no specification provided)

Soil Description

Dark brown elastic silt with sand

Atterberg Limits

PL= 37 LL= 70 PI= 33

Coefficients

D₉₀= 0.2575 D₈₅= 0.1649 D₆₀= 0.0469
D₅₀= 0.0368 D₃₀= 0.0195 D₁₅= 0.0068
D₁₀= 0.0034 C_u= 13.70 C_c= 2.38

Classification

USCS= MH AASHTO= A-7-5(28)

Remarks

Sample Number: Homogenized Sediment

Date: 10/11/2017

KEMRON Environmental Services Inc. Atlanta, Georgia	Client: AMEC Foster Wheeler Project: Stratford Dewatering Project No: SH0664
Figure B695_GR	

Tested By: JDM

Checked By: TAJ

Appendix C:
WaterSolve Polymer Evaluations
Report

DEWATERING PERFORMANCE TRIAL
KEMRON ENVIRONMENTAL SERVICES, INC
STRATFORD DEWATERING

For:
James Moyer
KEMRON ENVIRONMENTAL SERVICES, INC
1349-A Ellsworth Industrial Blvd.
Atlanta, GA 30318

By:
WaterSolve, LLC
5031 68th St., SE
Caledonia, MI 49316
www.gowatersolve.com
616-575-8693



October 24, 2017

1. Scope of Work

WaterSolve, LLC was tasked to perform a Geotube® dewatering performance trial and cone tests on a sample labelled “HOMOGENIZED SEDIMENT”. The objectives of these dewatering trials were to identify chemical conditioning program(s), identify polymer flocculent(s), and dosing rate(s) for a potential Geotube® dewatering application. The objectives of subsequent cone tests were to measure total solids (TS) of the flocculated, contained, and dewatered residual after passage through the GT500D Geotube® fabric.

2. Materials & Methods

A gallon sample collected from the Stratford dewatering project was received at WaterSolve’s Laboratory (Caledonia, MI) on October 23, 2017. Samples of residual were homogenized and 150-mL samples were placed in graduated, glass jars.

Several polymers (emulsions) were “made-down” at a 0.5% concentration for this dewatering trial. Polymer (33 to 200-ppm) was added to a sample with a 10-mL plastic syringe and moderately tumbled five to seven times. Observations of water release rate, water clarity, and flocculent appearance were recorded on appropriate data sheets (Appendix A). Polymer(s) that flocculated and dewatered these residuals most effectively were re-evaluated with lower doses in order to isolate the most efficient dewatering and flocculating polymer(s). A Hach DR 2800 was used to measure TSS (Total Suspended Solids) after the samples were poured through the Geotube® GT500D fabric with a measurable limit of up to 750-mg/L suspended solids.

Percent total solids (dry weight) of the initial residual sample and dewatered cake sample (captured on GT500D Geotube® fabric) were measured.

3. Results

Chemical conditioning with 137 was determined to flocculate and dewater the residual most effectively compared to the other products (Appendix A). Water release volume and flocculent appearance were excellent when a 2-mL dose of Solve 137 (67-ppm, 2.3-lbs/dry ton) was added to a 150-mL sample.

The provided sample was 5.8-percent dry weight solids. When a 1,000-mL sample was conditioned with Solve 137 and passed through the Geotube® GT500D fabric, percent solids increased to 35.2-percent after sixty minutes of drying time (Appendix C). From this 1,000-mL conditioned sample, 750-mL and 900-mL of water was released in minute and sixty minutes, respectively, after passage though the fabric. The TSS of the filtrate was 7-mg/L.


4. Recommendations

We recommend a product application of Solve 137 (2.3-lbs/dry ton dose) for dewatering the "HOMOGENIZED SEDIMENT" sample in a Geotube® application in order to pass a paint filter test for subsequent disposal. Solve 137 is required to be made-down at 0.5-percent with a polymer make-down unit or aged in batch/feed tanks prior to injection into the residual line. Moderate to high mixing energy is required between the polymer introduction points and the Geotube® containers (e.g., three to five bends in the discharge line and/or inline static mixers). We would anticipate an increase in the Solve 137 dosage, possibly up to 5% more, if mechanical (belt filter press or centrifuge) technologies are used for dewatering.

Expected time to being able pass a Paint Filter Test is unpredictable in a Geotube® container from these bench-scale experiments. An onsite or laboratory hanging bag or Geotube® dewatering trial (GDT) may be used and is recommended if the timeline for achieving project goals of dry weight solids and if Geotube® filtrate characteristics are in question for this application. Additional dewatering evaluations over time are recommended if project objectives for consolidation are greater than passing a Paint Filter Test.

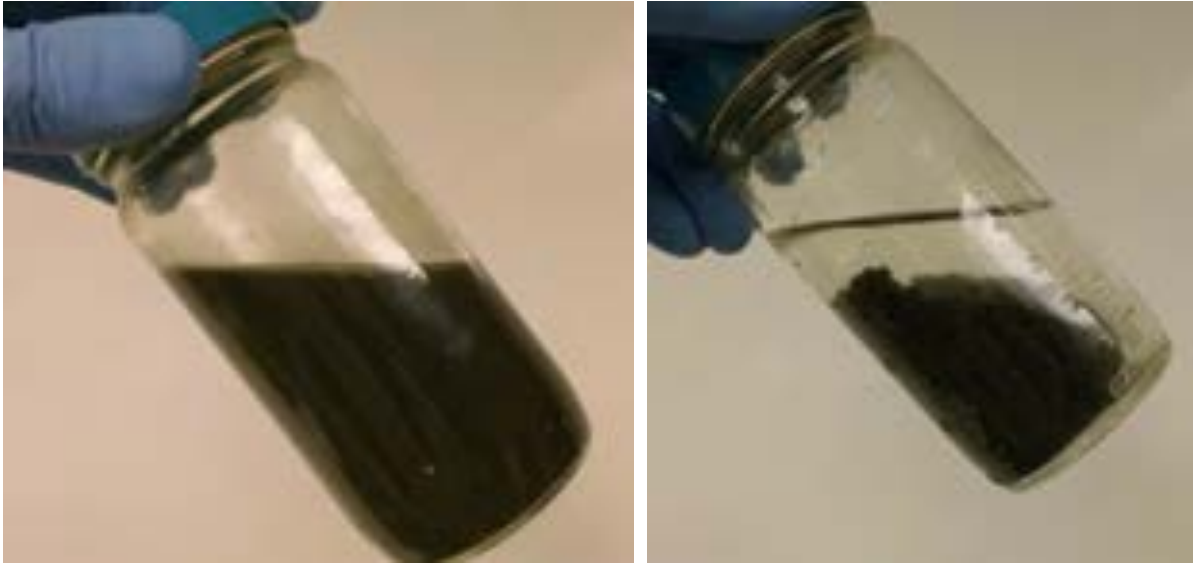
Due to potential variability of the material, daily on-site testing and chemical conditioning verification are recommended during pumping operations.

WaterSolve LLC does not make any implied warranty of any kind. Customer is solely responsible for determining the means and methods of the Product(s) use and whether or not Product(s) is suitable or desirable for Customer's intended uses. Customer agrees not to make any claim against Watersolve LLC based upon, or arising out of or relating to any advice or any technical information given to the Customer by Watersolve LLC for information purposes only and shall indemnify and hold Watersolve LLC harmless from any and all claims asserted by any third party arising out of or related to the Customer's use of Watersolve LLC's Product(s). Any technical information if given by Watersolve LLC to the Customer is without any consideration and use of such information by Customer be at consumer's own risk and shall not relieve the Customer from ultimate liability to ensure Product(s) are used properly per Project and Product(s) specifications.

 WaterSolve, LLC <i>Clearly thinking about your water treatment</i>		Page ____ of ____					
DEWATERING PERFORMANCE TRIAL							
Date: 10/24/17 Analyst: <i>Don W</i>				Customer: <i>KERRAN STRATFORD PROJECT</i> Location: Equipment in Service:			
1=Best	#=Worst						
Jar Number	Polymer Name	Polymer Dosage (mL)	Sample Size (mL)	Water Ret. Rate (1-8)	Water Clarity (1-8)	Floc Appearance (1-8)	Comments
Polymer make-down concentration = <i>0.5</i> % Dilution of test sample = <i>1</i>							
1							
2	<i>9248</i>	<i>2ml</i>	<i>150ml</i>	<i>4</i>	<i>1-2</i>	<i>3-4</i>	
3	<i>9248</i>	<i>4ml</i>	<i>150ml</i>	<i>2</i>	<i>1-2</i>	<i>2</i>	
4	<i>9248</i>	<i>6ml</i>	<i>150ml</i>	<i>1-2</i>	<i>1-2</i>	<i>1-2</i>	<i>+ Good floc, but settling off</i>
5	<i>9248</i>	<i>8ml</i>	<i>150ml</i>	<i>1-2</i>	<i>1-2</i>	<i>1-2</i>	<i>+ not sufficient</i>
6	<i>9248</i>	<i>1ml</i>	<i>150ml</i>	<i>1-2</i>	<i>3</i>	<i>1-2</i>	<i>+ good floc, need larger size of water</i>
7	<i>9248</i>	<i>2ml</i>	<i>150ml</i>	<i>2</i>	<i>3</i>	<i>2</i>	<i>truss</i>
8	<i>930/930</i>	<i>1ml/1ml</i>	<i>150ml</i>	<i>2</i>	<i>1-2</i>	<i>2</i>	
9							
10	<i>137</i>	<i>2ml</i>	<i>150ml</i>	<i>1-2</i>	<i>1-2</i>	<i>1-2</i>	<i>+ lighter floc than deal with water</i>
11							
12	<i>129</i>	<i>2ml</i>	<i>150ml</i>	<i>2-3</i>	<i>1-2</i>	<i>2-3</i>	
13	<i>137</i>	<i>2ml</i>	<i>150ml</i>	<i>1-2</i>	<i>1-2</i>	<i>1-2</i>	<i>+ some 137 best floc</i>
14	<i>2180</i>	<i>2ml</i>	<i>150ml</i>	<i>4</i>	<i>1-2</i>	<i>4</i>	
15	<i>2180</i>	<i>2ml</i>	<i>150ml</i>	<i>2</i>	<i>1-2</i>	<i>2</i>	<i>+ 2180 2nd best</i>
16	<i>2180</i>	<i>2ml</i>	<i>150ml</i>	<i>4</i>	<i>1-2</i>	<i>4</i>	
17	<i>2180</i>	<i>2ml</i>	<i>150ml</i>	<i>2</i>	<i>1-2</i>	<i>2-3</i>	
18	<i>137</i>	<i>1ml</i>	<i>150ml</i>	<i>3-4</i>	<i>1-2</i>	<i>4</i>	
19	<i>137</i>	<i>1ml</i>	<i>150ml</i>	<i>1-2</i>	<i>1-2</i>	<i>1-2</i>	<i>+ somewhat like 67 floc</i>
20	<i>137</i>	<i>2ml</i>	<i>150ml</i>	<i>1-2</i>	<i>1-2</i>	<i>1-2</i>	
21							
22							
23							
24							
25							
26							
27							
28							

Cone Test / RDT: *137* mL sample conditioned with *137* mL of *137* poured thru *GT5000* Geotube® filter.
 Filtrate Quality: TSS- *7.0* mg/L Turbidity- NTU Filtrate collected @ 1min *250*ml @ 60min *200*ml

Appendix B – Photographs



One hundred fifty milliliter sample prior to conditioning (Left). One hundred fifty milliliter sample conditioned with Solve 137 (Right).



A one thousand milliliter sample conditioned with Solve 137 was poured through the GT500D Geotube® fabric. The captured cake (Left) and filtrate (Right) are shown above.

Appendix C – Percent Solids

Total Solids Determination - Percent Dry Weight

Customer Name/Application KEMPON / STAFFORD PROJECT

Date 10/31/17 Technician DAW Oven Temperature 100°C

Sample ID HEAVY METALS SAMPLE Dish Number 3 Dilution 1

Dish (dry) = 50.846 g Dish, Sample (wet) = 148.657 g Dish, Sample (dry) = 56.552 g

Dish, sample (wet) - Dish (dry) = 97.761 (A) Dish, sample (dry) - Dish (dry) = 5.706 (B)

Total Solids $B + A \times 100 =$ 5.8 % Dry Weight Solids

Sample ID COARSE TEST CAYLE Dish Number _____ Dilution _____

Dish (dry) = _____ g Dish, Sample (wet) = _____ g Dish, Sample (dry) = _____ g

Dish, sample (wet) - Dish (dry) = _____ (A) Dish, sample (dry) - Dish (dry) = _____ (B)

MANUFACTURE Total Solids $B + A \times 100 =$ 35.2 % Dry Weight Solids

Sample ID _____ Dish Number _____ Dilution _____

Dish (dry) = _____ g Dish, Sample (wet) = _____ g Dish, Sample (dry) = _____ g

Dish, sample (wet) - Dish (dry) = _____ (A) Dish, sample (dry) - Dish (dry) = _____ (B)

Total Solids $B + A \times 100 =$ _____ % Dry Weight Solids

Sample ID _____ Dish Number _____ Dilution _____

Dish (dry) = _____ g Dish, Sample (wet) = _____ g Dish, Sample (dry) = _____ g

Dish, sample (wet) - Dish (dry) = _____ (A) Dish, sample (dry) - Dish (dry) = _____ (B)

Total Solids $B + A \times 100 =$ _____ % Dry Weight Solids

Sample ID _____ Dish Number _____ Dilution _____

Dish (dry) = _____ g Dish, Sample (wet) = _____ g Dish, Sample (dry) = _____ g

Dish, sample (wet) - Dish (dry) = _____ (A) Dish, sample (dry) - Dish (dry) = _____ (B)

Total Solids $B + A \times 100 =$ _____ % Dry Weight Solids

Appendix D:
Mechanical Dewatering Evaluations
Testing Data Sheets

GRAVITY DRAINAGE AND PRESSURE TEST DATA SHEET

(Crown Press)

PROJECT: Stratford Dewatering
 PROJECT NO.: SH0664
 SAMPLE NO.: DEW-SED-BeltPress
 TESTING DATE: 11/6/2017
 TESTED BY: JDM
 TRACKING CODE: B732_CrownPress

Initial Volume			Gravity Drainage		Pressure Expression		Cake Diameter			
Feed (ml)	Polymer (ml)	Total (ml)	Final Time (min)	Final Gravity Filtrate (ml)	Tension (lbs)	Effluent Collected (ml)	Axis 1 (in)	Axis 2 (in)	Axis 3 (in)	Axis 4 (in)
1000	13.3	1013.3	20	920	103.00	49	5.3035	5.3000	4.8065	5.3260
					163.5	52				
					207.5	54				

Measure Cake Solids	Initial Cake Diameter (in)	Final Cake Diameter (in)	Migration Factor
52.92	3.9365	5.1840	1.2475

MOISTURE CONTENT DETERMINATION

REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: DEW-SED-BeltPress
TESTING DATE: 11/06/17
TESTED BY: JDM
TRACKING CODE: B732_MC

MOISTURE CONTENT (Dry & Wet Basis)			
1. MOISTURE TIN NO.	A	B	C
2. WT MOISTURE TIN (tare weight)	1.0619 g	1.0460 g	1.0054 g
3. WT WET SOIL + TARE	18.4986 g	17.7747 g	14.5471 g
4. WT DRY SOIL + TARE	10.2892 g	9.9539 g	8.1267 g
5. WT WATER, W _w	8.2094 g	7.8208 g	6.4204 g
6. WT DRY SOIL, W _s	9.2273 g	8.9079 g	7.1213 g
7. ASTM MOISTURE CONTENT	88.97 %	87.80 %	90.16 %
8. PERCENT SOLIDS	52.92 %	53.25 %	52.59 %
9. AVERAGE ASTM MOISTURE CONTENT	88.97 %		
10. AVERAGE PERCENT SOLIDS	52.92 %		

PAINT FILTER TEST

SUMMARY OF RESULTS

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: DEW-SED-BeltPress
TESTING METHOD: EPA 9095

TESTING DATE: 11/6/2017
TESTED BY: JDM
TRACKING CODE: B732_PaintFilter

TESTING PARAMETER AND RESULTS	
QUANTITY OF MATERIAL	100.57 g
LENGTH OF TEST	5.0 min.
QUANTITY OF LIQUID	0.00 g
RESULTS (PASS / FAIL) *	Pass

* In accordance with EPA Method 9095, if any liquid from the test material collects after 5 minutes of testing, the material is deemed to contain free liquids, and therefore has failed the paint filter test.

CENTRIFUGATION TESTING

REPORT FORM

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664
 SAMPLE No.: DEW-SED-Centrifuge
 MATERIAL TYPE: Homogenized Sediment Slurry
 TESTING DATE: 11/8/2017
 TESTED BY: JDM
 TRACKING CODE: B734_Centrifuge

TESTING CONDITIONS	
1. CONDITIONER	13.3 mL Solve 137
2. RUN TIME (min)	10
3. INITIAL MATERIAL VOLUME (mL)	1000
4. CENTRIFUGE SPEED (rpm)	1500
5. SUPERNATANT VOLUME (mL)	930
6. CAKE WEIGHT (g)	82.85

FEED PERCENT SOLIDS			
1. SAMPLE No.	A		
2. TARE, WT	49.10	g	
3. TOTAL SAMPLE + TARE, WT	127.14	g	
4. DRY SOLIDS + TARE, WT	53.83	g	
5. PERCENT SOLIDS	6.06	%	

Notes:

2 Total runs completed to generate enough solids to perform requested testing.

MOISTURE CONTENT DETERMINATION

REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: DEW-SED-Centrifuge
TESTING DATE: 11/08/17
TESTED BY: JDM
TRACKING CODE: B734_MC

MOISTURE CONTENT (Dry & Wet Basis)			
1. MOISTURE TIN NO.	A	B	C
2. WT MOISTURE TIN (tare weight)	0.9517 g	0.9935 g	1.0271 g
3. WT WET SOIL + TARE	25.9742 g	19.2462 g	23.4334 g
4. WT DRY SOIL + TARE	11.4279 g	8.7407 g	10.6369 g
5. WT WATER, W _w	14.5463 g	10.5055 g	12.7965 g
6. WT DRY SOIL, W _s	10.4762 g	7.7472 g	9.6098 g
7. ASTM MOISTURE CONTENT	138.85 %	135.60 %	133.16 %
8. PERCENT SOLIDS	41.87 %	42.44 %	42.89 %
9. AVERAGE ASTM MOISTURE CONTENT	135.87 %		
10. AVERAGE PERCENT SOLIDS	42.40 %		

PAINT FILTER TEST

SUMMARY OF RESULTS

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: DEW-SED-Centrifuge
TESTING METHOD: EPA 9095

TESTING DATE: 11/8/2017
TESTED BY: JDM
TRACKING CODE: B734_PaintFilter

TESTING PARAMETER AND RESULTS	
QUANTITY OF MATERIAL	100.82 g
LENGTH OF TEST	5.0 min.
QUANTITY OF LIQUID	0.00 g
RESULTS (PASS / FAIL) *	Pass

* In accordance with EPA Method 9095, if any liquid from the test material collects after 5 minutes of testing, the material is deemed to contain free liquids, and therefore has failed the paint filter test.

FILTER PRESS TEST

REPORT FORM

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664
 SAMPLE No.: DEW-SED-PT-FilterPress (100psi)
 MATERIAL TYPE: Homogenized Sediment Slurry
 TESTING DATE: 11/6/2017
 TESTED BY: JDM
 TRACKING CODE: B733_FP

TESTING CONDITIONS	
1. CONDITIONER	5.3mL Solve 137
2. RUN TIME (min)	6 minutes
3. INITIAL MATERIAL VOLUME (mL)	400
4. GAGE PRESSURE (psi)	100
5. FILTRATE VOLUME (ml)	370
6. CAKE WEIGHT (g)	30.64
7. CAKE THICKNESS (in)	0.2010

FEED PERCENT SOLIDS			
1. SAMPLE No.	A		
2. TARE, WT	49.10	g	
3. TOTAL SAMPLE + TARE, WT	127.14	g	
4. DRY SOLIDS + TARE, WT	53.83	g	
5. PERCENT SOLIDS	6.06	%	

Notes:

4 test runs completed to generate enough solids to perform required testing. 1500mL total filtrate collected. 174g total solids collected

MOISTURE CONTENT DETERMINATION

REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: DEW-SED-PT-FilterPress
TESTING DATE: 11/06/17
TESTED BY: JDM
TRACKING CODE: B733_MC

MOISTURE CONTENT (Dry & Wet Basis)			
1. MOISTURE TIN NO.	A	B	C
2. WT MOISTURE TIN (tare weight)	1.0737 g	1.0627 g	1.0539 g
3. WT WET SOIL + TARE	14.3103 g	16.0769 g	12.3058 g
4. WT DRY SOIL + TARE	6.8695 g	7.1974 g	6.0246 g
5. WT WATER, W _w	7.4408 g	8.8795 g	6.2812 g
6. WT DRY SOIL, W _s	5.7958 g	6.1347 g	4.9707 g
7. ASTM MOISTURE CONTENT	128.38 %	144.74 %	126.36 %
8. PERCENT SOLIDS	43.79 %	40.86 %	44.18 %
9. AVERAGE ASTM MOISTURE CONTENT	133.16 %		
10. AVERAGE PERCENT SOLIDS	42.94 %		

PAINT FILTER TEST

SUMMARY OF RESULTS

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: DEW-SED-PT-FilterPress
TESTING METHOD: EPA 9095

TESTING DATE: 11/6/2017
TESTED BY: JDM
TRACKING CODE: B733_PaintFilter

TESTING PARAMETER AND RESULTS	
QUANTITY OF MATERIAL	100.97 g
LENGTH OF TEST	5.0 min.
QUANTITY OF LIQUID	0.00 g
RESULTS (PASS / FAIL) *	Pass

* In accordance with EPA Method 9095, if any liquid from the test material collects after 5 minutes of testing, the material is deemed to contain free liquids, and therefore has failed the paint filter test.

Appendix E:
Geotube Dewatering Evaluations

RAPID DEWATERING TEST (RDT) REPORT FORM

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664
 SAMPLE No.: DEW-SED-RDT
 MATERIAL TYPE: Homogenized Sediment Slurry
 TESTING DATE: 11/6/2017
 TESTED BY: JDM
 TRACKING CODE: B735_RDT

TESTING CONDITIONS	
1. CONDITIONER	26.6 mL Solve 137
2. RUN TIME (min)	60
3. INITIAL MATERIAL VOLUME (mL)	2,000
4. FILTRATE VOLUME @ 1 Minute (mL)	1,480
5. FILTRATE VOLUME @ 1 Hour (mL)	1,670

FEED PERCENT SOLIDS			
1. SAMPLE No.	A		
2. TARE, WT	49.10	g	
3. TOTAL SAMPLE + TARE, WT	127.14	g	
4. DRY SOLIDS + TARE, WT	53.83	g	
5. PERCENT SOLIDS	6.06	%	

MOISTURE CONTENT DETERMINATION

REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: DEW-SED-RDT
TESTING DATE: 11/06/17
TESTED BY: JDM
TRACKING CODE: B735_MC

MOISTURE CONTENT (Dry & Wet Basis)			
1. MOISTURE TIN NO.	A	B	C
2. WT MOISTURE TIN (tare weight)	1.0638 g	1.0953 g	1.0425 g
3. WT WET SOIL + TARE	26.1970 g	27.8081 g	26.0279 g
4. WT DRY SOIL + TARE	9.3046 g	9.6919 g	8.9510 g
5. WT WATER, W _w	16.8924 g	18.1162 g	17.0769 g
6. WT DRY SOIL, W _s	8.2408 g	8.5966 g	7.9085 g
7. ASTM MOISTURE CONTENT	204.98 %	210.74 %	215.93 %
8. PERCENT SOLIDS	32.79 %	32.18 %	31.65 %
9. AVERAGE ASTM MOISTURE CONTENT	210.55 %		
10. AVERAGE PERCENT SOLIDS	32.21 %		

PAINT FILTER TEST

SUMMARY OF RESULTS

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: DEW-SED-RDT
TESTING METHOD: EPA 9095

TESTING DATE: 11/6/2017
TESTED BY: CKB
TRACKING CODE: B735_PaintFilter

TESTING PARAMETER AND RESULTS	
QUANTITY OF MATERIAL	100.00 g
LENGTH OF TEST	5.0 min.
QUANTITY OF LIQUID	6.63 g
RESULTS (PASS / FAIL) *	Fail

* In accordance with EPA Method 9095, if any liquid from the test material collects after 5 minutes of testing, the material is deemed to contain free liquids, and therefore has failed the paint filter test.

MOISTURE CONTENT DETERMINATION

REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0654
SAMPLE No.: DEW-SED-GDT
TESTING DATE: 11/20/17
TESTED BY: JDM
TRACKING CODE: B810_MC

MOISTURE CONTENT (Dry & Wet Basis)			
1. MOISTURE TIN NO.	A	B	C
2. WT MOISTURE TIN (tare weight)	0.9855 g	0.9645 g	1.0157 g
3. WT WET SOIL + TARE	20.9628 g	21.5456 g	21.2474 g
4. WT DRY SOIL + TARE	10.6870 g	11.3526 g	10.8223 g
5. WT WATER, W _w	10.2758 g	10.1930 g	10.4251 g
6. WT DRY SOIL, W _s	9.7015 g	10.3881 g	9.8066 g
7. ASTM MOISTURE CONTENT	105.92 %	98.12 %	106.31 %
8. PERCENT SOLIDS	48.56 %	50.47 %	48.47 %
9. AVERAGE ASTM MOISTURE CONTENT	103.45 %		
10. AVERAGE PERCENT SOLIDS	49.17 %		

PAINT FILTER TEST

SUMMARY OF RESULTS

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: DEW-SED-GDT
TESTING METHOD: EPA 9095

TESTING DATE: 11/20/2017
TESTED BY: JDM
TRACKING CODE: B810_PaintFilter

TESTING PARAMETER AND RESULTS	
QUANTITY OF MATERIAL	100.99 g
LENGTH OF TEST	5.0 min.
QUANTITY OF LIQUID	0.00 g
RESULTS (PASS / FAIL) *	Pass

* In accordance with EPA Method 9095, if any liquid from the test material collects after 5 minutes of testing, the material is deemed to contain free liquids, and therefore has failed the paint filter test.

Appendix F:
Gravity Drainage Evaluations

GRAVITY DRAINAGE TESTING

DATA SHEET

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: DEW-SED-GravityDrain
MATERIAL TYPE: Sediment (+15% Water)
TESTING DATE: 11/28/2017
TESTED BY: JDM
TRACKING CODE: B793_GD

SET-UP INFORMATION	
GRAVITY DRAINAGE TESTING	
1. FUNNEL	140.20 g
2. FUNNEL + SOIL (INITIAL)	1274.70 g
3. FUNNEL + SOIL (FINAL)	1172.88 g
4. BEAKER	523.74 g
5. BEAKER + EFFLUENT	623.12 g
6. SOIL (INITIAL)	1134.50 g
7. SOIL (FINAL)	1032.68 g
8. EFFLUENT	99.38 g

MONITORING INFORMATION		
TIME (MIN)	EFFLUENT (g)	VISUAL OBSERVATIONS
1	0.00	
2	0.00	
5	0.00	Effluent beginning to collect
10	0.60	
15	2.50	
30	5.50	
60	7.20	Effluent clear in color
240	29.85	
1440	71.37	
2880	76.64	
4320	80.69	Effluent slightly yellow in color
5760	96.78	
7200	98.69	
8220	99.38	

MOISTURE CONTENT DETERMINATION

REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: DEW-SED-GravityDrain
TESTING DATE: 11/28/17
TESTED BY: JDM
TRACKING CODE: B793_MC(Pre)

MOISTURE CONTENT (Dry & Wet Basis)			
1. MOISTURE TIN NO.	A	B	C
2. WT MOISTURE TIN (tare weight)	0.9986 g	0.9775 g	1.0019 g
3. WT WET SOIL + TARE	22.5568 g	28.5557 g	25.9456 g
4. WT DRY SOIL + TARE	11.8955 g	14.6770 g	13.6855 g
5. WT WATER, W _w	10.6613 g	13.8787 g	12.2601 g
6. WT DRY SOIL, W _s	10.8969 g	13.6995 g	12.6836 g
7. ASTM MOISTURE CONTENT	97.84 %	101.31 %	96.66 %
8. PERCENT SOLIDS	50.55 %	49.68 %	50.85 %
9. AVERAGE ASTM MOISTURE CONTENT	98.60 %		
10. AVERAGE PERCENT SOLIDS	50.36 %		

MOISTURE CONTENT DETERMINATION

REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: DEW-SED-GravityDrain
TESTING DATE: 12/04/17
TESTED BY: JDM
TRACKING CODE: B793_MC(72 Hour)

MOISTURE CONTENT (Dry & Wet Basis)			
1. MOISTURE TIN NO.	A	B	C
2. WT MOISTURE TIN (tare weight)	1.0166 g	0.9913 g	0.9915 g
3. WT WET SOIL + TARE	28.2832 g	25.5579 g	33.2675 g
4. WT DRY SOIL + TARE	16.2938 g	14.4658 g	19.7337 g
5. WT WATER, W _w	11.9894 g	11.0921 g	13.5338 g
6. WT DRY SOIL, W _s	15.2772 g	13.4745 g	18.7422 g
7. ASTM MOISTURE CONTENT	78.48 %	82.32 %	72.21 %
8. PERCENT SOLIDS	56.03 %	54.85 %	58.07 %
9. AVERAGE ASTM MOISTURE CONTENT	77.67 %		
10. AVERAGE PERCENT SOLIDS	56.32 %		

MOISTURE CONTENT DETERMINATION

REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: DEW-SED-GravityDrain
TESTING DATE: 12/15/17
TESTED BY: JDM
TRACKING CODE: B793_MC(120 Hour)

MOISTURE CONTENT (Dry & Wet Basis)			
1. MOISTURE TIN NO.	A	B	C
2. WT MOISTURE TIN (tare weight)	1.0319 g	1.0051 g	1.0587 g
3. WT WET SOIL + TARE	35.2781 g	44.9434 g	54.8687 g
4. WT DRY SOIL + TARE	20.5734 g	25.7671 g	31.2654 g
5. WT WATER, W _w	14.7047 g	19.1763 g	23.6033 g
6. WT DRY SOIL, W _s	19.5415 g	24.7620 g	30.2067 g
7. ASTM MOISTURE CONTENT	75.25 %	77.44 %	78.14 %
8. PERCENT SOLIDS	57.06 %	56.36 %	56.14 %
9. AVERAGE ASTM MOISTURE CONTENT	76.94 %		
10. AVERAGE PERCENT SOLIDS	56.52 %		

Appendix G:
Additional Mechanical Dewatering
Testing Data Sheets

FILTER PRESS TEST

REPORT FORM

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664
 SAMPLE No.: DEW-SED-FilterPress(100psi)
 MATERIAL TYPE: Homogenized Sediment Slurry
 TESTING DATE: 1/12/2018
 TESTED BY: JDM
 TRACKING CODE: B874_FP

TESTING CONDITIONS	
1. CONDITIONER	None
2. RUN TIME (min)	24
3. INITIAL MATERIAL VOLUME (mL)	400
4. GAGE PRESSURE (psi)	100
5. FILTRATE VOLUME (ml)	395
6. CAKE WEIGHT (g)	31.84
7. CAKE THICKNESS (in)	0.1862

FEED PERCENT SOLIDS			
1. SAMPLE No.	A		
2. TARE, WT	49.10	g	
3. TOTAL SAMPLE + TARE, WT	127.14	g	
4. DRY SOLIDS + TARE, WT	53.83	g	
5. PERCENT SOLIDS	6.06	%	

MOISTURE CONTENT DETERMINATION

REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: DEW-SED-FilterPress (100psi)
TESTING DATE: 01/12/18
TESTED BY: JDM
TRACKING CODE: B874_MC

MOISTURE CONTENT (Dry & Wet Basis)			
1. MOISTURE TIN NO.	A	B	C
2. WT MOISTURE TIN (tare weight)	0.9948 g	1.0350 g	0.9937 g
3. WT WET SOIL + TARE	11.2750 g	10.3641 g	11.8399 g
4. WT DRY SOIL + TARE	7.7915 g	7.3037 g	8.0827 g
5. WT WATER, W _w	3.4835 g	3.0604 g	3.7572 g
6. WT DRY SOIL, W _s	6.7967 g	6.2687 g	7.0890 g
7. ASTM MOISTURE CONTENT	51.25 %	48.82 %	53.00 %
8. PERCENT SOLIDS	66.11 %	67.20 %	65.36 %
9. AVERAGE ASTM MOISTURE CONTENT	51.02 %		
10. AVERAGE PERCENT SOLIDS	66.22 %		

FILTER PRESS TEST

REPORT FORM

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664
 SAMPLE No.: DEW-SED-PT-FilterPress(125psi)
 MATERIAL TYPE: Homogenized Sediment Slurry
 TESTING DATE: 1/12/2018
 TESTED BY: JDM
 TRACKING CODE: B875_FP

TESTING CONDITIONS	
1. CONDITIONER	5.3 mL Solve 137
2. RUN TIME (min)	4
3. INITIAL MATERIAL VOLUME (mL)	400
4. GAGE PRESSURE (psi)	125
5. FILTRATE VOLUME (ml)	390
6. CAKE WEIGHT (g)	37.53
7. CAKE THICKNESS (in)	0.2510

FEED PERCENT SOLIDS			
1. SAMPLE No.	A		
2. TARE, WT	49.10	g	
3. TOTAL SAMPLE + TARE, WT	127.14	g	
4. DRY SOLIDS + TARE, WT	53.83	g	
5. PERCENT SOLIDS	6.06	%	

MOISTURE CONTENT DETERMINATION

REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: DEW-SED-PT-FilterPress (125psi)
TESTING DATE: 01/12/18
TESTED BY: JDM
TRACKING CODE: B875_MC

MOISTURE CONTENT (Dry & Wet Basis)			
1. MOISTURE TIN NO.	A	B	C
2. WT MOISTURE TIN (tare weight)	1.0414 g	1.0148 g	0.9925 g
3. WT WET SOIL + TARE	12.6948 g	15.1150 g	12.8690 g
4. WT DRY SOIL + TARE	7.0456 g	7.9011 g	6.6717 g
5. WT WATER, W _w	5.6492 g	7.2139 g	6.1973 g
6. WT DRY SOIL, W _s	6.0042 g	6.8863 g	5.6792 g
7. ASTM MOISTURE CONTENT	94.09 %	104.76 %	109.12 %
8. PERCENT SOLIDS	51.52 %	48.84 %	47.82 %
9. AVERAGE ASTM MOISTURE CONTENT	102.66 %		
10. AVERAGE PERCENT SOLIDS	49.39 %		

FILTER PRESS TEST

REPORT FORM

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664
 SAMPLE No.: DEW-SED-FilterPress(125psi)
 MATERIAL TYPE: Homogenized Sediment Slurry
 TESTING DATE: 1/12/2018
 TESTED BY: JDM
 TRACKING CODE: B876_FP

TESTING CONDITIONS	
1. CONDITIONER	None
2. RUN TIME (min)	25
3. INITIAL MATERIAL VOLUME (mL)	400
4. GAGE PRESSURE (psi)	125
5. FILTRATE VOLUME (ml)	395
6. CAKE WEIGHT (g)	28.11
7. CAKE THICKNESS (in)	0.1704

FEED PERCENT SOLIDS			
1. SAMPLE No.	A		
2. TARE, WT	49.10	g	
3. TOTAL SAMPLE + TARE, WT	127.14	g	
4. DRY SOLIDS + TARE, WT	53.83	g	
5. PERCENT SOLIDS	6.06	%	

MOISTURE CONTENT DETERMINATION

REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: DEW-SED-FilterPress (125psi)
TESTING DATE: 01/12/18
TESTED BY: JDM
TRACKING CODE: B876_MC

MOISTURE CONTENT (Dry & Wet Basis)			
1. MOISTURE TIN NO.	A	B	C
2. WT MOISTURE TIN (tare weight)	1.0081 g	1.0597 g	0.9919 g
3. WT WET SOIL + TARE	10.6529 g	9.0925 g	11.1854 g
4. WT DRY SOIL + TARE	7.3134 g	6.3577 g	7.8180 g
5. WT WATER, W _w	3.3395 g	2.7348 g	3.3674 g
6. WT DRY SOIL, W _s	6.3053 g	5.2980 g	6.8261 g
7. ASTM MOISTURE CONTENT	52.96 %	51.62 %	49.33 %
8. PERCENT SOLIDS	65.38 %	65.95 %	66.97 %
9. AVERAGE ASTM MOISTURE CONTENT	51.30 %		
10. AVERAGE PERCENT SOLIDS	66.10 %		

MOISTURE CONTENT DETERMINATION

REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: DEW-SED-BeltPress
TESTING DATE: 01/12/18
TESTED BY: JDM
TRACKING CODE: B879_MC

MOISTURE CONTENT (Dry & Wet Basis)			
1. MOISTURE TIN NO.	A	B	C
2. WT MOISTURE TIN (tare weight)	1.0406 g	1.0292 g	0.9754 g
3. WT WET SOIL + TARE	29.8718 g	18.1338 g	23.6987 g
4. WT DRY SOIL + TARE	15.4515 g	9.1567 g	12.3199 g
5. WT WATER, W _w	14.4203 g	8.9771 g	11.3788 g
6. WT DRY SOIL, W _s	14.4109 g	8.1275 g	11.3445 g
7. ASTM MOISTURE CONTENT	100.07 %	110.45 %	100.30 %
8. PERCENT SOLIDS	49.98 %	47.52 %	49.92 %
9. AVERAGE ASTM MOISTURE CONTENT	103.61 %		
10. AVERAGE PERCENT SOLIDS	49.14 %		

**Appendix H:
Mixture Design Sheets**

MIX DEVELOPMENT DATA SHEET

PROJECT: Stratford Dewatering MIX No. 0664-001
 PROJECT No.: SH0664
 MIXING DATE: 10-Jan-18 MIXED BY: JDM

UNTREATED MATERIAL TYPE	DEW-SED-BeltPress				
WEIGHT OF UNTREATED MATERIAL	750 g				
REAGENT TYPE AND LOT NUMBER	ADDITION RATE			WEIGHT	
Type I Portland Cement	3.00 %			22.5 g	
	%			0.0 g	
	%			0.0 g	
	%			0.0 g	
	%			0.0 g	
Water Addition	%			0.0 g	
OBSERVATIONS / NOTES Moisture Content @ 7 Days Bulk Density @ 7 Days Pocket Penetrometer @ 1, 3 & 5 Days Torvane @ 1, 3 & 5 Days UCS @ 7 Days Paint Filter @ 7 Days					
PENETROMETER ANALYSES					
CURE TIME (Days)	1	3	5		
PENETROMETER (tons/ft ²)	0.00	0.0	0.25		
POCKET VANE SHEAR ANALYSES					
CURE TIME (Days)	1	3	5		
TORVANE (Kg/cm ²)	0.5	0.5	2.8		

MIX DEVELOPMENT DATA SHEET

PROJECT:	Stratford Dewatering	MIX No.
PROJECT No.:	SH0664	0664-002
MIXING DATE:	10-Jan-18	MIXED BY: <u> JDM </u>

UNTREATED MATERIAL TYPE	DEW-SED-BeltPress	
WEIGHT OF UNTREATED MATERIAL	750 g	
REAGENT TYPE AND LOT NUMBER	ADDITION RATE	WEIGHT
Type I Portland Cement	6.00 %	45.0 g
	%	0.0 g
	%	0.0 g
	%	0.0 g
	%	0.0 g
Water Addition	%	0.0 g

OBSERVATIONS / NOTES

Moisture Content @ 7 Days
 Bulk Density @ 7 Days
 Pocket Penetrometer @ 1, 3 & 5 Days
 Torvane @ 1, 3 & 5 Days
 UCS @ 7 Days
 Paint Filter @ 7 Days

PENETROMETER ANALYSES

CURE TIME (Days)	1	3	5		
PENETROMETER (tons/ft ²)	2.00	>4.5	>4.5		

POCKET VANE SHEAR ANALYSES

CURE TIME (Days)	1	3	5		
TORVANE (Kg/cm ²)	2.50	6.25	5.5*		

MIX DEVELOPMENT DATA SHEET

PROJECT:	Stratford Dewatering	MIX No.
PROJECT No.:	SH0664	0664-003
MIXING DATE:	10-Jan-18	MIXED BY: <u> JDM </u>

UNTREATED MATERIAL TYPE	DEW-SED-BeltPress	
WEIGHT OF UNTREATED MATERIAL	750 g	
REAGENT TYPE AND LOT NUMBER	ADDITION RATE	WEIGHT
Type I Portland Cement	8.00 %	60.0 g
	%	0.0 g
	%	0.0 g
	%	0.0 g
	%	0.0 g
Water Addition	%	0.0 g

OBSERVATIONS / NOTES

Moisture Content @ 7 Days
 Bulk Density @ 7 Days
 Pocket Penetrometer @ 1, 3 & 5 Days
 Torvane @ 1, 3 & 5 Days
 UCS @ 7 Days
 Paint Filter @ 7 Days

PENETROMETER ANALYSES					
CURE TIME (Days)	1	3	5		
PENETROMETER (tons/ft ²)	2.00	4.0	>4.5		
POCKET VANE SHEAR ANALYSES					
CURE TIME (Days)	1	3	5		
TORVANE (Kg/cm ²)	2.50	4.5	4.5		

MIX DEVELOPMENT DATA SHEET

PROJECT: Stratford Dewatering MIX No. 0664-004
 PROJECT No.: SH0664
 MIXING DATE: 10-Jan-18 MIXED BY: JDM

UNTREATED MATERIAL TYPE	DEW-SED-BeltPress	
WEIGHT OF UNTREATED MATERIAL	750 g	
REAGENT TYPE AND LOT NUMBER	ADDITION RATE	WEIGHT
Mintek Calciment	3.00 %	22.5 g
	%	0.0 g
	%	0.0 g
	%	0.0 g
	%	0.0 g
Water Addition	%	0.0 g

OBSERVATIONS / NOTES
 Moisture Content @ 7 Days
 Bulk Density @ 7 Days
 Pocket Penetrometer @ 1, 3 & 5 Days
 Torvane @ 1, 3 & 5 Days
 UCS @ 7 Days
 Paint Filter @ 7 Days

PENETROMETER ANALYSES

CURE TIME (Days)	1	3	5		
PENETROMETER (tons/ft ²)	0.00	0.0	0.25		

POCKET VANE SHEAR ANALYSES

CURE TIME (Days)	1	3	5		
TORVANE (Kg/cm ²)	0.00	0.0	1.0		

MIX DEVELOPMENT DATA SHEET

PROJECT: Stratford Dewatering MIX No. 0664-005
 PROJECT No.: SH0664
 MIXING DATE: 10-Jan-18 MIXED BY: JDM

UNTREATED MATERIAL TYPE	DEW-SED-BeltPress	
WEIGHT OF UNTREATED MATERIAL	750 g	
REAGENT TYPE AND LOT NUMBER	ADDITION RATE	WEIGHT
Mintek Calciment	6.00 %	45.0 g
	%	0.0 g
	%	0.0 g
	%	0.0 g
	%	0.0 g
Water Addition	%	0.0 g

OBSERVATIONS / NOTES

Moisture Content @ 7 Days
 Bulk Density @ 7 Days
 Pocket Penetrometer @ 1, 3 & 5 Days
 Torvane @ 1, 3 & 5 Days
 UCS @ 7 Days
 Paint Filter @ 7 Days

PENETROMETER ANALYSES

CURE TIME (Days)	1	3	5		
PENETROMETER (tons/ft ²)	0.00	0.0	0.25		

POCKET VANE SHEAR ANALYSES

CURE TIME (Days)	1	3	5		
TORVANE (Kg/cm ²)	1.0	1.0	2.5		

MIX DEVELOPMENT DATA SHEET

PROJECT: Stratford Dewatering MIX No. 0664-006
 PROJECT No.: SH0664
 MIXING DATE: 10-Jan-18 MIXED BY: JDM

UNTREATED MATERIAL TYPE	DEW-SED-BeltPress	
WEIGHT OF UNTREATED MATERIAL	750 g	
REAGENT TYPE AND LOT NUMBER	ADDITION RATE	WEIGHT
Mintek Calciment	8.00 %	60.0 g
	%	0.0 g
	%	0.0 g
	%	0.0 g
	%	0.0 g
Water Addition	%	0.0 g

OBSERVATIONS / NOTES

Moisture Content @ 7 Days
 Bulk Density @ 7 Days
 Pocket Penetrometer @ 1, 3 & 5 Days
 Torvane @ 1, 3 & 5 Days
 UCS @ 7 Days
 Paint Filter @ 7 Days

PENETROMETER ANALYSES

CURE TIME (Days)	1	3	5		
PENETROMETER (tons/ft ²)	0.00	0.0	0.25		

POCKET VANE SHEAR ANALYSES

CURE TIME (Days)	1	3	5		
TORVANE (Kg/cm ²)	1.00	1.0	2.5		

MIX DEVELOPMENT DATA SHEET

PROJECT: Stratford Dewatering MIX No. 0664-007
 PROJECT No.: SH0664
 MIXING DATE: 10-Jan-18 MIXED BY: JDM

UNTREATED MATERIAL TYPE	DEW-SED-GravityDrain	
WEIGHT OF UNTREATED MATERIAL	750 g	
REAGENT TYPE AND LOT NUMBER	ADDITION RATE	WEIGHT
Type I Portland Cement	2.00 %	15.0 g
	%	0.0 g
	%	0.0 g
	%	0.0 g
	%	0.0 g
Water Addition	%	0.0 g

OBSERVATIONS / NOTES
 Moisture Content @ 7 Days
 Bulk Density @ 7 Days
 Pocket Penetrometer @ 1, 3 & 5 Days
 Torvane @ 1, 3 & 5 Days
 UCS @ 7 Days

PENETROMETER ANALYSES

CURE TIME (Days)	1	3	5		
PENETROMETER (tons/ft ²)	0.0	0.25	0.5		

POCKET VANE SHEAR ANALYSES

CURE TIME (Days)	1	3	5		
TORVANE (Kg/cm ²)	1.0	1.5	2.0		

MIX DEVELOPMENT DATA SHEET

PROJECT: Stratford Dewatering MIX No. 0664-008
 PROJECT No.: SH0664
 MIXING DATE: 10-Jan-18 MIXED BY: JDM

UNTREATED MATERIAL TYPE	DEW-SED-GravityDrain	
WEIGHT OF UNTREATED MATERIAL	750 g	
REAGENT TYPE AND LOT NUMBER	ADDITION RATE	WEIGHT
Type I Portland Cement	4.00 %	30.0 g
	%	0.0 g
	%	0.0 g
	%	0.0 g
	%	0.0 g
Water Addition	%	0.0 g

OBSERVATIONS / NOTES
 Moisture Content @ 7 Days
 Bulk Density @ 7 Days
 Pocket Penetrometer @ 1, 3 & 5 Days
 Torvane @ 1, 3 & 5 Days
 UCS @ 7 Days

PENETROMETER ANALYSES

CURE TIME (Days)	1	3	5		
PENETROMETER (tons/ft ²)	1.50	4.0	>4.5		

POCKET VANE SHEAR ANALYSES

CURE TIME (Days)	1	3	5		
TORVANE (Kg/cm ²)	3.5	3.5	3.5		

MIX DEVELOPMENT DATA SHEET

PROJECT:	Stratford Dewatering	MIX No.
PROJECT No.:	SH0664	0664-009
MIXING DATE:	10-Jan-18	MIXED BY: <u> JDM </u>

UNTREATED MATERIAL TYPE	DEW-SED-GravityDrain	
WEIGHT OF UNTREATED MATERIAL	750 g	
REAGENT TYPE AND LOT NUMBER	ADDITION RATE	WEIGHT
Type I Portland Cement	5.00 %	37.5 g
	%	0.0 g
	%	0.0 g
	%	0.0 g
	%	0.0 g
Water Addition	%	0.0 g

OBSERVATIONS / NOTES

Moisture Content @ 7 Days
 Bulk Density @ 7 Days
 Pocket Penetrometer @ 1, 3 & 5 Days
 Torvane @ 1, 3 & 5 Days
 UCS @ 7 Days

PENETROMETER ANALYSES

CURE TIME (Days)	1	3	5		
PENETROMETER (tons/ft ²)	1.50	3.75	>4.5		

POCKET VANE SHEAR ANALYSES

CURE TIME (Days)	1	3	5		
TORVANE (Kg/cm ²)	3.0	4.0	1.5*		

MIX DEVELOPMENT DATA SHEET

PROJECT: Stratford Dewatering MIX No. 0664-010
 PROJECT No.: SH0664
 MIXING DATE: 10-Jan-18 MIXED BY: JDM

UNTREATED MATERIAL TYPE	DEW-SED-GravityDrain	
WEIGHT OF UNTREATED MATERIAL	750 g	
REAGENT TYPE AND LOT NUMBER	ADDITION RATE	WEIGHT
Calciment	2.00 %	15.0 g
	%	0.0 g
	%	0.0 g
	%	0.0 g
	%	0.0 g
Water Addition	%	0.0 g

OBSERVATIONS / NOTES
 Moisture Content @ 7 Days
 Bulk Density @ 7 Days
 Pocket Penetrometer @ 1, 3 & 5 Days
 Torvane @ 1, 3 & 5 Days
 UCS @ 7 Days

PENETROMETER ANALYSES

CURE TIME (Days)	1	3	5		
PENETROMETER (tons/ft ²)	0.0	0.0	0.0		

POCKET VANE SHEAR ANALYSES

CURE TIME (Days)	1	3	5		
TORVANE (Kg/cm ²)	0.0	0.0	0.0		

MIX DEVELOPMENT DATA SHEET

PROJECT: Stratford Dewatering MIX No. 0664-011
 PROJECT No.: SH0664
 MIXING DATE: 10-Jan-18 MIXED BY: JDM

UNTREATED MATERIAL TYPE	DEW-SED-GravityDrain	
WEIGHT OF UNTREATED MATERIAL	750 g	
REAGENT TYPE AND LOT NUMBER	ADDITION RATE	WEIGHT
Calciment	4.00 %	30.0 g
	%	0.0 g
	%	0.0 g
	%	0.0 g
	%	0.0 g
Water Addition	%	0.0 g

OBSERVATIONS / NOTES
 Moisture Content @ 7 Days
 Bulk Density @ 7 Days
 Pocket Penetrometer @ 1, 3 & 5 Days
 Torvane @ 1, 3 & 5 Days
 UCS @ 7 Days

PENETROMETER ANALYSES

CURE TIME (Days)	1	3	5		
PENETROMETER (tons/ft ²)	0.0	0.0	0.5		

POCKET VANE SHEAR ANALYSES

CURE TIME (Days)	1	3	5		
TORVANE (Kg/cm ²)	0.0	0.0	2.0		

MIX DEVELOPMENT DATA SHEET

PROJECT: Stratford Dewatering MIX No. 0664-012
 PROJECT No.: SH0664
 MIXING DATE: 10-Jan-18 MIXED BY: JDM

UNTREATED MATERIAL TYPE	DEW-SED-GravityDrain	
WEIGHT OF UNTREATED MATERIAL	750 g	
REAGENT TYPE AND LOT NUMBER	ADDITION RATE	WEIGHT
Calciment	5.00 %	37.5 g
	%	0.0 g
	%	0.0 g
	%	0.0 g
	%	0.0 g
Water Addition	%	0.0 g

OBSERVATIONS / NOTES
 Moisture Content @ 7 Days
 Bulk Density @ 7 Days
 Pocket Penetrometer @ 1, 3 & 5 Days
 Torvane @ 1, 3 & 5 Days
 UCS @ 7 Days

PENETROMETER ANALYSES

CURE TIME (Days)	1	3	5		
PENETROMETER (tons/ft ²)	0.00	0.0	0.5		

POCKET VANE SHEAR ANALYSES

CURE TIME (Days)	1	3	5		
TORVANE (Kg/cm ²)	0.50	0.0	1.8		

Appendix I:
Solidification Phase
Testing Data Sheets

MOISTURE CONTENT DETERMINATION

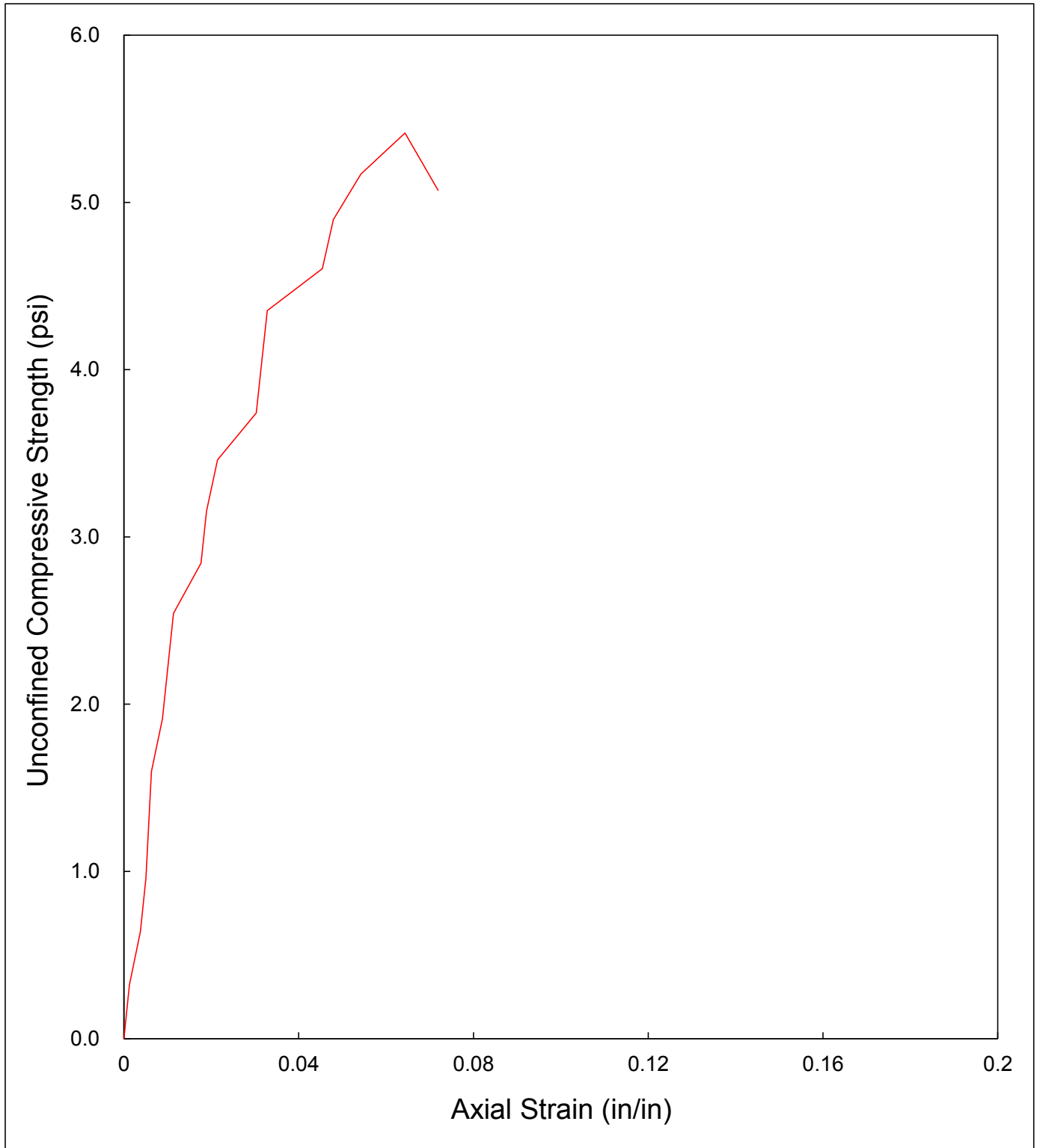
REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664 (8 Day)
SAMPLE No.: SH0664-001
TESTING DATE: 1-18-18
TESTED BY: EM
TRACKING CODE: B882_MC2

MOISTURE CONTENT (Dry & Wet Basis)	
1. MOISTURE TIN NO.	1
2. WT MOISTURE TIN (tare weight)	69.45 g
3. WT WET SOIL + TARE	117.90 g
4. WT DRY SOIL + TARE	94.87 g
5. WT WATER, Ww	23.03 g
6. WT DRY SOIL, Ws	25.42 g
7. ASTM MOISTURE CONTENT, W	90.60 %
8. PERCENT SOLIDS	52.47 %

UNCONFINED COMPRESSION TESTING

Sample No. SH0664-001



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

PROJECT: Stratford Dewatering
PROJECT No.: SH0664 (8 Day)
SAMPLE No.: SH0664-001
TESTING DATE: 18-Jan-10 LOADING RATE: 0.0400 in./min
TESTED BY: EM TRACKING CODE: B882_US

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	90.6 %
BULK UNIT WEIGHT	90.4 lb/ft ³
DRY UNIT WEIGHT	47.4 lb/ft ³
UCS *	5.4 lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

MOISTURE CONTENT DETERMINATION

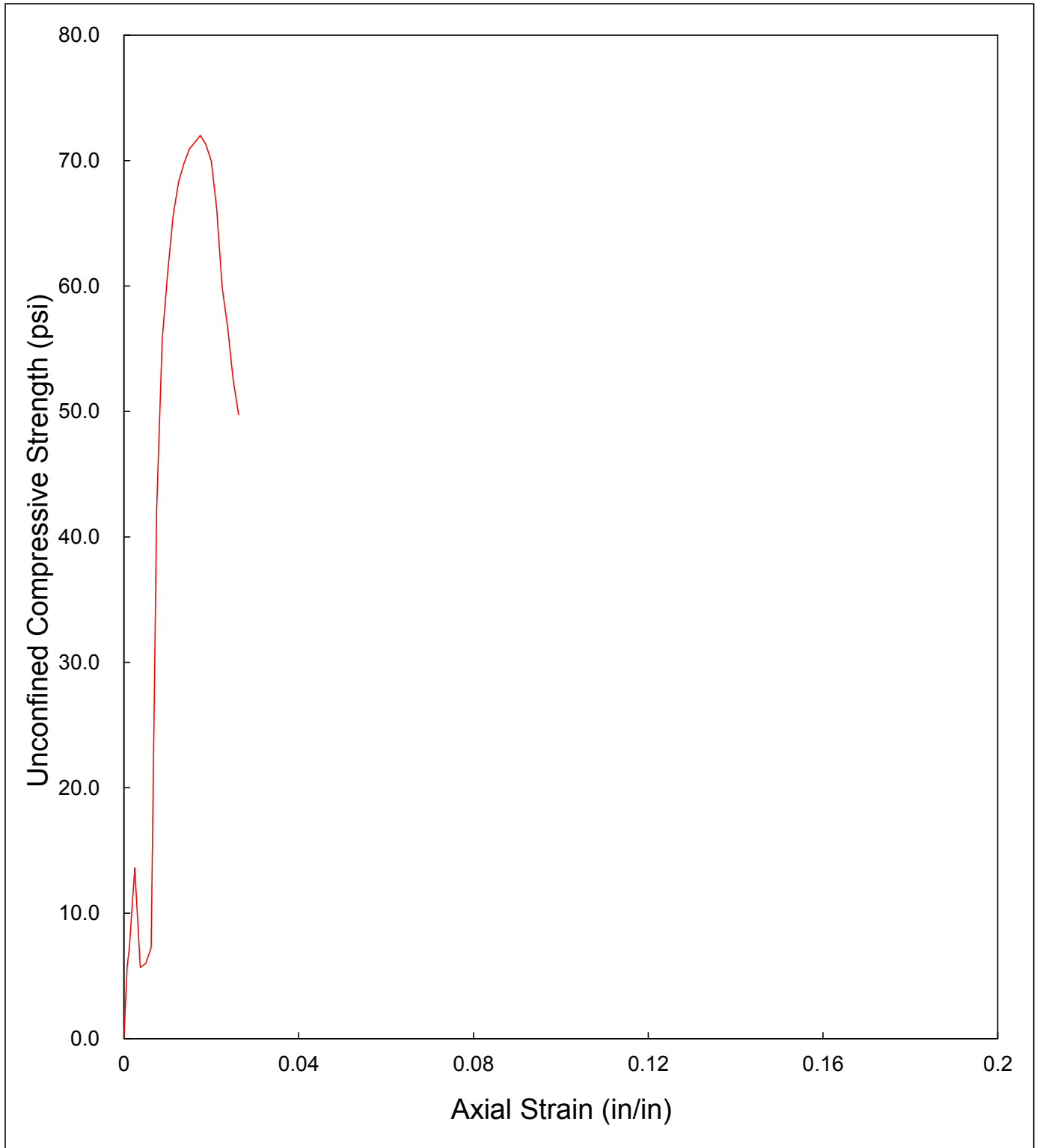
REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664 (8 Day)
SAMPLE No.: SH0664-002
TESTING DATE: 1-18-18
TESTED BY: EM
TRACKING CODE: B883_MC2

MOISTURE CONTENT (Dry & Wet Basis)	
1. MOISTURE TIN NO.	2
2. WT MOISTURE TIN (tare weight)	76.48 g
3. WT WET SOIL + TARE	109.08 g
4. WT DRY SOIL + TARE	94.04 g
5. WT WATER, Ww	15.04 g
6. WT DRY SOIL, Ws	17.56 g
7. ASTM MOISTURE CONTENT, W	85.65 %
8. PERCENT SOLIDS	53.87 %

UNCONFINED COMPRESSION TESTING

Sample No. SH0664-002



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

PROJECT: Stratford Dewatering
PROJECT No.: SH0664 (8 Day)
SAMPLE No.: SH0664-002
TESTING DATE: 18-Jan-10 LOADING RATE: 0.0400 in./min
TESTED BY: EM TRACKING CODE: B883_US

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	85.6 %
BULK UNIT WEIGHT	89.7 lb/ft ³
DRY UNIT WEIGHT	48.3 lb/ft ³
UCS *	72.0 lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

MOISTURE CONTENT DETERMINATION

REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664 (8 Day)
SAMPLE No.: SH0664-003
TESTING DATE: 1-18-18
TESTED BY: EM
TRACKING CODE: B884_MC2

MOISTURE CONTENT (Dry & Wet Basis)	
1. MOISTURE TIN NO.	3
2. WT MOISTURE TIN (tare weight)	77.40 g
3. WT WET SOIL + TARE	131.69 g
4. WT DRY SOIL + TARE	107.48 g
5. WT WATER, Ww	24.21 g
6. WT DRY SOIL, Ws	30.08 g
7. ASTM MOISTURE CONTENT, W	80.49 %
8. PERCENT SOLIDS	55.41 %

UNCONFINED COMPRESSION TEST

ASTM D 2166

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664 (8 Day)
 SAMPLE No.: SH0664-003
 TESTING DATE: 18-Jan-10
 TESTED BY: EM

LOADING RATE: 0.0400 in./min
 TRACKING CODE: B884_US

MOISTURE CONTENT (Dry Basis)	
1. MOISTURE TIN NO.	3
2. WT MOISTURE TIN (tare weight)	77.40 g
3. WT WET SOIL + TARE	131.69 g
4. WT DRY SOIL + TARE	107.48 g
5. WT WATER, Ww	24.21 g
6. WT DRY SOIL, Ws	30.08 g
7. MOISTURE CONTENT, W	80.49 %

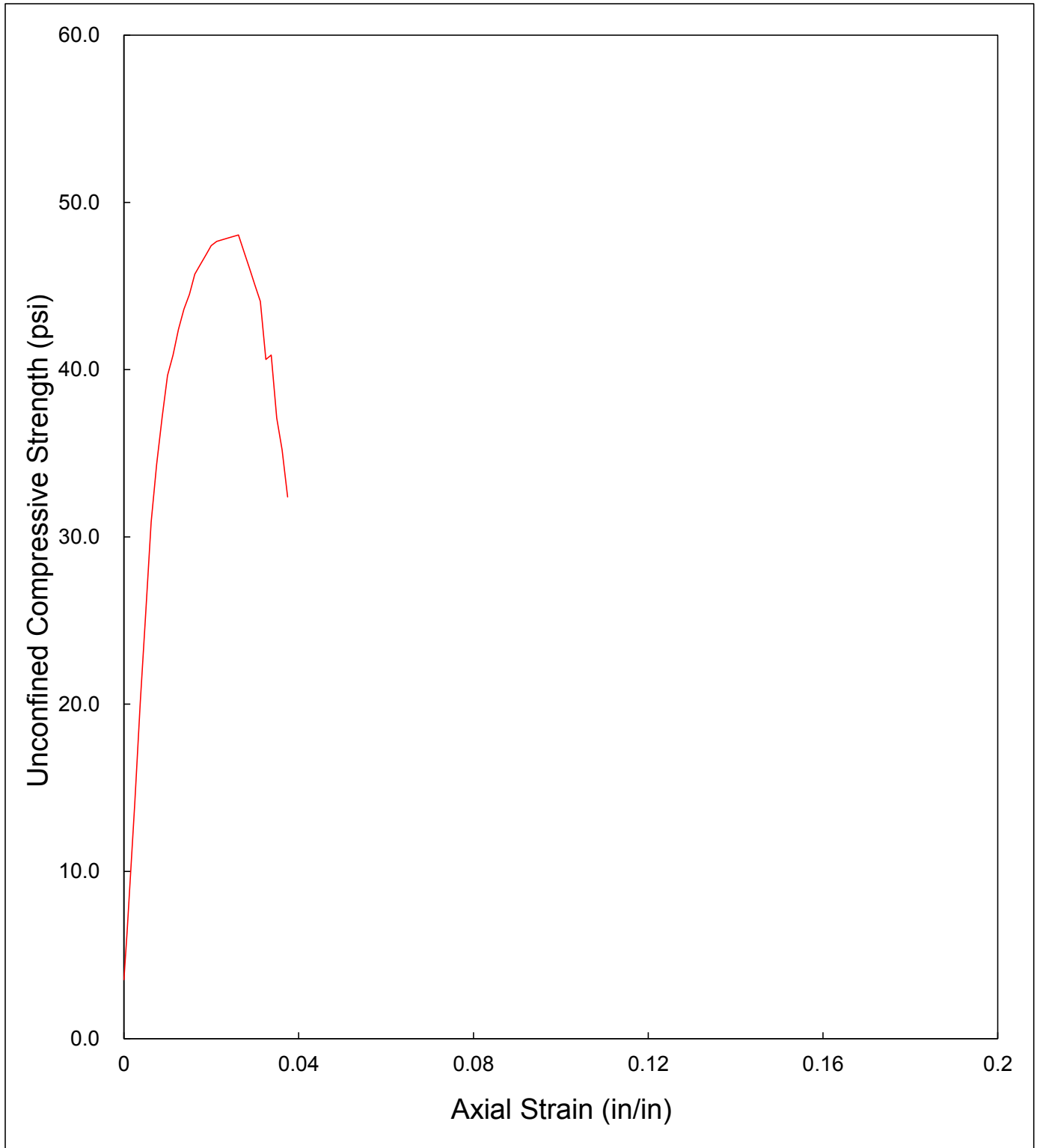
SOIL SPECIMEN DIMENSIONS		
	DIAMETER	LENGTH
No. 1	1.99 in.	4.00 in.
No. 2	1.99 in.	4.00 in.
No. 3	2.00 in.	4.01 in.
Average	1.99 in.	4.00 in.

SPECIMEN CONDITIONS	
Initial Specimen WT, Wo	297.20 g
Initial Area, Ao	3.12 in ²
Initial Volume, Vo	12.49 in ³
Initial Bulk Unit Weight,	90.6 lb/ft ³
Initial Dry Unit Weight	50.2 lb/ft ³
15 % Strain (0.15 Lo)	0.60 in.
UCS	48.1 lb/in ²

COMPRESSIVE LOAD (lbs.)	DIAL GAGE READING (in.)	SPECIMEN DEFORMATION (in.)	CORRECTED AREA (in ²)	AXIAL STRAIN (in/in)	UNCONFINED COMPRESSIVE STRENGTH (lb/in ²)
11	0.000	0.000	3.121	0.0000	3.5
20	0.003	0.003	3.123	0.0007	6.4
44	0.010	0.010	3.128	0.0025	14.1
63	0.015	0.015	3.132	0.0037	20.1
80	0.020	0.020	3.136	0.0050	25.5
97	0.025	0.025	3.140	0.0062	30.9
108	0.030	0.030	3.144	0.0075	34.3
117	0.035	0.035	3.148	0.0087	37.2
125	0.040	0.040	3.152	0.0100	39.7
129	0.045	0.045	3.156	0.0112	40.9
134	0.050	0.050	3.160	0.0125	42.4
138	0.055	0.055	3.164	0.0137	43.6
141	0.060	0.060	3.168	0.0150	44.5
145	0.065	0.065	3.172	0.0162	45.7
147	0.070	0.070	3.176	0.0175	46.3
149	0.075	0.075	3.180	0.0187	46.9
151	0.080	0.080	3.184	0.0200	47.4
152	0.085	0.085	3.188	0.0212	47.7
153	0.095	0.095	3.197	0.0237	47.9
154	0.105	0.105	3.205	0.0262	48.1
151	0.110	0.110	3.209	0.0275	47.1
148	0.115	0.115	3.213	0.0287	46.1
145	0.120	0.120	3.217	0.0300	45.1
142	0.125	0.125	3.221	0.0312	44.1
131	0.130	0.130	3.225	0.0325	40.6
132	0.135	0.135	3.230	0.0337	40.9
120	0.140	0.140	3.234	0.0350	37.1
114	0.145	0.145	3.238	0.0362	35.2
105	0.150	0.150	3.242	0.0375	32.4

UNCONFINED COMPRESSION TESTING

Sample No. SH0664-003



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

PROJECT: Stratford Dewatering
PROJECT No.: SH0664 (8 Day)
SAMPLE No.: SH0664-003
TESTING DATE: 18-Jan-10 LOADING RATE: 0.0400 in./min
TESTED BY: EM TRACKING CODE: B884_US

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	80.5 %
BULK UNIT WEIGHT	90.6 lb/ft ³
DRY UNIT WEIGHT	50.2 lb/ft ³
UCS *	48.1 lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

MOISTURE CONTENT DETERMINATION

REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664 (8 Day)
SAMPLE No.: SH0664-004
TESTING DATE: 1-18-18
TESTED BY: EM
TRACKING CODE: B885_MC2

MOISTURE CONTENT (Dry & Wet Basis)	
1. MOISTURE TIN NO.	4
2. WT MOISTURE TIN (tare weight)	76.80 g
3. WT WET SOIL + TARE	109.46 g
4. WT DRY SOIL + TARE	93.89 g
5. WT WATER, Ww	15.57 g
6. WT DRY SOIL, Ws	17.09 g
7. ASTM MOISTURE CONTENT, W	91.11 %
8. PERCENT SOLIDS	52.33 %

UNCONFINED COMPRESSION TEST

ASTM D 2166

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664 (8 Day)
 SAMPLE No.: SH0664-004
 TESTING DATE: 18-Jan-10
 TESTED BY: EM

LOADING RATE: 0.0400 in./min
 TRACKING CODE: B885_US

MOISTURE CONTENT (Dry Basis)	
1. MOISTURE TIN NO.	4
2. WT MOISTURE TIN (tare weight)	76.80 g
3. WT WET SOIL + TARE	109.46 g
4. WT DRY SOIL + TARE	93.89 g
5. WT WATER, W _w	15.57 g
6. WT DRY SOIL, W _s	17.09 g
7. MOISTURE CONTENT, W	91.11 %

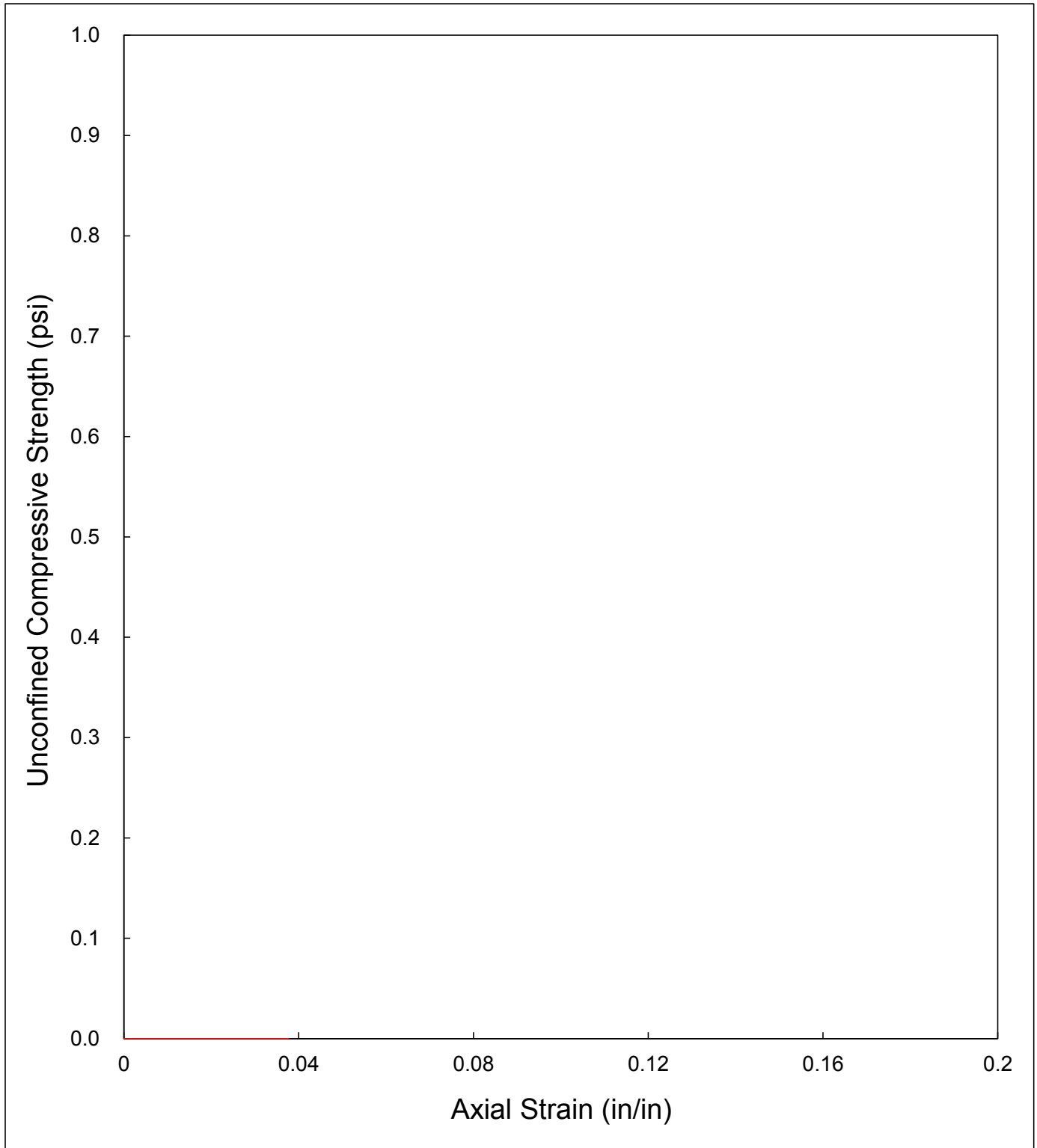
SOIL SPECIMEN DIMENSIONS		
	DIAMETER	LENGTH
No. 1	1.99 in.	3.96 in.
No. 2	1.98 in.	3.98 in.
No. 3	2.00 in.	3.99 in.
Average	1.99 in.	3.98 in.

SPECIMEN CONDITIONS	
Initial Specimen WT, W_o	297.20 g
Initial Area, A _o	3.11 in ²
Initial Volume, V _o	12.37 in ³
Initial Bulk Unit Weight,	91.5 lb/ft ³
Initial Dry Unit Weight	47.9 lb/ft ³
15 % Strain (0.15 L _o)	0.60 in.
UCS	0.0 lb/in ²

COMPRESSIVE LOAD (lbs.)	DIAL GAGE READING (in.)	SPECIMEN DEFORMATION (in.)	CORRECTED AREA (in ²)	AXIAL STRAIN (in/in)	UNCONFINED COMPRESSIVE STRENGTH (lb/in ²)
	0.000	0.000	3.110	0.0000	0.0
	0.003	0.003	3.113	0.0008	0.0
	0.005	0.005	3.114	0.0013	0.0
	0.007	0.007	3.116	0.0018	0.0
	0.010	0.010	3.118	0.0025	0.0
	0.015	0.015	3.122	0.0038	0.0
	0.020	0.020	3.126	0.0050	0.0
	0.025	0.025	3.130	0.0063	0.0
	0.030	0.030	3.134	0.0075	0.0
	0.035	0.035	3.138	0.0088	0.0
	0.040	0.040	3.142	0.0101	0.0
	0.045	0.045	3.146	0.0113	0.0
	0.050	0.050	3.150	0.0126	0.0
	0.055	0.055	3.154	0.0138	0.0
	0.060	0.060	3.158	0.0151	0.0
	0.065	0.065	3.162	0.0163	0.0
	0.070	0.070	3.166	0.0176	0.0
	0.075	0.075	3.170	0.0189	0.0
	0.080	0.080	3.174	0.0201	0.0
	0.085	0.085	3.178	0.0214	0.0
	0.095	0.095	3.186	0.0239	0.0
	0.105	0.105	3.195	0.0264	0.0
	0.110	0.110	3.199	0.0277	0.0
	0.115	0.115	3.203	0.0289	0.0
	0.120	0.120	3.207	0.0302	0.0
	0.125	0.125	3.211	0.0314	0.0
	0.130	0.130	3.215	0.0327	0.0
	0.135	0.135	3.220	0.0339	0.0
	0.140	0.140	3.224	0.0352	0.0
	0.145	0.145	3.228	0.0365	0.0
	0.150	0.150	3.232	0.0377	0.0

UNCONFINED COMPRESSION TESTING

Sample No. SH0664-004



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

PROJECT: Stratford Dewatering
PROJECT No.: SH0664 (8 Day)
SAMPLE No.: SH0664-004
TESTING DATE: 18-Jan-10 LOADING RATE: 0.0400 in./min
TESTED BY: EM TRACKING CODE: B885_US

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	91.1 %
BULK UNIT WEIGHT	91.5 lb/ft ³
DRY UNIT WEIGHT	47.9 lb/ft ³
UCS *	0.0 lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

MOISTURE CONTENT DETERMINATION

REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664 (8 Day)
SAMPLE No.: SH0664-005
TESTING DATE: 1-18-18
TESTED BY: LCJ
TRACKING CODE: B886_MC2

MOISTURE CONTENT (Dry & Wet Basis)	
1. MOISTURE TIN NO.	5
2. WT MOISTURE TIN (tare weight)	77.63 g
3. WT WET SOIL + TARE	104.99 g
4. WT DRY SOIL + TARE	92.72 g
5. WT WATER, Ww	12.27 g
6. WT DRY SOIL, Ws	15.09 g
7. ASTM MOISTURE CONTENT, W	81.31 %
8. PERCENT SOLIDS	55.15 %

UNCONFINED COMPRESSION TEST

ASTM D 2166

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664 (8 Day)
 SAMPLE No.: SH0664-005
 TESTING DATE: 18-Jan-18
 TESTED BY: LCJ

LOADING RATE: 0.0400 in./min
 TRACKING CODE: B886_US

MOISTURE CONTENT (Dry Basis)	
1. MOISTURE TIN NO.	5
2. WT MOISTURE TIN (tare weight)	77.63 g
3. WT WET SOIL + TARE	104.99 g
4. WT DRY SOIL + TARE	92.72 g
5. WT WATER, W _w	12.27 g
6. WT DRY SOIL, W _s	15.09 g
7. MOISTURE CONTENT, W	81.31 %

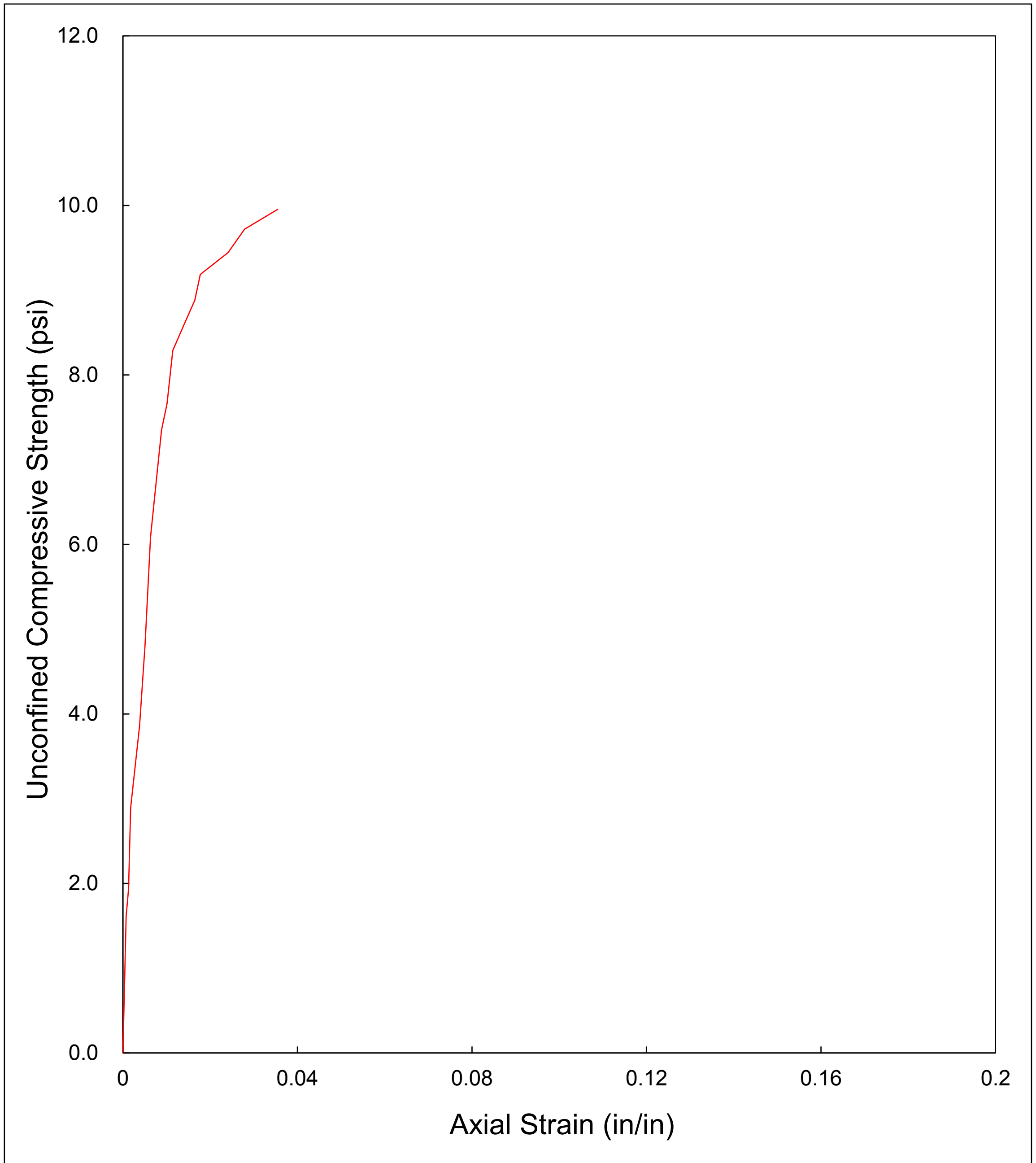
SOIL SPECIMEN DIMENSIONS		
	DIAMETER	LENGTH
No. 1	1.99 in.	3.96 in.
No. 2	1.99 in.	3.94 in.
No. 3	1.98 in.	3.94 in.
Average	1.99 in.	3.95 in.

SPECIMEN CONDITIONS	
<i>Initial Specimen WT, W_o</i>	297.30 g
Initial Area, A _o	3.10 in ²
Initial Volume, V _o	12.23 in ³
Initial Bulk Unit Weight,	92.6 lb/ft ³
Initial Dry Unit Weight	51.1 lb/ft ³
15 % Strain (0.15 L _o)	0.59 in.
UCS	10.0 lb/in ²

COMPRESSIVE LOAD (lbs.)	DIAL GAGE READING (in.)	SPECIMEN DEFORMATION (in.)	CORRECTED AREA (in ²)	AXIAL STRAIN (in/in)	UNCONFINED COMPRESSIVE STRENGTH (lb/in ²)
	0.000	0.000	3.101	0.0000	0.0
5	0.003	0.003	3.103	0.0008	1.6
6	0.005	0.005	3.105	0.0013	1.9
9	0.007	0.007	3.106	0.0018	2.9
12	0.015	0.015	3.113	0.0038	3.9
15	0.020	0.020	3.117	0.0051	4.8
19	0.025	0.025	3.121	0.0063	6.1
21	0.030	0.030	3.125	0.0076	6.7
23	0.035	0.035	3.129	0.0089	7.4
24	0.040	0.040	3.133	0.0101	7.7
26	0.045	0.045	3.137	0.0114	8.3
27	0.055	0.055	3.145	0.0139	8.6
28	0.065	0.065	3.153	0.0165	8.9
29	0.070	0.070	3.157	0.0177	9.2
30	0.095	0.095	3.177	0.0241	9.4
31	0.110	0.110	3.190	0.0279	9.7
32	0.140	0.140	3.215	0.0355	10.0
30	0.150	0.150	3.223	0.0380	9.3
29	0.160	0.160	3.232	0.0406	9.0
28	0.165	0.165	3.236	0.0418	8.7
26	0.175	0.175	3.245	0.0444	8.0
25	0.180	0.180	3.249	0.0456	7.7

UNCONFINED COMPRESSION TESTING

Sample No. SH0664-005



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

PROJECT:	Stratford Dewatering	LOADING RATE:	0.0400 in./min
PROJECT No.:	SH0664 (8 Day)	TRACKING CODE:	B886_US
SAMPLE No.:	SH0664-005		
TESTING DATE:	18-Jan-18		
TESTED BY:	LCJ		

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	81.3 %
BULK UNIT WEIGHT	92.6 lb/ft ³
DRY UNIT WEIGHT	51.1 lb/ft ³
UCS *	10.0 lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

MOISTURE CONTENT DETERMINATION

REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664 (8 Day)
SAMPLE No.: SH0664-006
TESTING DATE: 1-18-18
TESTED BY: EM
TRACKING CODE: B887_MC2

MOISTURE CONTENT (Dry & Wet Basis)	
1. MOISTURE TIN NO.	6
2. WT MOISTURE TIN (tare weight)	77.00 g
3. WT WET SOIL + TARE	138.90 g
4. WT DRY SOIL + TARE	110.87 g
5. WT WATER, Ww	28.03 g
6. WT DRY SOIL, Ws	33.87 g
7. ASTM MOISTURE CONTENT, W	82.76 %
8. PERCENT SOLIDS	54.72 %

UNCONFINED COMPRESSION TEST

ASTM D 2166

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664 (8 Day)
 SAMPLE No.: SH0664-006
 TESTING DATE: 18-Jan-18
 TESTED BY: EM

LOADING RATE: 0.0400 in./min
 TRACKING CODE: B887_US

MOISTURE CONTENT (Dry Basis)	
1. MOISTURE TIN NO.	6
2. WT MOISTURE TIN (tare weight)	77.00 g
3. WT WET SOIL + TARE	138.90 g
4. WT DRY SOIL + TARE	110.87 g
5. WT WATER, W _w	28.03 g
6. WT DRY SOIL, W _s	33.87 g
7. MOISTURE CONTENT, W	82.76 %

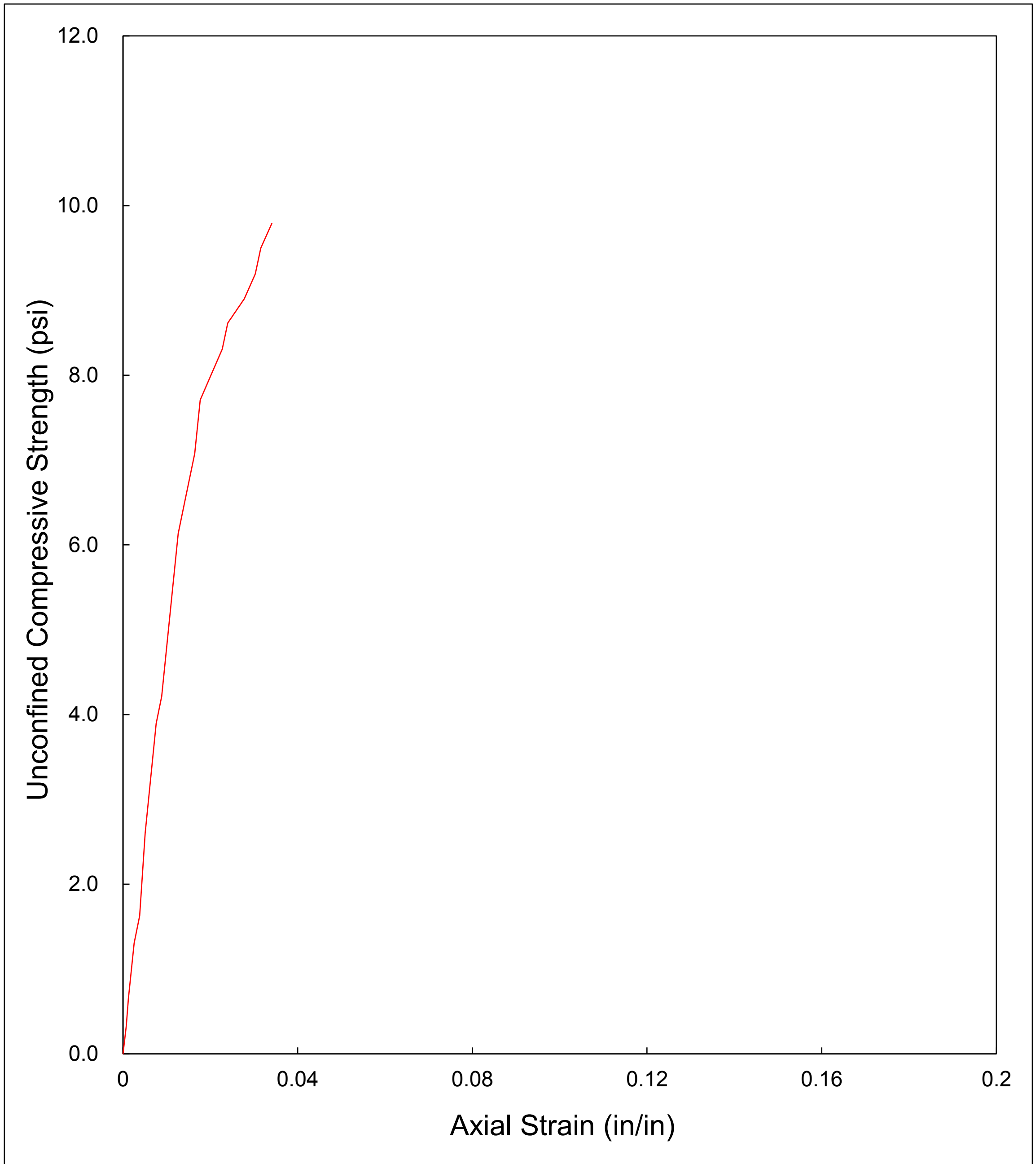
SOIL SPECIMEN DIMENSIONS		
	DIAMETER	LENGTH
No. 1	1.97 in.	3.95 in.
No. 2	1.98 in.	3.99 in.
No. 3	1.97 in.	3.94 in.
Average	1.97 in.	3.96 in.

SPECIMEN CONDITIONS	
<i>Initial Specimen WT, W_o</i>	298.43 g
Initial Area, A _o	3.06 in ²
Initial Volume, V _o	12.11 in ³
Initial Bulk Unit Weight,	93.9 lb/ft ³
Initial Dry Unit Weight	51.4 lb/ft ³
15 % Strain (0.15 L _o)	0.59 in.
UCS	9.8 lb/in ²

COMPRESSIVE LOAD (lbs.)	DIAL GAGE READING (in.)	SPECIMEN DEFORMATION (in.)	CORRECTED AREA (in ²)	AXIAL STRAIN (in/in)	UNCONFINED COMPRESSIVE STRENGTH (lb/in ²)
	0.000	0.000	3.058	0.0000	0.0
1	0.003	0.003	3.061	0.0008	0.3
2	0.005	0.005	3.062	0.0013	0.7
4	0.010	0.010	3.066	0.0025	1.3
5	0.015	0.015	3.070	0.0038	1.6
8	0.020	0.020	3.074	0.0051	2.6
10	0.025	0.025	3.078	0.0063	3.2
12	0.030	0.030	3.082	0.0076	3.9
13	0.035	0.035	3.086	0.0088	4.2
15	0.040	0.040	3.090	0.0101	4.9
17	0.045	0.045	3.094	0.0114	5.5
19	0.050	0.050	3.097	0.0126	6.1
20	0.055	0.055	3.101	0.0139	6.4
21	0.060	0.060	3.105	0.0152	6.8
22	0.065	0.065	3.109	0.0164	7.1
24	0.070	0.070	3.113	0.0177	7.7
25	0.080	0.080	3.121	0.0202	8.0
26	0.090	0.090	3.130	0.0227	8.3
27	0.095	0.095	3.134	0.0240	8.6
28	0.110	0.110	3.146	0.0278	8.9
29	0.120	0.120	3.154	0.0303	9.2
30	0.125	0.125	3.158	0.0316	9.5
31	0.135	0.135	3.166	0.0341	9.8
30	0.140	0.140	3.170	0.0354	9.5
29	0.200	0.200	3.221	0.0505	9.0
28	0.215	0.215	3.234	0.0543	8.7
27	0.220	0.220	3.238	0.0556	8.3
26	0.300	0.300	3.309	0.0758	7.9

UNCONFINED COMPRESSION TESTING

Sample No. SH0664-006



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

PROJECT: Stratford Dewatering
PROJECT No.: SH0664 (8 Day)
SAMPLE No.: SH0664-006
TESTING DATE: 18-Jan-18
TESTED BY: EM

LOADING RATE: 0.0400 in./min
TRACKING CODE: B887_US

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	82.8 %
BULK UNIT WEIGHT	93.9 lb/ft ³
DRY UNIT WEIGHT	51.4 lb/ft ³
UCS *	9.8 lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

MOISTURE CONTENT DETERMINATION

REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664 (8 Day)
SAMPLE No.: SH0664-007
TESTING DATE: 1-18-18
TESTED BY: LCJ
TRACKING CODE: B888_MC2

MOISTURE CONTENT (Dry & Wet Basis)	
1. MOISTURE TIN NO.	7
2. WT MOISTURE TIN (tare weight)	76.24 g
3. WT WET SOIL + TARE	107.60 g
4. WT DRY SOIL + TARE	93.90 g
5. WT WATER, Ww	13.70 g
6. WT DRY SOIL, Ws	17.66 g
7. ASTM MOISTURE CONTENT, W	77.58 %
8. PERCENT SOLIDS	56.31 %

UNCONFINED COMPRESSION TEST

ASTM D 2166

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664 (8 Day)
 SAMPLE No.: SH0664-007
 TESTING DATE: 18-Jan-18
 TESTED BY: LCJ

LOADING RATE: 0.0400 in./min
 TRACKING CODE: B888_US

MOISTURE CONTENT (Dry Basis)	
1. MOISTURE TIN NO.	7
2. WT MOISTURE TIN (tare weight)	76.24 g
3. WT WET SOIL + TARE	107.60 g
4. WT DRY SOIL + TARE	93.90 g
5. WT WATER, W _w	13.70 g
6. WT DRY SOIL, W _s	17.66 g
7. MOISTURE CONTENT, W	77.58 %

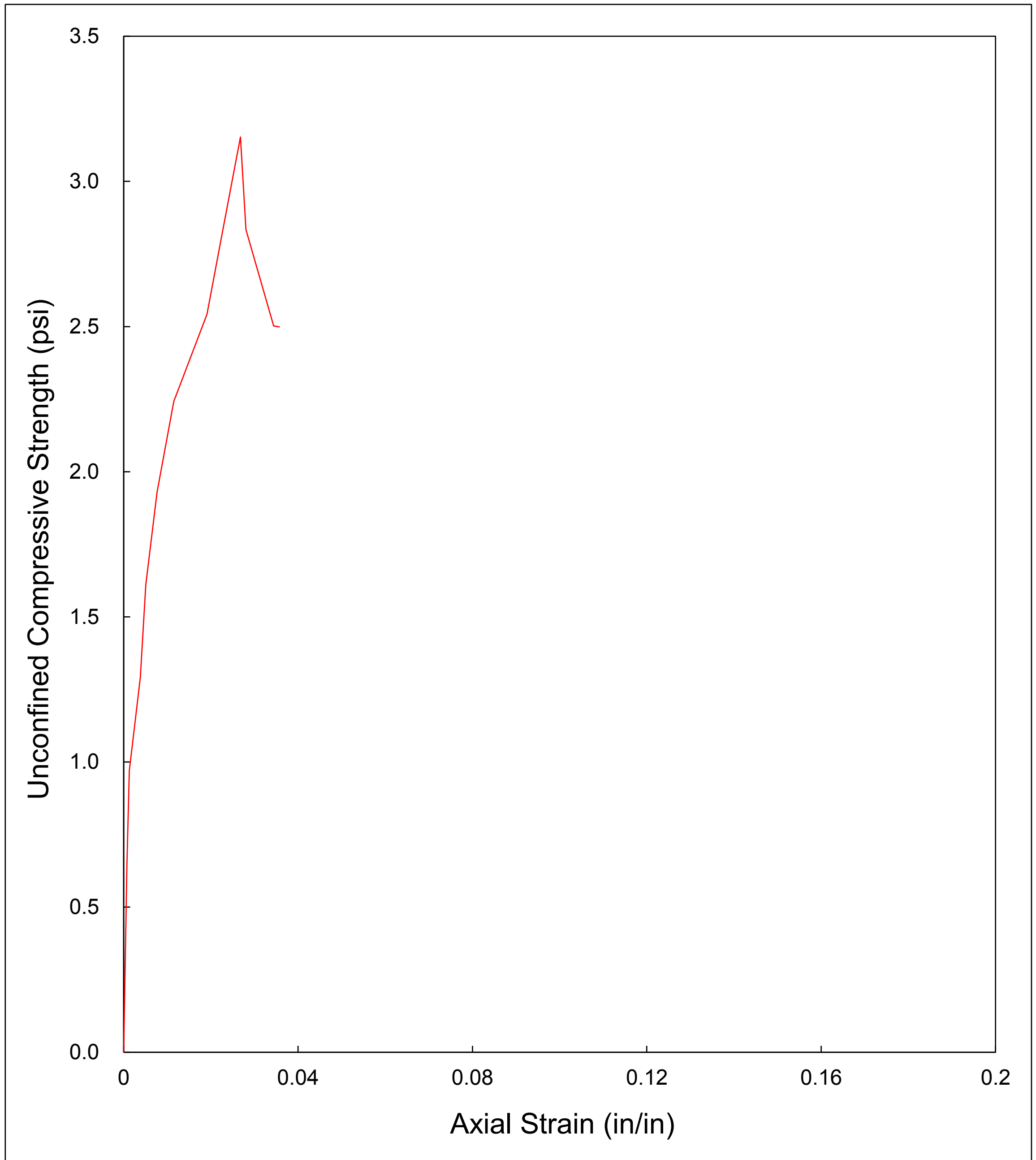
SOIL SPECIMEN DIMENSIONS		
	DIAMETER	LENGTH
No. 1	1.98 in.	3.92 in.
No. 2	1.97 in.	3.91 in.
No. 3	1.99 in.	3.94 in.
Average	1.98 in.	3.92 in.

SPECIMEN CONDITIONS	
Initial Specimen WT, W_o	291.29 g
Initial Area, A _o	3.09 in ²
Initial Volume, V _o	12.11 in ³
Initial Bulk Unit Weight,	91.6 lb/ft ³
Initial Dry Unit Weight	51.6 lb/ft ³
15 % Strain (0.15 L _o)	0.59 in.
UCS	3.2 lb/in ²

COMPRESSIVE LOAD (lbs.)	DIAL GAGE READING (in.)	SPECIMEN DEFORMATION (in.)	CORRECTED AREA (in ²)	AXIAL STRAIN (in/in)	UNCONFINED COMPRESSIVE STRENGTH (lb/in ²)
	0.000	0.000	3.087	0.0000	0.0
2	0.003	0.003	3.089	0.0008	0.6
3	0.005	0.005	3.091	0.0013	1.0
4	0.015	0.015	3.099	0.0038	1.3
5	0.020	0.020	3.103	0.0051	1.6
6	0.030	0.030	3.111	0.0076	1.9
7	0.045	0.045	3.123	0.0115	2.2
8	0.075	0.075	3.147	0.0191	2.5
9	0.090	0.090	3.159	0.0229	2.8
10	0.105	0.105	3.172	0.0268	3.2
9	0.110	0.110	3.176	0.0280	2.8
8	0.135	0.135	3.197	0.0344	2.5
8	0.140	0.140	3.201	0.0357	2.5

UNCONFINED COMPRESSION TESTING

Sample No. SH0664-007



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

PROJECT:	Stratford Dewatering	LOADING RATE:	0.0400 in./min
PROJECT No.:	SH0664 (8 Day)	TRACKING CODE:	B888_US
SAMPLE No.:	SH0664-007		
TESTING DATE:	18-Jan-18		
TESTED BY:	LCJ		

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	77.6 %
BULK UNIT WEIGHT	91.6 lb/ft ³
DRY UNIT WEIGHT	51.6 lb/ft ³
UCS *	3.2 lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

MOISTURE CONTENT DETERMINATION

REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664 (8 Day)
SAMPLE No.: SH0664-008
TESTING DATE: 1-18-18
TESTED BY: EM
TRACKING CODE: B889_MC2

MOISTURE CONTENT (Dry & Wet Basis)	
1. MOISTURE TIN NO.	8
2. WT MOISTURE TIN (tare weight)	63.27 g
3. WT WET SOIL + TARE	119.09 g
4. WT DRY SOIL + TARE	94.71 g
5. WT WATER, Ww	24.38 g
6. WT DRY SOIL, Ws	31.44 g
7. ASTM MOISTURE CONTENT, W	77.54 %
8. PERCENT SOLIDS	56.32 %

UNCONFINED COMPRESSION TEST

ASTM D 2166

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664 (8 Day)
 SAMPLE No.: SH0664-008
 TESTING DATE: 18-Jan-18
 TESTED BY: EM

LOADING RATE: 0.0400 in./min
 TRACKING CODE: B889_US

MOISTURE CONTENT (Dry Basis)	
1. MOISTURE TIN NO.	8
2. WT MOISTURE TIN (tare weight)	63.27 g
3. WT WET SOIL + TARE	119.09 g
4. WT DRY SOIL + TARE	94.71 g
5. WT WATER, W _w	24.38 g
6. WT DRY SOIL, W _s	31.44 g
7. MOISTURE CONTENT, W	77.54 %

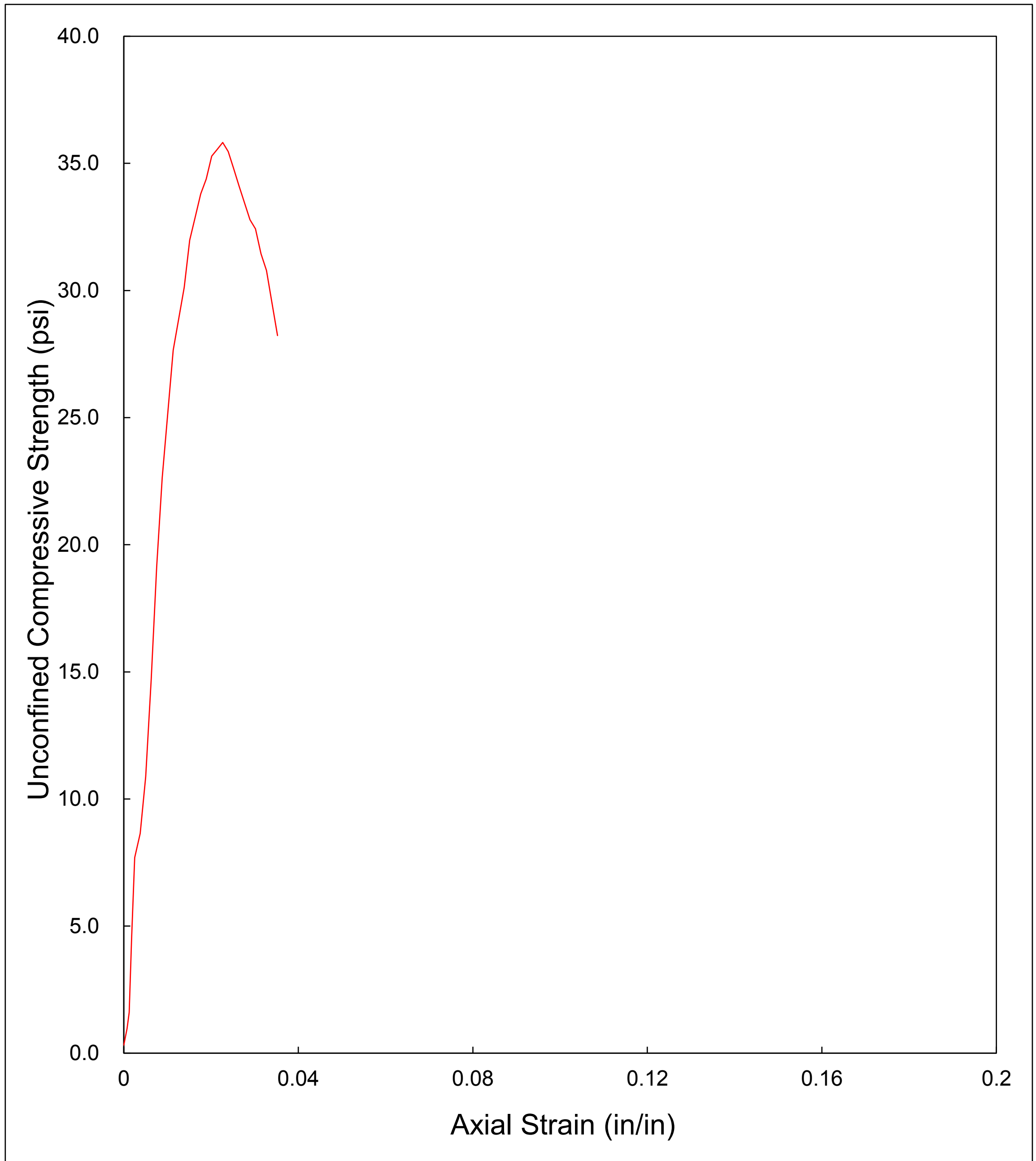
SOIL SPECIMEN DIMENSIONS		
	DIAMETER	LENGTH
No. 1	1.99 in.	3.96 in.
No. 2	1.99 in.	3.98 in.
No. 3	1.99 in.	3.98 in.
Average	1.99 in.	3.97 in.

SPECIMEN CONDITIONS	
Initial Specimen WT, W_o	307.58 g
Initial Area, A _o	3.11 in ²
Initial Volume, V _o	12.36 in ³
Initial Bulk Unit Weight,	94.8 lb/ft ³
Initial Dry Unit Weight	53.4 lb/ft ³
15 % Strain (0.15 L _o)	0.60 in.
UCS	35.8 lb/in ²

COMPRESSIVE LOAD (lbs.)	DIAL GAGE READING (in.)	SPECIMEN DEFORMATION (in.)	CORRECTED AREA (in ²)	AXIAL STRAIN (in/in)	UNCONFINED COMPRESSIVE STRENGTH (lb/in ²)
1	0.000	0.000	3.110	0.0000	0.3
3	0.003	0.003	3.113	0.0008	1.0
5	0.005	0.005	3.114	0.0013	1.6
14	0.007	0.007	3.116	0.0018	4.5
24	0.010	0.010	3.118	0.0025	7.7
27	0.015	0.015	3.122	0.0038	8.6
34	0.020	0.020	3.126	0.0050	10.9
46	0.025	0.025	3.130	0.0063	14.7
60	0.030	0.030	3.134	0.0076	19.1
71	0.035	0.035	3.138	0.0088	22.6
79	0.040	0.040	3.142	0.0101	25.1
87	0.045	0.045	3.146	0.0113	27.7
91	0.050	0.050	3.150	0.0126	28.9
95	0.055	0.055	3.154	0.0138	30.1
101	0.060	0.060	3.158	0.0151	32.0
104	0.065	0.065	3.162	0.0164	32.9
107	0.070	0.070	3.166	0.0176	33.8
109	0.075	0.075	3.170	0.0189	34.4
112	0.080	0.080	3.174	0.0201	35.3
113	0.085	0.085	3.178	0.0214	35.6
114	0.090	0.090	3.182	0.0227	35.8
113	0.095	0.095	3.186	0.0239	35.5
111	0.100	0.100	3.191	0.0252	34.8
109	0.105	0.105	3.195	0.0264	34.1
107	0.110	0.110	3.199	0.0277	33.4
105	0.115	0.115	3.203	0.0289	32.8
104	0.120	0.120	3.207	0.0302	32.4
101	0.125	0.125	3.211	0.0315	31.5
99	0.130	0.130	3.215	0.0327	30.8
95	0.135	0.135	3.220	0.0340	29.5
91	0.140	0.140	3.224	0.0352	28.2

UNCONFINED COMPRESSION TESTING

Sample No. SH0664-008



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

PROJECT:	<u>Stratford Dewatering</u>	LOADING RATE:	<u>0.0400 in./min</u>
PROJECT No.:	<u>SH0664 (8 Day)</u>	TRACKING CODE:	<u>B889_US</u>
SAMPLE No.:	<u>SH0664-008</u>		
TESTING DATE:	<u>18-Jan-18</u>		
TESTED BY:	<u>EM</u>		

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	77.5 %
BULK UNIT WEIGHT	94.8 lb/ft ³
DRY UNIT WEIGHT	53.4 lb/ft ³
UCS *	35.8 lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

MOISTURE CONTENT DETERMINATION

REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664 (8 Day)
SAMPLE No.: SH0664-009
TESTING DATE: 1-18-18
TESTED BY: EM/LCJ
TRACKING CODE: B890_MC2

MOISTURE CONTENT (Dry & Wet Basis)	
1. MOISTURE TIN NO.	9
2. WT MOISTURE TIN (tare weight)	77.53 g
3. WT WET SOIL + TARE	116.64 g
4. WT DRY SOIL + TARE	100.26 g
5. WT WATER, Ww	16.38 g
6. WT DRY SOIL, Ws	22.73 g
7. ASTM MOISTURE CONTENT, W	72.06 %
8. PERCENT SOLIDS	58.12 %

UNCONFINED COMPRESSION TEST

ASTM D 2166

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664 (8 Day)
 SAMPLE No.: SH0664-008
 TESTING DATE: 18-Jan-18
 TESTED BY: EM

LOADING RATE: 0.0400 in./min
 TRACKING CODE: B889_US

MOISTURE CONTENT (Dry Basis)	
1. MOISTURE TIN NO.	8
2. WT MOISTURE TIN (tare weight)	63.27 g
3. WT WET SOIL + TARE	119.09 g
4. WT DRY SOIL + TARE	94.71 g
5. WT WATER, W _w	24.38 g
6. WT DRY SOIL, W _s	31.44 g
7. MOISTURE CONTENT, W	77.54 %

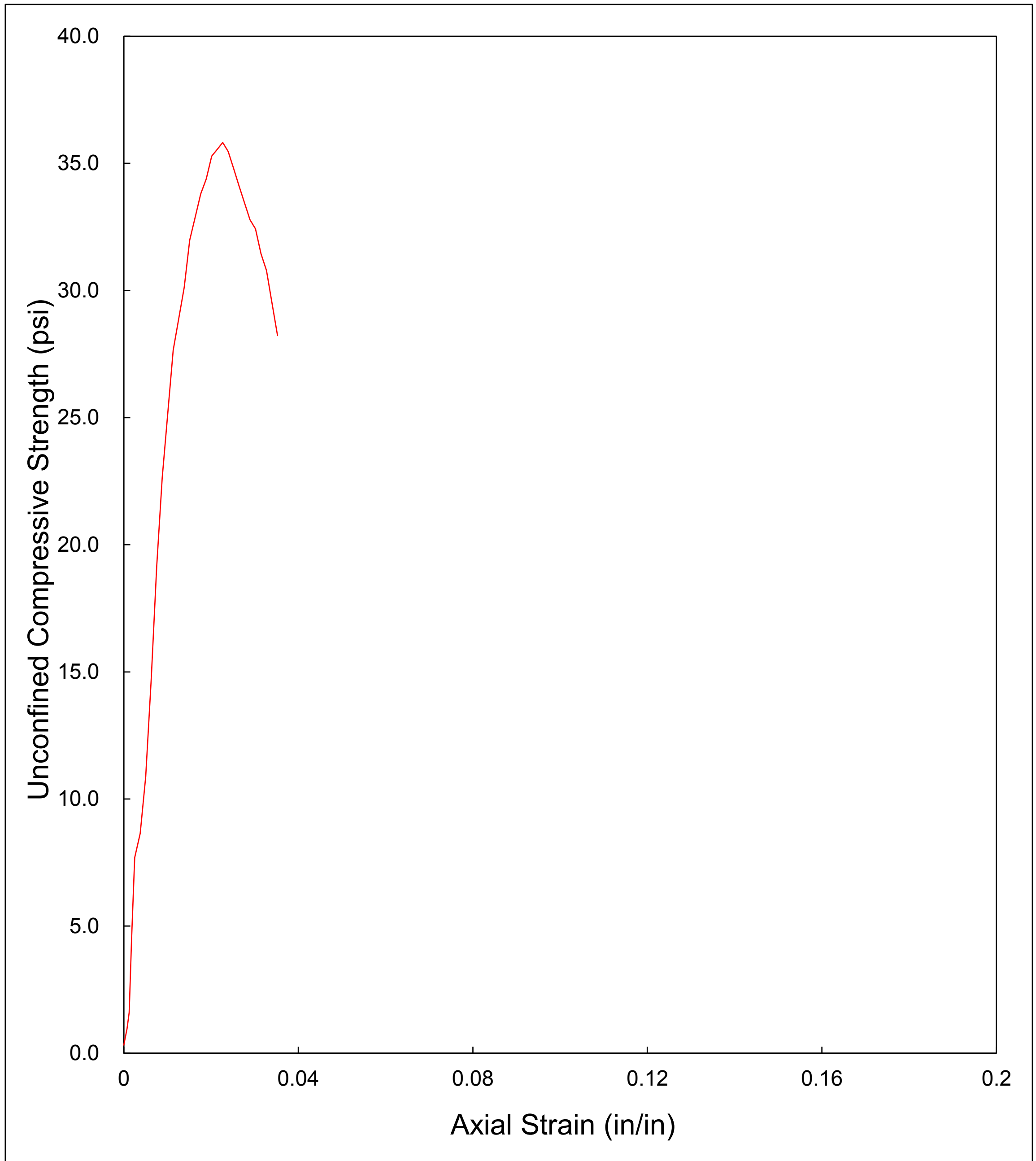
SOIL SPECIMEN DIMENSIONS		
	DIAMETER	LENGTH
No. 1	1.99 in.	3.96 in.
No. 2	1.99 in.	3.98 in.
No. 3	1.99 in.	3.98 in.
Average	1.99 in.	3.97 in.

SPECIMEN CONDITIONS	
<i>Initial Specimen WT, W_o</i>	307.58 g
Initial Area, A _o	3.11 in ²
Initial Volume, V _o	12.36 in ³
Initial Bulk Unit Weight,	94.8 lb/ft ³
Initial Dry Unit Weight	53.4 lb/ft ³
15 % Strain (0.15 L _o)	0.60 in.
UCS	35.8 lb/in ²

COMPRESSIVE LOAD (lbs.)	DIAL GAGE READING (in.)	SPECIMEN DEFORMATION (in.)	CORRECTED AREA (in ²)	AXIAL STRAIN (in/in)	UNCONFINED COMPRESSIVE STRENGTH (lb/in ²)
1	0.000	0.000	3.110	0.0000	0.3
3	0.003	0.003	3.113	0.0008	1.0
5	0.005	0.005	3.114	0.0013	1.6
14	0.007	0.007	3.116	0.0018	4.5
24	0.010	0.010	3.118	0.0025	7.7
27	0.015	0.015	3.122	0.0038	8.6
34	0.020	0.020	3.126	0.0050	10.9
46	0.025	0.025	3.130	0.0063	14.7
60	0.030	0.030	3.134	0.0076	19.1
71	0.035	0.035	3.138	0.0088	22.6
79	0.040	0.040	3.142	0.0101	25.1
87	0.045	0.045	3.146	0.0113	27.7
91	0.050	0.050	3.150	0.0126	28.9
95	0.055	0.055	3.154	0.0138	30.1
101	0.060	0.060	3.158	0.0151	32.0
104	0.065	0.065	3.162	0.0164	32.9
107	0.070	0.070	3.166	0.0176	33.8
109	0.075	0.075	3.170	0.0189	34.4
112	0.080	0.080	3.174	0.0201	35.3
113	0.085	0.085	3.178	0.0214	35.6
114	0.090	0.090	3.182	0.0227	35.8
113	0.095	0.095	3.186	0.0239	35.5
111	0.100	0.100	3.191	0.0252	34.8
109	0.105	0.105	3.195	0.0264	34.1
107	0.110	0.110	3.199	0.0277	33.4
105	0.115	0.115	3.203	0.0289	32.8
104	0.120	0.120	3.207	0.0302	32.4
101	0.125	0.125	3.211	0.0315	31.5
99	0.130	0.130	3.215	0.0327	30.8
95	0.135	0.135	3.220	0.0340	29.5
91	0.140	0.140	3.224	0.0352	28.2

UNCONFINED COMPRESSION TESTING

Sample No. SH0664-008



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

PROJECT:	Stratford Dewatering	LOADING RATE:	0.0400 in./min
PROJECT No.:	SH0664 (8 Day)	TRACKING CODE:	B889_US
SAMPLE No.:	SH0664-008		
TESTING DATE:	18-Jan-18		
TESTED BY:	EM		

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	77.5 %
BULK UNIT WEIGHT	94.8 lb/ft ³
DRY UNIT WEIGHT	53.4 lb/ft ³
UCS *	35.8 lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

MOISTURE CONTENT DETERMINATION

REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664 (8 Day)
SAMPLE No.: SH0664-009
TESTING DATE: 1-18-18
TESTED BY: EM/LCJ
TRACKING CODE: B890_MC2

MOISTURE CONTENT (Dry & Wet Basis)	
1. MOISTURE TIN NO.	9
2. WT MOISTURE TIN (tare weight)	77.53 g
3. WT WET SOIL + TARE	116.64 g
4. WT DRY SOIL + TARE	100.26 g
5. WT WATER, Ww	16.38 g
6. WT DRY SOIL, Ws	22.73 g
7. ASTM MOISTURE CONTENT, W	72.06 %
8. PERCENT SOLIDS	58.12 %

UNCONFINED COMPRESSION TEST

ASTM D 2166

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664 (8 Day)
 SAMPLE No.: SH0664-009
 TESTING DATE: 18-Jan-18
 TESTED BY: EM/LCJ

LOADING RATE: 0.0400 in./min
 TRACKING CODE: B890_US

MOISTURE CONTENT (Dry Basis)	
1. MOISTURE TIN NO.	9
2. WT MOISTURE TIN (tare weight)	77.53 g
3. WT WET SOIL + TARE	116.64 g
4. WT DRY SOIL + TARE	100.26 g
5. WT WATER, W _w	16.38 g
6. WT DRY SOIL, W _s	22.73 g
7. MOISTURE CONTENT, W	72.06 %

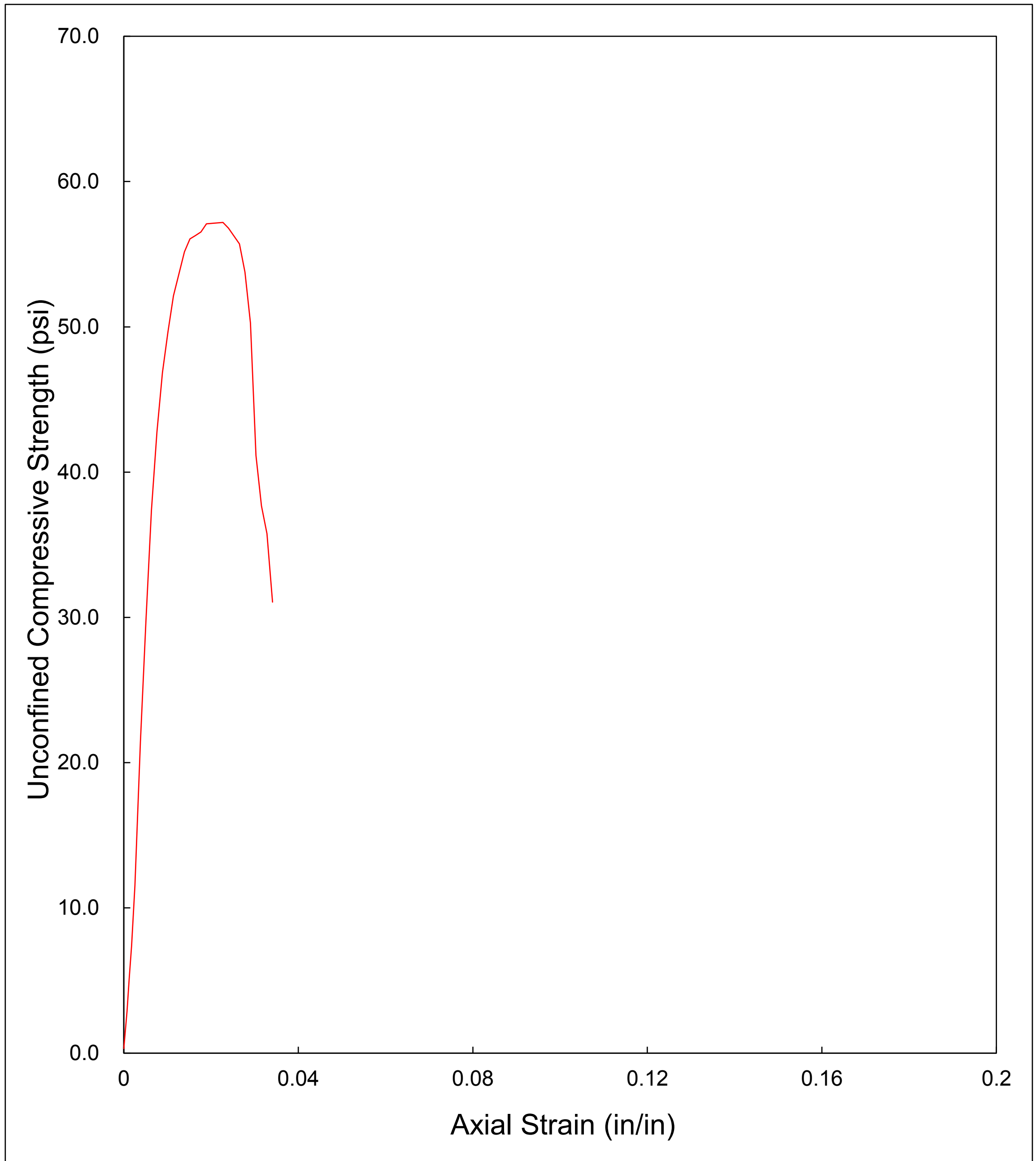
SOIL SPECIMEN DIMENSIONS		
	DIAMETER	LENGTH
No. 1	1.99 in.	3.96 in.
No. 2	1.99 in.	3.96 in.
No. 3	1.99 in.	3.96 in.
Average	1.99 in.	3.96 in.

SPECIMEN CONDITIONS	
<i>Initial Specimen WT, W_o</i>	308.44 g
Initial Area, A _o	3.11 in ²
Initial Volume, V _o	12.32 in ³
Initial Bulk Unit Weight,	95.4 lb/ft ³
Initial Dry Unit Weight	55.4 lb/ft ³
15 % Strain (0.15 L _o)	0.59 in.
UCS	57.2 lb/in ²

COMPRESSIVE LOAD (lbs.)	DIAL GAGE READING (in.)	SPECIMEN DEFORMATION (in.)	CORRECTED AREA (in ²)	AXIAL STRAIN (in/in)	UNCONFINED COMPRESSIVE STRENGTH (lb/in ²)
1	0.000	0.000	3.110	0.0000	0.3
9	0.003	0.003	3.113	0.0008	2.9
16	0.005	0.005	3.114	0.0013	5.1
23	0.007	0.007	3.116	0.0018	7.4
36	0.010	0.010	3.118	0.0025	11.5
67	0.015	0.015	3.122	0.0038	21.5
93	0.020	0.020	3.126	0.0051	29.8
117	0.025	0.025	3.130	0.0063	37.4
134	0.030	0.030	3.134	0.0076	42.8
147	0.035	0.035	3.138	0.0088	46.8
156	0.040	0.040	3.142	0.0101	49.7
164	0.045	0.045	3.146	0.0114	52.1
169	0.050	0.050	3.150	0.0126	53.7
174	0.055	0.055	3.154	0.0139	55.2
177	0.060	0.060	3.158	0.0152	56.0
178	0.065	0.065	3.162	0.0164	56.3
179	0.070	0.070	3.166	0.0177	56.5
181	0.075	0.075	3.170	0.0189	57.1
182	0.090	0.090	3.183	0.0227	57.2
181	0.095	0.095	3.187	0.0240	56.8
178	0.105	0.105	3.195	0.0265	55.7
172	0.110	0.110	3.199	0.0278	53.8
161	0.115	0.115	3.203	0.0290	50.3
132	0.120	0.120	3.207	0.0303	41.2
121	0.125	0.125	3.212	0.0316	37.7
115	0.130	0.130	3.216	0.0328	35.8
100	0.135	0.135	3.220	0.0341	31.1

UNCONFINED COMPRESSION TESTING

Sample No. SH0664-009



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

PROJECT:	Stratford Dewatering	LOADING RATE:	0.0400 in./min
PROJECT No.:	SH0664 (8 Day)	TRACKING CODE:	B890_US
SAMPLE No.:	SH0664-009		
TESTING DATE:	18-Jan-18		
TESTED BY:	EM/LCJ		

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	72.1 %
BULK UNIT WEIGHT	95.4 lb/ft ³
DRY UNIT WEIGHT	55.4 lb/ft ³
UCS *	57.2 lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

MOISTURE CONTENT DETERMINATION

REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664 (8 Day)
SAMPLE No.: SH0664-010
TESTING DATE: 1-18-18
TESTED BY: LCJ/EM
TRACKING CODE: B891_MC2

MOISTURE CONTENT (Dry & Wet Basis)	
1. MOISTURE TIN NO.	10
2. WT MOISTURE TIN (tare weight)	76.46 g
3. WT WET SOIL + TARE	109.10 g
4. WT DRY SOIL + TARE	94.46 g
5. WT WATER, Ww	14.64 g
6. WT DRY SOIL, Ws	18.00 g
7. ASTM MOISTURE CONTENT, W	81.33 %
8. PERCENT SOLIDS	55.15 %

UNCONFINED COMPRESSION TEST

ASTM D 2166

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664 (8 Day)
 SAMPLE No.: SH0664-010
 TESTING DATE: 18-Jan-18
 TESTED BY: LCJ/EM

LOADING RATE: 0.0400 in./min
 TRACKING CODE: B891_US

MOISTURE CONTENT (Dry Basis)	
1. MOISTURE TIN NO.	10
2. WT MOISTURE TIN (tare weight)	76.46 g
3. WT WET SOIL + TARE	109.10 g
4. WT DRY SOIL + TARE	94.46 g
5. WT WATER, W _w	14.64 g
6. WT DRY SOIL, W _s	18.00 g
7. MOISTURE CONTENT, W	81.33 %

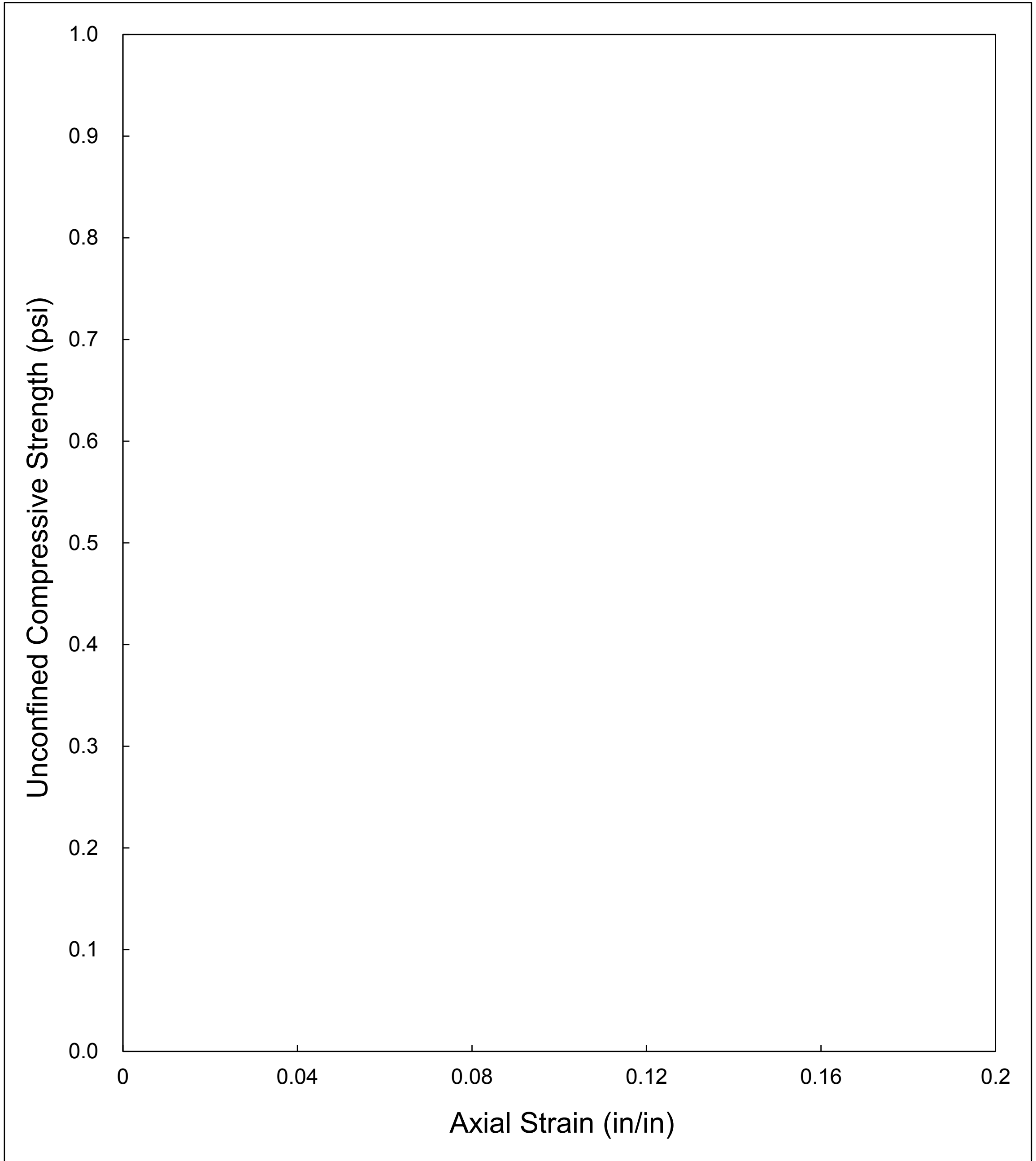
SOIL SPECIMEN DIMENSIONS		
	DIAMETER	LENGTH
No. 1	in.	in.
No. 2	in.	in.
No. 3	in.	in.
Average	0.00 in.	0.00 in.

SPECIMEN CONDITIONS	
Initial Specimen WT, W _o	g
Initial Area, A _o	0.00 in ²
Initial Volume, V _o	0.00 in ³
Initial Bulk Unit Weight,	#DIV/0! lb/ft ³
Initial Dry Unit Weight	#DIV/0! lb/ft ³
15 % Strain (0.15 L _o)	0.00 in.
UCS	#DIV/0! lb/in ²

COMPRESSIVE LOAD (lbs.)	DIAL GAGE READING (in.)	SPECIMEN DEFORMATION (in.)	CORRECTED AREA (in ²)	AXIAL STRAIN (in/in)	UNCONFINED COMPRESSIVE STRENGTH (lb/in ²)
	0.000	0.000	#DIV/0!	#DIV/0!	#DIV/0!
	0.003	0.003	#DIV/0!	#DIV/0!	#DIV/0!
	0.005	0.005	#DIV/0!	#DIV/0!	#DIV/0!
	0.007	0.007	#DIV/0!	#DIV/0!	#DIV/0!
	0.010	0.010	#DIV/0!	#DIV/0!	#DIV/0!
	0.015	0.015	#DIV/0!	#DIV/0!	#DIV/0!
	0.020	0.020	#DIV/0!	#DIV/0!	#DIV/0!
	0.025	0.025	#DIV/0!	#DIV/0!	#DIV/0!
	0.030	0.030	#DIV/0!	#DIV/0!	#DIV/0!
	0.035	0.035	#DIV/0!	#DIV/0!	#DIV/0!
	0.040	0.040	#DIV/0!	#DIV/0!	#DIV/0!
	0.045	0.045	#DIV/0!	#DIV/0!	#DIV/0!
	0.050	0.050	#DIV/0!	#DIV/0!	#DIV/0!
	0.055	0.055	#DIV/0!	#DIV/0!	#DIV/0!
	0.060	0.060	#DIV/0!	#DIV/0!	#DIV/0!
	0.065	0.065	#DIV/0!	#DIV/0!	#DIV/0!
	0.070	0.070	#DIV/0!	#DIV/0!	#DIV/0!
	0.075	0.075	#DIV/0!	#DIV/0!	#DIV/0!
	0.080	0.080	#DIV/0!	#DIV/0!	#DIV/0!
	0.085	0.085	#DIV/0!	#DIV/0!	#DIV/0!
	0.090	0.090	#DIV/0!	#DIV/0!	#DIV/0!
	0.095	0.095	#DIV/0!	#DIV/0!	#DIV/0!
	0.100	0.100	#DIV/0!	#DIV/0!	#DIV/0!
	0.105	0.105	#DIV/0!	#DIV/0!	#DIV/0!
	0.110	0.110	#DIV/0!	#DIV/0!	#DIV/0!
	0.115	0.115	#DIV/0!	#DIV/0!	#DIV/0!
	0.120	0.120	#DIV/0!	#DIV/0!	#DIV/0!
		0.000	#DIV/0!	#DIV/0!	#DIV/0!
		0.000	#DIV/0!	#DIV/0!	#DIV/0!
		0.000	#DIV/0!	#DIV/0!	#DIV/0!
		0.000	#DIV/0!	#DIV/0!	#DIV/0!

UNCONFINED COMPRESSION TESTING

Sample No. SH0664-010



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

PROJECT:	Stratford Dewatering	LOADING RATE:	0.0400 in./min
PROJECT No.:	SH0664 (8 Day)	TRACKING CODE:	B891_US
SAMPLE No.:	SH0664-010		
TESTING DATE:	18-Jan-18		
TESTED BY:	LCJ/EM		

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	81.3 %
BULK UNIT WEIGHT	#DIV/0! lb/ft ³
DRY UNIT WEIGHT	#DIV/0! lb/ft ³
UCS *	#DIV/0! lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

MOISTURE CONTENT DETERMINATION

REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664 (8 Day)
SAMPLE No.: SH0664-011
TESTING DATE: 1-18-18
TESTED BY: LCJ/EM
TRACKING CODE: B892_MC2

MOISTURE CONTENT (Dry & Wet Basis)	
1. MOISTURE TIN NO.	11
2. WT MOISTURE TIN (tare weight)	77.53 g
3. WT WET SOIL + TARE	106.25 g
4. WT DRY SOIL + TARE	94.12 g
5. WT WATER, Ww	12.13 g
6. WT DRY SOIL, Ws	16.59 g
7. ASTM MOISTURE CONTENT, W	73.12 %
8. PERCENT SOLIDS	57.76 %

UNCONFINED COMPRESSION TEST

ASTM D 2166

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664 (8 Day)
 SAMPLE No.: SH0664-011
 TESTING DATE: 18-Jan-18
 TESTED BY: EM/LCJ

LOADING RATE: 0.0400 in./min
 TRACKING CODE: B892_US

MOISTURE CONTENT (Dry Basis)	
1. MOISTURE TIN NO.	11
2. WT MOISTURE TIN (tare weight)	77.53 g
3. WT WET SOIL + TARE	106.25 g
4. WT DRY SOIL + TARE	94.12 g
5. WT WATER, W _w	12.13 g
6. WT DRY SOIL, W _s	16.59 g
7. MOISTURE CONTENT, W	73.12 %

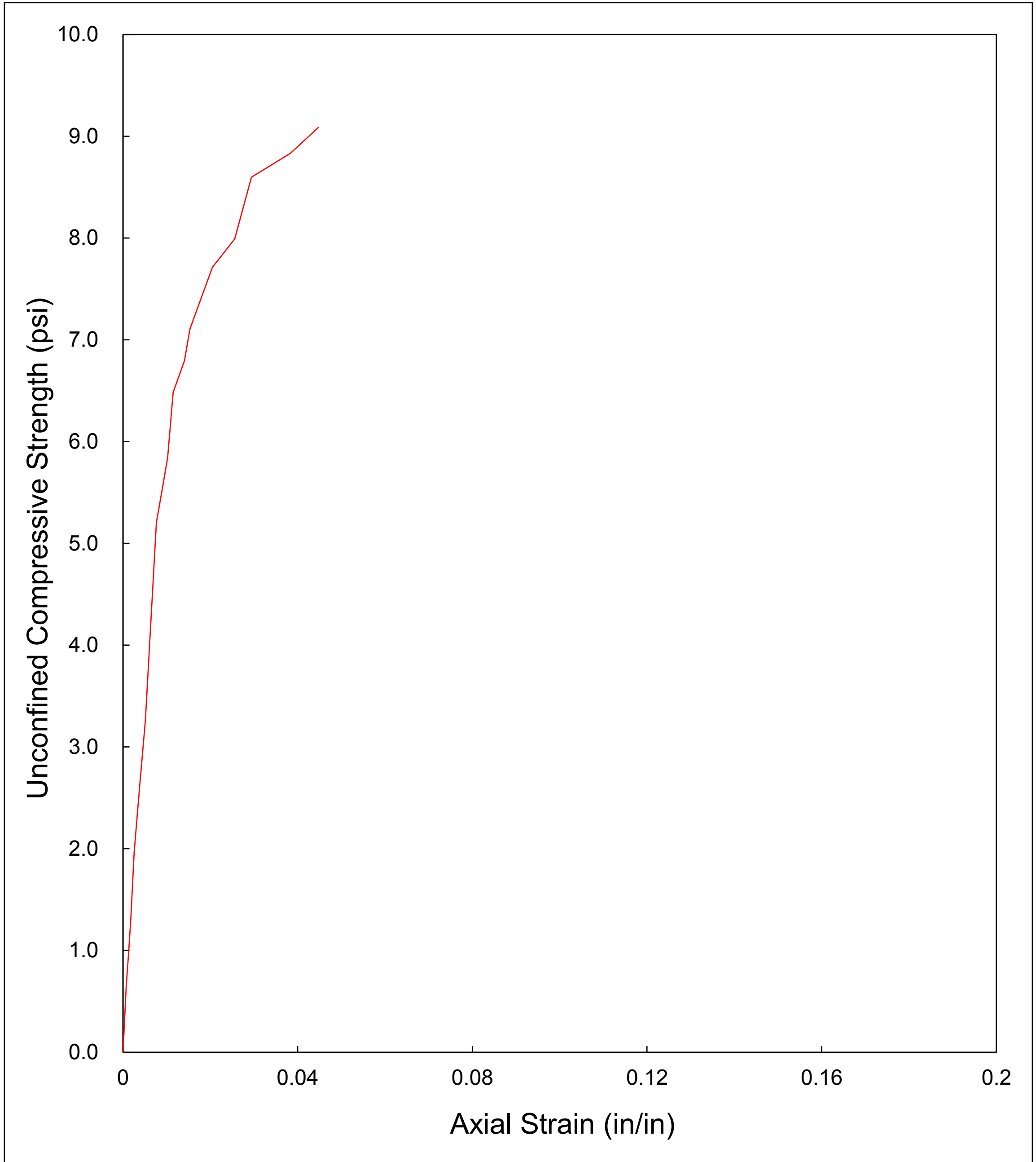
SOIL SPECIMEN DIMENSIONS		
	DIAMETER	LENGTH
No. 1	1.97 in.	3.89 in.
No. 2	1.98 in.	3.93 in.
No. 3	1.97 in.	3.90 in.
Average	1.97 in.	3.91 in.

SPECIMEN CONDITIONS	
Initial Specimen WT, W_o	304.59 g
Initial Area, A _o	3.05 in ²
Initial Volume, V _o	11.91 in ³
Initial Bulk Unit Weight,	97.4 lb/ft ³
Initial Dry Unit Weight	56.3 lb/ft ³
15 % Strain (0.15 L _o)	0.59 in.
UCS	9.1 lb/in ²

COMPRESSIVE LOAD (lbs.)	DIAL GAGE READING (in.)	SPECIMEN DEFORMATION (in.)	CORRECTED AREA (in ²)	AXIAL STRAIN (in/in)	UNCONFINED COMPRESSIVE STRENGTH (lb/in ²)
	0.000	0.000	3.048	0.0000	0.0
2	0.003	0.003	3.050	0.0008	0.7
3	0.005	0.005	3.052	0.0013	1.0
4	0.007	0.007	3.054	0.0018	1.3
6	0.010	0.010	3.056	0.0026	2.0
8	0.015	0.015	3.060	0.0038	2.6
10	0.020	0.020	3.064	0.0051	3.3
13	0.025	0.025	3.068	0.0064	4.2
16	0.030	0.030	3.072	0.0077	5.2
17	0.035	0.035	3.076	0.0090	5.5
18	0.040	0.040	3.080	0.0102	5.8
20	0.045	0.045	3.084	0.0115	6.5
21	0.055	0.055	3.092	0.0141	6.8
22	0.060	0.060	3.096	0.0153	7.1
23	0.070	0.070	3.104	0.0179	7.4
24	0.080	0.080	3.112	0.0205	7.7
25	0.100	0.100	3.128	0.0256	8.0
27	0.115	0.115	3.140	0.0294	8.6
28	0.150	0.150	3.170	0.0384	8.8
29	0.175	0.175	3.191	0.0448	9.1

UNCONFINED COMPRESSION TESTING

Sample No. SH0664-011



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

PROJECT:	Stratford Dewatering	LOADING RATE:	0.0400 in./min
PROJECT No.:	SH0664 (8 Day)	TRACKING CODE:	B892_US
SAMPLE No.:	SH0664-011		
TESTING DATE:	18-Jan-18		
TESTED BY:	EM/LCJ		

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	73.1 %
BULK UNIT WEIGHT	97.4 lb/ft ³
DRY UNIT WEIGHT	56.3 lb/ft ³
UCS *	9.1 lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

MOISTURE CONTENT DETERMINATION

REPORT FORM
ASTM D 2216

PROJECT: Stratford Dewatering
PROJECT No.: SH0664 (8 Day)
SAMPLE No.: SH0664-012
TESTING DATE: 1-18-18
TESTED BY: LCJ/EM
TRACKING CODE: B893_MC2

MOISTURE CONTENT (Dry & Wet Basis)	
1. MOISTURE TIN NO.	12
2. WT MOISTURE TIN (tare weight)	77.53 g
3. WT WET SOIL + TARE	158.76 g
4. WT DRY SOIL + TARE	123.51 g
5. WT WATER, Ww	35.25 g
6. WT DRY SOIL, Ws	45.98 g
7. ASTM MOISTURE CONTENT, W	76.66 %
8. PERCENT SOLIDS	56.60 %

UNCONFINED COMPRESSION TEST

ASTM D 2166

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664 (8 Day)
 SAMPLE No.: SH0664-012
 TESTING DATE: 18-Jan-18
 TESTED BY: LCJ/EM

LOADING RATE: 0.0400 in./min
 TRACKING CODE: B893_US

MOISTURE CONTENT (Dry Basis)	
1. MOISTURE TIN NO.	12
2. WT MOISTURE TIN (tare weight)	77.53 g
3. WT WET SOIL + TARE	158.76 g
4. WT DRY SOIL + TARE	123.51 g
5. WT WATER, W _w	35.25 g
6. WT DRY SOIL, W _s	45.98 g
7. MOISTURE CONTENT, W	76.66 %

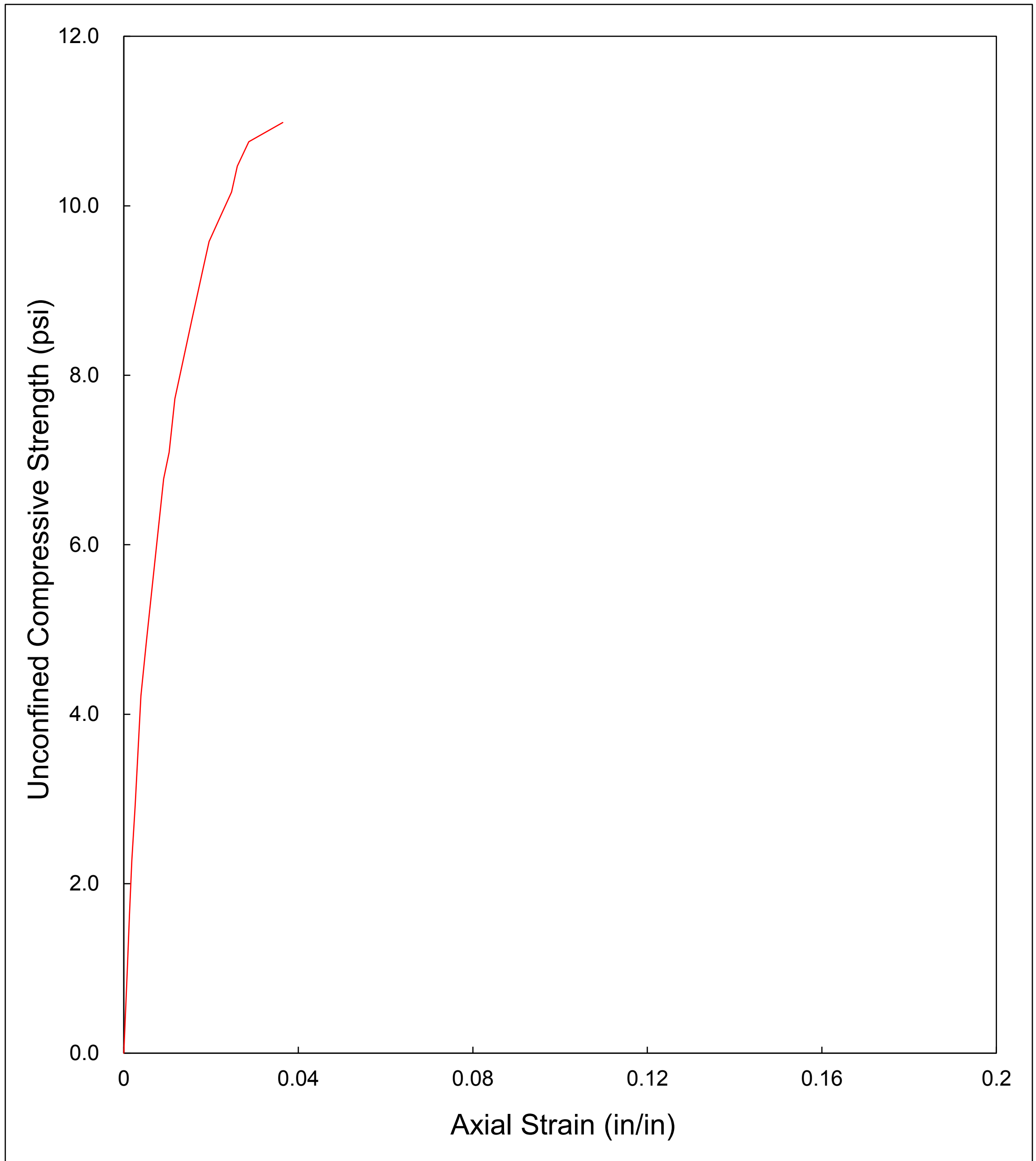
SOIL SPECIMEN DIMENSIONS		
	DIAMETER	LENGTH
No. 1	1.99 in.	3.84 in.
No. 2	1.99 in.	3.86 in.
No. 3	1.95 in.	3.83 in.
Average	1.98 in.	3.84 in.

SPECIMEN CONDITIONS	
Initial Specimen WT, W_o	298.08 g
Initial Area, A _o	3.07 in ²
Initial Volume, V _o	11.80 in ³
Initial Bulk Unit Weight,	96.2 lb/ft ³
Initial Dry Unit Weight	54.5 lb/ft ³
15 % Strain (0.15 L _o)	0.58 in.
UCS	11.0 lb/in ²

COMPRESSIVE LOAD (lbs.)	DIAL GAGE READING (in.)	SPECIMEN DEFORMATION (in.)	CORRECTED AREA (in ²)	AXIAL STRAIN (in/in)	UNCONFINED COMPRESSIVE STRENGTH (lb/in ²)
	0.000	0.000	3.071	0.0000	0.0
3	0.003	0.003	3.073	0.0008	1.0
5	0.005	0.005	3.075	0.0013	1.6
7	0.007	0.007	3.076	0.0018	2.3
9	0.010	0.010	3.079	0.0026	2.9
13	0.015	0.015	3.083	0.0039	4.2
15	0.020	0.020	3.087	0.0052	4.9
17	0.025	0.025	3.091	0.0065	5.5
19	0.030	0.030	3.095	0.0078	6.1
21	0.035	0.035	3.099	0.0091	6.8
22	0.040	0.040	3.103	0.0104	7.1
24	0.045	0.045	3.107	0.0117	7.7
27	0.060	0.060	3.119	0.0156	8.7
28	0.065	0.065	3.124	0.0169	9.0
29	0.070	0.070	3.128	0.0182	9.3
30	0.075	0.075	3.132	0.0195	9.6
31	0.085	0.085	3.140	0.0221	9.9
32	0.095	0.095	3.149	0.0247	10.2
33	0.100	0.100	3.153	0.0260	10.5
34	0.110	0.110	3.161	0.0286	10.8
35	0.140	0.140	3.187	0.0364	11.0

UNCONFINED COMPRESSION TESTING

Sample No. SH0664-012



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

PROJECT:	Stratford Dewatering	LOADING RATE:	0.0400 in./min
PROJECT No.:	SH0664 (8 Day)	TRACKING CODE:	B893_US
SAMPLE No.:	SH0664-012		
TESTING DATE:	18-Jan-18		
TESTED BY:	LCJ/EM		

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	76.7 %
BULK UNIT WEIGHT	96.2 lb/ft ³
DRY UNIT WEIGHT	54.5 lb/ft ³
UCS *	11.0 lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

UNCONFINED COMPRESSION TEST

ASTM D 2166

PROJECT: Stratford Dewatering
 PROJECT No.: SH664
 SAMPLE No.: 664-001 (28 Day)
 TESTING DATE: 7-Feb-18
 TESTED BY: TAJ

LOADING RATE: 0.0400 in./min
 TRACKING CODE: B924_US

MOISTURE CONTENT (Dry Basis)	
1. MOISTURE TIN NO.	
2. WT MOISTURE TIN (tare weight)	48.86 g
3. WT WET SOIL + TARE	83.69 g
4. WT DRY SOIL + TARE	67.07 g
5. WT WATER, Ww	16.62 g
6. WT DRY SOIL, Ws	18.21 g
7. MOISTURE CONTENT, W	91.27 %

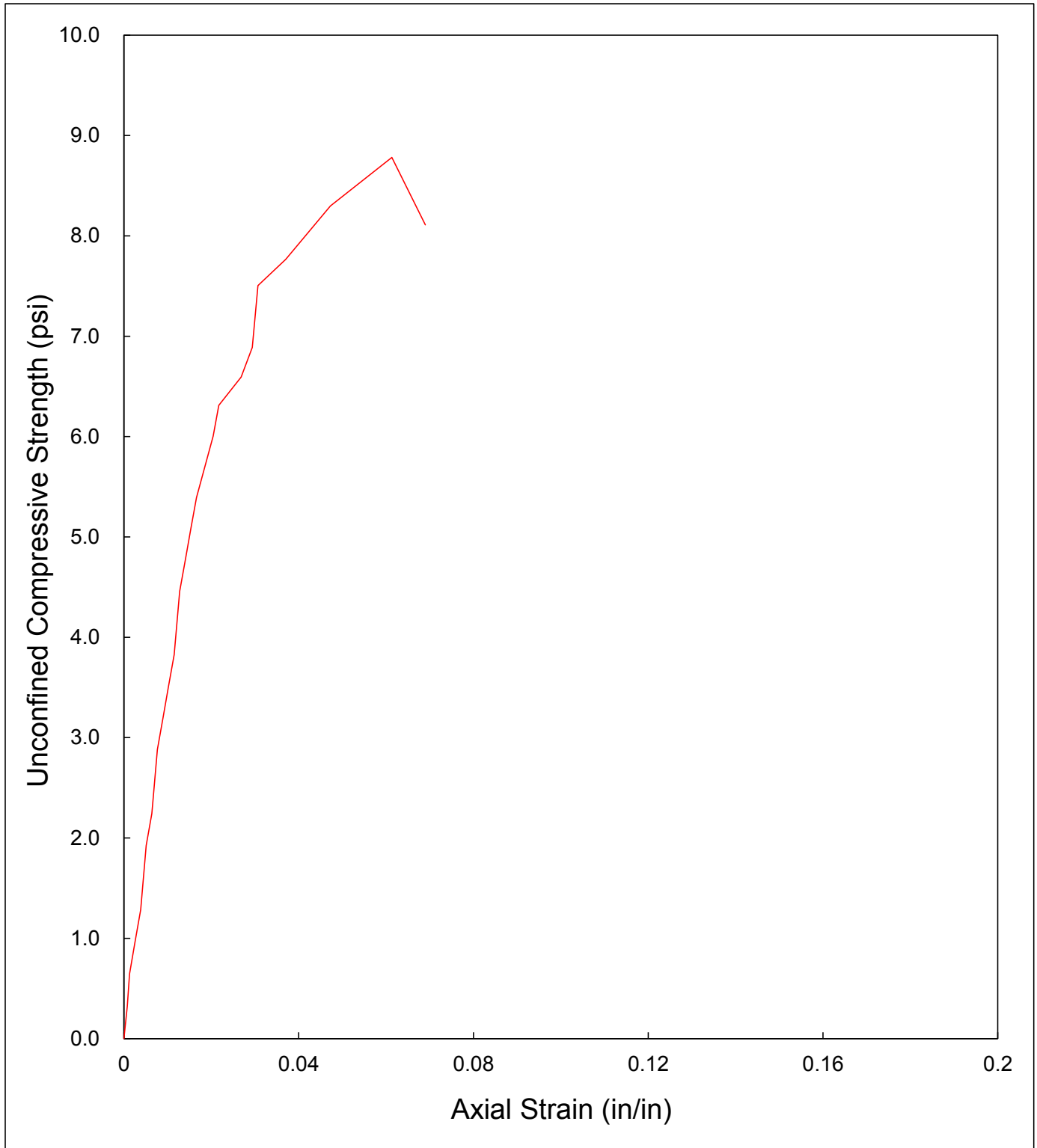
SOIL SPECIMEN DIMENSIONS		
	DIAMETER	LENGTH
No. 1	1.99 in.	3.91 in.
No. 2	1.99 in.	3.91 in.
No. 3	1.98 in.	3.92 in.
Average	1.99 in.	3.91 in.

SPECIMEN CONDITIONS	
Initial Specimen WT, Wo	290.25 g
Initial Area, Ao	3.10 in ²
Initial Volume, Vo	12.13 in ³
Initial Bulk Unit Weight,	91.1 lb/ft ³
Initial Dry Unit Weight	47.7 lb/ft ³
15 % Strain (0.15 Lo)	0.59 in.
UCS	8.8 lb/in ²

COMPRESSIVE LOAD (lbs.)	DIAL GAGE READING (in.)	SPECIMEN DEFORMATION (in.)	CORRECTED AREA (in ²)	AXIAL STRAIN (in/in)	UNCONFINED COMPRESSIVE STRENGTH (lb/in ²)
0	0.000	0.000	3.100	0.0000	0.0
1	0.003	0.003	3.102	0.0008	0.3
2	0.005	0.005	3.104	0.0013	0.6
3	0.010	0.010	3.108	0.0026	1.0
4	0.015	0.015	3.112	0.0038	1.3
6	0.020	0.020	3.116	0.0051	1.9
7	0.025	0.025	3.120	0.0064	2.2
9	0.030	0.030	3.124	0.0077	2.9
10	0.035	0.035	3.128	0.0089	3.2
11	0.040	0.040	3.132	0.0102	3.5
12	0.045	0.045	3.136	0.0115	3.8
14	0.050	0.050	3.140	0.0128	4.5
15	0.055	0.055	3.144	0.0141	4.8
16	0.060	0.060	3.148	0.0153	5.1
17	0.065	0.065	3.152	0.0166	5.4
19	0.080	0.080	3.165	0.0204	6.0
20	0.085	0.085	3.169	0.0217	6.3
21	0.105	0.105	3.185	0.0268	6.6
22	0.115	0.115	3.194	0.0294	6.9
24	0.120	0.120	3.198	0.0307	7.5
25	0.145	0.145	3.219	0.0371	7.8
27	0.185	0.185	3.254	0.0473	8.3
29	0.240	0.240	3.302	0.0613	8.8
27	0.270	0.270	3.330	0.0690	8.1
26	0.290	0.290	3.348	0.0741	7.8
25	0.295	0.295	3.353	0.0754	7.5
24	0.300	0.300	3.357	0.0767	7.1

UNCONFINED COMPRESSION TESTING

Sample No. 664-001 (28 Day)



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

PROJECT: Stratford Dewatering
PROJECT No.: SH664
SAMPLE No.: 664-001 (28 Day)
TESTING DATE: 7-Feb-18 LOADING RATE: 0.0400 in./min
TESTED BY: TAJ TRACKING CODE: B924_US

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	91.3 %
BULK UNIT WEIGHT	91.1 lb/ft ³
DRY UNIT WEIGHT	47.7 lb/ft ³
UCS *	8.8 lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

UNCONFINED COMPRESSION TEST

ASTM D 2166

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664
 SAMPLE No.: 664-002 (28 day)
 TESTING DATE: 7-Feb-18
 TESTED BY: TAJ

LOADING RATE: 0.0400 in./min
 TRACKING CODE: B925_US

MOISTURE CONTENT (Dry Basis)	
1. MOISTURE TIN NO.	
2. WT MOISTURE TIN (tare weight)	48.98 g
3. WT WET SOIL + TARE	74.11 g
4. WT DRY SOIL + TARE	62.54 g
5. WT WATER, W _w	11.57 g
6. WT DRY SOIL, W _s	13.56 g
7. MOISTURE CONTENT, W	85.32 %

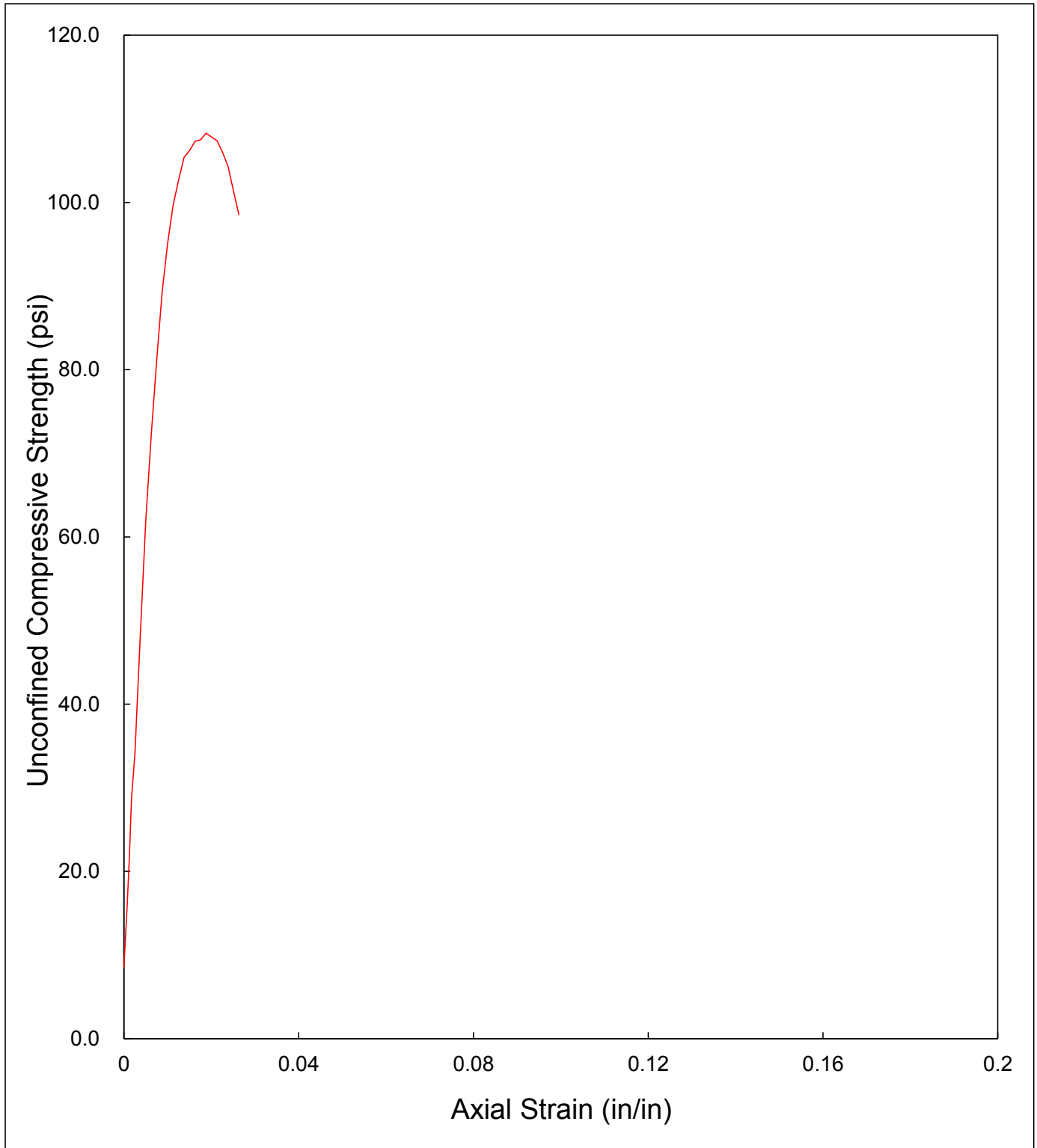
SOIL SPECIMEN DIMENSIONS		
	DIAMETER	LENGTH
No. 1	2.00 in.	4.00 in.
No. 2	2.01 in.	3.98 in.
No. 3	2.01 in.	3.99 in.
Average	2.01 in.	3.99 in.

SPECIMEN CONDITIONS	
Initial Specimen WT, W_o	295.50 g
Initial Area, A _o	3.16 in ²
Initial Volume, V _o	12.62 in ³
Initial Bulk Unit Weight,	89.2 lb/ft ³
Initial Dry Unit Weight	48.1 lb/ft ³
15 % Strain (0.15 L _o)	0.60 in.
UCS	108.3 lb/in ²

COMPRESSIVE LOAD (lbs.)	DIAL GAGE READING (in.)	SPECIMEN DEFORMATION (in.)	CORRECTED AREA (in ²)	AXIAL STRAIN (in/in)	UNCONFINED COMPRESSIVE STRENGTH (lb/in ²)
27	0.000	0.000	3.163	0.0000	8.5
50	0.003	0.003	3.165	0.0008	15.8
69	0.005	0.005	3.167	0.0013	21.8
91	0.007	0.007	3.168	0.0018	28.7
108	0.010	0.010	3.171	0.0025	34.1
153	0.015	0.015	3.175	0.0038	48.2
197	0.020	0.020	3.179	0.0050	62.0
230	0.025	0.025	3.183	0.0063	72.3
259	0.030	0.030	3.187	0.0075	81.3
285	0.035	0.035	3.191	0.0088	89.3
304	0.040	0.040	3.195	0.0100	95.2
319	0.045	0.045	3.199	0.0113	99.7
329	0.050	0.050	3.203	0.0125	102.7
338	0.055	0.055	3.207	0.0138	105.4
341	0.060	0.060	3.211	0.0150	106.2
345	0.065	0.065	3.215	0.0163	107.3
346	0.070	0.070	3.219	0.0175	107.5
349	0.075	0.075	3.223	0.0188	108.3
348	0.080	0.080	3.227	0.0201	107.8
347	0.085	0.085	3.231	0.0213	107.4
343	0.090	0.090	3.236	0.0226	106.0
338	0.095	0.095	3.240	0.0238	104.3
329	0.100	0.100	3.244	0.0251	101.4
320	0.105	0.105	3.248	0.0263	98.5

UNCONFINED COMPRESSION TESTING

Sample No. 664-002 (28 day)



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: 664-002 (28 day)
TESTING DATE: 7-Feb-18 LOADING RATE: 0.0400 in./min
TESTED BY: TAJ TRACKING CODE: B925_US

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	85.3 %
BULK UNIT WEIGHT	89.2 lb/ft ³
DRY UNIT WEIGHT	48.1 lb/ft ³
UCS *	108.3 lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

UNCONFINED COMPRESSION TEST

ASTM D 2166

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664
 SAMPLE No.: 664-003 (28 day)
 TESTING DATE: 7-Feb-18
 TESTED BY: TAJ

LOADING RATE: 0.0400 in./min
 TRACKING CODE: B926_US

MOISTURE CONTENT (Dry Basis)	
1. MOISTURE TIN NO.	
2. WT MOISTURE TIN (tare weight)	50.99 g
3. WT WET SOIL + TARE	80.89 g
4. WT DRY SOIL + TARE	67.53 g
5. WT WATER, Ww	13.36 g
6. WT DRY SOIL, Ws	16.54 g
7. MOISTURE CONTENT, W	80.77 %

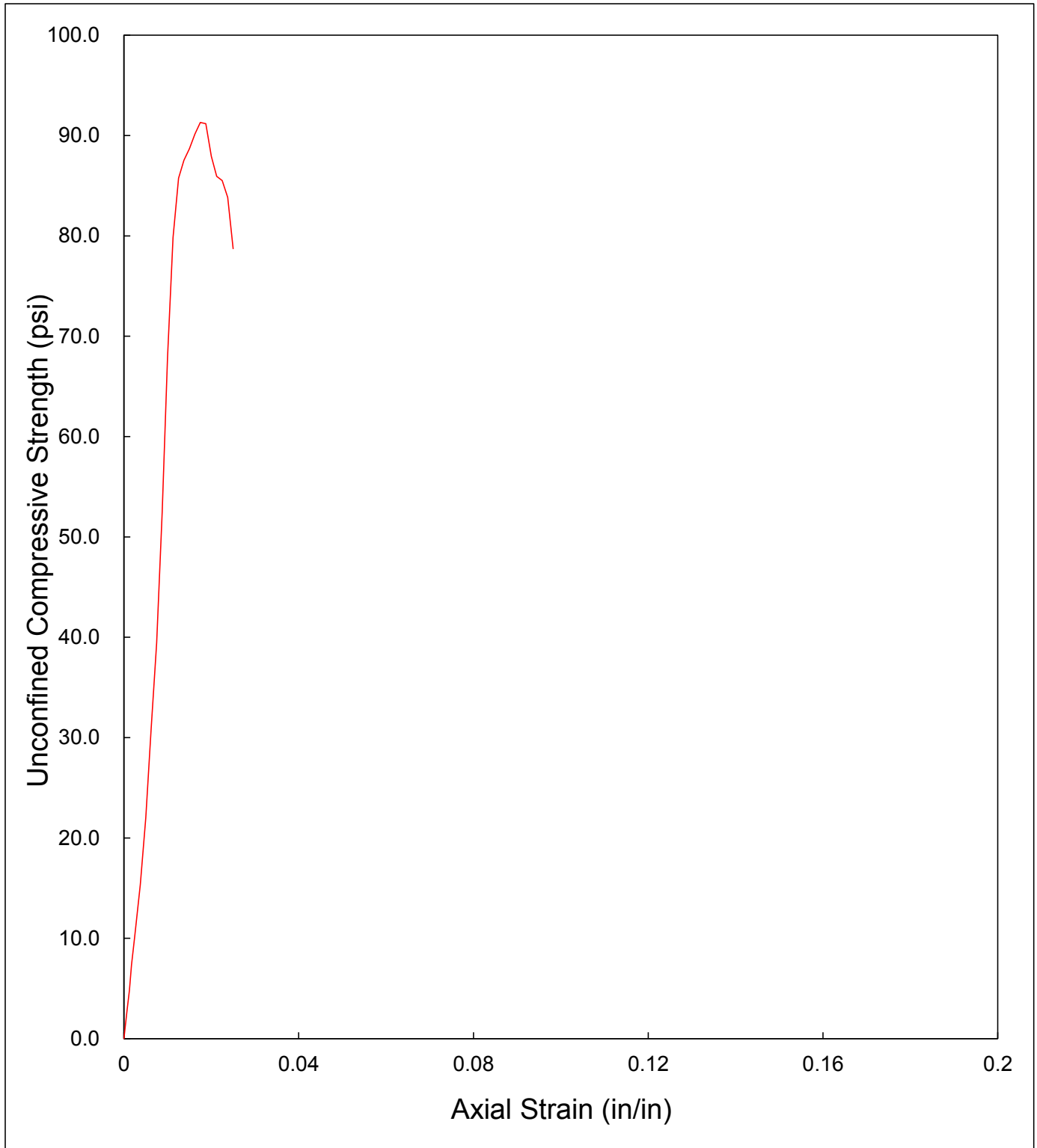
SOIL SPECIMEN DIMENSIONS		
	DIAMETER	LENGTH
No. 1	1.99 in.	4.00 in.
No. 2	2.00 in.	4.01 in.
No. 3	1.99 in.	3.99 in.
Average	1.99 in.	4.00 in.

SPECIMEN CONDITIONS	
Initial Specimen WT, Wo	293.57 g
Initial Area, Ao	3.12 in ²
Initial Volume, Vo	12.48 in ³
Initial Bulk Unit Weight,	89.6 lb/ft ³
Initial Dry Unit Weight	49.6 lb/ft ³
15 % Strain (0.15 Lo)	0.60 in.
UCS	91.3 lb/in ²

COMPRESSIVE LOAD (lbs.)	DIAL GAGE READING (in.)	SPECIMEN DEFORMATION (in.)	CORRECTED AREA (in ²)	AXIAL STRAIN (in/in)	UNCONFINED COMPRESSIVE STRENGTH (lb/in ²)
0	0.000	0.000	3.121	0.0000	0.0
9	0.003	0.003	3.123	0.0008	2.9
15	0.005	0.005	3.125	0.0013	4.8
23	0.007	0.007	3.126	0.0018	7.4
32	0.010	0.010	3.129	0.0025	10.2
48	0.015	0.015	3.132	0.0038	15.3
69	0.020	0.020	3.136	0.0050	22.0
97	0.025	0.025	3.140	0.0063	30.9
124	0.030	0.030	3.144	0.0075	39.4
165	0.035	0.035	3.148	0.0088	52.4
214	0.040	0.040	3.152	0.0100	67.9
252	0.045	0.045	3.156	0.0113	79.8
271	0.050	0.050	3.160	0.0125	85.8
277	0.055	0.055	3.164	0.0138	87.5
281	0.060	0.060	3.168	0.0150	88.7
286	0.065	0.065	3.172	0.0163	90.2
290	0.070	0.070	3.176	0.0175	91.3
290	0.075	0.075	3.180	0.0188	91.2
280	0.080	0.080	3.184	0.0200	87.9
274	0.085	0.085	3.188	0.0213	85.9
273	0.090	0.090	3.193	0.0225	85.5
268	0.095	0.095	3.197	0.0238	83.8
252	0.100	0.100	3.201	0.0250	78.7

UNCONFINED COMPRESSION TESTING

Sample No. 664-003 (28 day)



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: 664-003 (28 day)
TESTING DATE: 7-Feb-18 LOADING RATE: 0.0400 in./min
TESTED BY: TAJ TRACKING CODE: B926_US

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	80.8 %
BULK UNIT WEIGHT	89.6 lb/ft ³
DRY UNIT WEIGHT	49.6 lb/ft ³
UCS *	91.3 lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

UNCONFINED COMPRESSION TEST

ASTM D 2166

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664
 SAMPLE No.: 664-004 (28 day)
 TESTING DATE: 7-Feb-18
 TESTED BY: TAJ

LOADING RATE: 0.0400 in./min
 TRACKING CODE: B927_US

MOISTURE CONTENT (Dry Basis)	
1. MOISTURE TIN NO.	
2. WT MOISTURE TIN (tare weight)	50.04 g
3. WT WET SOIL + TARE	100.96 g
4. WT DRY SOIL + TARE	76.18 g
5. WT WATER, W _w	24.78 g
6. WT DRY SOIL, W _s	26.14 g
7. MOISTURE CONTENT, W	94.80 %

SOIL SPECIMEN DIMENSIONS		
	DIAMETER	LENGTH
No. 1	1.99 in.	4.00 in.
No. 2	2.00 in.	4.01 in.
No. 3	2.00 in.	3.99 in.
Average	2.00 in.	4.00 in.

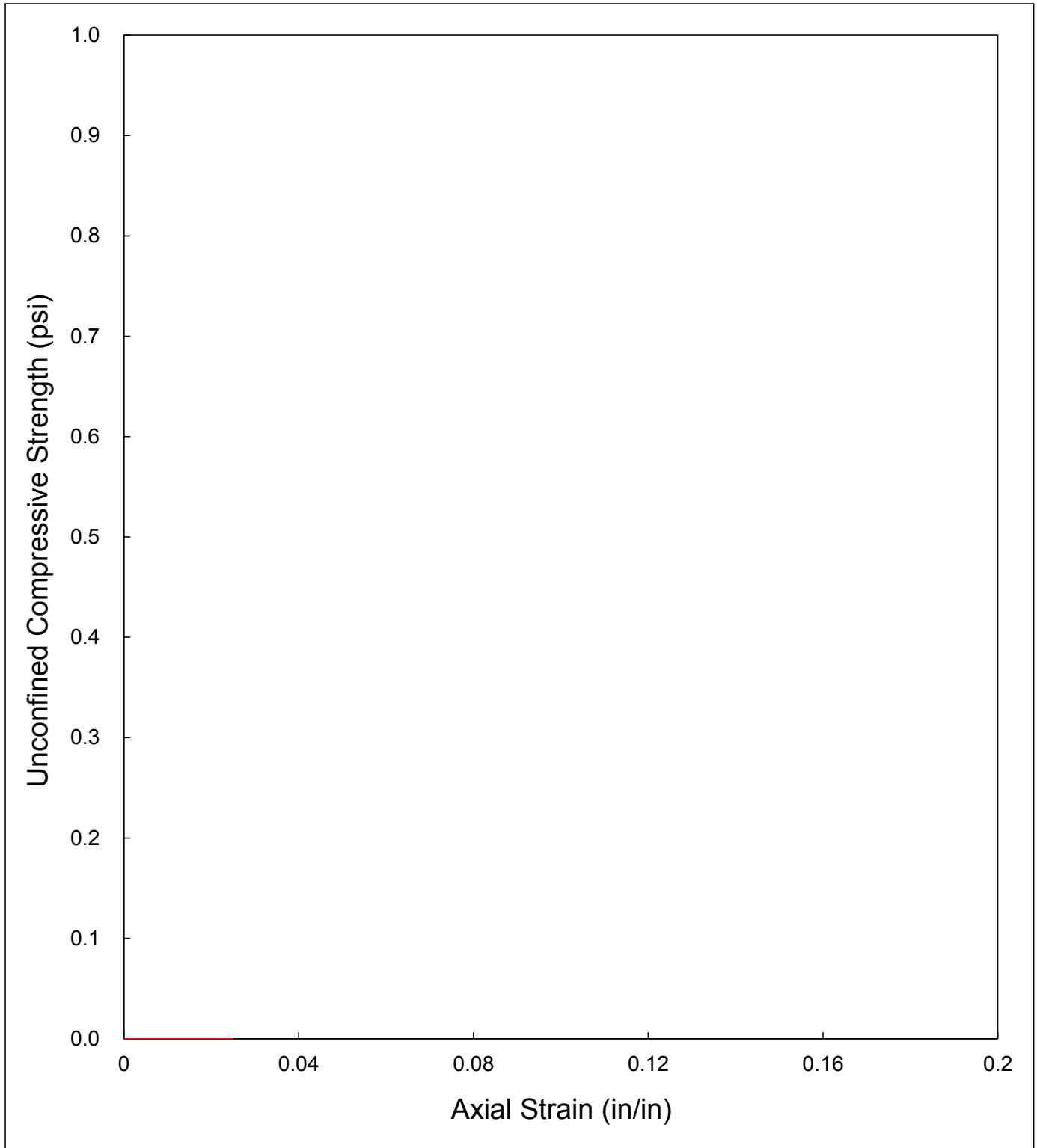
Note: Soft, no strength
 Fails under its own weight

SPECIMEN CONDITIONS	
Initial Specimen WT, W_o	290.84 g
Initial Area, A _o	3.13 in ²
Initial Volume, V _o	12.52 in ³
Initial Bulk Unit Weight,	88.5 lb/ft ³
Initial Dry Unit Weight	45.4 lb/ft ³
15 % Strain (0.15 L _o)	0.60 in.
UCS	0.0 lb/in ²

COMPRESSIVE LOAD (lbs.)	DIAL GAGE READING (in.)	SPECIMEN DEFORMATION (in.)	CORRECTED AREA (in ²)	AXIAL STRAIN (in/in)	UNCONFINED COMPRESSIVE STRENGTH (lb/in ²)
	0.000	0.000	3.131	0.0000	0.0
	0.003	0.003	3.133	0.0008	0.0
	0.005	0.005	3.135	0.0013	0.0
	0.007	0.007	3.137	0.0018	0.0
	0.010	0.010	3.139	0.0025	0.0
	0.015	0.015	3.143	0.0038	0.0
	0.020	0.020	3.147	0.0050	0.0
	0.025	0.025	3.151	0.0063	0.0
	0.030	0.030	3.155	0.0075	0.0
	0.035	0.035	3.159	0.0088	0.0
	0.040	0.040	3.163	0.0100	0.0
	0.045	0.045	3.167	0.0113	0.0
	0.050	0.050	3.171	0.0125	0.0
	0.055	0.055	3.175	0.0138	0.0
	0.060	0.060	3.179	0.0150	0.0
	0.065	0.065	3.183	0.0163	0.0
	0.070	0.070	3.187	0.0175	0.0
	0.075	0.075	3.191	0.0188	0.0
	0.080	0.080	3.195	0.0200	0.0
	0.085	0.085	3.199	0.0213	0.0
	0.090	0.090	3.203	0.0225	0.0
	0.095	0.095	3.207	0.0238	0.0
	0.100	0.100	3.211	0.0250	0.0

UNCONFINED COMPRESSION TESTING

Sample No. 664-004 (28 day)



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: 664-004 (28 day)
TESTING DATE: 7-Feb-18 LOADING RATE: 0.0400 in./min
TESTED BY: TAJ TRACKING CODE: B927_US

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	94.8 %
BULK UNIT WEIGHT	88.5 lb/ft ³
DRY UNIT WEIGHT	45.4 lb/ft ³
UCS *	0.0 lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

UNCONFINED COMPRESSION TEST

ASTM D 2166

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664
 SAMPLE No.: 664-005 (28 day)
 TESTING DATE: 7-Feb-18
 TESTED BY: TAJ

LOADING RATE: 0.0400 in./min
 TRACKING CODE: B928_US

MOISTURE CONTENT (Dry Basis)	
1. MOISTURE TIN NO.	
2. WT MOISTURE TIN (tare weight)	49.77 g
3. WT WET SOIL + TARE	91.90 g
4. WT DRY SOIL + TARE	72.52 g
5. WT WATER, Ww	19.38 g
6. WT DRY SOIL, Ws	22.75 g
7. MOISTURE CONTENT, W	85.19 %

SOIL SPECIMEN DIMENSIONS		
	DIAMETER	LENGTH
No. 1	1.99 in.	3.96 in.
No. 2	1.99 in.	3.97 in.
No. 3	2.00 in.	3.95 in.
Average	1.99 in.	3.96 in.

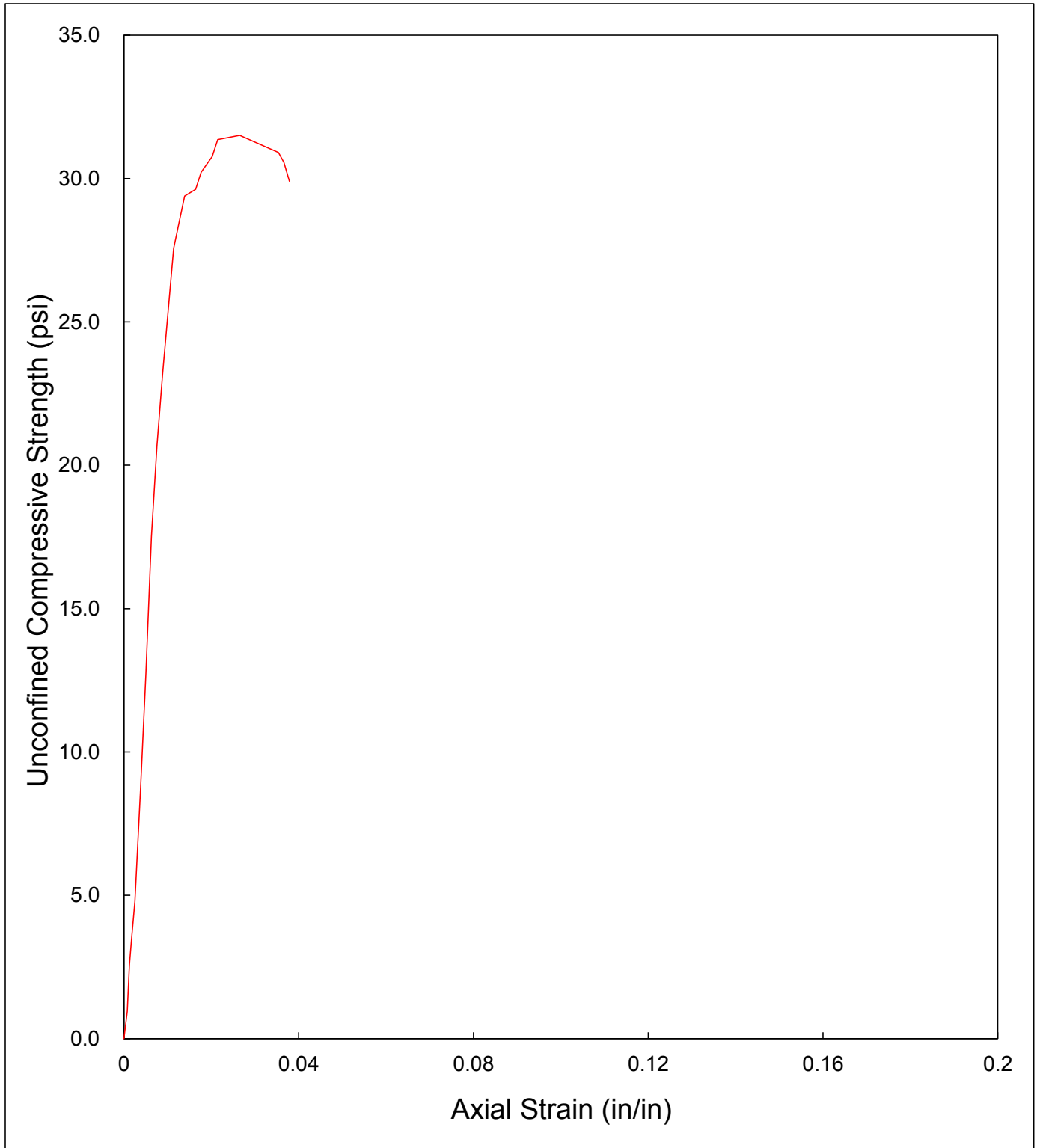
SPECIMEN CONDITIONS	
Initial Specimen WT, Wo	298.66 g
Initial Area, Ao	3.12 in ²
Initial Volume, Vo	12.36 in ³
Initial Bulk Unit Weight,	92.1 lb/ft ³
Initial Dry Unit Weight	49.7 lb/ft ³
15 % Strain (0.15 Lo)	0.59 in.
UCS	31.5 lb/in ²

Note:

COMPRESSIVE LOAD (lbs.)	DIAL GAGE READING (in.)	SPECIMEN DEFORMATION (in.)	CORRECTED AREA (in ²)	AXIAL STRAIN (in/in)	UNCONFINED COMPRESSIVE STRENGTH (lb/in ²)
0	0.000	0.000	3.121	0.0000	0.0
3	0.003	0.003	3.123	0.0008	1.0
8	0.005	0.005	3.125	0.0013	2.6
11	0.007	0.007	3.126	0.0018	3.5
15	0.010	0.010	3.129	0.0025	4.8
27	0.015	0.015	3.133	0.0038	8.6
40	0.020	0.020	3.137	0.0051	12.8
55	0.025	0.025	3.141	0.0063	17.5
65	0.030	0.030	3.145	0.0076	20.7
73	0.035	0.035	3.149	0.0088	23.2
80	0.040	0.040	3.153	0.0101	25.4
87	0.045	0.045	3.157	0.0114	27.6
90	0.050	0.050	3.161	0.0126	28.5
93	0.055	0.055	3.165	0.0139	29.4
94	0.065	0.065	3.173	0.0164	29.6
96	0.070	0.070	3.177	0.0177	30.2
97	0.075	0.075	3.181	0.0189	30.5
98	0.080	0.080	3.185	0.0202	30.8
100	0.085	0.085	3.189	0.0215	31.4
101	0.105	0.105	3.206	0.0265	31.5
100	0.140	0.140	3.235	0.0354	30.9
99	0.145	0.145	3.239	0.0366	30.6
97	0.150	0.150	3.244	0.0379	29.9
94	0.155	0.155	3.248	0.0391	28.9
90	0.160	0.160	3.252	0.0404	27.7
72	0.170	0.170	3.261	0.0429	22.1

UNCONFINED COMPRESSION TESTING

Sample No. 664-005 (28 day)



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: 664-005 (28 day)
TESTING DATE: 7-Feb-18 LOADING RATE: 0.0400 in./min
TESTED BY: TAJ TRACKING CODE: B928_US

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	85.2 %
BULK UNIT WEIGHT	92.1 lb/ft ³
DRY UNIT WEIGHT	49.7 lb/ft ³
UCS *	31.5 lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

UNCONFINED COMPRESSION TEST

ASTM D 2166

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664
 SAMPLE No.: SH0664-006 (28 day)
 TESTING DATE: 7-Feb-18
 TESTED BY: TAJ

LOADING RATE: 0.0400 in./min
 TRACKING CODE: B929_US

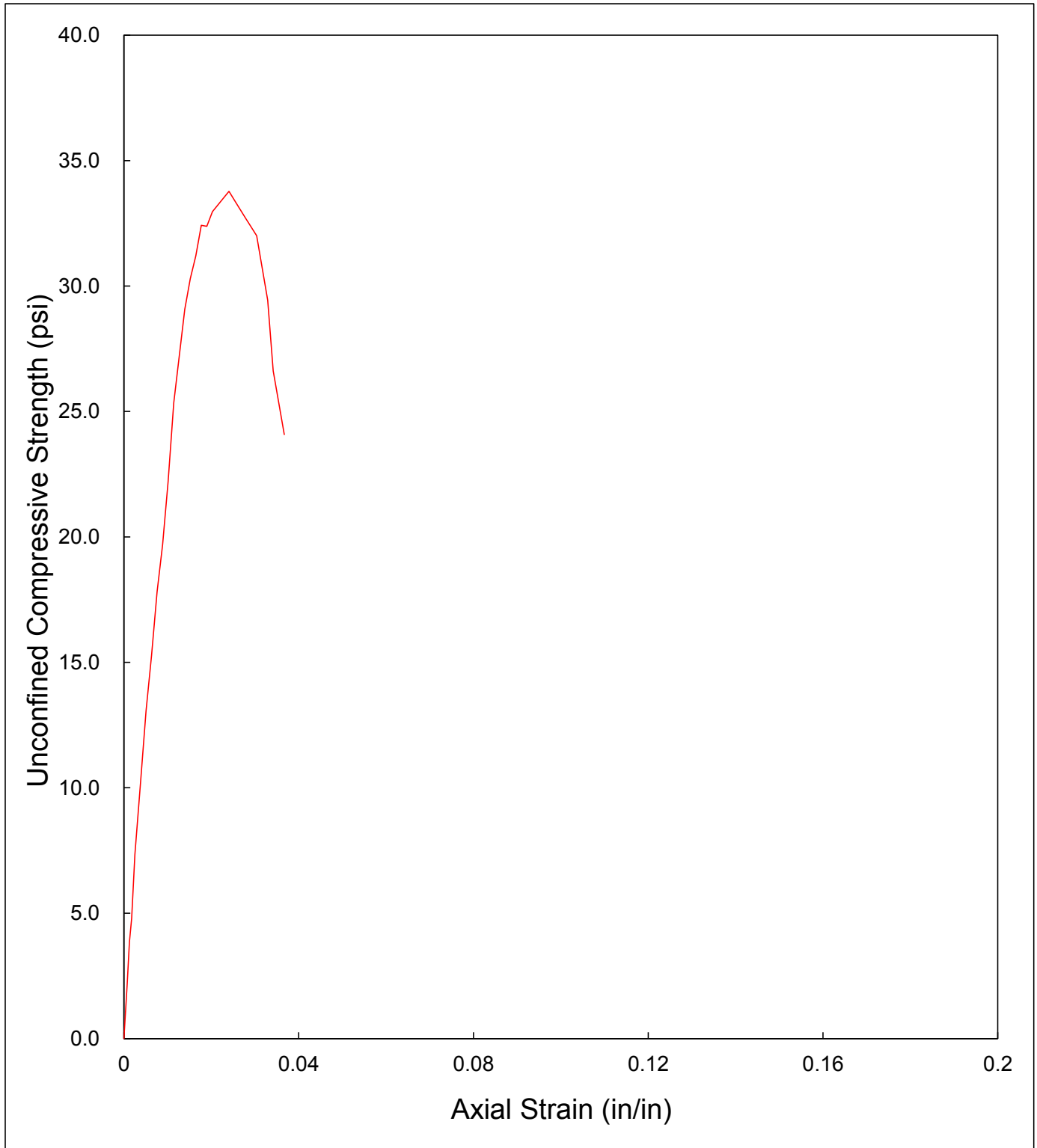
MOISTURE CONTENT (Dry Basis)	
1. MOISTURE TIN NO.	
2. WT MOISTURE TIN (tare weight)	48.46 g
3. WT WET SOIL + TARE	87.49 g
4. WT DRY SOIL + TARE	69.71 g
5. WT WATER, Ww	17.78 g
6. WT DRY SOIL, Ws	21.25 g
7. MOISTURE CONTENT, W	83.67 %

SOIL SPECIMEN DIMENSIONS		
	DIAMETER	LENGTH
No. 1	1.99 in.	3.97 in.
No. 2	1.99 in.	3.94 in.
No. 3	2.00 in.	3.94 in.
Average	1.99 in.	3.95 in.

SPECIMEN CONDITIONS	
Initial Specimen WT, Wo	297.74 g
Initial Area, Ao	3.12 in ²
Initial Volume, Vo	12.33 in ³
Initial Bulk Unit Weight,	92.0 lb/ft ³
Initial Dry Unit Weight	50.1 lb/ft ³
15 % Strain (0.15 Lo)	0.59 in.
UCS	33.8 lb/in ²

COMPRESSIVE LOAD (lbs.)	DIAL GAGE READING (in.)	SPECIMEN DEFORMATION (in.)	CORRECTED AREA (in ²)	AXIAL STRAIN (in/in)	UNCONFINED COMPRESSIVE STRENGTH (lb/in ²)
0	0.000	0.000	3.121	0.0000	0.0
7	0.003	0.003	3.123	0.0008	2.2
12	0.005	0.005	3.125	0.0013	3.8
15	0.007	0.007	3.126	0.0018	4.8
23	0.010	0.010	3.129	0.0025	7.4
32	0.015	0.015	3.133	0.0038	10.2
41	0.020	0.020	3.137	0.0051	13.1
48	0.025	0.025	3.141	0.0063	15.3
56	0.030	0.030	3.145	0.0076	17.8
62	0.035	0.035	3.149	0.0089	19.7
70	0.040	0.040	3.153	0.0101	22.2
80	0.045	0.045	3.157	0.0114	25.3
86	0.050	0.050	3.161	0.0127	27.2
92	0.055	0.055	3.165	0.0139	29.1
96	0.060	0.060	3.169	0.0152	30.3
99	0.065	0.065	3.173	0.0165	31.2
103	0.070	0.070	3.177	0.0177	32.4
103	0.075	0.075	3.181	0.0190	32.4
105	0.080	0.080	3.185	0.0203	33.0
106	0.085	0.085	3.189	0.0215	33.2
107	0.090	0.090	3.193	0.0228	33.5
108	0.095	0.095	3.198	0.0241	33.8
107	0.100	0.100	3.202	0.0253	33.4
106	0.105	0.105	3.206	0.0266	33.1
105	0.110	0.110	3.210	0.0278	32.7
104	0.115	0.115	3.214	0.0291	32.4
103	0.120	0.120	3.218	0.0304	32.0
99	0.125	0.125	3.223	0.0316	30.7
95	0.130	0.130	3.227	0.0329	29.4
86	0.135	0.135	3.231	0.0342	26.6
78	0.145	0.145	3.240	0.0367	24.1

UNCONFINED COMPRESSION TESTING
Sample No. SH0664-006 (28 day)



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: SH0664-006 (28 day)
TESTING DATE: 7-Feb-18 LOADING RATE: 0.0400 in./min
TESTED BY: TAJ TRACKING CODE: B929_US

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	83.7 %
BULK UNIT WEIGHT	92.0 lb/ft ³
DRY UNIT WEIGHT	50.1 lb/ft ³
UCS *	33.8 lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

UNCONFINED COMPRESSION TEST

ASTM D 2166

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664
 SAMPLE No.: SH0664-007 (28 day)
 TESTING DATE: 7-Feb-18
 TESTED BY: TAJ

LOADING RATE: 0.0400 in./min
 TRACKING CODE: B930_US

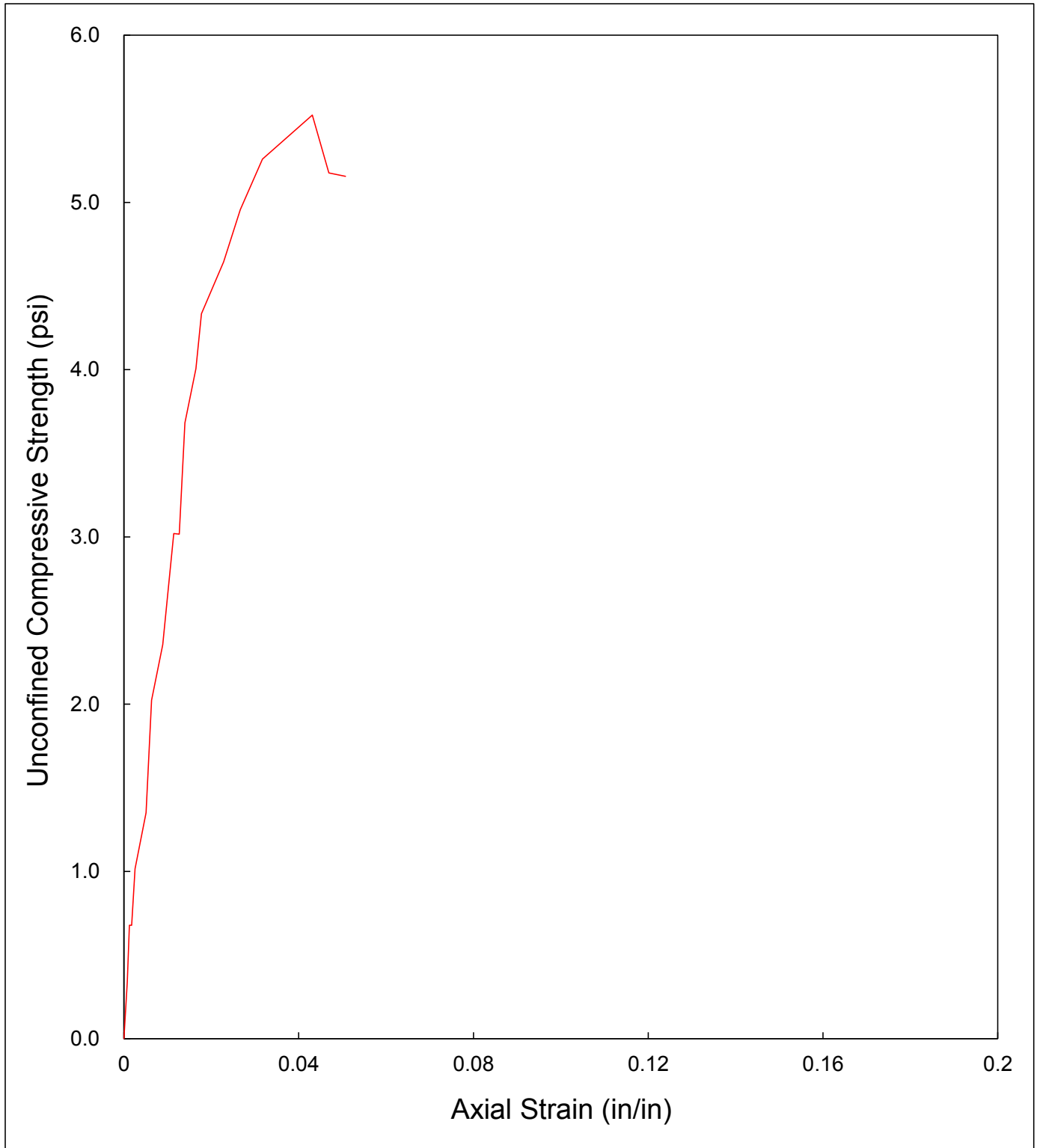
MOISTURE CONTENT (Dry Basis)	
1. MOISTURE TIN NO.	
2. WT MOISTURE TIN (tare weight)	52.75 g
3. WT WET SOIL + TARE	88.90 g
4. WT DRY SOIL + TARE	72.36 g
5. WT WATER, W _w	16.54 g
6. WT DRY SOIL, W _s	19.61 g
7. MOISTURE CONTENT, W	84.34 %

SOIL SPECIMEN DIMENSIONS		
	DIAMETER	LENGTH
No. 1	1.97 in.	3.94 in.
No. 2	1.98 in.	3.93 in.
No. 3	1.86 in.	3.96 in.
Average	1.94 in.	3.94 in.

SPECIMEN CONDITIONS	
Initial Specimen WT, W_o	296.20 g
Initial Area, A _o	2.95 in ²
Initial Volume, V _o	11.62 in ³
Initial Bulk Unit Weight,	97.1 lb/ft ³
Initial Dry Unit Weight	52.7 lb/ft ³
15 % Strain (0.15 L _o)	0.59 in.
UCS	5.5 lb/in ²

COMPRESSIVE LOAD (lbs.)	DIAL GAGE READING (in.)	SPECIMEN DEFORMATION (in.)	CORRECTED AREA (in ²)	AXIAL STRAIN (in/in)	UNCONFINED COMPRESSIVE STRENGTH (lb/in ²)
0	0.000	0.000	2.946	0.0000	0.0
1	0.003	0.003	2.948	0.0008	0.3
2	0.005	0.005	2.950	0.0013	0.7
2	0.007	0.007	2.951	0.0018	0.7
3	0.010	0.010	2.953	0.0025	1.0
4	0.020	0.020	2.961	0.0051	1.4
6	0.025	0.025	2.965	0.0063	2.0
7	0.035	0.035	2.972	0.0089	2.4
8	0.040	0.040	2.976	0.0101	2.7
9	0.045	0.045	2.980	0.0114	3.0
9	0.050	0.050	2.984	0.0127	3.0
11	0.055	0.055	2.987	0.0139	3.7
12	0.065	0.065	2.995	0.0165	4.0
13	0.070	0.070	2.999	0.0178	4.3
14	0.090	0.090	3.015	0.0228	4.6
15	0.105	0.105	3.026	0.0266	5.0
16	0.125	0.125	3.042	0.0317	5.3
17	0.170	0.170	3.078	0.0431	5.5
16	0.185	0.185	3.091	0.0469	5.2
16	0.200	0.200	3.103	0.0507	5.2

UNCONFINED COMPRESSION TESTING
Sample No. SH0664-007 (28 day)



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: SH0664-007 (28 day)
TESTING DATE: 7-Feb-18 LOADING RATE: 0.0400 in./min
TESTED BY: TAJ TRACKING CODE: B930_US

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	84.3 %
BULK UNIT WEIGHT	97.1 lb/ft ³
DRY UNIT WEIGHT	52.7 lb/ft ³
UCS *	5.5 lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

UNCONFINED COMPRESSION TEST

ASTM D 2166

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664
 SAMPLE No.: 0664-008 (28 day)
 TESTING DATE: TAJ
 TESTED BY: TAJ

LOADING RATE: 0.0400 in./min
 TRACKING CODE: B931_US

MOISTURE CONTENT (Dry Basis)	
1. MOISTURE TIN NO.	
2. WT MOISTURE TIN (tare weight)	49.77 g
3. WT WET SOIL + TARE	90.85 g
4. WT DRY SOIL + TARE	72.74 g
5. WT WATER, W _w	18.11 g
6. WT DRY SOIL, W _s	22.97 g
7. MOISTURE CONTENT, W	78.84 %

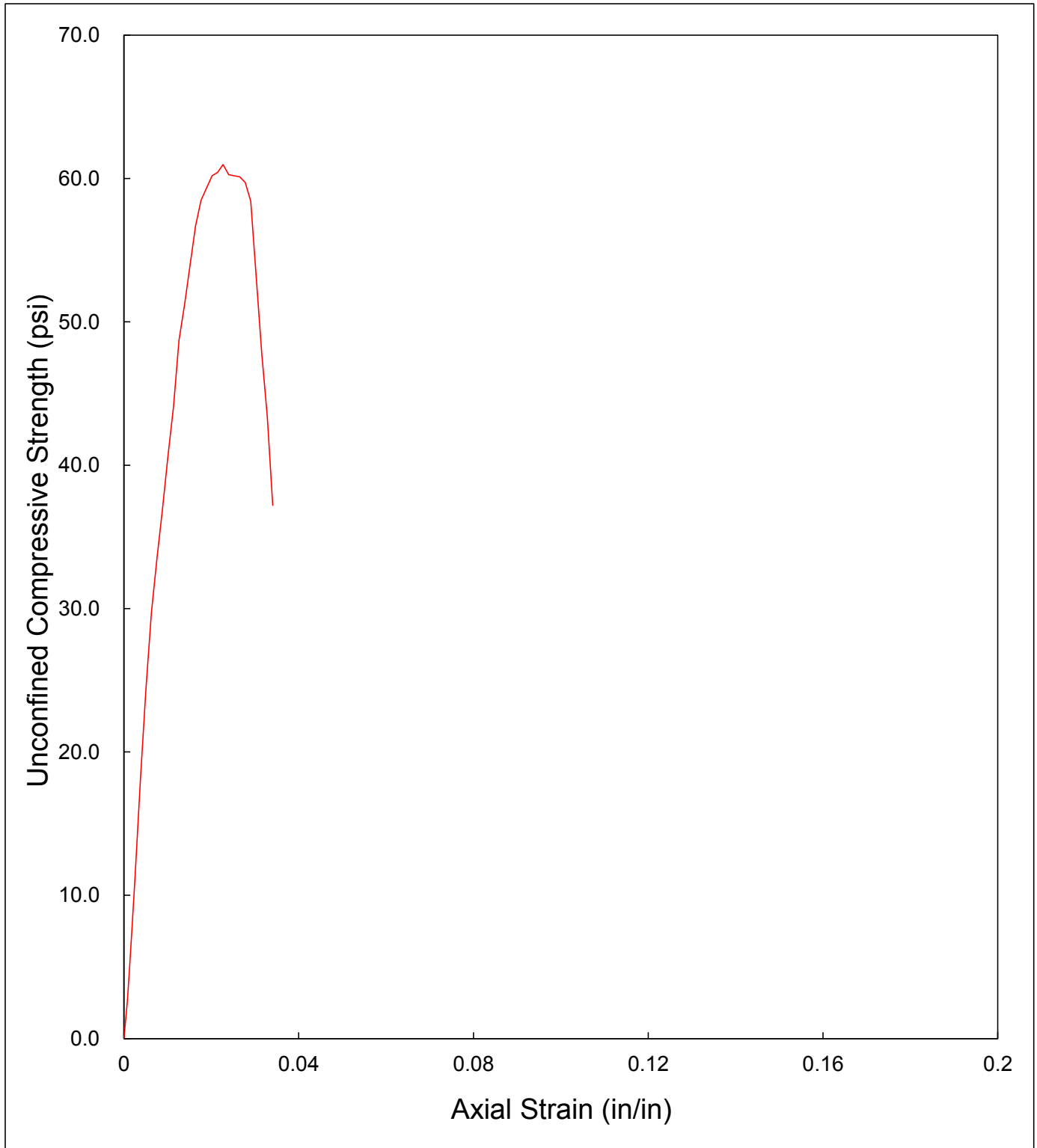
SOIL SPECIMEN DIMENSIONS		
	DIAMETER	LENGTH
No. 1	2.00 in.	3.98 in.
No. 2	2.01 in.	3.96 in.
No. 3	1.99 in.	3.95 in.
Average	2.00 in.	3.96 in.

SPECIMEN CONDITIONS	
Initial Specimen WT, W_o	303.00 g
Initial Area, A _o	3.14 in ²
Initial Volume, V _o	12.45 in ³
Initial Bulk Unit Weight,	92.7 lb/ft ³
Initial Dry Unit Weight	51.8 lb/ft ³
15 % Strain (0.15 L _o)	0.59 in.
UCS	61.0 lb/in ²

COMPRESSIVE LOAD (lbs.)	DIAL GAGE READING (in.)	SPECIMEN DEFORMATION (in.)	CORRECTED AREA (in ²)	AXIAL STRAIN (in/in)	UNCONFINED COMPRESSIVE STRENGTH (lb/in ²)
0	0.000	0.000	3.142	0.0000	0.0
8	0.003	0.003	3.144	0.0008	2.5
15	0.005	0.005	3.146	0.0013	4.8
23	0.007	0.007	3.147	0.0018	7.3
35	0.010	0.010	3.150	0.0025	11.1
57	0.015	0.015	3.154	0.0038	18.1
77	0.020	0.020	3.158	0.0050	24.4
94	0.025	0.025	3.162	0.0063	29.7
106	0.030	0.030	3.166	0.0076	33.5
117	0.035	0.035	3.170	0.0088	36.9
129	0.040	0.040	3.174	0.0101	40.6
140	0.045	0.045	3.178	0.0114	44.1
155	0.050	0.050	3.182	0.0126	48.7
163	0.055	0.055	3.186	0.0139	51.2
172	0.060	0.060	3.190	0.0151	53.9
181	0.065	0.065	3.194	0.0164	56.7
187	0.070	0.070	3.198	0.0177	58.5
190	0.075	0.075	3.202	0.0189	59.3
193	0.080	0.080	3.206	0.0202	60.2
194	0.085	0.085	3.210	0.0214	60.4
196	0.090	0.090	3.215	0.0227	61.0
194	0.095	0.095	3.219	0.0240	60.3
194	0.100	0.100	3.223	0.0252	60.2
194	0.105	0.105	3.227	0.0265	60.1
193	0.110	0.110	3.231	0.0278	59.7
189	0.115	0.115	3.235	0.0290	58.4
172	0.120	0.120	3.240	0.0303	53.1
155	0.125	0.125	3.244	0.0315	47.8
141	0.130	0.130	3.248	0.0328	43.4
121	0.135	0.135	3.252	0.0341	37.2

UNCONFINED COMPRESSION TESTING

Sample No. 0664-008 (28 day)



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

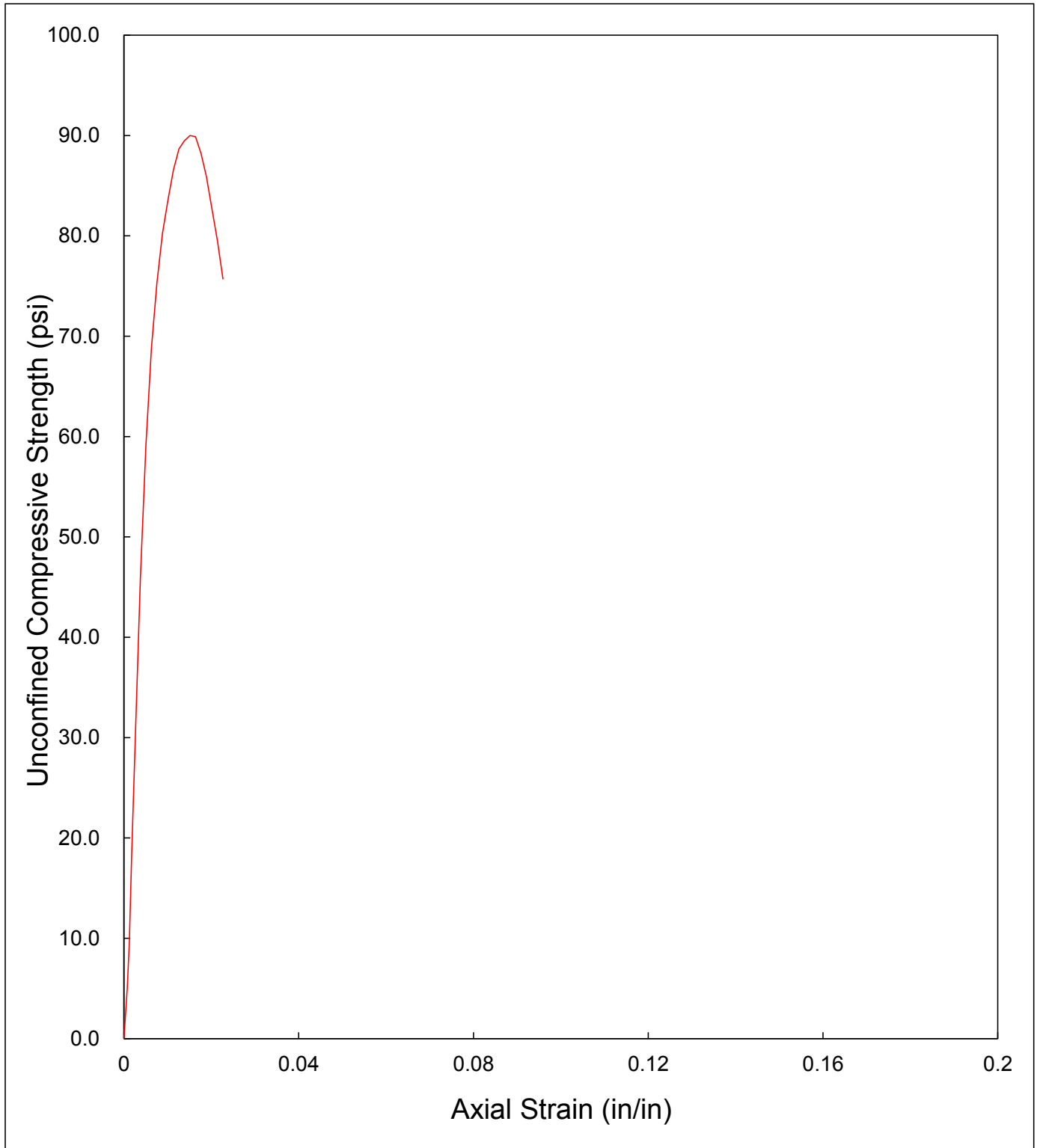
PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: 0664-008 (28 day)
TESTING DATE: TAJ LOADING RATE: 0.0400 in./min
TESTED BY: TAJ TRACKING CODE: B931_US

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	78.8 %
BULK UNIT WEIGHT	92.7 lb/ft ³
DRY UNIT WEIGHT	51.8 lb/ft ³
UCS *	61.0 lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

UNCONFINED COMPRESSION TESTING

Sample No. 0664-009 (28 day)



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

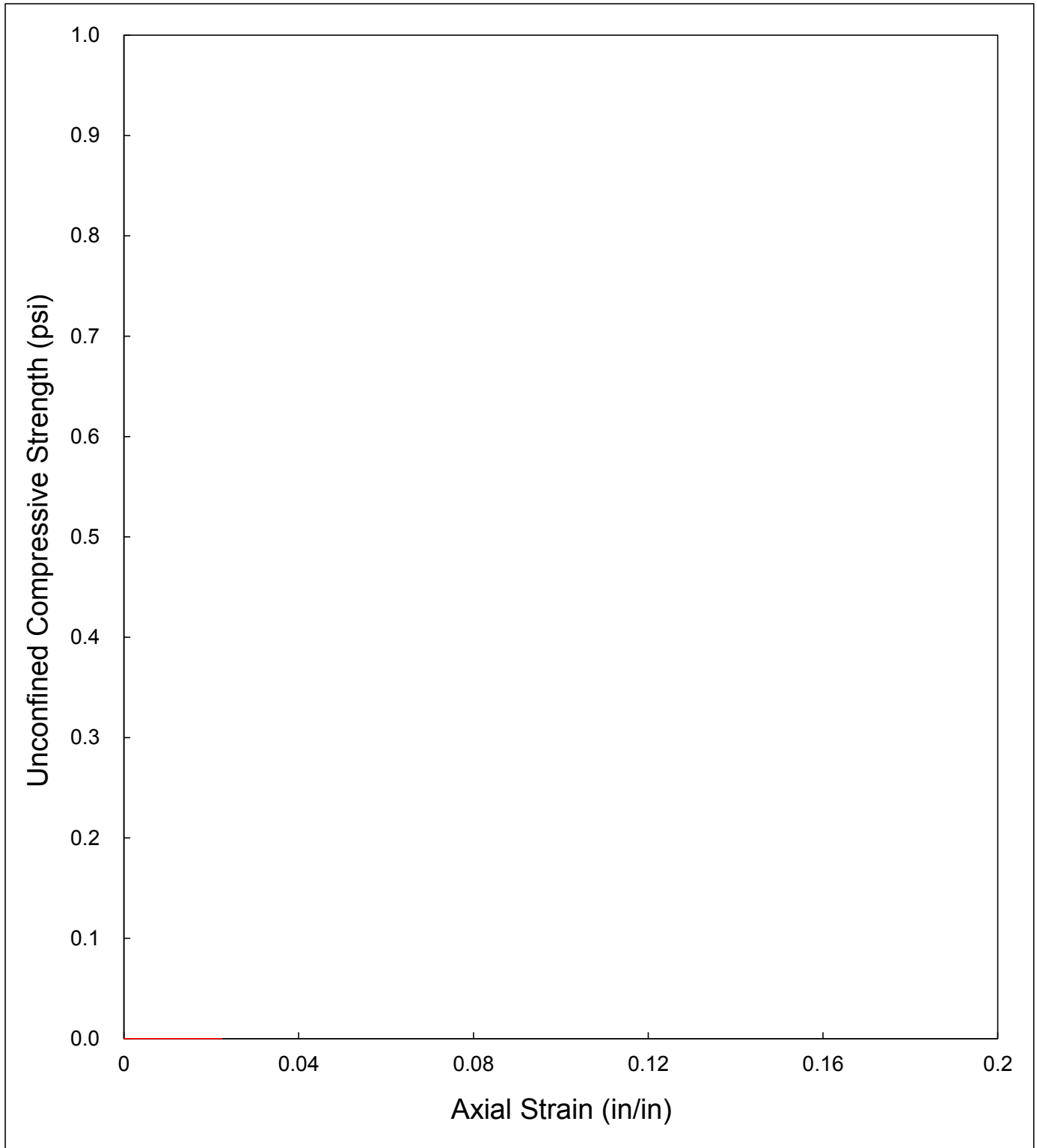
PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: 0664-009 (28 day)
TESTING DATE: 7-Feb-18 LOADING RATE: 0.0400 in./min
TESTED BY: TAJ TRACKING CODE: B932_US

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	73.8 %
BULK UNIT WEIGHT	94.5 lb/ft ³
DRY UNIT WEIGHT	54.4 lb/ft ³
UCS *	90.0 lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

UNCONFINED COMPRESSION TESTING

Sample No. 0664-010 (28 day)



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: 0664-010 (28 day)
TESTING DATE: 7-Feb-18 LOADING RATE: 0.0400 in./min
TESTED BY: TAJ TRACKING CODE: B933_US

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	85.0 %
BULK UNIT WEIGHT	91.6 lb/ft ³
DRY UNIT WEIGHT	49.5 lb/ft ³
UCS *	0.0 lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

UNCONFINED COMPRESSION TEST

ASTM D 2166

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664
 SAMPLE No.: 0664-011 (28 day)
 TESTING DATE: 7-Feb-18
 TESTED BY: TAJ

LOADING RATE: 0.0400 in./min
 TRACKING CODE: B934_US

MOISTURE CONTENT (Dry Basis)	
1. MOISTURE TIN NO.	
2. WT MOISTURE TIN (tare weight)	49.22 g
3. WT WET SOIL + TARE	84.25 g
4. WT DRY SOIL + TARE	69.21 g
5. WT WATER, Ww	15.04 g
6. WT DRY SOIL, Ws	19.99 g
7. MOISTURE CONTENT, W	75.24 %

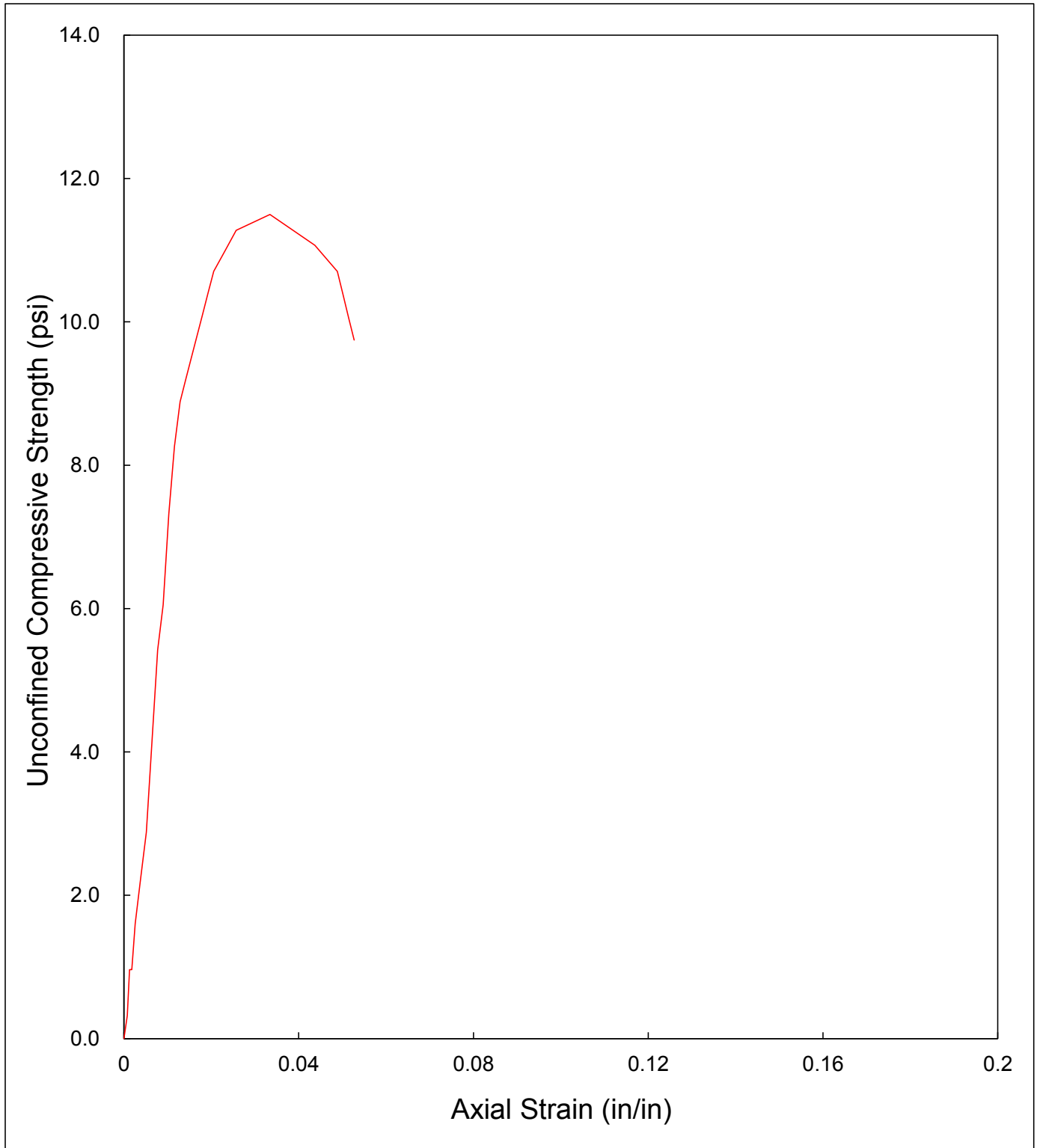
SOIL SPECIMEN DIMENSIONS		
	DIAMETER	LENGTH
No. 1	1.99 in.	3.89 in.
No. 2	2.00 in.	3.88 in.
No. 3	1.98 in.	3.90 in.
Average	1.99 in.	3.89 in.

SPECIMEN CONDITIONS	
Initial Specimen WT, Wo	303.77 g
Initial Area, Ao	3.11 in ²
Initial Volume, Vo	12.10 in ³
Initial Bulk Unit Weight,	95.6 lb/ft ³
Initial Dry Unit Weight	54.6 lb/ft ³
15 % Strain (0.15 Lo)	0.58 in.
UCS	11.5 lb/in ²

COMPRESSIVE LOAD (lbs.)	DIAL GAGE READING (in.)	SPECIMEN DEFORMATION (in.)	CORRECTED AREA (in ²)	AXIAL STRAIN (in/in)	UNCONFINED COMPRESSIVE STRENGTH (lb/in ²)
0	0.000	0.000	3.110	0.0000	0.0
1	0.003	0.003	3.113	0.0008	0.3
3	0.005	0.005	3.114	0.0013	1.0
3	0.007	0.007	3.116	0.0018	1.0
5	0.010	0.010	3.118	0.0026	1.6
7	0.015	0.015	3.122	0.0039	2.2
9	0.020	0.020	3.126	0.0051	2.9
13	0.025	0.025	3.130	0.0064	4.2
17	0.030	0.030	3.134	0.0077	5.4
19	0.035	0.035	3.138	0.0090	6.1
23	0.040	0.040	3.143	0.0103	7.3
26	0.045	0.045	3.147	0.0116	8.3
28	0.050	0.050	3.151	0.0129	8.9
29	0.055	0.055	3.155	0.0141	9.2
30	0.060	0.060	3.159	0.0154	9.5
31	0.065	0.065	3.163	0.0167	9.8
32	0.070	0.070	3.167	0.0180	10.1
33	0.075	0.075	3.171	0.0193	10.4
34	0.080	0.080	3.176	0.0206	10.7
35	0.090	0.090	3.184	0.0231	11.0
36	0.100	0.100	3.192	0.0257	11.3
37	0.130	0.130	3.218	0.0334	11.5
36	0.170	0.170	3.252	0.0437	11.1
35	0.190	0.190	3.270	0.0488	10.7
34	0.195	0.195	3.274	0.0501	10.4
33	0.200	0.200	3.279	0.0514	10.1
32	0.205	0.205	3.283	0.0527	9.7

UNCONFINED COMPRESSION TESTING

Sample No. 0664-011 (28 day)



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: 0664-011 (28 day)
TESTING DATE: 7-Feb-18 LOADING RATE: 0.0400 in./min
TESTED BY: TAJ TRACKING CODE: B934_US

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	75.2 %
BULK UNIT WEIGHT	95.6 lb/ft ³
DRY UNIT WEIGHT	54.6 lb/ft ³
UCS *	11.5 lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

UNCONFINED COMPRESSION TEST

ASTM D 2166

PROJECT: Stratford Dewatering
 PROJECT No.: SH0664
 SAMPLE No.: 0664-012 (28 day)
 TESTING DATE: 7-Feb-18
 TESTED BY: TAJ

LOADING RATE: 0.0400 in./min
 TRACKING CODE: B935_US

MOISTURE CONTENT (Dry Basis)	
1. MOISTURE TIN NO.	
2. WT MOISTURE TIN (tare weight)	49.55 g
3. WT WET SOIL + TARE	86.98 g
4. WT DRY SOIL + TARE	70.75 g
5. WT WATER, W _w	16.23 g
6. WT DRY SOIL, W _s	21.20 g
7. MOISTURE CONTENT, W	76.56 %

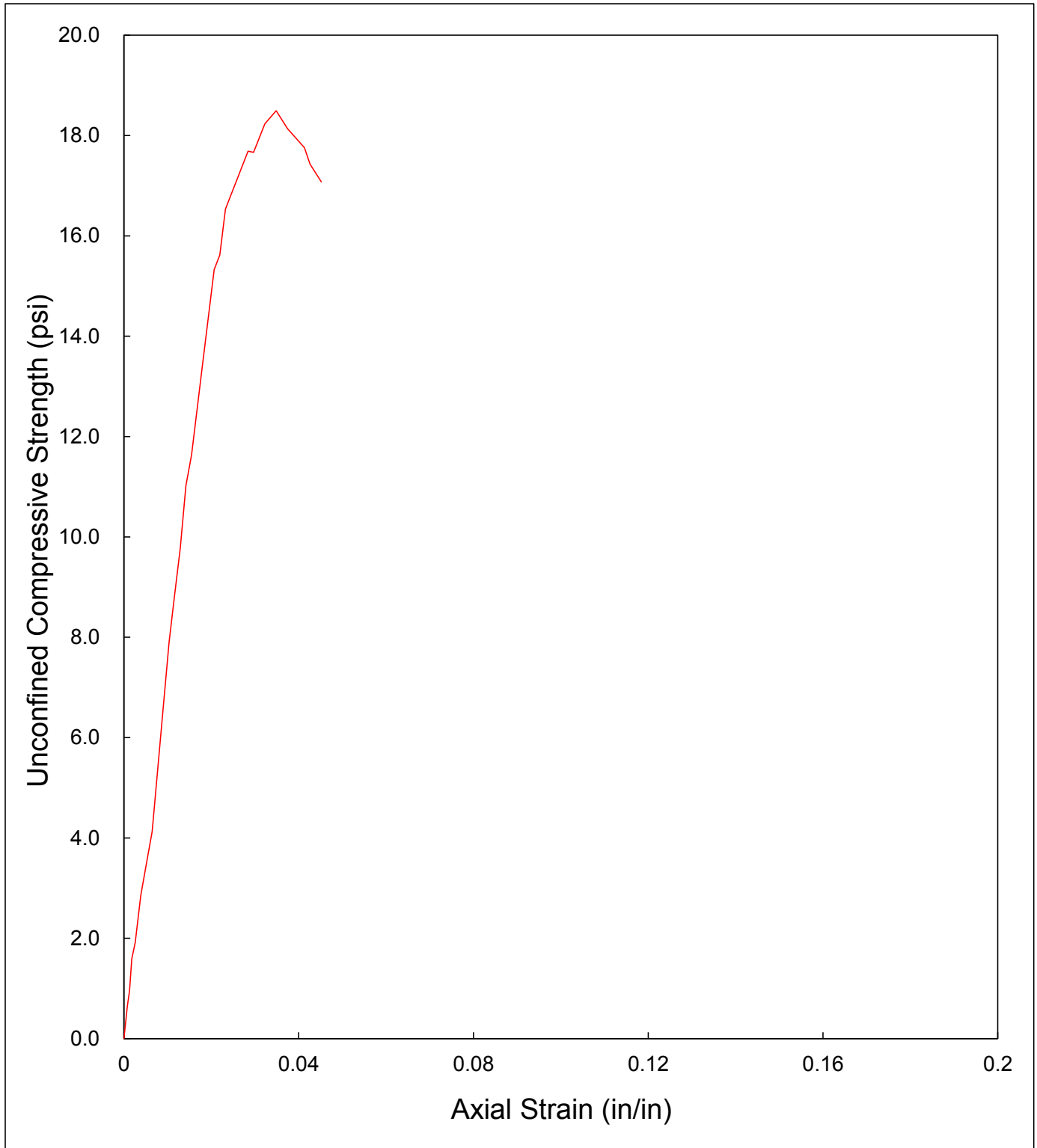
SOIL SPECIMEN DIMENSIONS		
	DIAMETER	LENGTH
No. 1	1.99 in.	3.88 in.
No. 2	2.00 in.	3.86 in.
No. 3	2.00 in.	3.88 in.
Average	2.00 in.	3.87 in.

SPECIMEN CONDITIONS	
Initial Specimen WT, W_o	300.20 g
Initial Area, A _o	3.13 in ²
Initial Volume, V _o	12.13 in ³
Initial Bulk Unit Weight,	94.3 lb/ft ³
Initial Dry Unit Weight	53.4 lb/ft ³
15 % Strain (0.15 L _o)	0.58 in.
UCS	18.5 lb/in ²

COMPRESSIVE LOAD (lbs.)	DIAL GAGE READING (in.)	SPECIMEN DEFORMATION (in.)	CORRECTED AREA (in ²)	AXIAL STRAIN (in/in)	UNCONFINED COMPRESSIVE STRENGTH (lb/in ²)
0	0.000	0.000	3.131	0.0000	0.0
2	0.003	0.003	3.134	0.0008	0.6
3	0.005	0.005	3.135	0.0013	1.0
5	0.007	0.007	3.137	0.0018	1.6
6	0.010	0.010	3.139	0.0026	1.9
9	0.015	0.015	3.143	0.0039	2.9
11	0.020	0.020	3.147	0.0052	3.5
13	0.025	0.025	3.151	0.0065	4.1
17	0.030	0.030	3.156	0.0077	5.4
21	0.035	0.035	3.160	0.0090	6.6
25	0.040	0.040	3.164	0.0103	7.9
28	0.045	0.045	3.168	0.0116	8.8
31	0.050	0.050	3.172	0.0129	9.8
35	0.055	0.055	3.176	0.0142	11.0
37	0.060	0.060	3.180	0.0155	11.6
40	0.065	0.065	3.185	0.0168	12.6
43	0.070	0.070	3.189	0.0181	13.5
46	0.075	0.075	3.193	0.0194	14.4
49	0.080	0.080	3.197	0.0207	15.3
50	0.085	0.085	3.201	0.0219	15.6
53	0.090	0.090	3.206	0.0232	16.5
54	0.095	0.095	3.210	0.0245	16.8
55	0.100	0.100	3.214	0.0258	17.1
56	0.105	0.105	3.218	0.0271	17.4
57	0.110	0.110	3.223	0.0284	17.7
57	0.115	0.115	3.227	0.0297	17.7
58	0.120	0.120	3.231	0.0310	17.9
59	0.125	0.125	3.236	0.0323	18.2
60	0.135	0.135	3.244	0.0349	18.5
59	0.145	0.145	3.253	0.0374	18.1
58	0.160	0.160	3.266	0.0413	17.8
57	0.165	0.165	3.270	0.0426	17.4
56	0.175	0.175	3.279	0.0452	17.1

UNCONFINED COMPRESSION TESTING

Sample No. 0664-012 (28 day)



UNCONFINED COMPRESSION TEST

ASTM D 2166
SUMMARY OF RESULTS

PROJECT: Stratford Dewatering
PROJECT No.: SH0664
SAMPLE No.: 0664-012 (28 day)
TESTING DATE: 7-Feb-18 LOADING RATE: 0.0400 in./min
TESTED BY: TAJ TRACKING CODE: B935_US

TESTING PARAMETER AND RESULTS	
MOISTURE CONTENT	76.6 %
BULK UNIT WEIGHT	94.3 lb/ft ³
DRY UNIT WEIGHT	53.4 lb/ft ³
UCS *	18.5 lb/in ²

* UCS - UNCONFINED COMPRESSIVE STRENGTH

ATTACHMENT D

Rutgers Center for Advanced Infrastructure and Transportation
Solidification Report

AMEC Foster Wheeler Sediment Treatability Report

Robert Miskewitz Ph.D, Masoud Janbaz Ph.D., Lauren Ioccabucci, and Kelly Francisco

September 29, 2017

This report provides a summary of stabilization procedures and Unconfined Compressive Strength results for sediment using Portland cement as a binder.

Experimental Procedure: On September 1, 2017 material received from AMEC Foster Wheeler was homogenized and mixed with various ratios of Type I/II Portland cement (PC) slurry. PC was added at ratios of 6%, 8%, 12% and 14% of the wet weight of sediment. Each slurry consisted of a 1:1 ratio of PC to tap water. Table 1 provides the contents of each mixing ratio studied.

Table 1. PC-sediment Mixing Contents

Mixture ID	Type I/II PC (g)	Tap Water (mL)	Sediment (g)
6% PC	60.0	60	1000.4
8% PC	80.0	80	1000.5
12% PC	120.0	120	1000.8
14% PC	140.0	140	1000.7

Mixing continued until the operator was visually confident in the homogeneity of the mixture (Approximately 10 min). A sample of the material was collected from each mixture to determine its post-mixing moisture content. Samples for strength testing were compacted into cylindrical plastic molds with 2-inch inner diameters and 4-inch heights. The molds were cured inside a Thermocure water bath for 28 days at 20° C.

On September 28, 2017 the samples were removed from the temperature-controlled curing chamber and tested for unconfined compressive strength using an ELE Tritest50 device. The samples' weights, diameters, and heights were measured and material from each broken core was collected to determine the samples' post-curing moisture content.

Results:

Sediment Properties – Organic Content and Bulk Density: The bulk density and organic content of the raw material were determined via ASTM D2216 and ASTM D2974, respectively. The bulk density for the raw material was determined to be 1.54 g/cm³. The organic content was found to be approximately 3.8%.

Moisture Content: Table 2 provides a summary of the average moisture content of the raw material and the average post-curing moisture content for each mixing ratio.

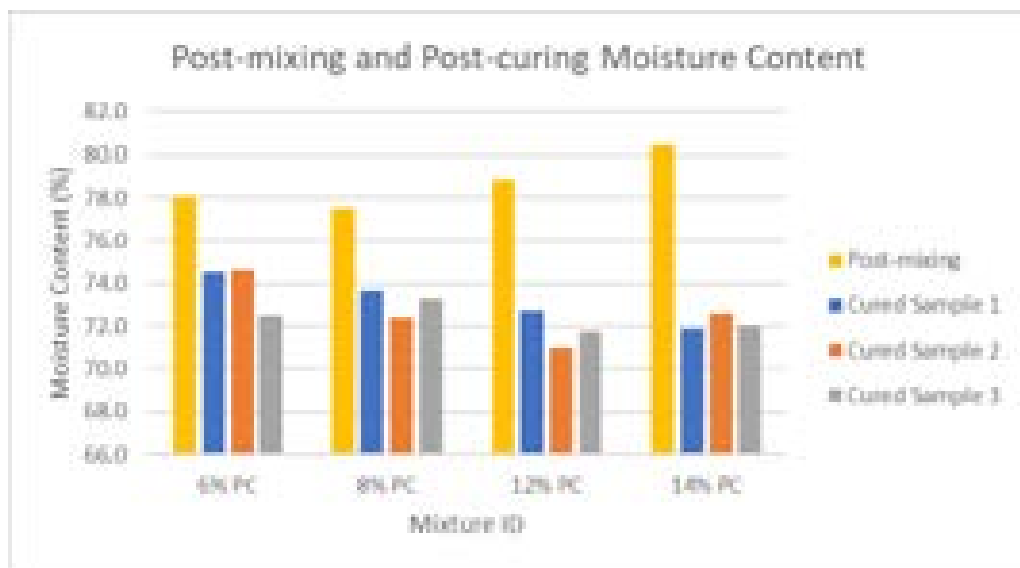
Table 2. Average Raw Sediment and Post-curing Moisture Content

Mixture ID	Average Moisture Content (%)
Raw Sediment	79.1

6% PC	73.9
8% PC	73.1
12% PC	71.8
14% PC	72.2

Figure 1 provides a comparison between the post-mixing moisture content for each mixing ratio and the post-curing moisture content for each sample tested.

Figure 1. Post-mixing and Post-curing Moisture Content

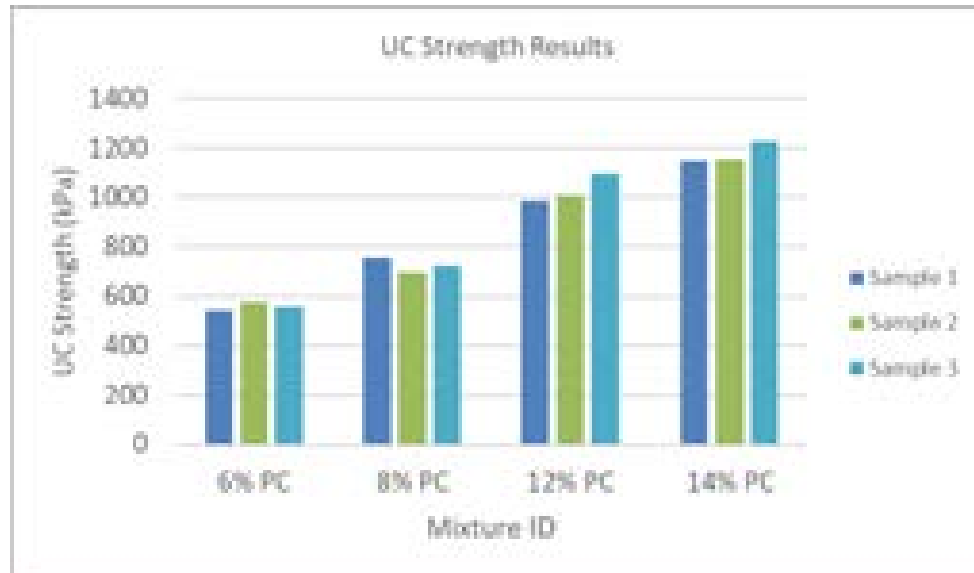


Unconfined Compressive Strength: Table 3 provides a summary of the average unconfined compressive (UC) strength of each mixture studied. Figure 2 provides the UC strength for each sample tested.

Table 3. Average Unconfined Compressive Strength Values

Mixture ID	Average UC Strength		
	(kPa)	(psi)	(tsf)
6% PC	560	81	5.8
8% PC	725	105	7.6
12% PC	1029	149	10.7
14% PC	1174	170	12.3

Figure 2. Unconfined Compressive Strength Results





United States Army Corps of Engineers, New England District
Stratford Army Engine Plant, Stratford, CT
DRAFT FINAL Focused Feasibility Study

APPENDIX D

Tidal Gate Removal Permit



June 7, 2012

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

City of Bridgeport
John Ricci
1000 Great Meadow Drive
Stratford, CT 06615

Subject: Certificate of Permission #201201271-KZ
Sikorsky Memorial Airport, 1000 Great Meadow Drive, Stratford

Dear Mr. Ricci:

Enclosed please find a copy of the certificate of permission ("certificate") which is being issued pursuant to your application of April 8, 2012. Your attention is directed to the conditions of the enclosed certificate. All work must conform to that which is specifically authorized by this certificate. Any work in tidal wetlands or waterward of the high tide line in tidal, navigable and coastal waters of the State which has not been authorized by a valid permit or certificate is a violation of state law and subject to enforcement action by the Department of Energy and Environmental Protection and the Office of the Attorney General.

Your initiation of authorized activities will be relied upon as your agreement to comply with the terms and conditions of the certificate. Please note that Appendix B of the certificate has been enclosed for your convenience to comply with Connecticut General Statutes Section 22a-363g. Also, the Permit Notice, found at the back of your authorization, must be posted at the work area while the work is being undertaken. Please refer to the SPECIAL TERMS AND CONDITIONS of your certificate for further details.

If you have not already done so, you should contact your local Planning and Zoning Office to determine local permit requirements for your project. Also, your activity may be eligible for General Permit authorization from the U.S. Army Corps of Engineers ("Corps"). Most maintenance and reconstruction activities require no further authorization from the Corps. Other activities, generally involving work in tidal wetlands or other special aquatic sites, and in or near a federal Navigation Project or involving filling, must receive written authorization from the Corps prior to beginning work. The State of Connecticut will automatically forward this certificate to the Corps for its determination of General Permit eligibility. You do not need to apply directly to the Corps unless they notify you. For more information regarding this federal process, you may write to the Corps New England Division, Regulatory Branch, 696 Virginia Road, Concord, Massachusetts, 02254 or call 978-318-8335 or 800-343-4789.

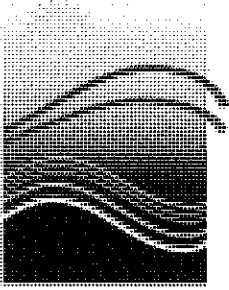
Sincerely,



Kevin Zawoy, Environmental Analyst
Office of Long Island Sound Programs
Bureau of Water Protection and Land Reuse

Enclosure – COP #201201271-KZ

cc: File #201201271-KZ
URS Corporation
Municipal CEO
ACOE
Harbor Master



Connecticut Department of

**ENERGY &
ENVIRONMENTAL
PROTECTION**

CERTIFICATE OF PERMISSION

Certificate No: 2012001271-KZ

Municipalities: Stratford

Site of Activity: Sikorsky Memorial Airport, 1000 Great Meadow Drive, earthen berm at western end of marine basin

Certificate Holder: City of Bridgeport
1000 Great Meadow Drive
Stratford, CT 06615

Pursuant to section 22a-363b of the Connecticut General Statutes ("CGS") and in accordance with CGS section 22a-98, CGS sections 22a-359 to 22a-363f, CGS sections 22a-28 through 22a-35, and the Connecticut Water Quality Standards effective February 25, 2011, a certificate of permission ("certificate") is hereby granted to remove an existing tide gate and berm for tidal wetlands restoration as is more specifically described below in the SCOPE OF AUTHORIZATION.

*******NOTICE TO CERTIFICATE HOLDER AND CONTRACTORS*******

UPON INITIATION OF ANY WORK AUTHORIZED HEREIN, THE CERTIFICATE HOLDER ACCEPTS AND AGREES TO COMPLY WITH ALL TERMS AND CONDITIONS OF THIS CERTIFICATE. FAILURE TO CONFORM TO THE TERMS AND CONDITIONS OF THIS CERTIFICATE MAY SUBJECT THE CERTIFICATE HOLDER AND ANY CONTRACTOR TO ENFORCEMENT ACTIONS, INCLUDING INJUNCTIONS AS PROVIDED BY LAW AND PENALTIES UP TO \$1,000.00 PER DAY PURSUANT TO THE ADMINISTRATIVE CIVIL PENALTY POLICY DESCRIBED IN SECTIONS 22a-6b-1 THROUGH 22a-6b-15 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES ("RCSA").

SCOPE OF AUTHORIZATION

The Certificate Holder is hereby authorized to conduct the following work as described in application #201201271-KZ, including 9 sheets of plans, Figures 1 through 8, and one sheet entitled "Vicinity Map" dated September 2011 submitted by the Certificate Holder to the Commissioner of Energy and Environmental Protection ("Commissioner") and attached hereto:

1. remove an existing tidal gate and section of earthen berm located south of the existing gravel driveway located off Main Street, Route 113 as follows:

- a. temporarily install a turbidity control curtain on the upstream and downstream sides of the area of proposed removed earthen berm as shown on Figure 4., of the plans attached hereto;
- b. excavate approximately 525 cubic yards of earthen fill including removal of an existing reinforced concrete tide gate structure and pipe over an approximately 6,000 square foot area to a depth of -2.0' NGVD a 20 foot wide base and 3:1 side slopes terminating at elevation 5.75' NGVD; and with
- c. place a minimum of 6 inches of a sandy loam if required on the 3:1 side slopes to enhance tidal wetland plant growth and cover the side slopes with a biodegradable matting.

SPECIAL TERMS AND CONDITIONS

1. Prior to the commencement of the work authorized herein, the Certificate Holder shall test the authorized excavated material to characterize contamination levels for proper disposal in accordance with state statutes. If Raymark waste is identified EPA and CT DEEP Remediation must be notified and any actions must be approved by EPA and the CT DEEP in writing.
2. Prior to the commencement of work authorized here, the Certificate Holder shall submit a stockpile and haul road location plan for the Commissioner's review and written approval to address potential adverse environmental impacts to a known state listed plant species which has been identified to exist at the site. Such stockpile area must be outside of the 100 year floodplain. The Certificate Holder shall follow any recommendations made by the Commissioner in writing
3. Prior to the commencement of the work authorized herein, the Certificate Holder shall submit to the Commissioner for review and written approval an up-dated hydraulic analysis to demonstrate that the work authorized herein will not result in increased flooding of existing or relocated Main Street (Route 113) located at the site.
4. Prior to the commencement of work authorized here, the Certificate Holder shall submit an on-site evaluation for the Commissioner's review and written approval which demonstrates that any contaminated areas that will be subject to tidal action once the work authorized herein is complete have been appropriately remediated to the Commissioner's satisfaction. The Certificate Holder shall follow any recommendations made by the Commissioner in writing.
5. Upon obtaining written permission for SPECIAL TERMS AND CONDITIONS paragraphs 1. through 4., above, the Certificate Holder shall complete all the work authorized in the SCOPE OF AUTHORIZATION within 90 calendar days.
6. Prior to the commencement of work authorized here, the Certificate Holder shall install and maintain the turbidity control curtain described in the SCOPE OF AUTHORIZATION paragraph 1.a., above, in good working condition until the work authorized herein is completed

and the site stabilized.

7. All excavated sediments shall be immediately placed within lined and sealed dump trucks and relocated to an upland stockpile/dewatering area that is outside the 100 year flood plain. All stockpile/dewatering areas shall be covered and bordered with straw bales or silt fence as shown on Figure 7., of the plans attached hereto.
8. Except as specifically authorized by this permit, no equipment or material including but not limited to, fill, construction materials, excavated material or debris, shall be deposited, placed or stored in any tidal wetland or watercourse, nor shall any tidal wetland or watercourse be used as a staging area or accessway other than as provided herein.
9. The Certificate Holder shall post the attached Permit Notice in a conspicuous place at the work area while the work authorized herein is undertaken.
10. All work authorized here shall be conducted during periods of low water conditions.
11. Upon excavation of the authorized 3:1 side slopes described in the SCOPE OF AUTHORIZATION paragraph 1.c., above, the Certificate Holder shall apply a minimum of a 6" sand loam to the surface of the over excavated side slopes. Upon approval of the Commissioner, the Certificate Holder may forego the 6" layer of sandy loam if a demonstration can be made that adequate plant soils are already present within the excavated area. In any event, the Certificate Holder shall apply the biodegradable matting shown on the plans. Such biodegradable matting must be maintained in good condition until the site has become stabilized.
12. Not later than two (2) weeks prior to the commencement of any work authorized herein, the Certificate Holder shall submit to the Commissioner, on the form attached hereto as Appendix A, the name(s) and address(es) of any contractor(s) employed to conduct such work and the expected date for commencement and completion of such work.
13. The Certificate Holder shall file Appendix B on the land records of the municipality in which the subject property is located not later than thirty (30) days after certificate issuance pursuant to CGS Section 22a-363g. A copy of Appendix B with a stamp or other such proof of filing with the municipality shall be submitted to the Commissioner no later than sixty (60) days after certificate issuance. Except as specifically authorized by this certificate, no equipment or material including, but not limited to, fill, construction materials, excavated material or debris, shall be deposited, placed or stored in any wetland or watercourse on or off-site, nor shall any wetland or watercourse be used as a staging area or accessway other than as provided herein.
14. The Certificate Holder shall give a copy of this permit to the contractor(s) who will be carrying out the activities authorized herein prior to the start of construction and shall receive a written receipt for such copy, signed and dated by such contractor(s). The Certificate Holder's contractor(s) shall conduct all operations at the site in full compliance with this permit and, to the extent provided by law, may be held liable for any violation of the terms and conditions of this permit. At the work area the contractor(s) shall, whenever work is being performed, make

available for inspection a copy of this permit and the final plans for the work authorized herein.

15. On or before ninety (90) days after completion of the work authorized herein, the Certificate Holder shall submit to the Commissioner "as-built" plans, including any proposed elevation views and cross sections included in the permit, prepared and sealed by a licensed engineer, licensed surveyor or licensed architect, as applicable, of the work area showing all tidal datums and structures.

GENERAL TERMS AND CONDITIONS

1. All work authorized by this certificate shall be completed within five years from date of issuance of this certificate ("work completion date") in accordance with all conditions of this certificate and any other applicable law.
 - a. The Certificate Holder may request a one-year extension of the work completion date. Such request shall be in writing and shall be submitted to the Commissioner at least 30 days prior to said work completion date. Such request shall describe the work done to date, which work still needs to be completed and the reason for such extension. The Commissioner shall grant or deny such request in her sole discretion.
 - b. Any work authorized herein conducted after said work completion date or any authorized one year extension thereof is a violation of this certificate and may subject the Certificate Holder to enforcement action, including penalties, as provided by law.
2. In conducting the work authorized herein, the Certificate Holder shall not deviate from the attached plans, as may be modified by this certificate. The Certificate Holder shall not make de minimis changes from said plans without prior written approval of the Commissioner.
3. The Certificate Holder shall maintain all structures or other work authorized herein in good condition. Any such maintenance shall be conducted in accordance with applicable law including, but not limited to, CGS sections 22a-28 through 22a-35 and CGS sections 22a-359 through 22a-363f.
4. The Certificate Holder shall notify the Commissioner in writing of the commencement of any work and completion of all work authorized herein no later than three days prior to the commencement of such work and no later than seven days after the completion of such work.
5. In undertaking the work authorized hereunder, the Certificate Holder shall not cause or allow pollution of wetlands or watercourses, including pollution resulting from sedimentation and erosion. For purposes of this certificate, "pollution" means "pollution" as that term is defined by CGS section 22a-423.
6. Upon completion of any work authorized herein, the Certificate Holder shall restore all areas impacted by construction, or used as a staging area or accessway in connection with such work, to their condition prior to the commencement of such work.

7. Any document required to be submitted to the Commissioner under this certificate or any contact required to be made with the Commissioner shall, unless otherwise specified in writing by the Commissioner, be directed to:

Permit Section
Office of Long Island Sound Programs
Department of Energy and Environmental Protection
79 Elm Street
Hartford, Connecticut 06106-5127
(860) 424-3034
Fax # (860) 424-4054

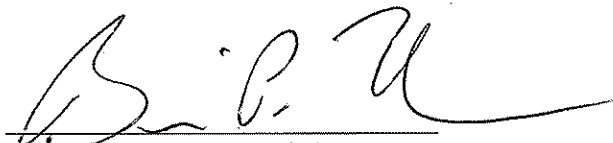
8. The date of submission to the Commissioner of any document required by this certificate shall be the date such document is received by the Commissioner. The date of any notice by the Commissioner under this certificate, including but not limited to notice of approval or disapproval of any document or other action, shall be the date such notice is personally delivered or the date three days after it is mailed by the Commissioner, whichever is earlier. Except as otherwise specified in this certificate, the word "day" as used in this certificate means calendar day. Any document or action which is required by this certificate to be submitted or performed by a date which falls on a Saturday, Sunday or a Connecticut or federal holiday shall be submitted or performed on or before the next day which is not a Saturday, Sunday, or a Connecticut or federal holiday.
9. The work specified in the SCOPE OF AUTHORIZATION is authorized solely for the purpose set forth in this certificate. No change in purpose or use of the authorization work or facilities as set forth in this certificate may occur without the prior written authorization of the Commissioner. The Certificate Holder shall, prior to undertaking or allowing any change in use or purpose from that which is authorized by this certificate, request authorization from the Commissioner for such change. Said request shall be in writing and shall describe the proposed change and the reason for the change.
10. This certificate may be revoked, suspended, or modified in accordance with applicable law.
11. This certificate is not transferable without prior written authorization of the Commissioner. A request to transfer a certificate shall be submitted in writing and shall describe the proposed transfer and the reason for such transfer. The Certificate Holder's obligations under this certificate shall not be affected by the passage of title to the certificate site to any other person or municipality until such time as a transfer is authorized by the Commissioner.
12. The Certificate Holder shall allow any representative of the Commissioner to inspect the work authorized hereunder at reasonable times to ensure that it is being or has been accomplished in accordance with the terms and conditions of this certificate.
13. In granting this certificate, the Commissioner has relied on all representations of the Certificate Holder, including information and data provided in support of the Certificate Holder's application. Neither the Certificate Holder's representations nor the issuance of this certificate shall constitute

an assurance by the Commissioner as to the structural integrity, the engineering feasibility or the efficacy of such design.

14. In the event that the Certificate Holder becomes aware that he did not or may not comply, or did not or may not comply on time, with any provision of this certificate or of any document required hereunder, the Certificate Holder shall immediately notify the Commissioner and shall take all reasonable steps to ensure that any noncompliance or delay is avoided or, if unavoidable, is minimized to the greatest extent possible. In so notifying the Commissioner, the Certificate Holder shall state in writing the reasons for the noncompliance or delay and propose, for the review and written approval of the Commissioner, dates by which compliance will be achieved, and the Certificate Holder shall comply with any dates which may be approved in writing by the Commissioner. Notification by the Certificate Holder shall not excuse noncompliance or delay and the Commissioner's approval of any compliance dates proposed shall not excuse noncompliance or delay unless specifically stated by the Commissioner in writing.
15. In evaluating the application for this certificate the Commissioner has relied on information and data provided by the Certificate Holder and on the Certificate Holder's representations concerning site conditions, design specifications and the proposed work authorized herein, including but not limited to representations concerning the commercial, public or private nature of the work or structures authorized herein, the water-dependency of said work or structures, its availability for access by the general public, and the ownership of regulated structures or filled areas. If such information proves to be false, deceptive, incomplete or inaccurate, this certificate may be modified, suspended or revoked, and any unauthorized activities may be subject to enforcement action.
16. The Certificate Holder may not conduct work waterward of the high tide line or in tidal wetlands at this certificate site other than the work authorized herein, unless otherwise authorized by the Commissioner pursuant to CGS section 22a-359 et. seq. and/or CGS section 22a-28 et. seq.
17. The issuance of this certificate does not relieve the Certificate Holder of his obligations to obtain any other approvals required by applicable federal, state and local law.
18. Any document, including but not limited to any notice, which is required to be submitted to the Commissioner under this certificate shall be signed by the Certificate Holder and by the individual or individuals responsible for actually preparing such document, each of whom shall certify in writing as follows: "I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statement made in this document or its attachments may be punishable as a criminal offense."
19. This certificate is subject to and does not derogate any present or future property rights or powers of the State of Connecticut, and conveys no property rights in real estate or material nor any exclusive privileges, and is further subject to any and all public and private rights and to any federal, state or local laws or regulations pertinent to the property or activity affected hereby.

Issued on June 4, 2012.

STATE OF CONNECTICUT
DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION



Brian P. Thompson, Director
Office of Long Island Sound Programs
Bureau of Water Protection & Land Reuse

Certificate of Permission No. 201201271-KZ, Stratford, City of Bridgeport



PERMIT NOTICE

This Certifies that Authorization to perform work below the High Tide Line and/or within Tidal Wetlands of coastal, tidal, or navigable waters of Connecticut

Has been issued to: **City of Bridgeport**

At this location: **Sikorsky Memorial Airport, 1000
Great Meadow Drive**

To conduct the following: **remove a section of berm to restore tidal flow.**

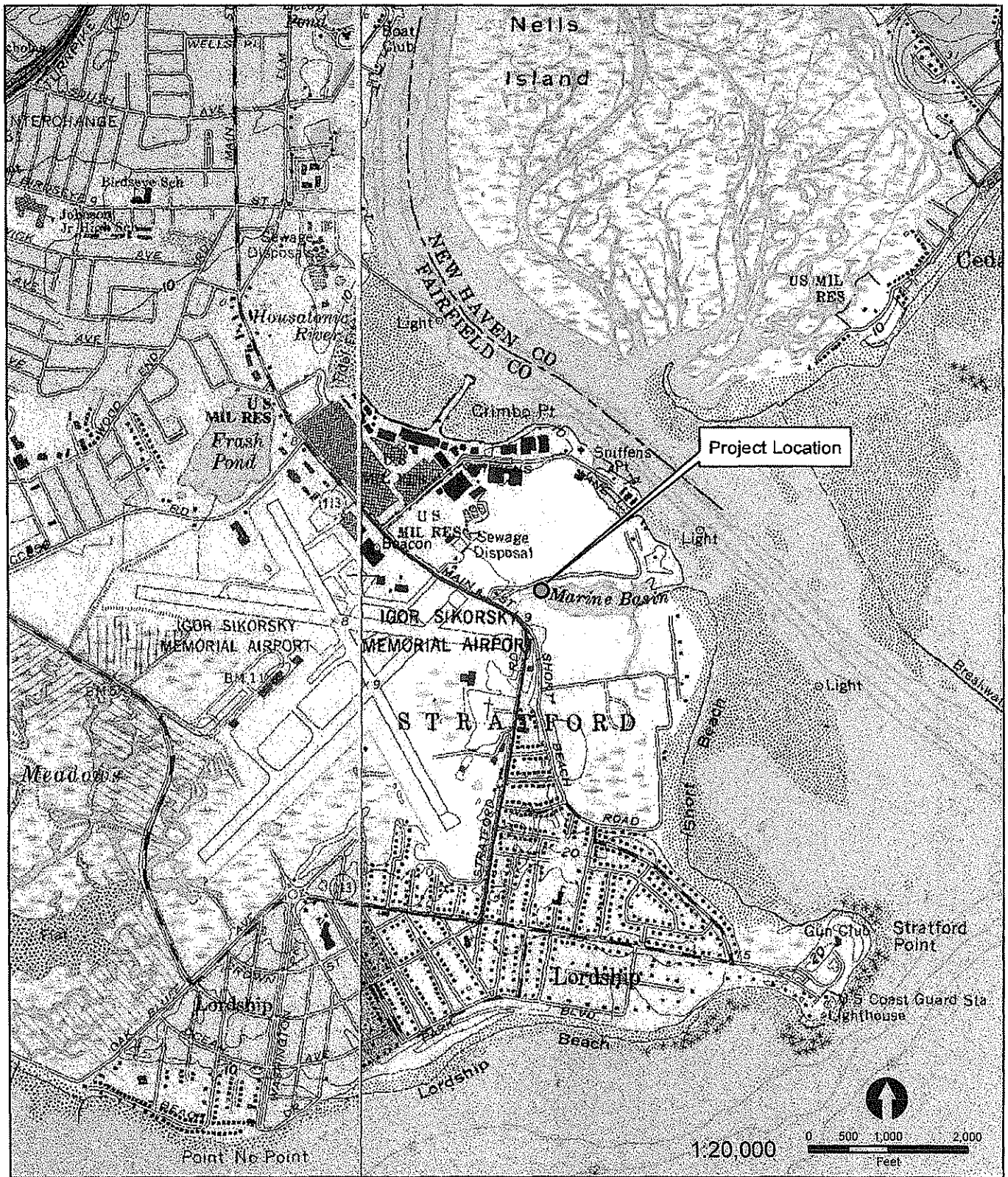
Permit #: **201201271-KZ**

Issued on: **June 4, 2012**

This Authorization expires on: **June 4, 2017**

This Notice must be posted in a conspicuous place on the job during the entire project.

Department of Energy and Environmental Protection
Office of Long Island Sound Programs
79 Elm Street • Hartford, CT 06106-5127
Phone: (860) 424-3034 Fax: (860) 424-4054
www.ct.gov/deep

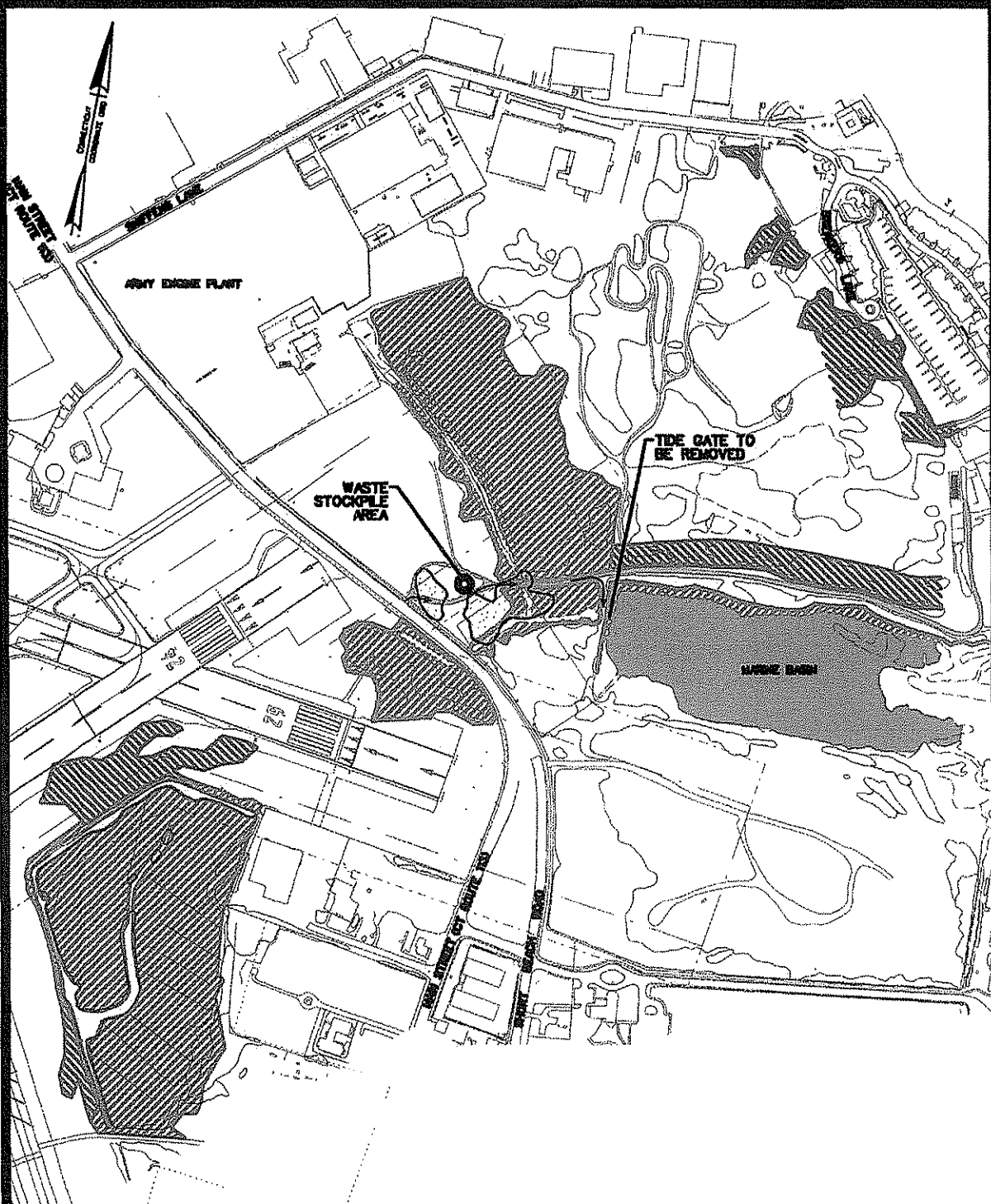









Attachment A: USGS Topographical Quad. Vicinity Map

Igor I. Sikorsky Memorial Airport
 NOV Activities, Stratford, CT

Original in Color FHI

Dated September 2011 728111

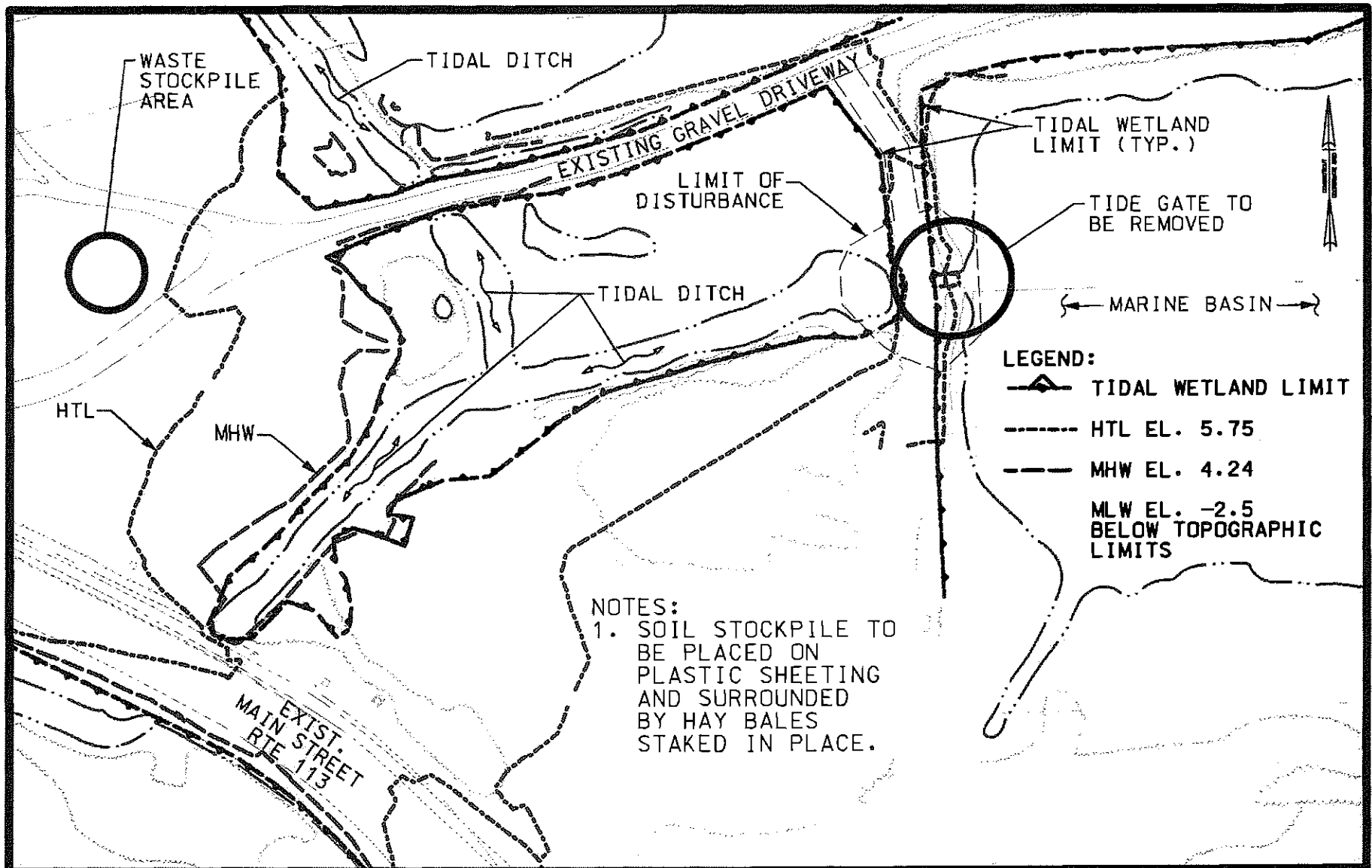


- LEGEND**
-  TIDAL WETLAND (WETLAND FIELD INVESTIGATION AND DELINEATION)
 -  INLAND WETLAND (WETLAND FIELD INVESTIGATION AND DELINEATION)
 -  EXISTING GRAVEL DRIVEWAY
 -  TIDAL WETLAND FLAGGING DELINEATION
 -  INLAND WETLAND FLAGGING DELINEATION
 -  CONTAMINATED SOIL
 -  CONSTRUCTION ACCESS ROUTE



LOCATION PLAN 1

CERTIFICATE OF PERMISSION
 FOR NOTICE OF VIOLATION #LIS-2008-159-IV
 CT DEPT. OF ENVIRONMENTAL PROTECTION
 CITY OF BRIDGEPORT
 IGOR I. SIKORSKY MEMORIAL AIRPORT



CERTIFICATE OF PERMISSION
 FOR NOTICE OF VIOLATION #LIS-2008-159-V
 CT DEPT. OF ENVIRONMENTAL PROTECTION
 CITY OF BRIDGEPORT
 IGOR I. SIKORSKY MEMORIAL AIRPORT

LOCATION PLAN 2

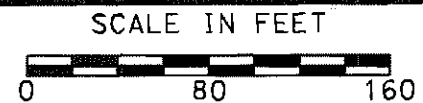
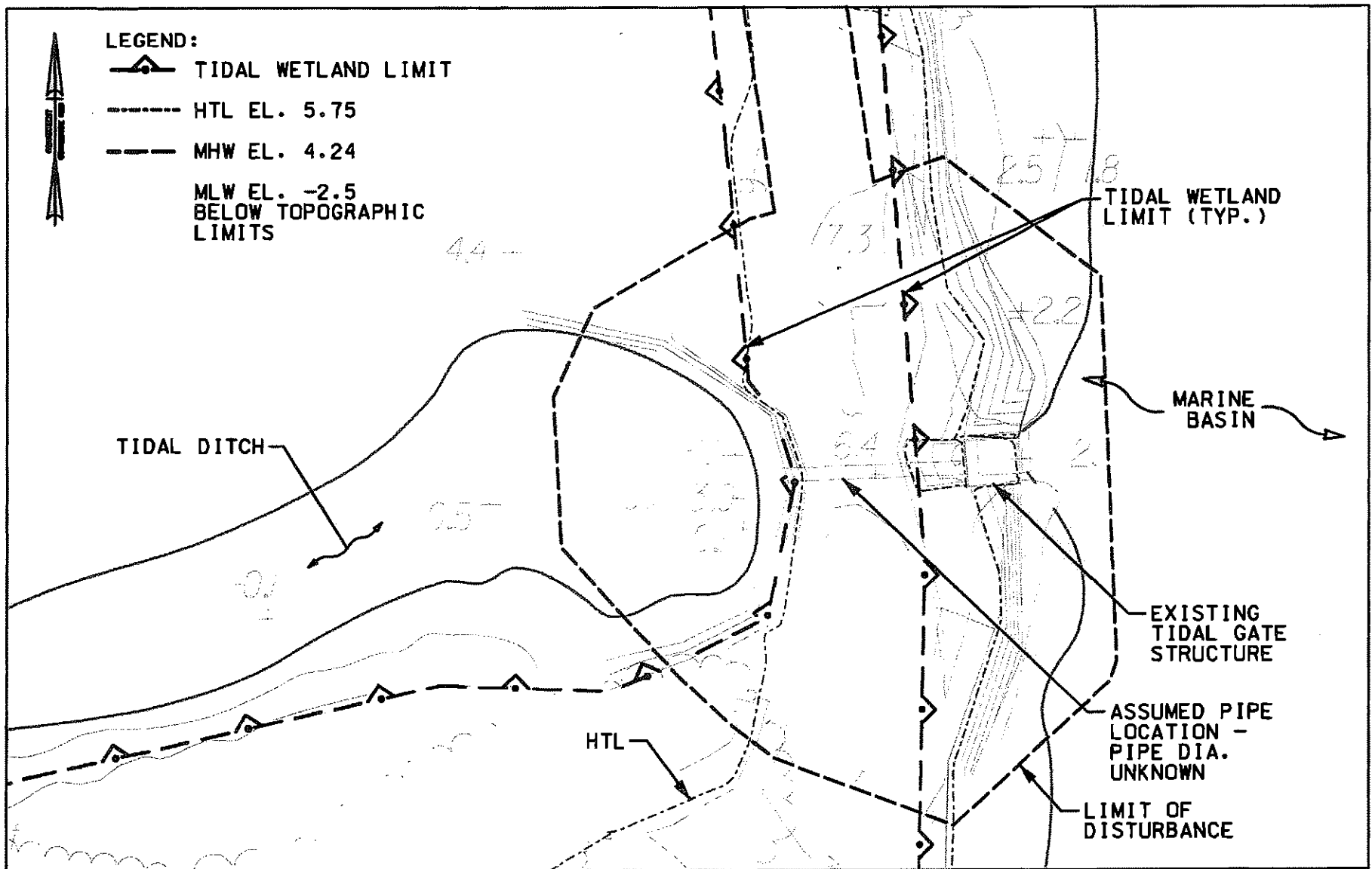
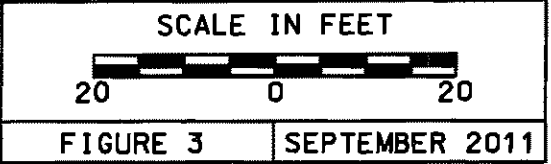


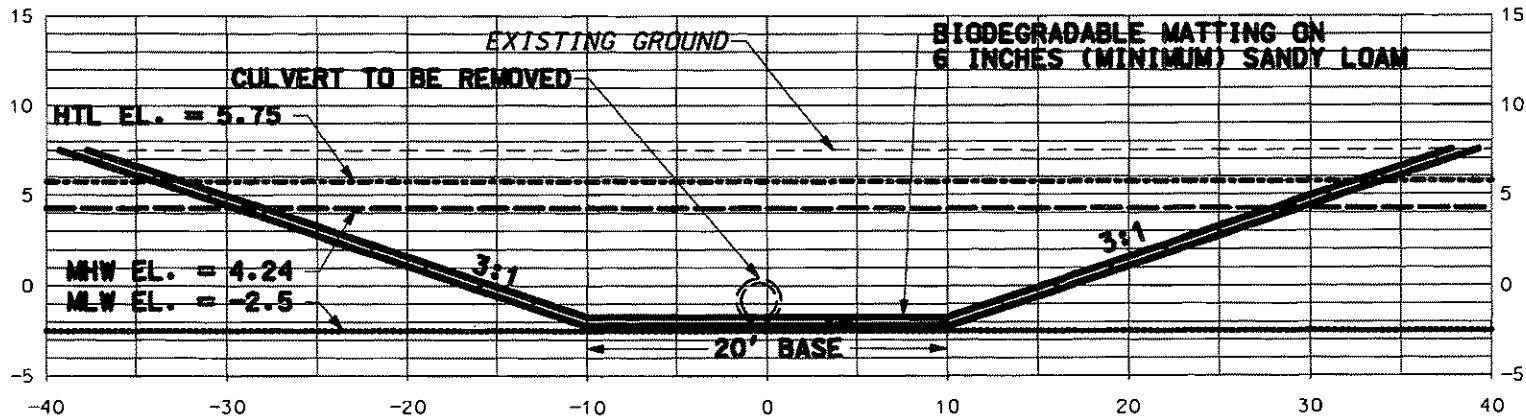
FIGURE 2 SEPTEMBER 2011



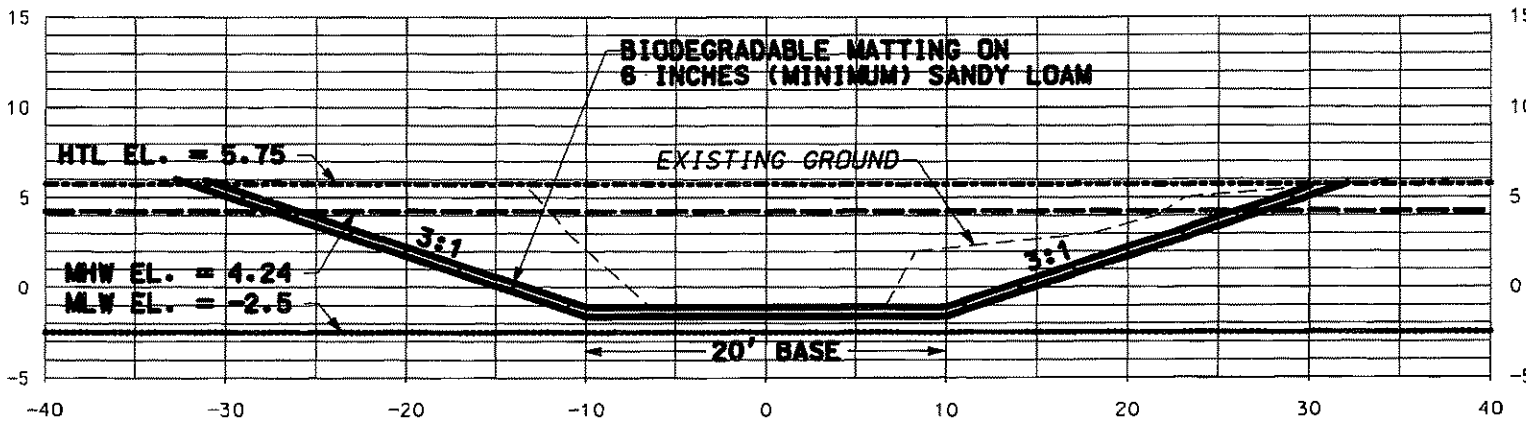
CERTIFICATE OF PERMISSION
 FOR NOTICE OF VIOLATION # LIS-2008-159-V
 CT DEPT. OF ENVIRONMENTAL PROTECTION
 CITY OF BRIDGEPORT
 IGOR I. SIKORSKY MEMORIAL AIRPORT

EXISTING CONDITIONS -
 BERM AND TIDE GATE
 AT MARINE BASIN





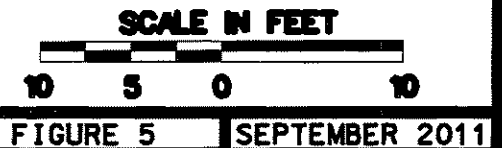
BERM REMOVAL SECTION B-B

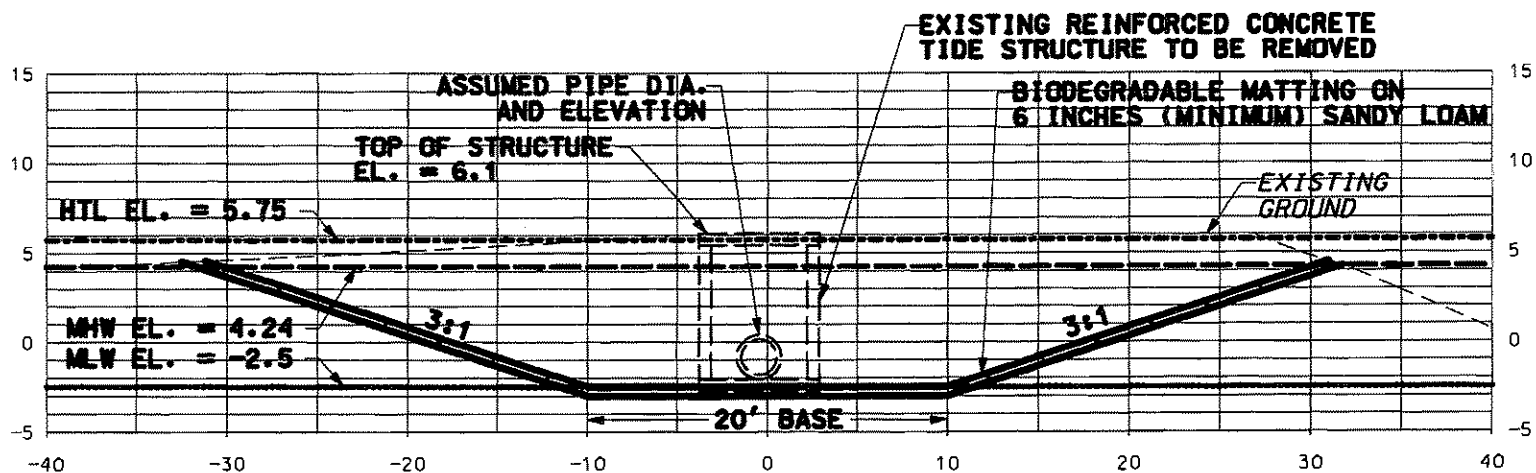


BERM REMOVAL SECTION A-A

CERTIFICATE OF PERMISSION
 FOR NOTICE OF VIOLATION #LIS-2008-159-V
 CT DEPT. OF ENVIRONMENTAL PROTECTION
 CITY OF BRIDGEPORT
 IGOR I. SIKORSKY MEMORIAL AIRPORT

PROPOSED BERM AND
 TIDE GATE REMOVAL
 CROSS SECTIONS





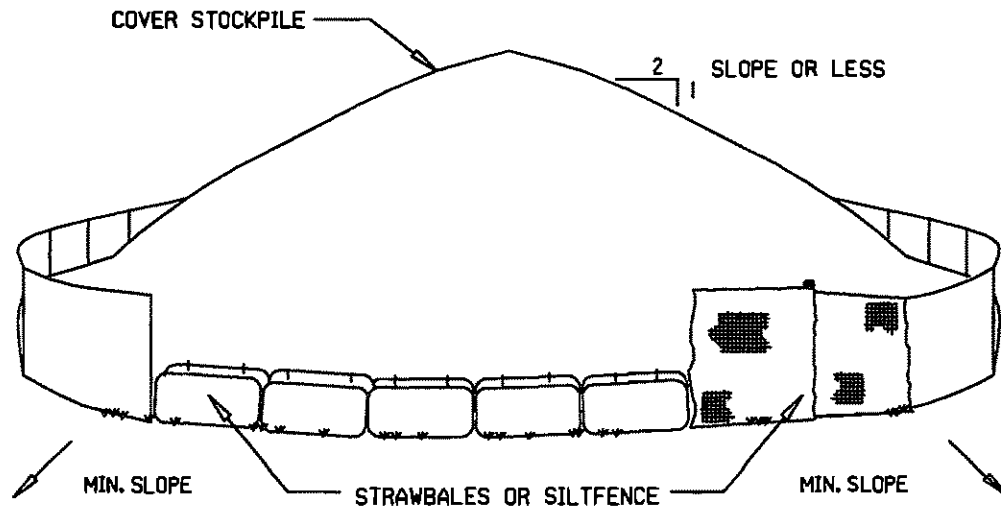
**BERM REMOVAL
SECTION C-C**

**CERTIFICATE OF PERMISSION
FOR NOTICE OF VIOLATION #LIS-2008-159-V
CT DEPT. OF ENVIRONMENTAL PROTECTION
CITY OF BRIDGEPORT
IGOR I. SIKORSKY MEMORIAL AIRPORT**

**PROPOSED BERM AND
TIDE GATE REMOVAL
CROSS SECTIONS**



FIGURE 6 SEPTEMBER 2011



NOTES:

1. CONTAMINATED MATERIALS SHALL NOT BE STOCKPILED. IF ENCOUNTERED, CONTAMINATED MATERIALS SHALL BE STORED AND TRANSPORTED OFF-SITE IN ROLL-OFF CONTAINERS.
2. GROUND BELOW STOCKPILE SHALL BE DRY, STABLE, AND LEVEL.
3. STOCKPILE SHALL BE LOCATED A MINIMUM OF 100' FROM WETLANDS.
4. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
5. STOCKPILE SHALL BE COVERED WHEN THE CONTRACTOR IS NOT ACTIVELY STOCKPILING MATERIAL.
6. STOCKPILED MATERIAL SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF PRIOR TO THE COMPLETION OF CONSTRUCTION ACTIVITIES. UPON REMOVAL OF STOCKPILE THE CONTRACTOR SHALL REGRADE, TOPSOIL, SEED AND MULCH THE DISTURBED AREA.

CERTIFICATE OF PERMISSION
 FOR NOTICE OF VIOLATION # LIS-2008-159-V
 CT DEPT. OF ENVIRONMENTAL PROTECTION
 CITY OF BRIDGEPORT
 IGOR I. SIKORSKY MEMORIAL AIRPORT

WASTE STOCKPILE DETAIL

NOT TO SCALE

FIGURE 7 | SEPTEMBER 2011

SEQUENCE OF CONSTRUCTION
TIDE GATE AND BERM REMOVAL

GENERAL

1. PRIOR TO THE START OF CONSTRUCTION, AREA TO BE EXCAVATED SHALL BE TESTED FOR CONTAMINATION. IF CONTAMINATED MATERIALS ARE FOUND WITHIN THE LIMITS OF EXCAVATION, THEY WILL BE PLACED IN ROLL-OFF CONTAINERS AND LEGALLY DISPOSED OF OFF-SITE IN ACCORDANCE WITH ALL APPLICABLE STATE AND FEDERAL REGULATIONS. WET CONTAMINATED SOILS WILL FIRST BE DEWATERED BY PLACING ON PLASTIC SHEETING SURROUNDED BY HAY BALES. CONTAMINATED WATER WILL BE COLLECTED IN 50 GALLON DRUMS AND PROPERLY DISPOSED OF OFF-SITE IN ACCORDANCE WITH APPLICABLE FEDERAL AND STATE REGULATIONS. STOCKPILING OF CONTAMINATED MATERIALS ON-SITE WILL NOT BE ALLOWED. ALL PERSONNEL INVOLVED IN EXCAVATING AND/OR HANDLING WASTE MATERIALS WILL HAVE RECEIVED HAZARDOUS WASTE TRAINING IN ACCORDANCE WITH OSHA 1910.120 REQUIREMENTS. COORDINATE WITH EPA AND CTDEEP PRIOR TO EXCAVATION.
2. ALL CONSTRUCTION SHALL BE SEQUENCED SO AS TO MINIMIZE THE DURATION OF CONSTRUCTION ACTIVITIES.
3. ALL MATERIALS REQUIRED FOR CONSTRUCTION SHALL BE ON SITE PRIOR TO THE START OF THE ACTIVITY TO AVOID CONSTRUCTION DELAYS DUE TO MATERIALS DELIVERY.
4. THE CONTRACTOR SHALL PROVIDE ADVANCED NOTIFICATION OF THE CONSTRUCTION SCHEDULE TO THE CITY OF BRIDGEPORT, TOWN OF STRATFORD, THE CONNECTICUT DEPARTMENT OF TRANSPORTATION, THE ARMY ENGINE PLANT, AND THE RESIDENTS LOCATED ALONG THE DRIVEWAY USED TO ACCESS THE WORK AREA.

SPECIFIC

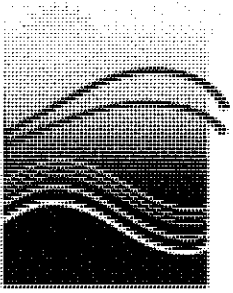
1. INSTALL THE TURBIDITY CURTAIN BARRIERS UPSTREAM AND DOWNSTREAM OF THE TIDE GATE STRUCTURE.
2. WORK WILL BE CONDUCTED IN THE WET DURING LOW TIDE. A BACKHOE OR SMALL EXCAVATOR WILL BE USED TO EXCAVATE AND REMOVE TIDE GATE STRUCTURE. THE SURROUNDING BERM WILL BE REMOVED, AS NECESSARY, IN ORDER TO FACILITATE REMOVAL OF THE TIDE GATE. IT IS ANTICIPATED THE EXCAVATED AREA WILL BE UP TO 20 FEET WIDE, WITH A 3:1 SLOPE.
3. WET EXCAVATED SOILS WILL BE DEWATERED BY PLACING ON PLASTIC SHEETING SURROUNDED BY HAY BALES.
4. WORKING FROM SOUTH TO NORTH IN 10-15 FOOT INCREMENTS, EXCAVATE BERM AND PIPE TO 6 INCHES (MINIMUM) BELOW FINISHED GRADE. INSTALL SANDY LOAM TO FINISHED GRADE. WORK AT LOWEST ELEVATIONS SHALL BE PERFORMED AS NEAR TO LOW TIDE AS POSSIBLE. EXCAVATED MATERIAL WILL BE TRANSPORTED ALONG THE TOP OF THE EARTHEN BERM, TO THE GRAVEL DRIVEWAY, WHERE IT WILL THEN BE TAKEN AND STOCKPILED ON PLASTIC SHEETING. THE STOCKPILE WILL BE LOCATED ON AN UPLAND AREA ON AIRPORT PROPERTY APPROXIMATELY 500 FEET WEST OF THE EXCAVATION SITE. THE STOCKPILED SOIL WILL BE SURROUNDED BY HAY BALES STAKED IN PLACE.
5. STABILIZE ALL DISTURBED AREAS WITH BIODEGRADABLE MATTING.
6. REMOVE TURBIDITY CONTROL CURTAIN BARRIERS.
7. ALLOW RE-VEGETATION OF THE SITE TO OCCUR NATURALLY.

CERTIFICATE OF PERMISSION
FOR NOTICE OF VIOLATION • LIS-2008-159-V
CT DEPT. OF ENVIRONMENTAL PROTECTION
CITY OF BRIDGEPORT
IGOR I. SIKORSKY MEMORIAL AIRPORT

SEQUENCE OF CONSTRUCTION

FIGURE 8

FEBRUARY 2012



Connecticut Department of

**ENERGY &
ENVIRONMENTAL
PROTECTION**

OFFICE OF LONG ISLAND SOUND PROGRAMS

APPENDIX A

**TO: Permit Section
Department of Energy and Environmental Protection
Office of Long Island Sound Programs
79 Elm Street
Hartford, CT 06106-5127**

Certificate Holder: City of Bridgeport
1000 Great Meadow Drive
Stratford, CT 06615

Certificate No: 201201271-KZ, Bridgeport

CONTRACTOR 1: _____

Address: _____

Telephone #: _____

CONTRACTOR 2: _____

Address: _____

Telephone #: _____

CONTRACTOR 3: _____

Address: _____

Telephone #: _____

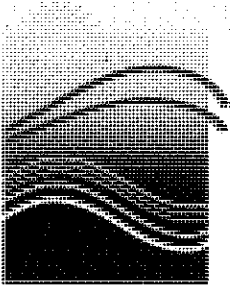
EXPECTED DATE OF COMMENCEMENT OF WORK: _____

EXPECTED DATE OF COMPLETION OF WORK: _____

CERTIFICATE HOLDER: _____

(signature)

(date)



Connecticut Department of
**ENERGY &
ENVIRONMENTAL
PROTECTION**

**OFFICE OF LONG ISLAND SOUND PROGRAMS
APPENDIX B**

CERTIFICATE OF PERMIT ISSUANCE

To: Stratford City Clerk

**Signature and
Date:**


6-7-12

Subject: City of Bridgeport Sikorsky Memorial Airport, Marine Basin off Housatonic River located off property at 1000 Great Meadow Drive, Certificate of Permission #201201271-KZ

Pursuant to Section 22a-363g and Section 22a-363b of the Connecticut General Statutes, the Commissioner of Energy and Environmental Protection gives notice that a certificate has been issued to City of Bridgeport Sikorsky Memorial Airport:

1. remove an existing tidal gate and section of earthen berm located south of the existing gravel driveway located off Main Street, Route 113 as follows:
 - a. temporarily install a turbidity control curtain on the upstream and downstream sides of the area of removed earthen berm as shown on Figure 4., of the plans attached hereto;
 - b. excavate approximately 525 cubic yards of earthen fill including removal of an existing reinforced concrete tide gate structure and pipe over an approximately 6,000 square foot area to a depth of -2.0' NGVD for a 20 foot wide base with 3:1 side slopes terminating at elevation 5.75' NGVD;
 - c. place 6 inches of a sandy loam if required on the 3:1 side slopes to enhance tidal wetland plant growth and cover the side slopes with a biodegradable matting.

If you have any questions pertaining to this matter, please contact the Office of Long Island Sound Programs at 860-424-3626.



United States Army Corps of Engineers, New England District
Stratford Army Engine Plant, Stratford, CT
DRAFT FINAL Focused Feasibility Study

APPENDIX E

Causeway Stative Load Analysis

File Name: Stratford_FS_Causeway-Stability.gsz
 Name: 1a_Causeway - Existing Conditions 1
 Date: 9/13/2017

112.87402, 186.81102

Name: Sediment 180 psf	Unit Weight: 94 pcf	Cohesion: 180 psf
Name: Sediment 240 psf	Unit Weight: 88 pcf	Cohesion: 240 psf
Name: Sediment 310 psf	Unit Weight: 78 pcf	Cohesion: 310 psf
Name: Fill	Unit Weight: 130 pcf	Cohesion: 0 psf Phi: 33 °
Name: Sediment 630 psf	Unit Weight: 96 pcf	Cohesion: 630 psf
Name: Sediment 770 psf	Unit Weight: 86 pcf	Cohesion: 770 psf
Name: Sediment 900 psf	Unit Weight: 80 pcf	Cohesion: 900 psf
Name: Sediment 380 psf	Unit Weight: 80 pcf	Cohesion: 380 psf
Name: Sand & Gravel	Unit Weight: 120 pcf	Cohesion: 0 psf Phi: 32 °
Name: Fine Sand & Silt	Unit Weight: 120 pcf	Cohesion: 0 psf Phi: 34 °

Method: Spencer

F of S: 1.52

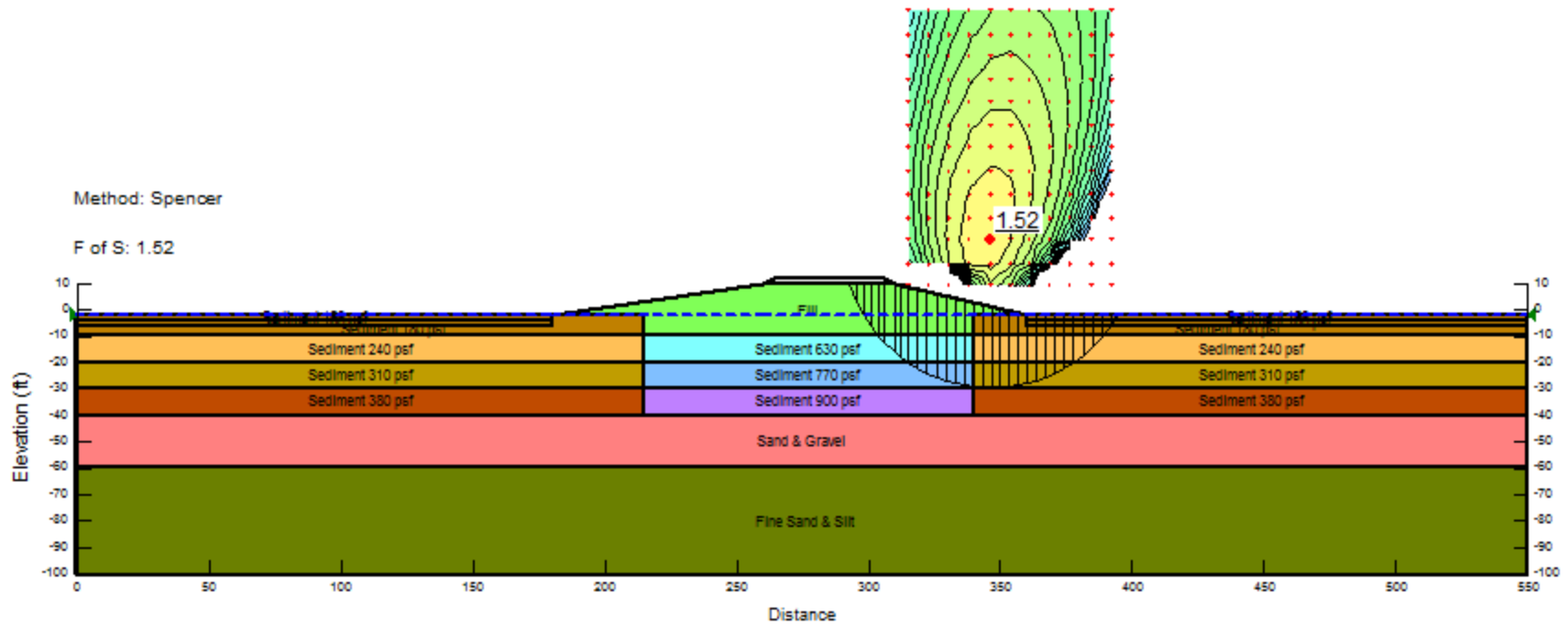


Figure 1 – Existing Conditions of Causeway

File Name: Stratford_FS_Causeway-Stability.gsz
 Name: 2a_Causeway - No Dredge - Temporary Road 1
 Date: 9/13/2017

Name: Sediment 180 psf	Unit Weight: 94 pcf	Cohesion: 180 psf
Name: Sediment 240 psf	Unit Weight: 88 pcf	Cohesion: 240 psf
Name: Sediment 310 psf	Unit Weight: 78 pcf	Cohesion: 310 psf
Name: Fill	Unit Weight: 130 pcf	Cohesion: 0 psf Phi: 33 °
Name: Sediment 630 psf	Unit Weight: 96 pcf	Cohesion: 630 psf
Name: Sediment 770 psf	Unit Weight: 86 pcf	Cohesion: 770 psf
Name: Sediment 900 psf	Unit Weight: 80 pcf	Cohesion: 900 psf
Name: Sediment 380 psf	Unit Weight: 80 pcf	Cohesion: 380 psf
Name: Sand & Gravel	Unit Weight: 120 pcf	Cohesion: 0 psf Phi: 32 °
Name: Fine Sand & Silt	Unit Weight: 120 pcf	Cohesion: 0 psf Phi: 34 °
Name: Temporary Road	Unit Weight: 130 pcf	Cohesion: 0 psf Phi: 34 °

Method: Spencer

F of S: 1.42

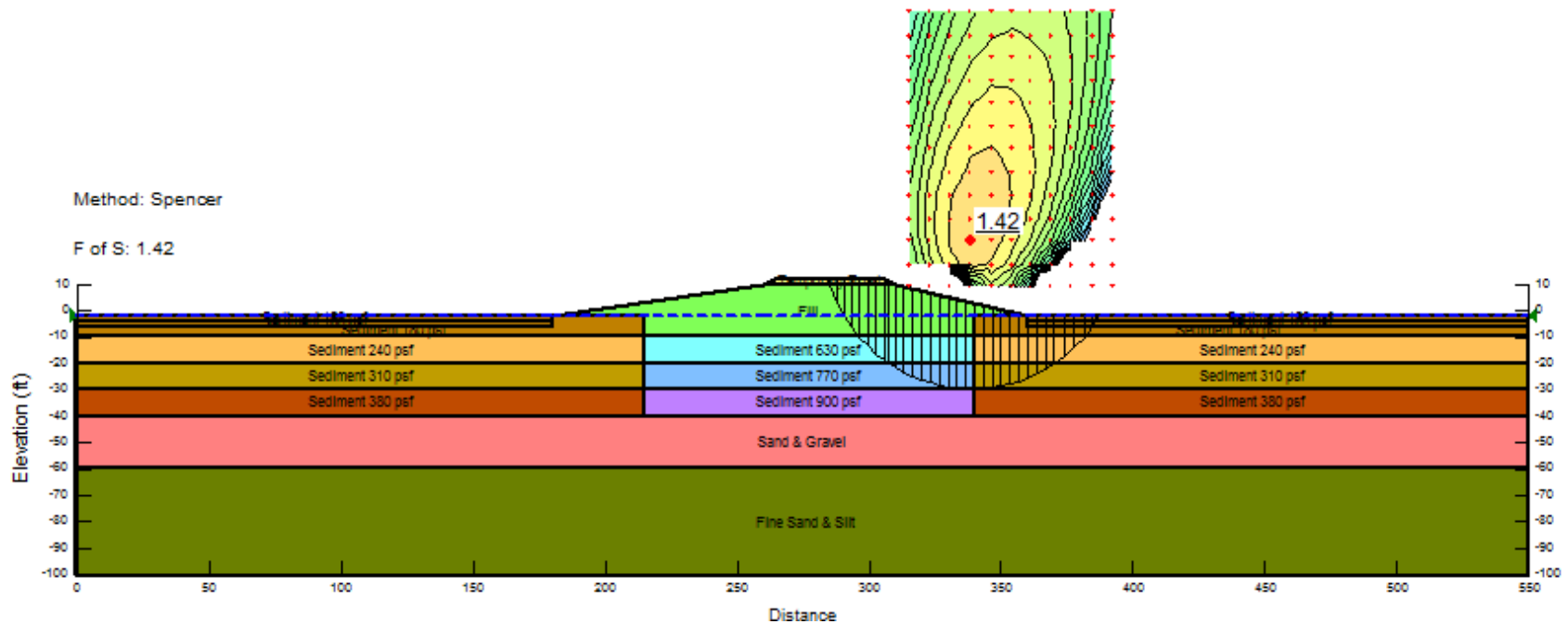


Figure 2 – Causeway with 2-foot Thick Construction Access Road

File Name: Stratford_FS_Causeway-Stability.gsz
 Name: 3a_Causeway - No Dredge - 900 psf Equipment
 Date: 9/13/2017

Name: Sediment 180 psf	Unit Weight: 94 pcf	Cohesion: 180 psf
Name: Sediment 240 psf	Unit Weight: 88 pcf	Cohesion: 240 psf
Name: Sediment 310 psf	Unit Weight: 78 pcf	Cohesion: 310 psf
Name: Fill	Unit Weight: 130 pcf	Cohesion: 0 psf Phi: 33 °
Name: Sediment 630 psf	Unit Weight: 96 pcf	Cohesion: 630 psf
Name: Sediment 770 psf	Unit Weight: 86 pcf	Cohesion: 770 psf
Name: Sediment 900 psf	Unit Weight: 80 pcf	Cohesion: 900 psf
Name: Sediment 380 psf	Unit Weight: 80 pcf	Cohesion: 380 psf
Name: Sand & Gravel	Unit Weight: 120 pcf	Cohesion: 0 psf Phi: 32 °
Name: Fine Sand & Silt	Unit Weight: 120 pcf	Cohesion: 0 psf Phi: 34 °
Name: Temporary Road	Unit Weight: 130 pcf	Cohesion: 0 psf Phi: 34 °

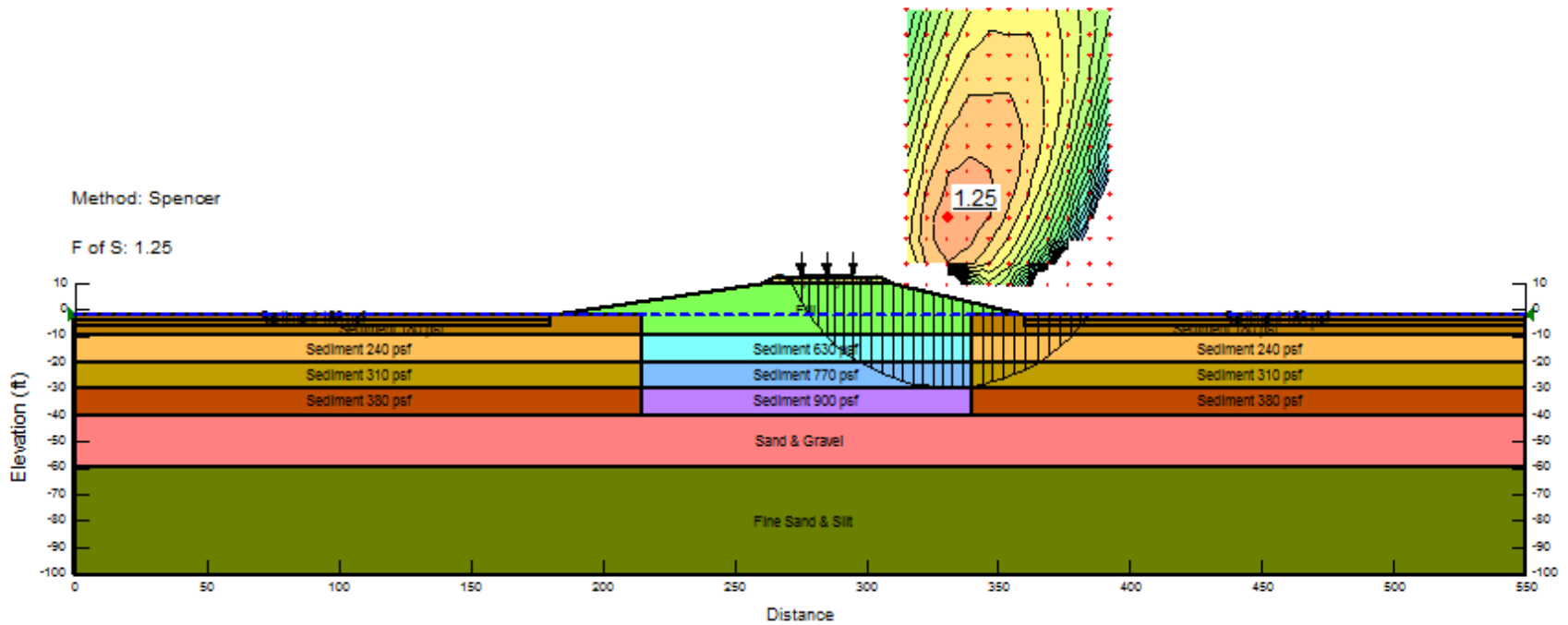


Figure 3 – Causeway with 20-foot Wide, 900 psf Equipment Surcharge Load (No Dredge)

5.47244, 228.54331

Name: Stratford_FS_Causeway-Stability.gsz
Name: 4a_Causeway - 2' Dredge - 700 psf Equipment
Date: 9/13/2017

Name: Sediment 180 psf	Unit Weight: 94 pcf	Cohesion: 180 psf	
Name: Sediment 240 psf	Unit Weight: 88 pcf	Cohesion: 240 psf	
Name: Sediment 310 psf	Unit Weight: 78 pcf	Cohesion: 310 psf	
Name: Fill	Unit Weight: 130 pcf	Cohesion: 0 psf	Phi: 33 °
Name: Sediment 630 psf	Unit Weight: 96 pcf	Cohesion: 630 psf	
Name: Sediment 770 psf	Unit Weight: 86 pcf	Cohesion: 770 psf	
Name: Sediment 900 psf	Unit Weight: 80 pcf	Cohesion: 900 psf	
Name: Sediment 380 psf	Unit Weight: 80 pcf	Cohesion: 380 psf	
Name: Sand & Gravel	Unit Weight: 120 pcf	Cohesion: 0 psf	Phi: 32 °
Name: Fine Sand & Silt	Unit Weight: 120 pcf	Cohesion: 0 psf	Phi: 34 °
Name: Temporary Road	Unit Weight: 130 pcf	Cohesion: 0 psf	Phi: 34 °

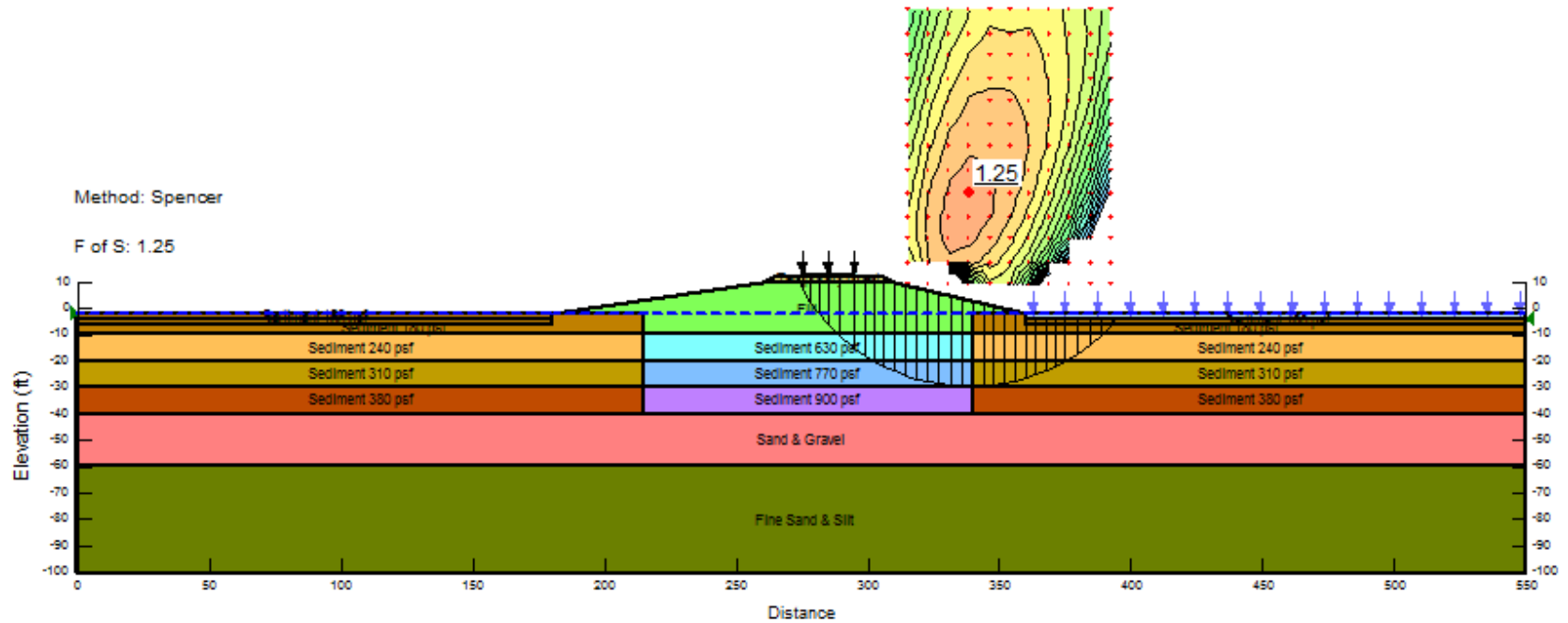


Figure 4 – Causeway with 20-foot Wide, 700 psf Equipment Surcharge Load (2-foot Dredge)

File Name: Stratford_FS_Causeway-Stability.gsz
 Name: 5a_Causeway - 4' Dredge - 500 psf Equipment
 Date: 9/13/2017

Name: Sediment 180 psf	Unit Weight: 94 pcf	Cohesion: 180 psf
Name: Sediment 240 psf	Unit Weight: 88 pcf	Cohesion: 240 psf
Name: Sediment 310 psf	Unit Weight: 78 pcf	Cohesion: 310 psf
Name: Fill	Unit Weight: 130 pcf	Cohesion: 0 psf Phi: 33 °
Name: Sediment 630 psf	Unit Weight: 96 pcf	Cohesion: 630 psf
Name: Sediment 770 psf	Unit Weight: 86 pcf	Cohesion: 770 psf
Name: Sediment 900 psf	Unit Weight: 80 pcf	Cohesion: 900 psf
Name: Sediment 380 psf	Unit Weight: 80 pcf	Cohesion: 380 psf
Name: Sand & Gravel	Unit Weight: 120 pcf	Cohesion: 0 psf Phi: 32 °
Name: Fine Sand & Silt	Unit Weight: 120 pcf	Cohesion: 0 psf Phi: 34 °
Name: Temporary Road	Unit Weight: 130 pcf	Cohesion: 0 psf Phi: 34 °

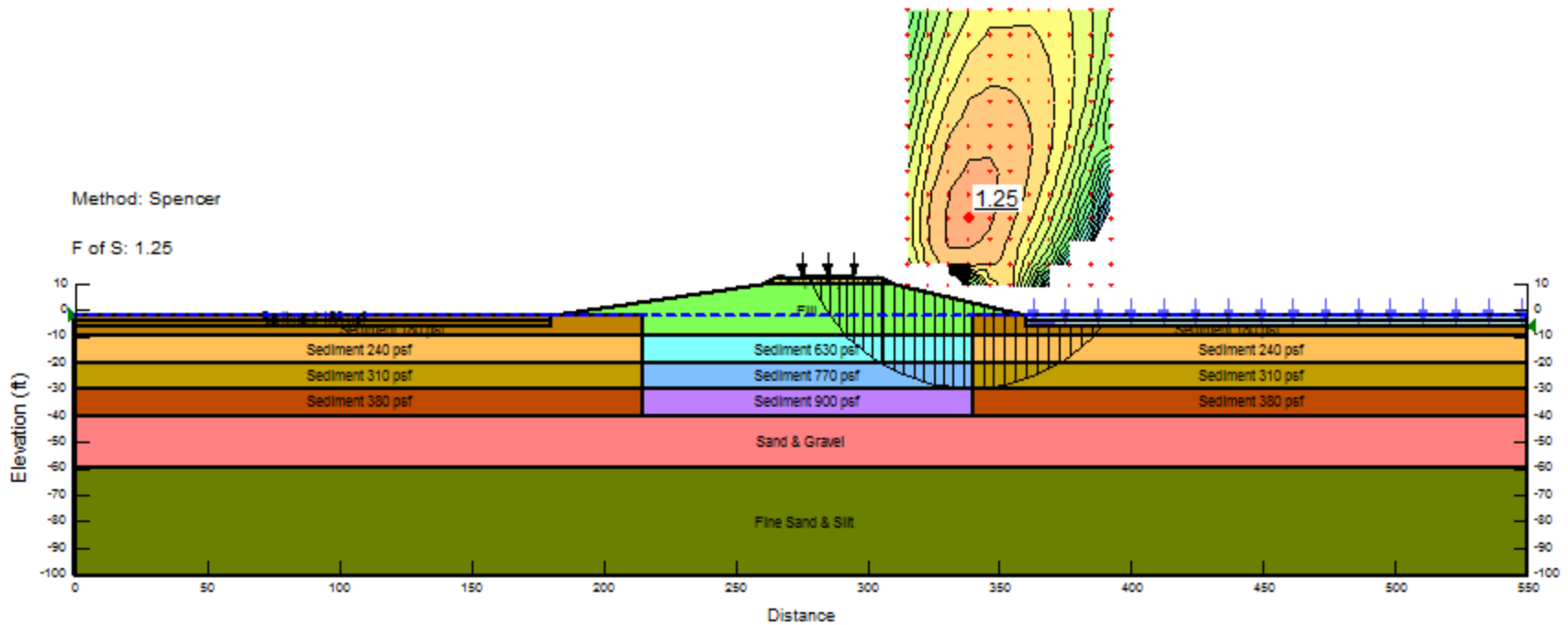


Figure 5 – Causeway with 20-foot Wide, 500 psf Equipment Surcharge Load (4-foot Dredge)



United States Army Corps of Engineers, New England District
Stratford Army Engine Plant, Stratford, CT
DRAFT FINAL Focused Feasibility Study

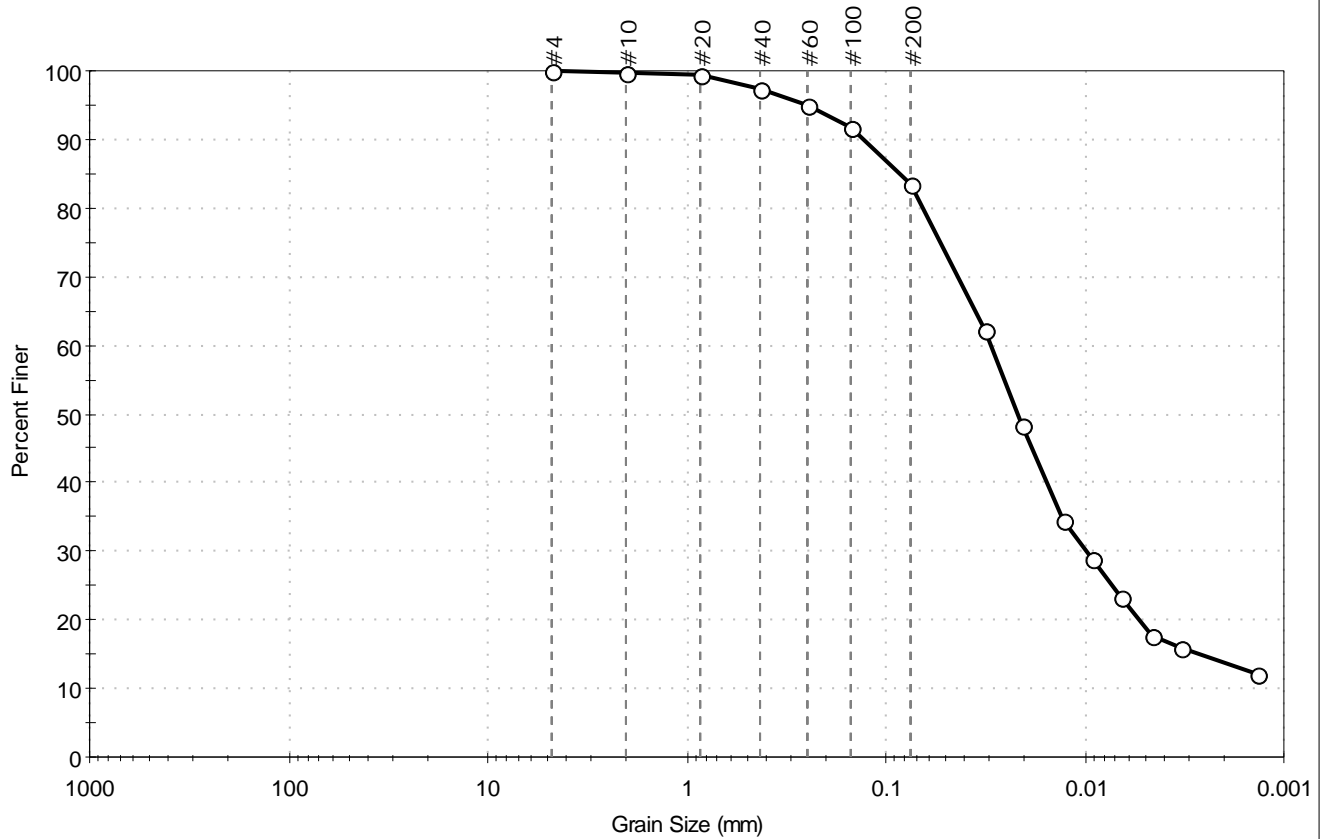
APPENDIX F

Grain-Size Test Results



Client: EnviroSystems, Inc.	Project: 29882	Location: ---	Project No: GTX-307249
Boring ID: SDT5010003	Sample Type: jar	Tested By: GA	
Sample ID: 29882-001	Test Date: 11/09/17	Checked By: emm	
Depth: ---	Test Id: 431801		
Test Comment: ---			
Visual Description: Wet, very dark gray silt with sand			
Sample Comment: ---			

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	16.5	83.5

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	97		
#60	0.25	95		
#100	0.15	92		
#200	0.075	84		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0317	62		
---	0.0209	48		
---	0.0129	34		
---	0.0092	29		
---	0.0065	23		
---	0.0046	18		
---	0.0033	16		
---	0.0014	12		

<u>Coefficients</u>	
D ₈₅ = 0.0849 mm	D ₃₀ = 0.0099 mm
D ₆₀ = 0.0296 mm	D ₁₅ = 0.0027 mm
D ₅₀ = 0.0220 mm	D ₁₀ = N/A
C _u = N/A	C _c = N/A

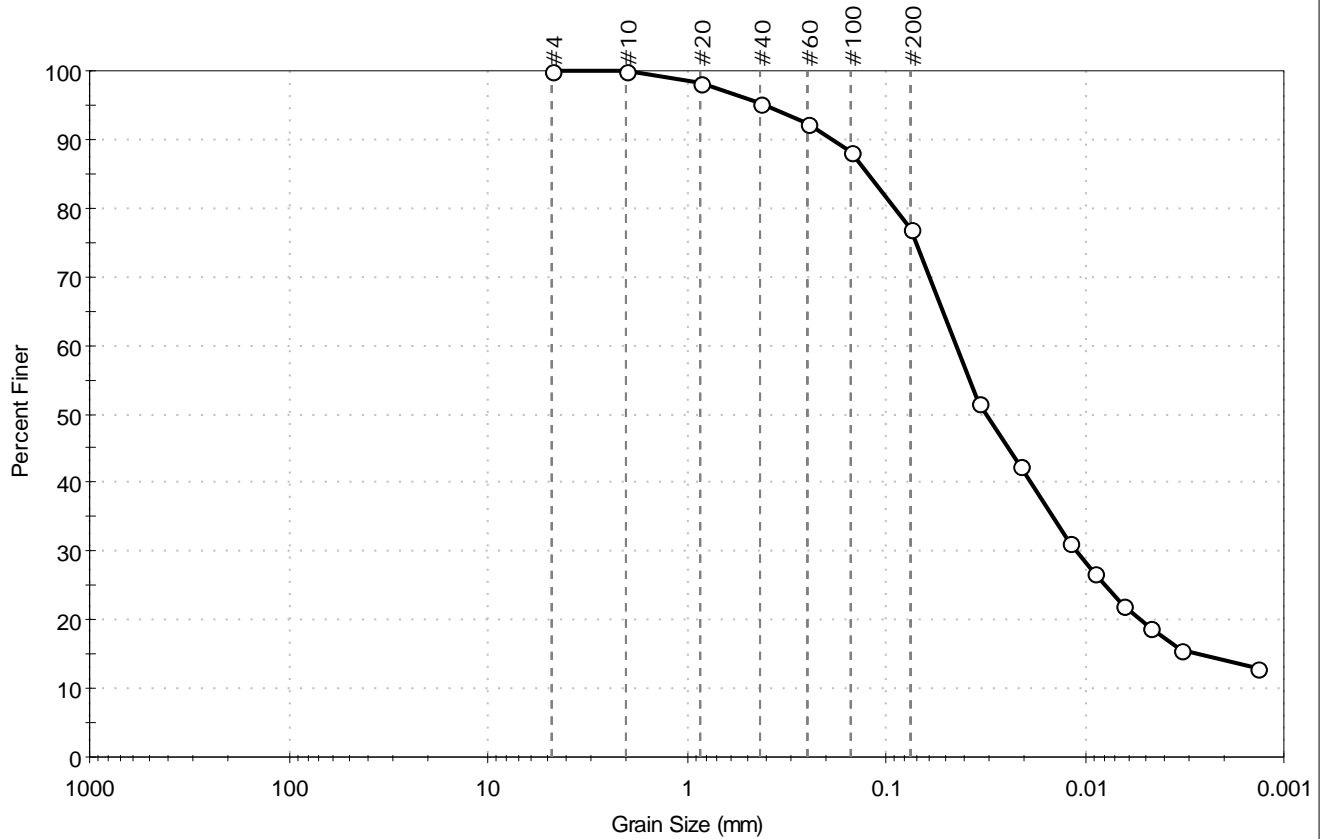
<u>Classification</u>	
<u>ASTM</u>	Elastic SILT with Sand (MH)
<u>AASHTO</u>	Clayey Soils (A-7-5 (41))

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---
Dispersion Device : Apparatus A - Mech Mixer
Dispersion Period : 1 minute
Est. Specific Gravity : 2.65
Separation of Sample: #200 Sieve



Client: EnviroSystems, Inc.	Project: 29882	Location: ---	Project No: GTX-307249
Boring ID: SDT5020001	Sample Type: jar	Tested By: GA	
Sample ID: 29882-002	Test Date: 11/09/17	Checked By: emm	
Depth: ---	Test Id: 431802		
Test Comment: ---			
Visual Description: Wet, very dark gray silt with sand			
Sample Comment: ---			

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	23.1	76.9

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	98		
#40	0.42	95		
#60	0.25	92		
#100	0.15	88		
#200	0.075	77		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0341	52		
---	0.0211	43		
---	0.0120	31		
---	0.0090	27		
---	0.0065	22		
---	0.0047	19		
---	0.0033	16		
---	0.0014	13		

<u>Coefficients</u>	
D ₈₅ = 0.1227 mm	D ₃₀ = 0.0111 mm
D ₆₀ = 0.0441 mm	D ₁₅ = 0.0027 mm
D ₅₀ = 0.0311 mm	D ₁₀ = N/A
C _u = N/A	C _c = N/A

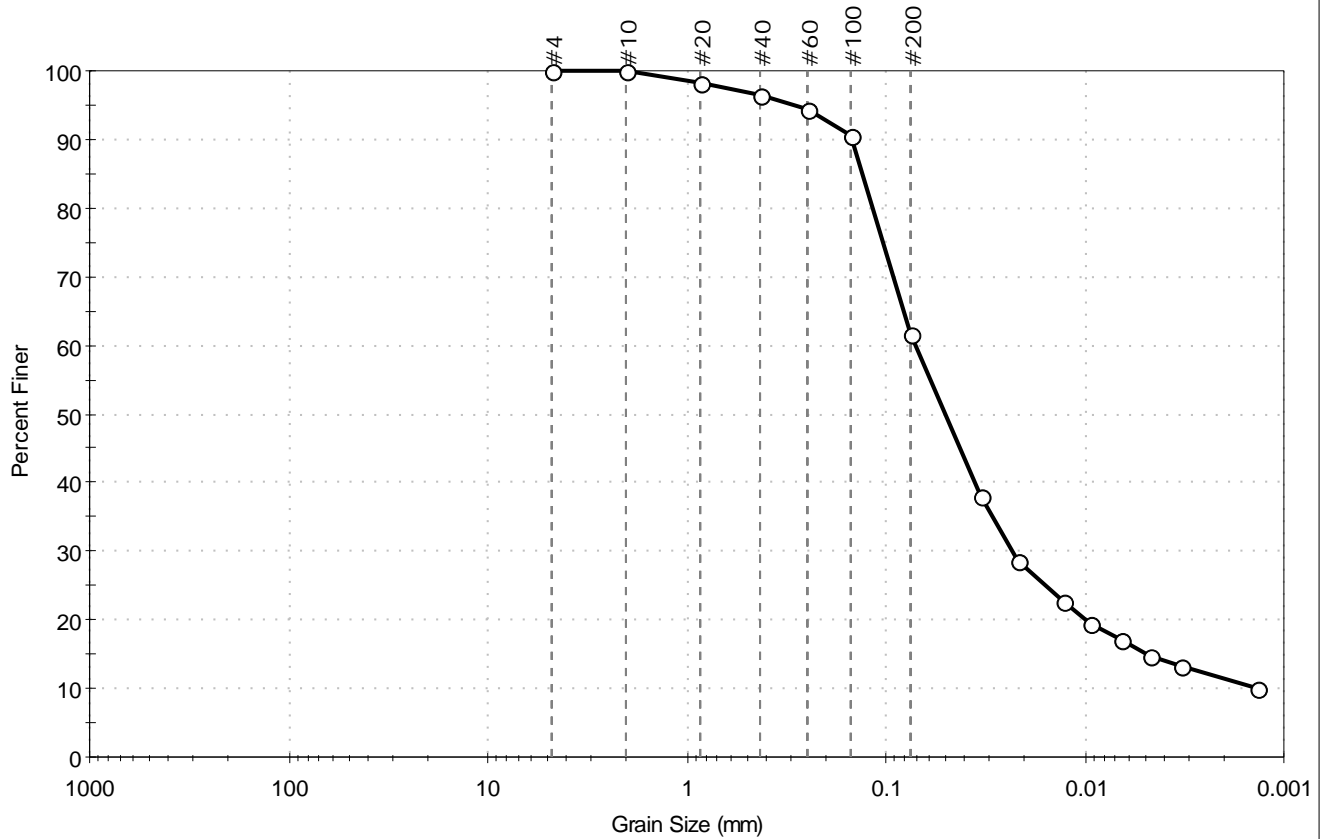
<u>Classification</u>	
<u>ASTM</u>	Elastic SILT with Sand (MH)
<u>AASHTO</u>	Clayey Soils (A-7-5 (34))

<u>Sample/Test Description</u>	
Sand/Gravel Particle Shape : ---	
Sand/Gravel Hardness : ---	
Dispersion Device : Apparatus A - Mech Mixer	
Dispersion Period : 1 minute	
Est. Specific Gravity : 2.65	
Separation of Sample: #200 Sieve	



Client: EnviroSystems, Inc.	Project: 29882	Location: ---	Project No: GTX-307249
Boring ID: SDT5030002	Sample Type: jar	Tested By: GA	
Sample ID: 29882-003	Test Date: 11/09/17	Checked By: emm	
Depth: ---	Test Id: 431803		
Test Comment: ---			
Visual Description: Wet, very dark gray sandy silt			
Sample Comment: ---			

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	38.4	61.6

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	98		
#40	0.42	96		
#60	0.25	95		
#100	0.15	91		
#200	0.075	62		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0335	38		
---	0.0219	29		
---	0.0130	23		
---	0.0093	19		
---	0.0066	17		
---	0.0047	15		
---	0.0033	13		
---	0.0014	10		

<u>Coefficients</u>	
D ₈₅ = 0.1312 mm	D ₃₀ = 0.0233 mm
D ₆₀ = 0.0710 mm	D ₁₅ = 0.0049 mm
D ₅₀ = 0.0505 mm	D ₁₀ = N/A
C _u = N/A	C _c = N/A

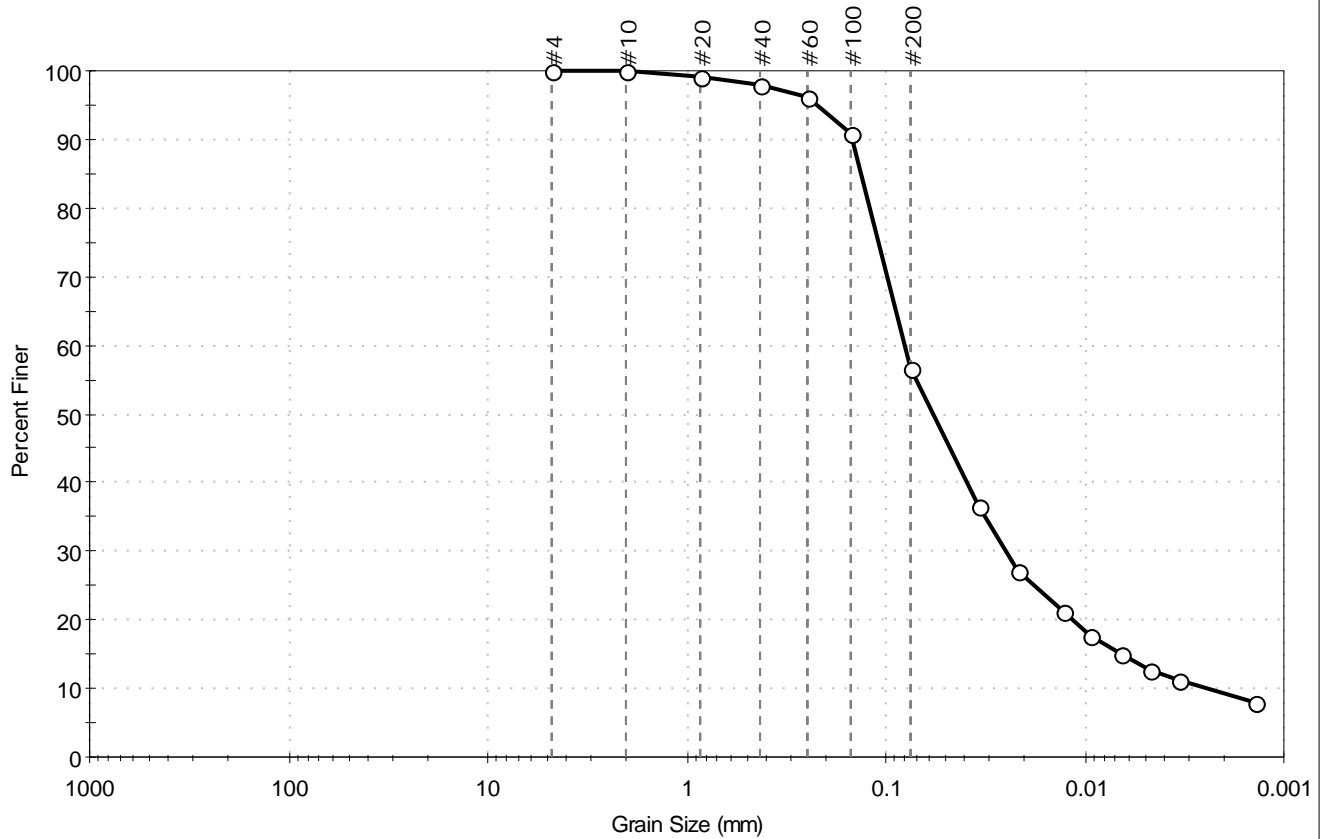
<u>Classification</u>	
<u>ASTM</u>	Sandy Elastic SILT (MH)
<u>AASHTO</u>	Clayey Soils (A-7-5 (16))

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---
Dispersion Device : Apparatus A - Mech Mixer
Dispersion Period : 1 minute
Est. Specific Gravity : 2.65
Separation of Sample: oo Sieve



Client: EnviroSystems, Inc.	Project: 29882	Location: ---	Project No: GTX-307249
Boring ID: SDT5040001	Sample Type: jar	Tested By: GA	
Sample ID: 29882-004	Test Date: 11/09/17	Checked By: emm	
Depth: ---	Test Id: 431804		
Test Comment: ---			
Visual Description: Wet, very dark gray sandy silt			
Sample Comment: ---			

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	43.3	56.7

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	98		
#60	0.25	96		
#100	0.15	91		
#200	0.075	57		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0340	37		
---	0.0215	27		
---	0.0129	21		
---	0.0094	18		
---	0.0067	15		
---	0.0047	13		
---	0.0033	11		
---	0.0014	8		

<u>Coefficients</u>	
D ₈₅ = 0.1330 mm	D ₃₀ = 0.0247 mm
D ₆₀ = 0.0802 mm	D ₁₅ = 0.0065 mm
D ₅₀ = 0.0575 mm	D ₁₀ = 0.0024 mm
C _u = 33.417	C _c = 3.170

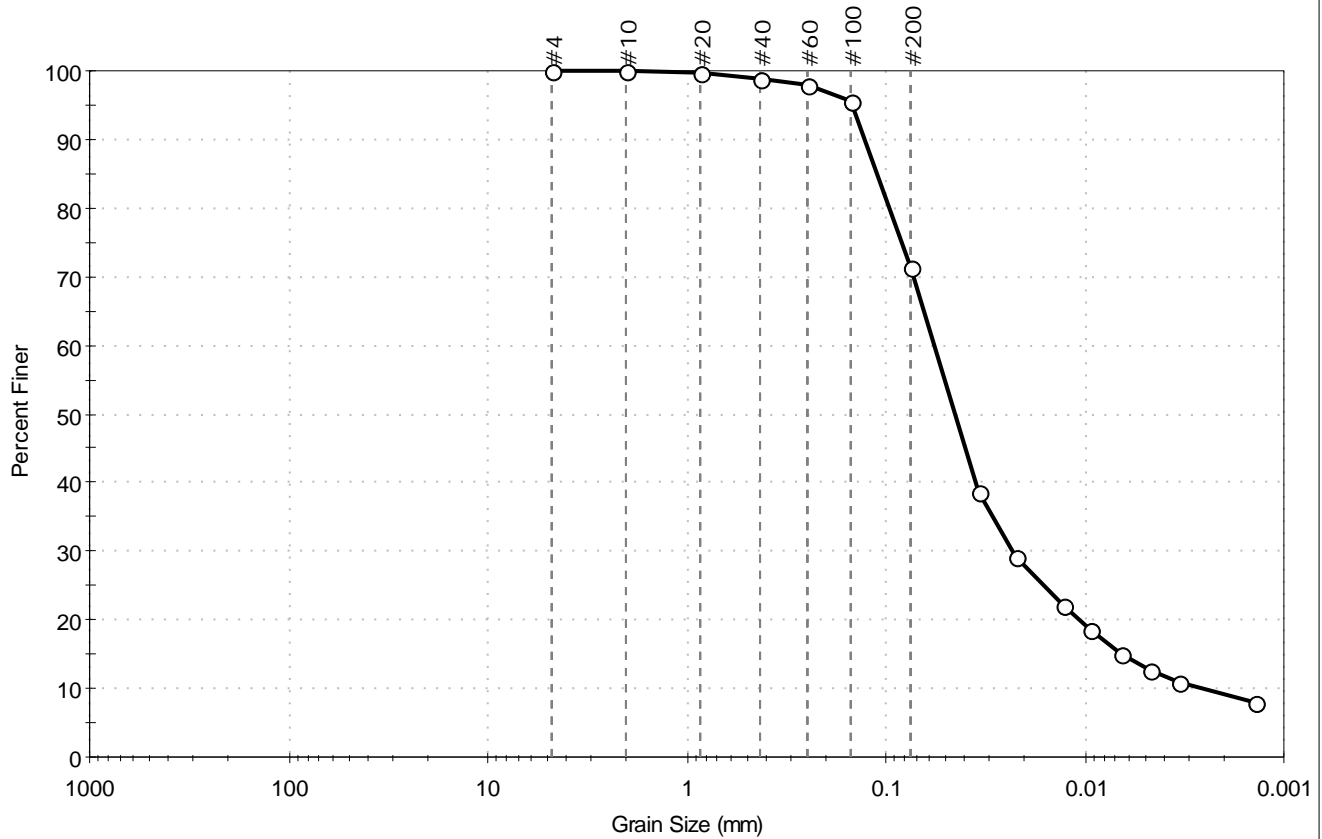
<u>Classification</u>	
<u>ASTM</u>	Sandy Elastic SILT (MH)
<u>AASHTO</u>	Clayey Soils (A-7-5 (8))

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---
Dispersion Device : Apparatus A - Mech Mixer
Dispersion Period : 1 minute
Est. Specific Gravity : 2.65
Separation of Sample: #200 Sieve



Client: EnviroSystems, Inc.	Project: 29882	Location: ---	Project No: GTX-307249
Boring ID: SDT5050002	Sample Type: jar	Tested By: GA	
Sample ID: 29882-005	Test Date: 11/09/17	Checked By: emm	
Depth: ---	Test Id: 431805		
Test Comment: ---			
Visual Description: Wet, very dark gray silt with sand			
Sample Comment: ---			

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	28.6	71.4

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	100		
#40	0.42	99		
#60	0.25	98		
#100	0.15	96		
#200	0.075	71		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0345	39		
---	0.0220	29		
---	0.0130	22		
---	0.0093	19		
---	0.0066	15		
---	0.0047	13		
---	0.0033	11		
---	0.0014	8		

Coefficients

D ₈₅ = 0.1105 mm	D ₃₀ = 0.0228 mm
D ₆₀ = 0.0572 mm	D ₁₅ = 0.0066 mm
D ₅₀ = 0.0451 mm	D ₁₀ = 0.0025 mm
C _u = 22.880	C _c = 3.635

Classification

ASTM Elastic SILT with Sand (MH)

AASHTO Clayey Soils (A-7-5 (14))

Sample/Test Description

Sand/Gravel Particle Shape : ---

Sand/Gravel Hardness : ---

Dispersion Device : Apparatus A - Mech Mixer

Dispersion Period : 1 minute

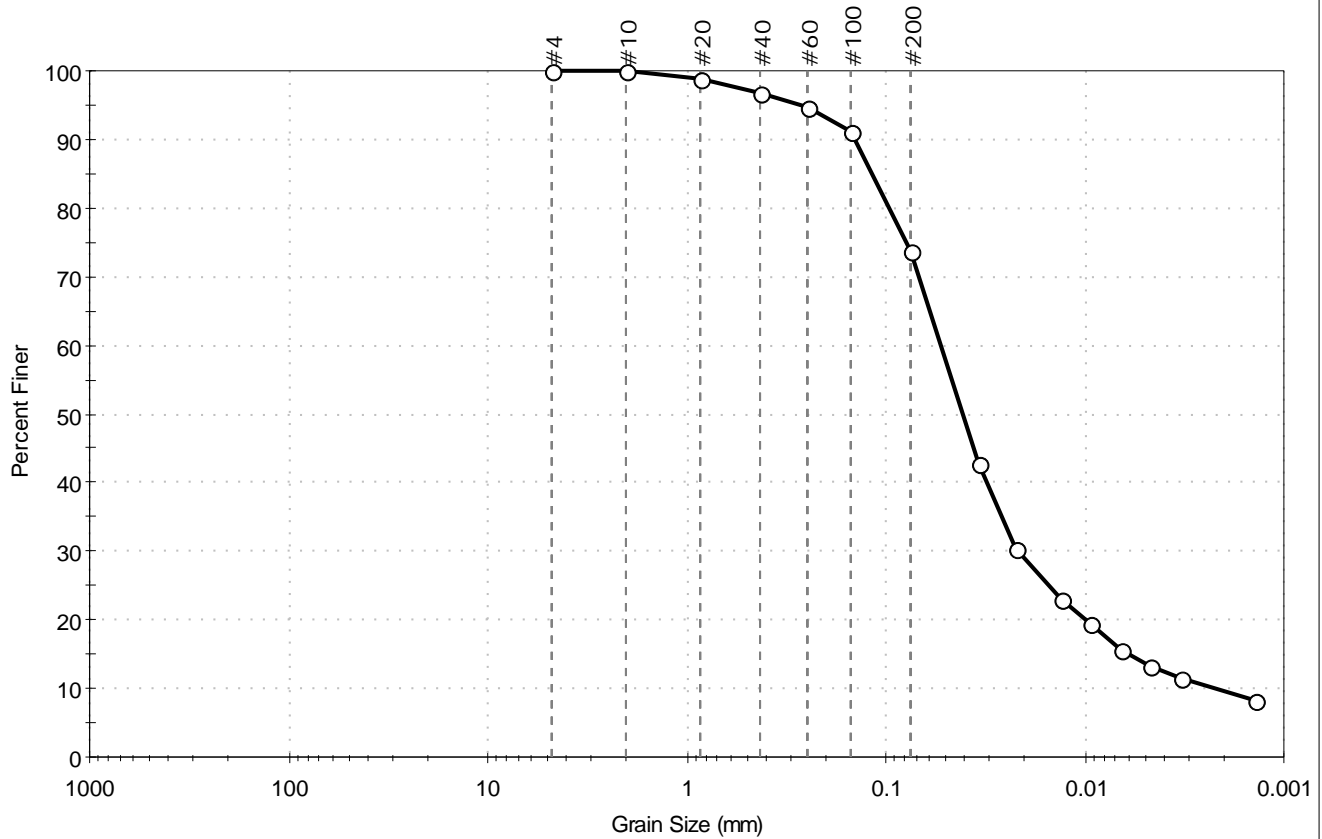
Est. Specific Gravity : 2.65

Separation of Sample: Sieve



Client: EnviroSystems, Inc.	Project: 29882	Location: ---	Project No: GTX-307249
Boring ID: SDT5060001	Sample Type: jar	Tested By: GA	
Sample ID: 29882-006	Test Date: 11/09/17	Checked By: emm	
Depth: ---	Test Id: 431806		
Test Comment: ---			
Visual Description: Wet, very dark gray silt with sand			
Sample Comment: ---			

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	26.1	73.9

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	97		
#60	0.25	95		
#100	0.15	91		
#200	0.075	74		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0341	43		
---	0.0220	31		
---	0.0131	23		
---	0.0093	19		
---	0.0066	16		
---	0.0047	13		
---	0.0033	12		
---	0.0014	8		

<u>Coefficients</u>	
D ₈₅ = 0.1171 mm	D ₃₀ = 0.0212 mm
D ₆₀ = 0.0527 mm	D ₁₅ = 0.0060 mm
D ₅₀ = 0.0408 mm	D ₁₀ = 0.0022 mm
C _u = 23.955	C _c = 3.876

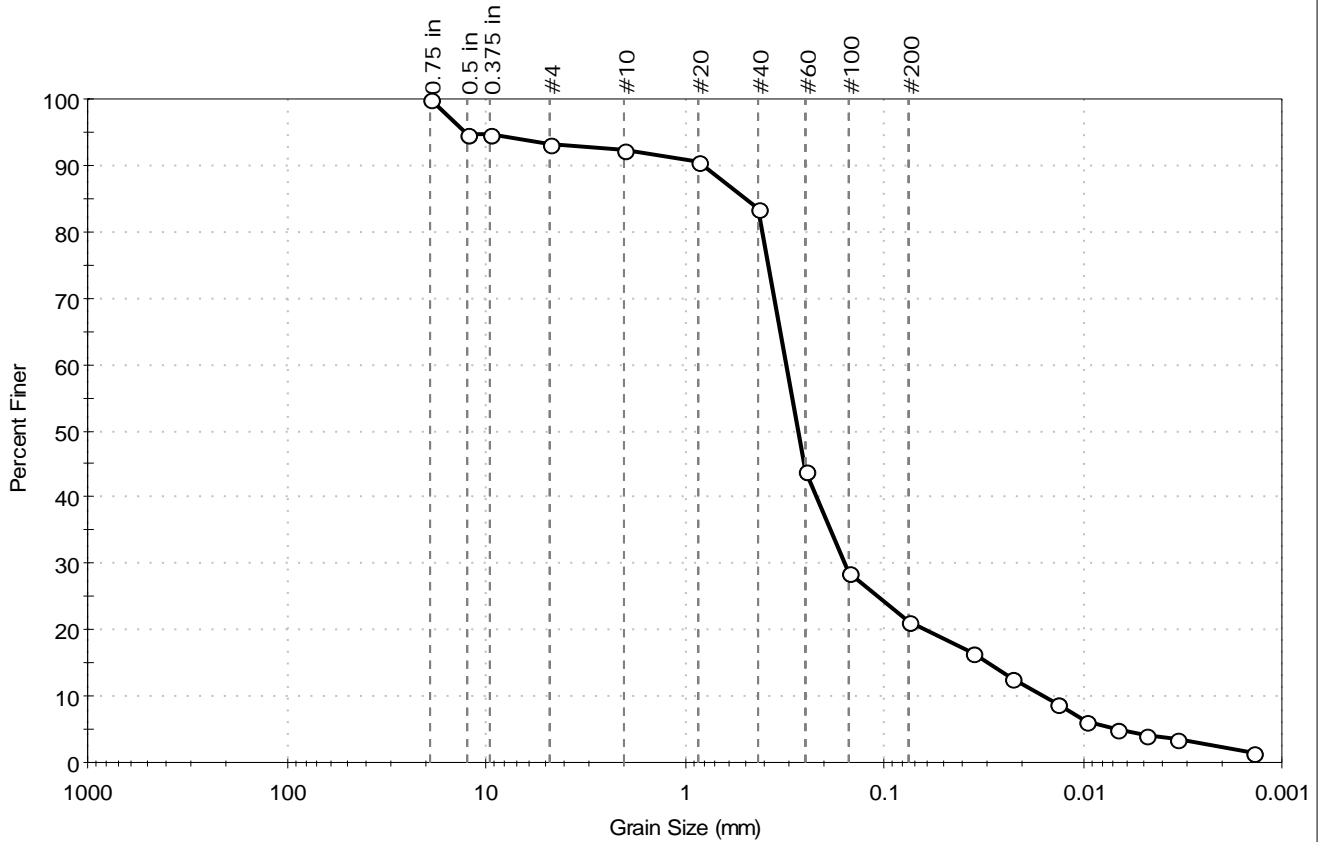
<u>Classification</u>	
<u>ASTM</u>	Elastic SILT with Sand (MH)
<u>AASHTO</u>	Clayey Soils (A-7-5 (22))

<u>Sample/Test Description</u>	
Sand/Gravel Particle Shape	: ---
Sand/Gravel Hardness	: ---
Dispersion Device	: Apparatus A - Mech Mixer
Dispersion Period	: 1 minute
Est. Specific Gravity	: 2.65
Separation of Sample	: #200 Sieve



Client: EnviroSystems, Inc.	Project: 29882	Location: ---	Project No: GTX-307249
Boring ID: SDT5070004	Sample Type: jar	Tested By: GA	
Sample ID: 29882-007	Test Date: 11/09/17	Checked By: emm	
Depth: ---	Test Id: 431807		
Test Comment: ---			
Visual Description: Moist, very dark gray silty sand			
Sample Comment: ---			

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	6.7	71.9	21.4

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.75 in	19.00	100		
0.5 in	12.50	95		
0.375 in	9.50	95		
#4	4.75	93		
#10	2.00	92		
#20	0.85	91		
#40	0.42	84		
#60	0.25	44		
#100	0.15	28		
#200	0.075	21		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0362	16		
---	0.0228	13		
---	0.0134	9		
---	0.0096	6		
---	0.0067	5		
---	0.0048	4		
---	0.0034	4		
---	0.0014	1		

Coefficients

D ₈₅ = 0.4898 mm	D ₃₀ = 0.1578 mm
D ₆₀ = 0.3101 mm	D ₁₅ = 0.0304 mm
D ₅₀ = 0.2713 mm	D ₁₀ = 0.0157 mm
C _u = 19.752	C _c = 5.115

Classification

ASTM Silty SAND (SM)

AASHTO Silty Gravel and Sand (A-2-4 (0))

Sample/Test Description

Sand/Gravel Particle Shape : ANGULAR

Sand/Gravel Hardness : HARD

Dispersion Device : Apparatus A - Mech Mixer

Dispersion Period : 1 minute

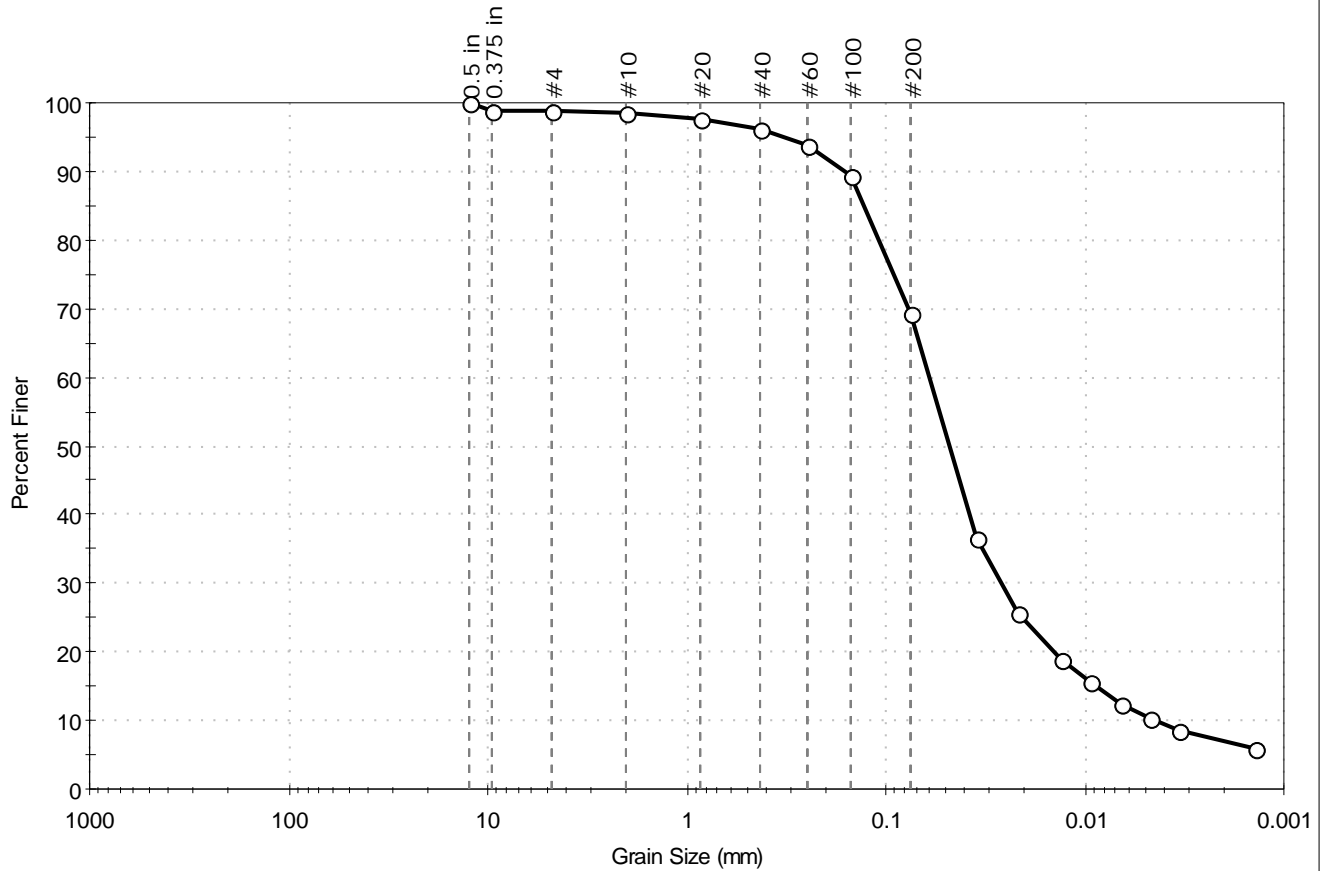
Est. Specific Gravity : 2.65

Separation of Sample: #200 Sieve



Client: EnviroSystems, Inc.	Project: 29882	Location: ---	Project No: GTX-307249
Boring ID: SDT5080001	Sample Type: jar	Tested By: GA	
Sample ID: 29882-008	Test Date: 11/09/17	Checked By: emm	
Depth: ---	Test Id: 431808		
Test Comment: ---			
Visual Description: Wet, very dark gray sandy silt			
Sample Comment: ---			

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	1.2	29.5	69.3

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.5 in	12.50	100		
0.375 in	9.50	99		
#4	4.75	99		
#10	2.00	99		
#20	0.85	98		
#40	0.42	96		
#60	0.25	94		
#100	0.15	89		
#200	0.075	69		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0350	36		
---	0.0217	26		
---	0.0132	19		
---	0.0094	16		
---	0.0067	12		
---	0.0048	10		
---	0.0034	8		
---	0.0014	6		

Coefficients	
D ₈₅ = 0.1288 mm	D ₃₀ = 0.0264 mm
D ₆₀ = 0.0605 mm	D ₁₅ = 0.0087 mm
D ₅₀ = 0.0480 mm	D ₁₀ = 0.0045 mm
C _u = 13.444	C _c = 2.560

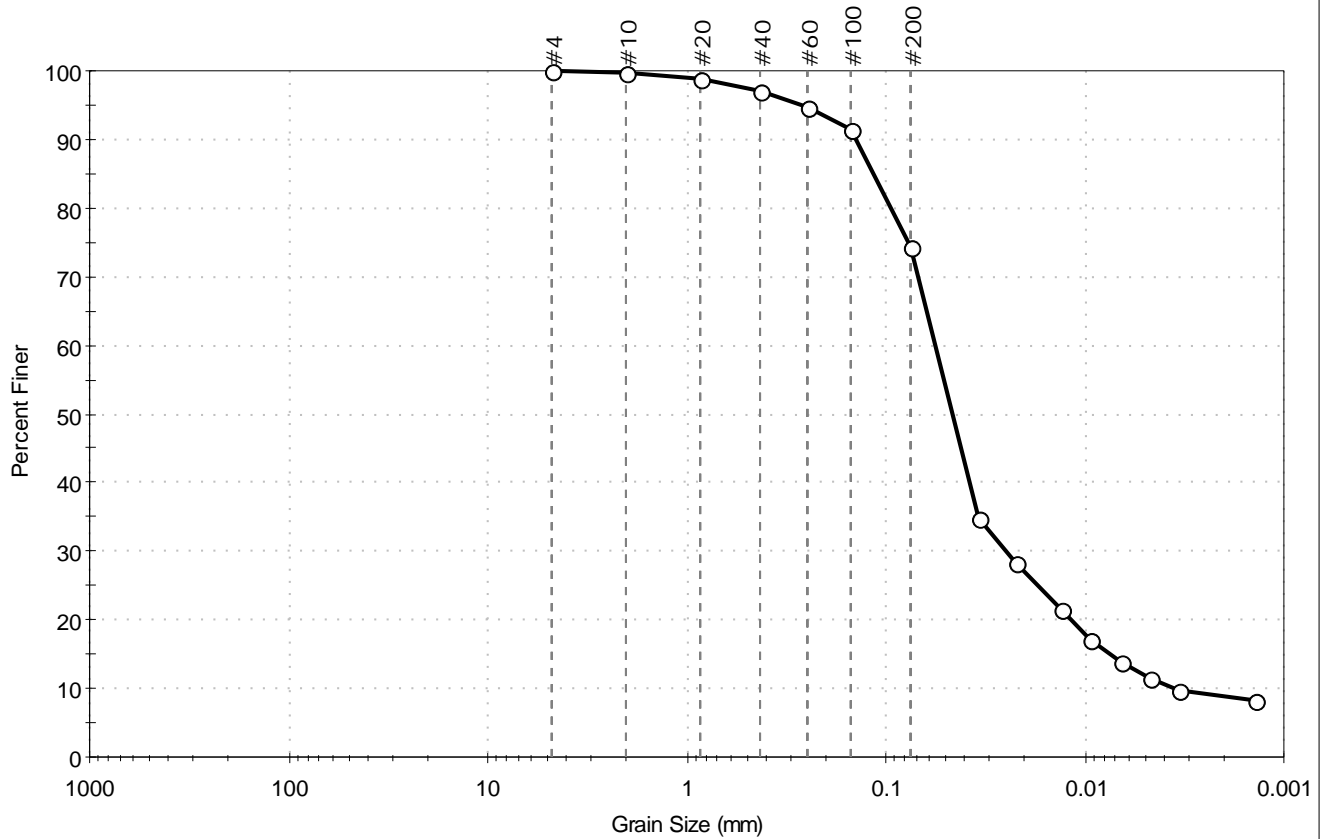
Classification	
ASTM	Sandy Elastic SILT (MH)
AASHTO	Clayey Soils (A-7-5 (16))

Sample/Test Description	
Sand/Gravel Particle Shape	: ---
Sand/Gravel Hardness	: ---
Dispersion Device	: Apparatus A - Mech Mixer
Dispersion Period	: 1 minute
Est. Specific Gravity	: 2.65
Separation of Sample	: #200 Sieve



Client: EnviroSystems, Inc.	Project: 29882	Location: ---	Project No: GTX-307249
Boring ID: SDT5090002	Sample Type: jar	Tested By: GA	
Sample ID: 29882-009	Test Date: 11/09/17	Checked By: emm	
Depth: ---	Test Id: 431809		
Test Comment: ---			
Visual Description: Moist, very dark gray silt with sand			
Sample Comment: ---			

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	25.7	74.3

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	97		
#60	0.25	95		
#100	0.15	92		
#200	0.075	74		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0345	35		
---	0.0222	28		
---	0.0132	22		
---	0.0093	17		
---	0.0066	14		
---	0.0048	12		
---	0.0033	10		
---	0.0014	8		

<u>Coefficients</u>	
D ₈₅ = 0.1154 mm	D ₃₀ = 0.0249 mm
D ₆₀ = 0.0566 mm	D ₁₅ = 0.0074 mm
D ₅₀ = 0.0464 mm	D ₁₀ = 0.0035 mm
C _u = 16.171	C _c = 3.130

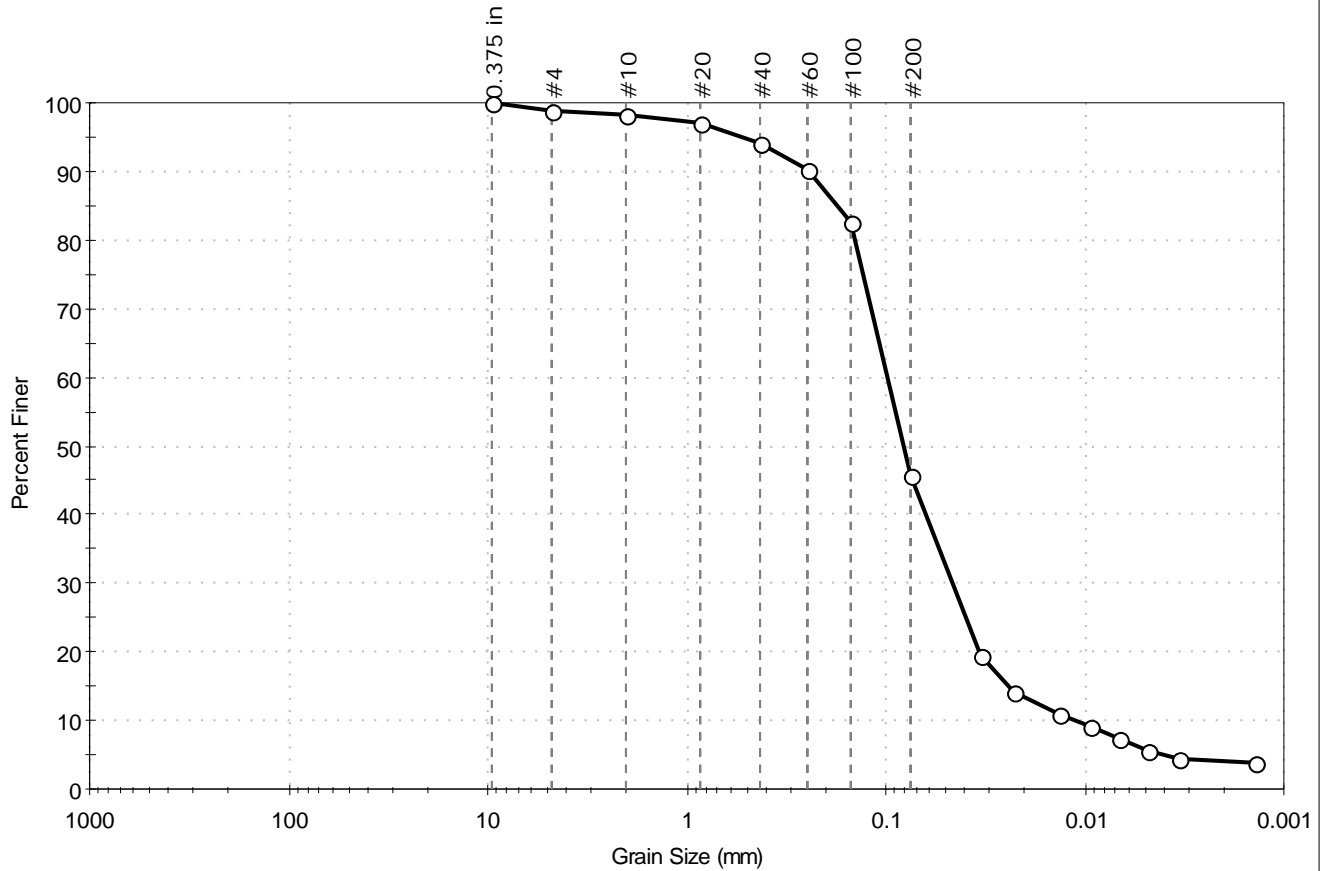
<u>Classification</u>	
<u>ASTM</u>	Elastic SILT with Sand (MH)
<u>AASHTO</u>	Clayey Soils (A-7-5 (14))

<u>Sample/Test Description</u>	
Sand/Gravel Particle Shape : ---	
Sand/Gravel Hardness : ---	
Dispersion Device : Apparatus A - Mech Mixer	
Dispersion Period : 1 minute	
Est. Specific Gravity : 2.65	
Separation of Sample: #200 Sieve	



Client: EnviroSystems, Inc.	Project: 29882	Location: ---	Project No: GTX-307249
Boring ID: SDT5100001	Sample Type: jar	Tested By: GA	Checked By: emm
Sample ID: 29882-010	Test Date: 11/09/17	Test Id: 431810	
Depth: ---			
Test Comment: ---			
Visual Description: Wet, very dark gray silty sand			
Sample Comment: ---			

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	1.2	53.0	45.8

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.375 in	9.50	100		
#4	4.75	99		
#10	2.00	98		
#20	0.85	97		
#40	0.42	94		
#60	0.25	90		
#100	0.15	83		
#200	0.075	46		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0337	19		
---	0.0226	14		
---	0.0133	11		
---	0.0095	9		
---	0.0067	7		
---	0.0048	6		
---	0.0034	5		
---	0.0014	4		

Coefficients	
D ₈₅ = 0.1753 mm	D ₃₀ = 0.0465 mm
D ₆₀ = 0.0979 mm	D ₁₅ = 0.0240 mm
D ₅₀ = 0.0812 mm	D ₁₀ = 0.0113 mm
C _u = 8.664	C _c = 1.955

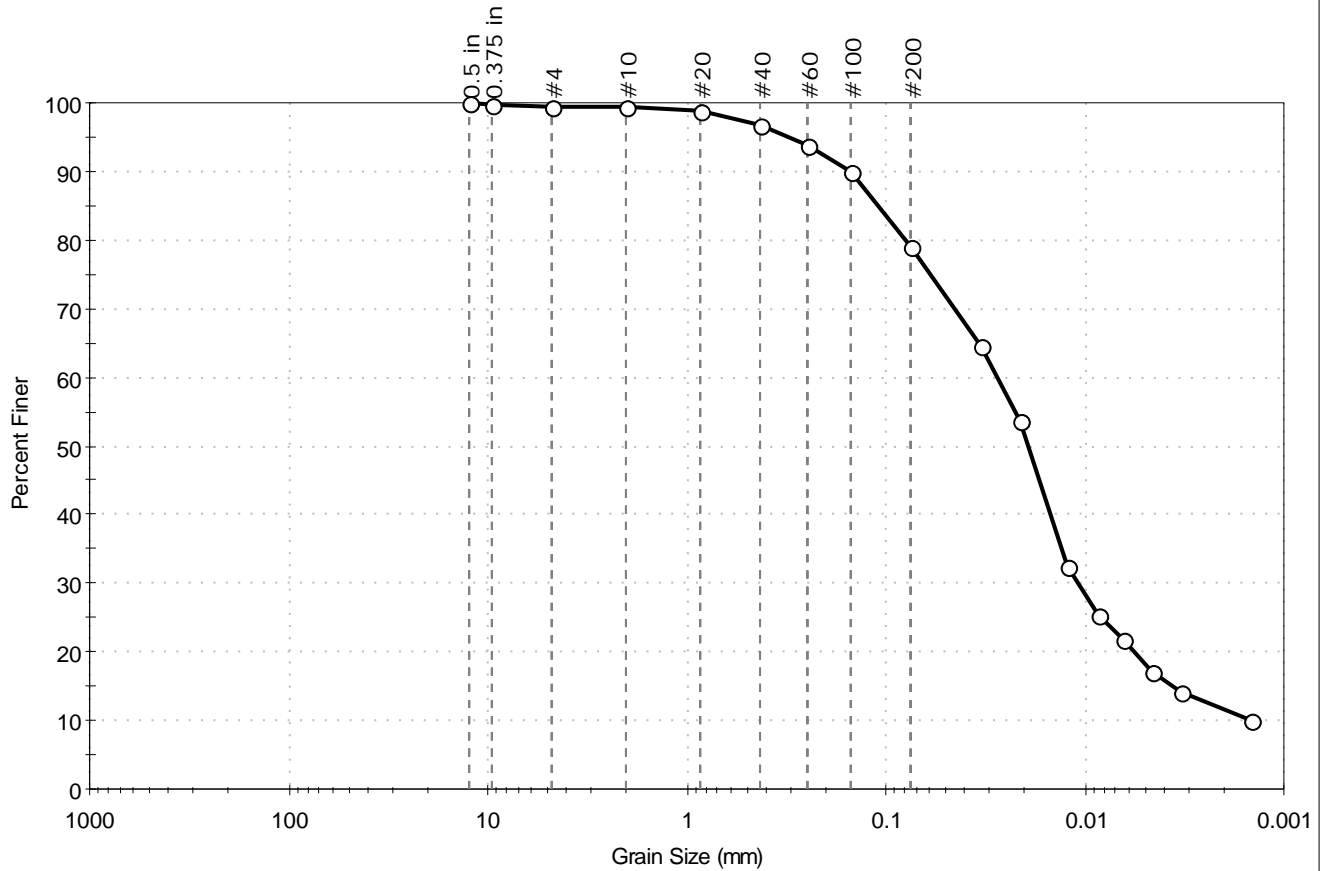
Classification	
ASTM	Silty SAND (SM)
AASHTO	Silty Soils (A-4 (0))

Sample/Test Description	
Sand/Gravel Particle Shape	: ---
Sand/Gravel Hardness	: ---
Dispersion Device	: Apparatus A - Mech Mixer
Dispersion Period	: 1 minute
Est. Specific Gravity	: 2.65
Separation of Sample	: #200 Sieve



Client: EnviroSystems, Inc.	Project No: GTX-307602
Project: 29607/29543	
Location: ---	
Boring ID: 29543-006	Sample Type: jar
Sample ID: SDT-01-COMP-002	Test Date: 02/06/18
Depth: ---	Test Id: 441168
Test Comment: ---	Tested By: jbr
Visual Description: Moist, very dark gray silt with sand	Checked By: emm
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.5	20.3	79.2

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.5 in	12.50	100		
0.375 in	9.50	100		
#4	4.75	99		
#10	2.00	99		
#20	0.85	99		
#40	0.42	97		
#60	0.25	94		
#100	0.15	90		
#200	0.075	79		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0334	65		
---	0.0212	54		
---	0.0123	33		
---	0.0087	25		
---	0.0065	22		
---	0.0046	17		
---	0.0033	14		
---	0.0015	10		

<u>Coefficients</u>	
D ₈₅ = 0.1088 mm	D ₃₀ = 0.0109 mm
D ₆₀ = 0.0275 mm	D ₁₅ = 0.0036 mm
D ₅₀ = 0.0192 mm	D ₁₀ = 0.0015 mm
C _u = 18.333	C _c = 2.880

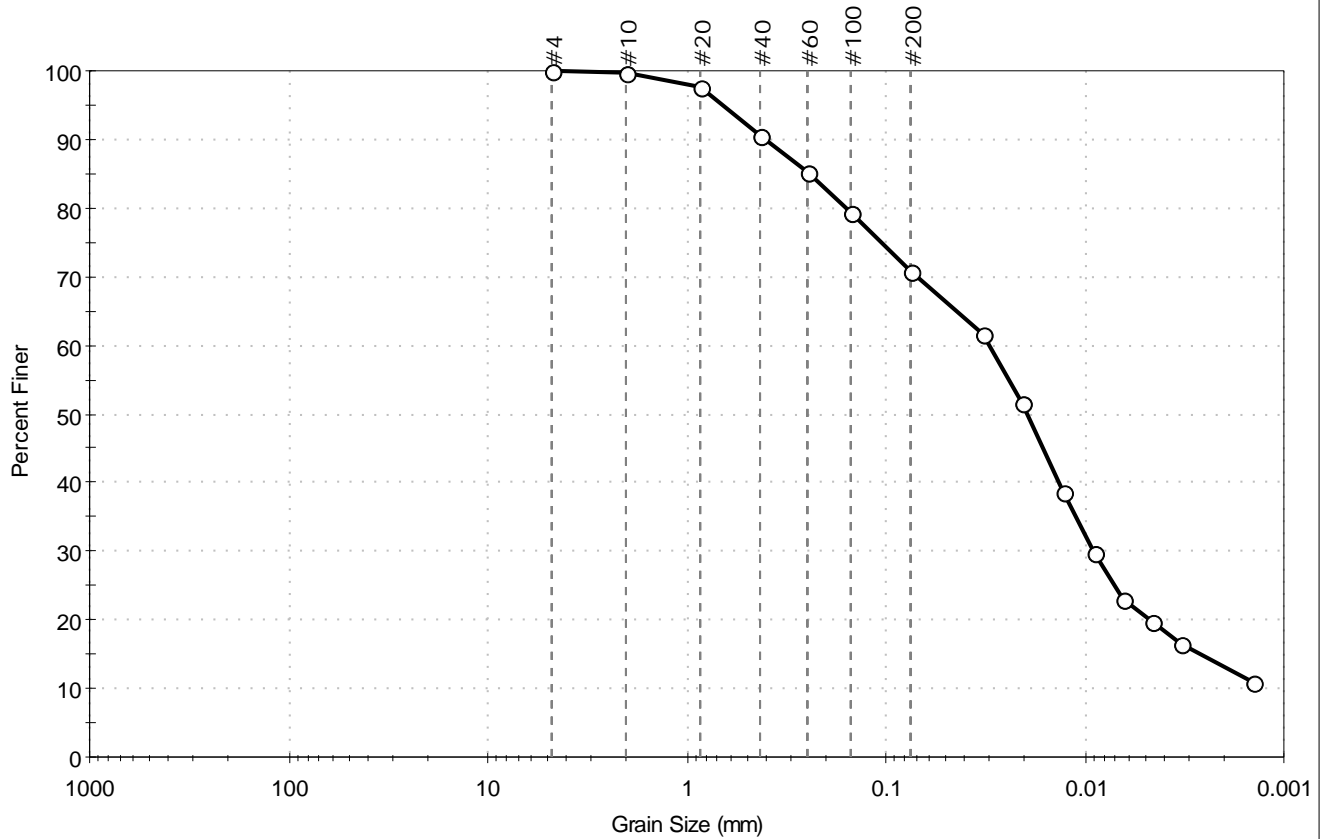
<u>Classification</u>	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

<u>Sample/Test Description</u>	
Sand/Gravel Particle Shape	: ---
Sand/Gravel Hardness	: ---
Dispersion Device	: Apparatus A - Mech Mixer
Dispersion Period	: 1 minute
Est. Specific Gravity	: 2.65
Separation of Sample	: #200 Sieve



Client: EnviroSystems, Inc.	Project: 29607/29543	Location: ---	Project No: GTX-307602
Boring ID: 29543-012	Sample Type: jar	Tested By: jbr	
Sample ID: SDT-06-COMP-003	Test Date: 02/06/18	Checked By: emm	
Depth: ---	Test Id: 441169		
Test Comment: ---			
Visual Description: Moist, very dark gray silt with sand			
Sample Comment: ---			

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	29.3	70.7

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	98		
#40	0.42	91		
#60	0.25	85		
#100	0.15	79		
#200	0.075	71		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0328	62		
---	0.0208	52		
---	0.0128	39		
---	0.0090	30		
---	0.0065	23		
---	0.0046	20		
---	0.0033	17		
---	0.0014	11		

<u>Coefficients</u>	
D ₈₅ = 0.2460 mm	D ₃₀ = 0.0091 mm
D ₆₀ = 0.0304 mm	D ₁₅ = 0.0026 mm
D ₅₀ = 0.0195 mm	D ₁₀ = N/A
C _u = N/A	C _c = N/A

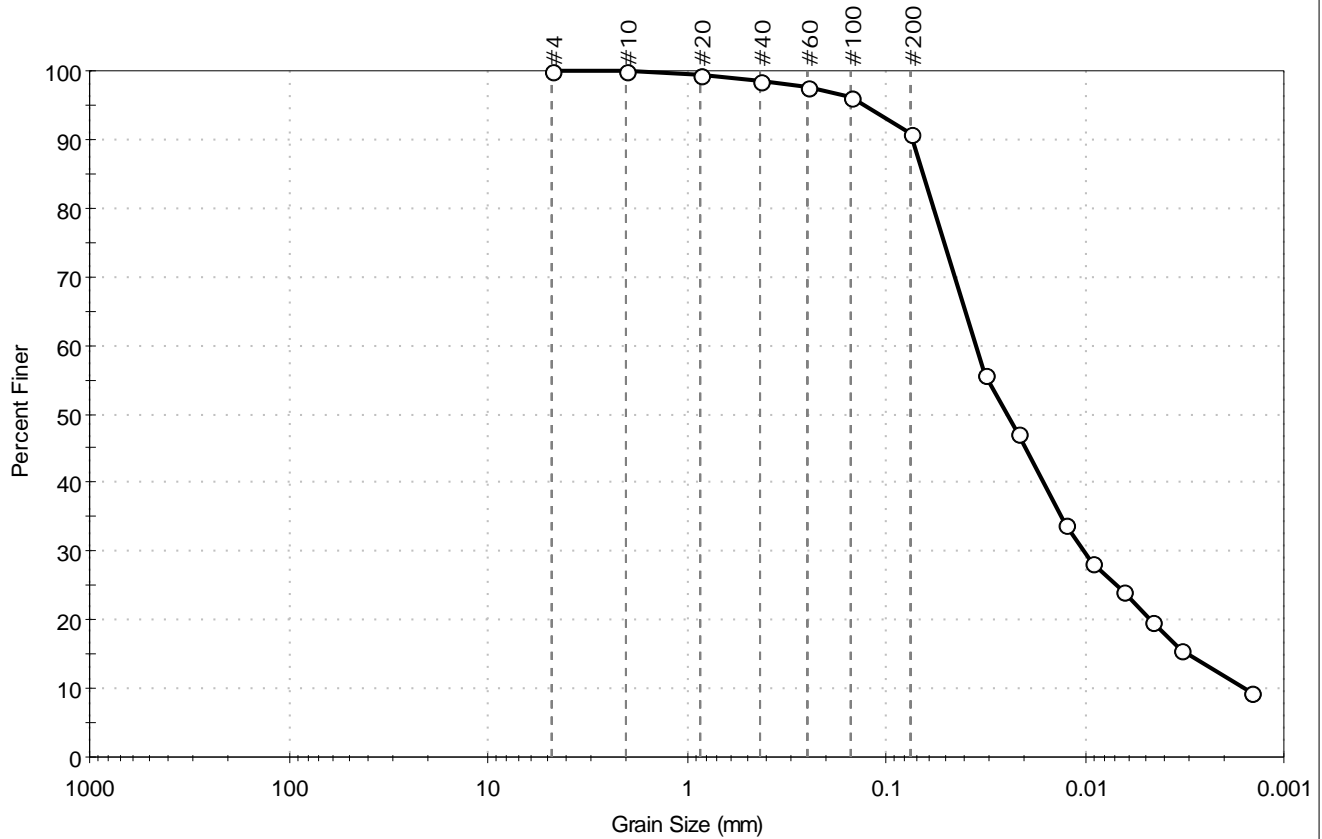
<u>Classification</u>	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---
Dispersion Device : Apparatus A - Mech Mixer
Dispersion Period : 1 minute
Est. Specific Gravity : 2.65
Separation of Sample: #200 Sieve



Client: EnviroSystems, Inc.	Project: 29607/29543	Location: ---	Project No: GTX-307602
Boring ID: 29543-020	Sample Type: jar	Tested By: jbr	
Sample ID: SDT-08-COMP-004	Test Date: 02/06/18	Checked By: emm	
Depth: ---	Test Id: 441170		
Test Comment: ---			
Visual Description: Moist, dark gray silt			
Sample Comment: ---			

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	9.1	90.9

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	99		
#60	0.25	98		
#100	0.15	96		
#200	0.075	91		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0319	56		
---	0.0216	47		
---	0.0126	34		
---	0.0091	28		
---	0.0065	24		
---	0.0046	20		
---	0.0033	16		
---	0.0015	9		

Coefficients	
D ₈₅ = 0.0650 mm	D ₃₀ = 0.0100 mm
D ₆₀ = 0.0354 mm	D ₁₅ = 0.0030 mm
D ₅₀ = 0.0246 mm	D ₁₀ = 0.0016 mm
C _u = 22.125	C _c = 1.766

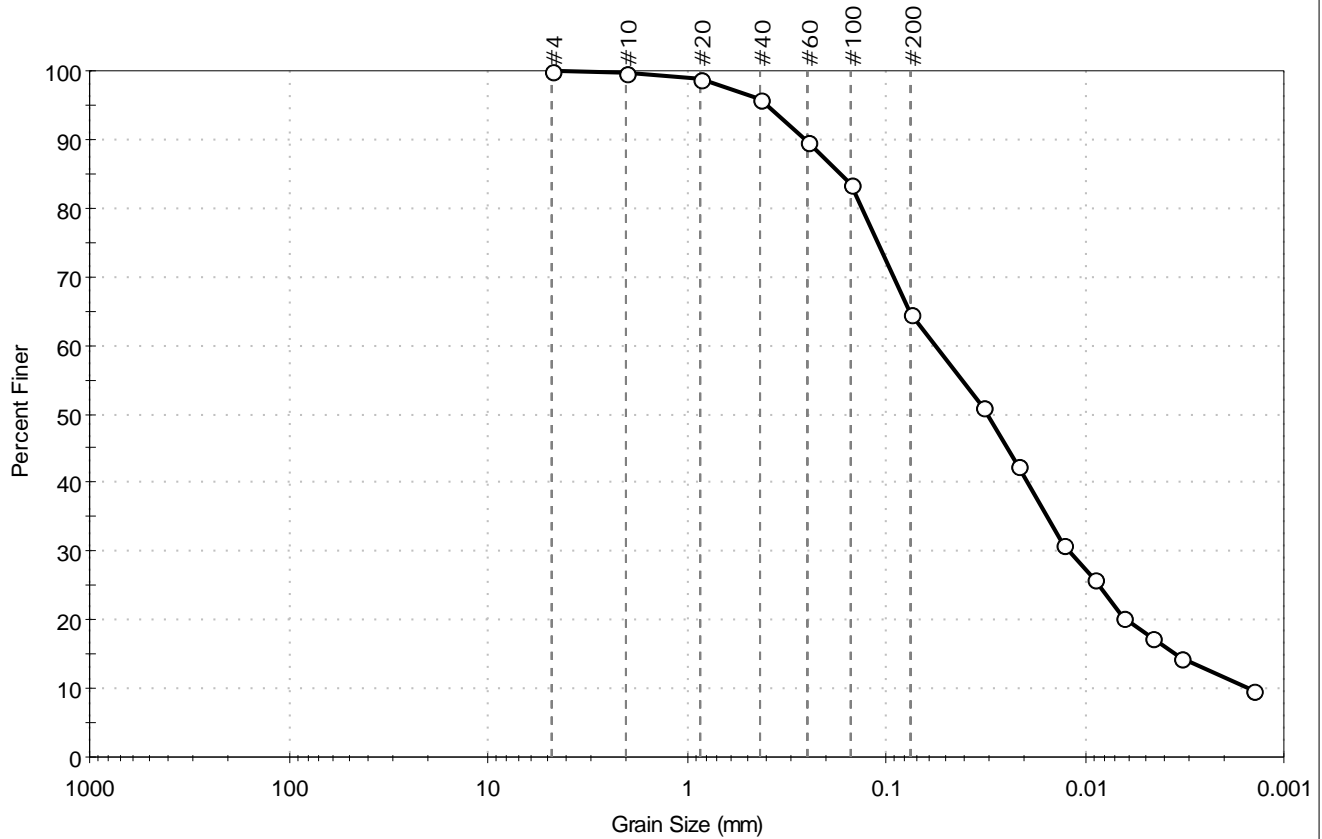
Classification	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

Sample/Test Description
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---
Dispersion Device : Apparatus A - Mech Mixer
Dispersion Period : 1 minute
Est. Specific Gravity : 2.65
Separation of Sample: #200 Sieve



Client: EnviroSystems, Inc.	Project: 29607/29543	Location: ---	Project No: GTX-307602
Boring ID: 29607-005	Sample Type: jar	Tested By: jbr	
Sample ID: SDT-01-COMP-001	Test Date: 02/06/18	Checked By: emm	
Depth: ---	Test Id: 441164		
Test Comment: ---			
Visual Description: Moist, very dark gray sandy silt			
Sample Comment: ---			

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	35.3	64.7

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	96		
#60	0.25	90		
#100	0.15	84		
#200	0.075	65		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0324	51		
---	0.0217	42		
---	0.0130	31		
---	0.0090	26		
---	0.0064	20		
---	0.0046	17		
---	0.0033	14		
---	0.0014	10		

<u>Coefficients</u>	
D ₈₅ = 0.1681 mm	D ₃₀ = 0.0122 mm
D ₆₀ = 0.0561 mm	D ₁₅ = 0.0035 mm
D ₅₀ = 0.0308 mm	D ₁₀ = 0.0015 mm
C _u = 37.400	C _c = 1.769

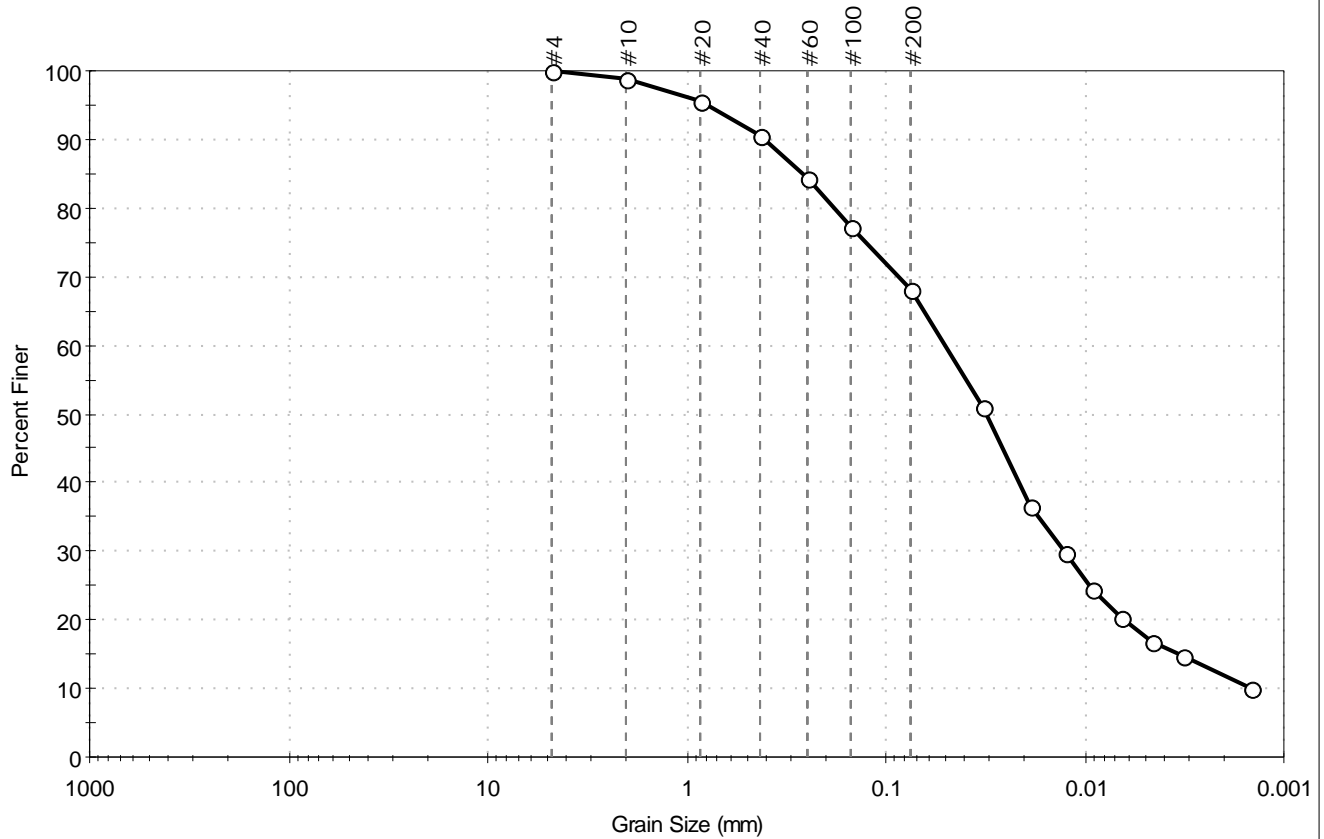
<u>Classification</u>	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---
Dispersion Device : Apparatus A - Mech Mixer
Dispersion Period : 1 minute
Est. Specific Gravity : 2.65
Separation of Sample: #200 Sieve



Client: EnviroSystems, Inc.	Project No: GTX-307602
Project: 29607/29543	
Location: ---	
Boring ID: 29607-006	Sample Type: jar
Sample ID: SDT-04-COMP-001	Test Date: 02/06/18
Depth: ---	Test Id: 441165
Test Comment: ---	Tested By: jbr
Visual Description: Moist, dark gray sandy silt	Checked By: emm
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	31.9	68.1

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	99		
#20	0.85	96		
#40	0.42	91		
#60	0.25	84		
#100	0.15	77		
#200	0.075	68		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0325	51		
---	0.0188	37		
---	0.0125	30		
---	0.0092	24		
---	0.0065	20		
---	0.0047	17		
---	0.0032	15		
---	0.0015	10		

<u>Coefficients</u>	
D ₈₅ = 0.2651 mm	D ₃₀ = 0.0126 mm
D ₆₀ = 0.0503 mm	D ₁₅ = 0.0034 mm
D ₅₀ = 0.0311 mm	D ₁₀ = N/A
C _u = N/A	C _c = N/A

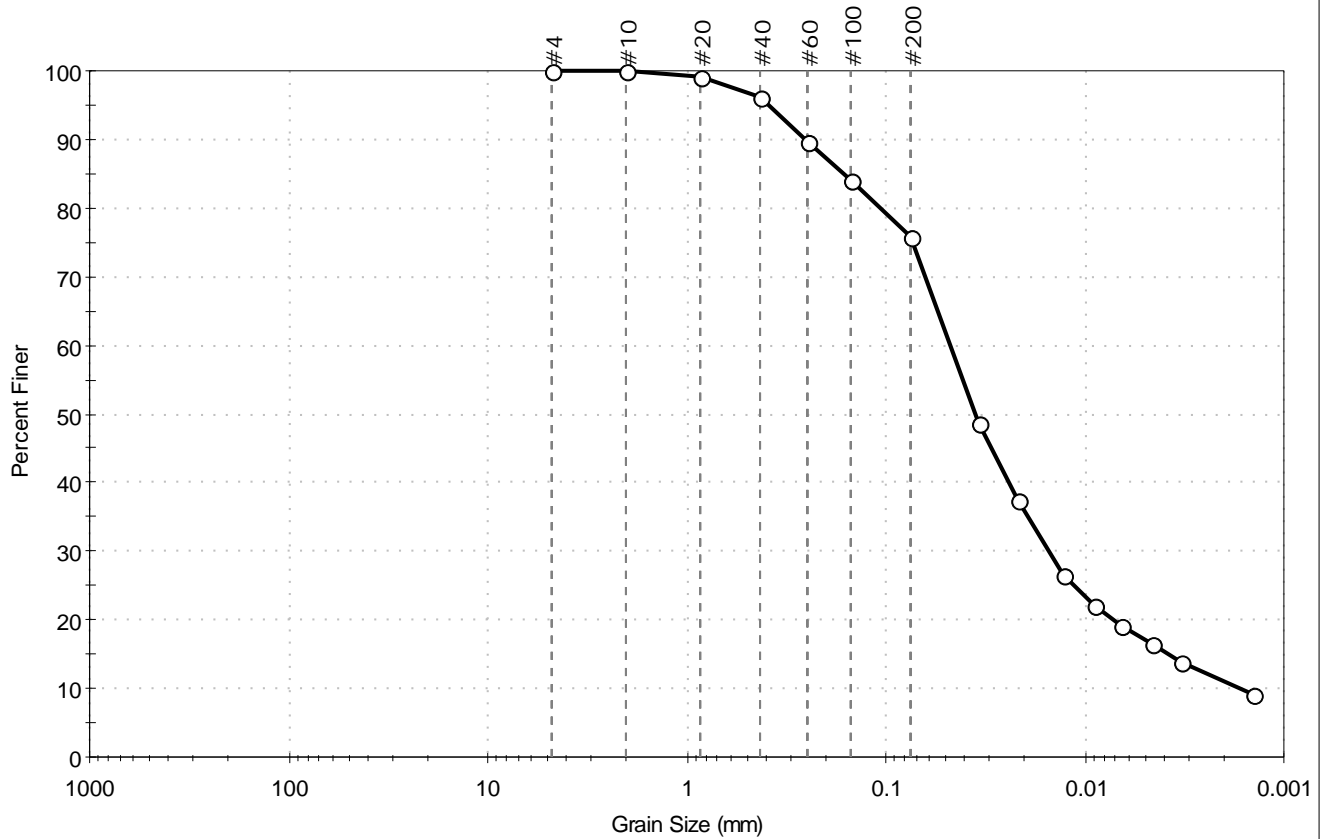
<u>Classification</u>	
ASTM	N/A
AASHTO Silty Soils (A-4 (0))	

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---
Dispersion Device : Apparatus A - Mech Mixer
Dispersion Period : 1 minute
Est. Specific Gravity : 2.65
Separation of Sample: #200 Sieve



Client: EnviroSystems, Inc.	Project: 29607/29543	Location: ---	Project No: GTX-307602
Boring ID: 29607-007	Sample Type: jar	Tested By: jbr	
Sample ID: SDT-08-COMP-001	Test Date: 02/06/18	Checked By: emm	
Depth: ---	Test Id: 441166		
Test Comment: ---			
Visual Description: Moist, very dark gray silt with sand			
Sample Comment: ---			

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	24.2	75.8

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	96		
#60	0.25	90		
#100	0.15	84		
#200	0.075	76		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0341	49		
---	0.0216	38		
---	0.0129	27		
---	0.0091	22		
---	0.0065	19		
---	0.0046	16		
---	0.0033	14		
---	0.0014	9		

<u>Coefficients</u>	
D ₈₅ = 0.1628 mm	D ₃₀ = 0.0152 mm
D ₆₀ = 0.0475 mm	D ₁₅ = 0.0038 mm
D ₅₀ = 0.0356 mm	D ₁₀ = 0.0017 mm
C _u = 27.941	C _c = 2.861

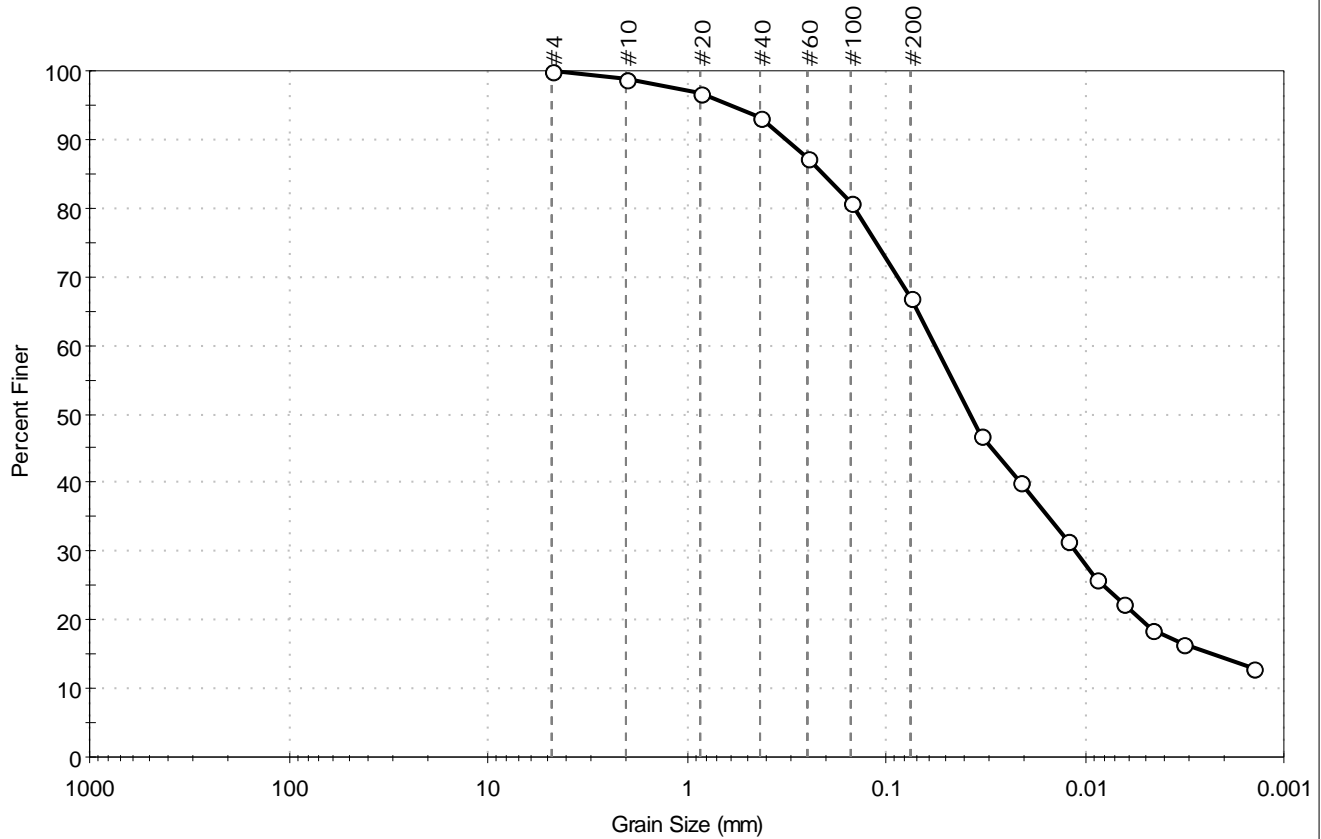
<u>Classification</u>	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---
Dispersion Device : Apparatus A - Mech Mixer
Dispersion Period : 1 minute
Est. Specific Gravity : 2.65
Separation of Sample: #200 Sieve



Client: EnviroSystems, Inc.	Project: 29607/29543	Location: ---	Project No: GTX-307602
Boring ID: 29607-019	Sample Type: jar	Tested By: jbr	
Sample ID: SDT-xx -COMP-001	Test Date: 02/06/18	Checked By: emm	
Depth: ---	Test Id: 441167		
Test Comment: ---			
Visual Description: Moist, very dark gray sandy silt			
Sample Comment: Sample contains shells			

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	33.1	66.9

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	99		
#20	0.85	97		
#40	0.42	93		
#60	0.25	87		
#100	0.15	81		
#200	0.075	67		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0330	47		
---	0.0212	40		
---	0.0123	31		
---	0.0087	26		
---	0.0064	22		
---	0.0046	18		
---	0.0033	17		
---	0.0014	13		

<u>Coefficients</u>	
D ₈₅ = 0.2077 mm	D ₃₀ = 0.0112 mm
D ₆₀ = 0.0565 mm	D ₁₅ = 0.0023 mm
D ₅₀ = 0.0375 mm	D ₁₀ = N/A
C _u = N/A	C _c = N/A

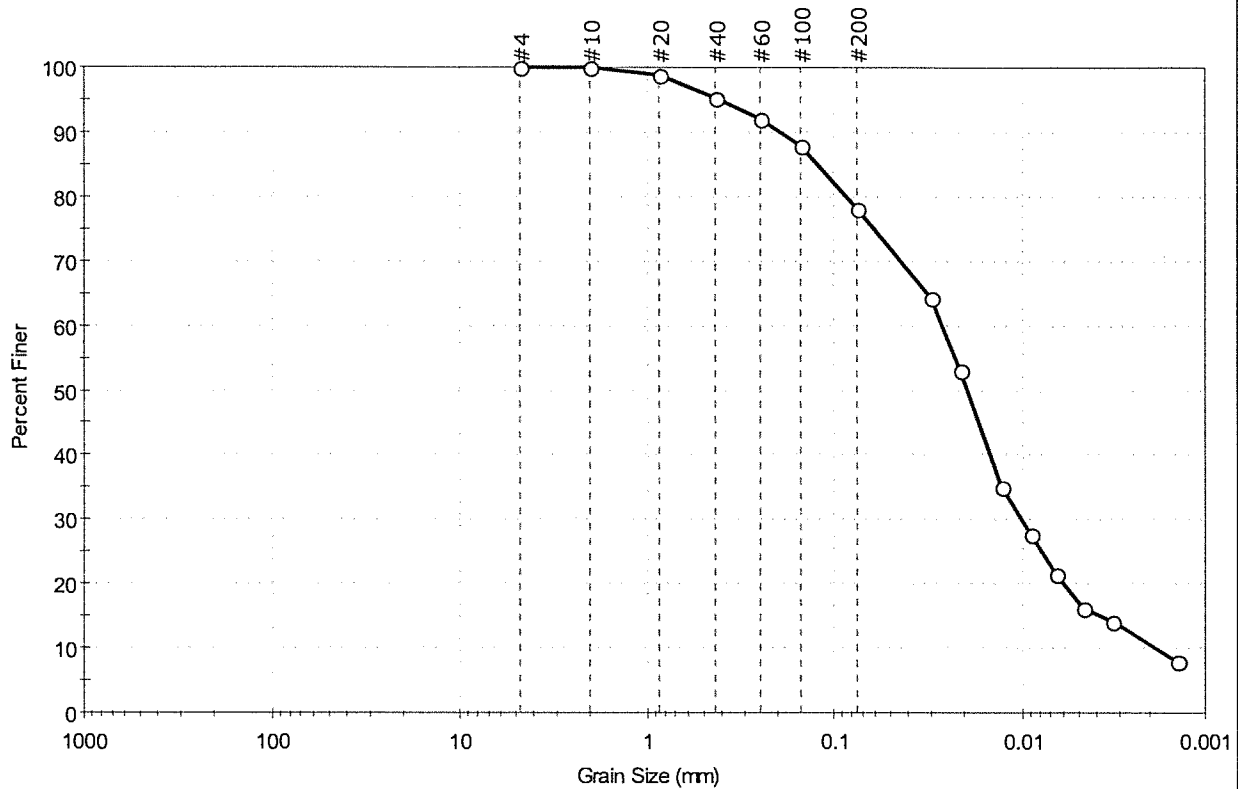
<u>Classification</u>	
ASTM	N/A
AASHTO	Silty Soils (A-4 (0))

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---
Dispersion Device : Apparatus A - Mech Mixer
Dispersion Period : 1 minute
Est. Specific Gravity : 2.65
Separation of Sample: #200 Sieve



Client: EnviroSystems, Inc.	Project No: GTX-306857
Project: 29543	
Location: ---	
Boring ID: 29543- 013	Sample Type: jar
Sample ID: SDT-06- COMP-003	Test Date: 08/21/17
Depth : ---	Test Id: 420355
Test Comment: ---	
Visual Description: Wet, dark gray silt with sand	
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	21.8	78.2

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	95		
#60	0.25	92		
#100	0.15	88		
#200	0.075	78		
---	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0304	64		
---	0.0211	53		
---	0.0129	35		
---	0.0090	28		
---	0.0065	22		
---	0.0047	16		
---	0.0033	14		
---	0.0014	8		

<u>Coefficients</u>	
D ₈₅ = 0.1212 mm	D ₃₀ = 0.0100 mm
D ₆₀ = 0.0264 mm	D ₁₅ = 0.0038 mm
D ₅₀ = 0.0193 mm	D ₁₀ = 0.0018 mm
C _u = 14.667	C _c = 2.104

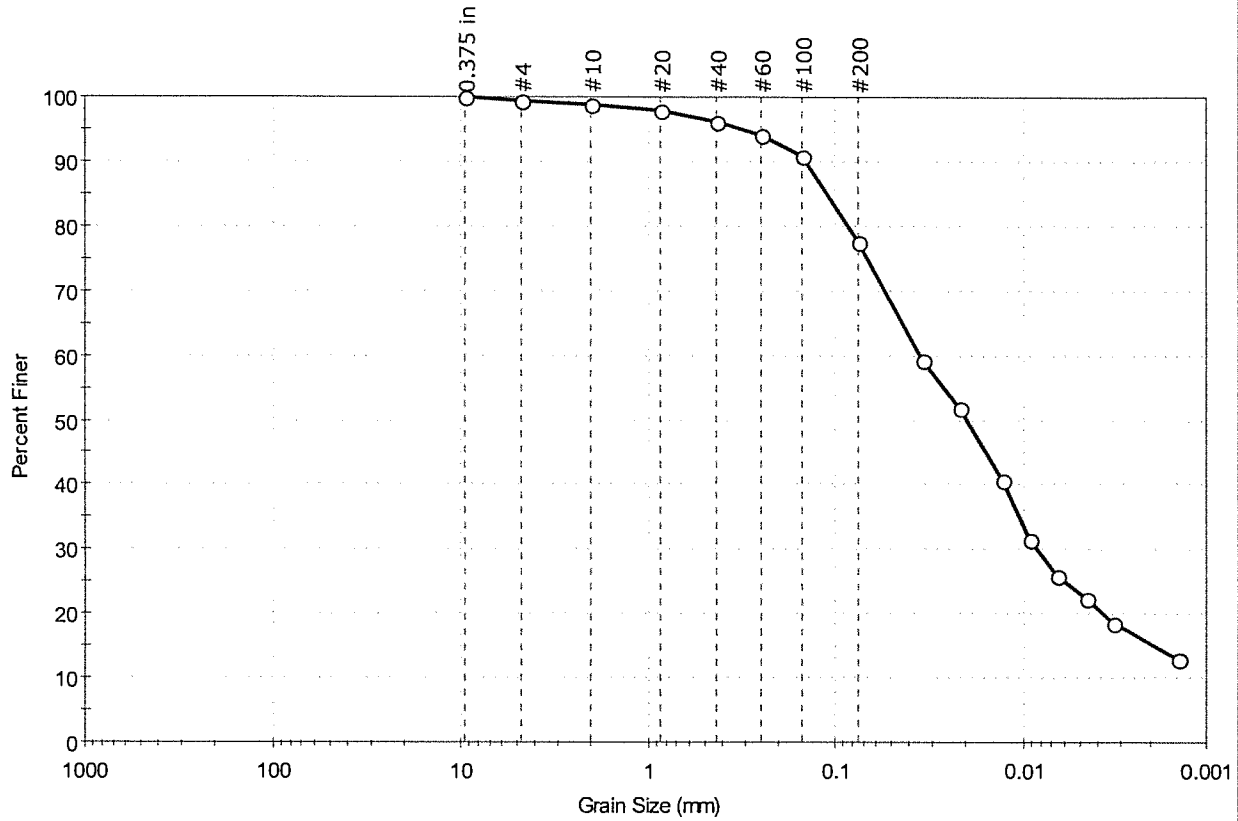
<u>Classification</u>	
<u>ASTM</u>	Elastic silt with sand (MH)
<u>AASHTO</u>	Clayey Soils (A-7-5 (43))

<u>Sample/Test Description</u>	
Sand/Gravel Particle Shape : ---	
Sand/Gravel Hardness : ---	
Dispersion Device : Apparatus A - Mech Mixer	
Dispersion Period : 1 minute	
Specific Gravity : 2.65	
Separation of Sample: #200 Sieve	



Client: EnviroSystems, Inc.	Project: 29543	Location: ---	Project No: GTX-306857
Boring ID: 29543- 026	Sample Type: jar	Tested By: jbr	Checked By: emm
Sample ID: SDT-01- 019-0001	Test Date: 08/21/17	Test Id: 420356	
Depth : ---	Test Comment: ---	Visual Description: Wet, dark gray silt with sand	Sample Comment: ---

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.6	21.8	77.6

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.375 in	9.50	100		
#4	4.75	99		
#10	2.00	99		
#20	0.85	98		
#40	0.42	96		
#60	0.25	94		
#100	0.15	91		
#200	0.075	78		
---	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0346	59		
---	0.0216	52		
---	0.0129	41		
---	0.0092	32		
---	0.0066	26		
---	0.0047	22		
---	0.0033	19		
---	0.0014	13		

Coefficients	
D ₈₅ = 0.1106 mm	D ₃₀ = 0.0084 mm
D ₆₀ = 0.0355 mm	D ₁₅ = 0.0019 mm
D ₅₀ = 0.0197 mm	D ₁₀ = N/A
C _u = N/A	C _c = N/A

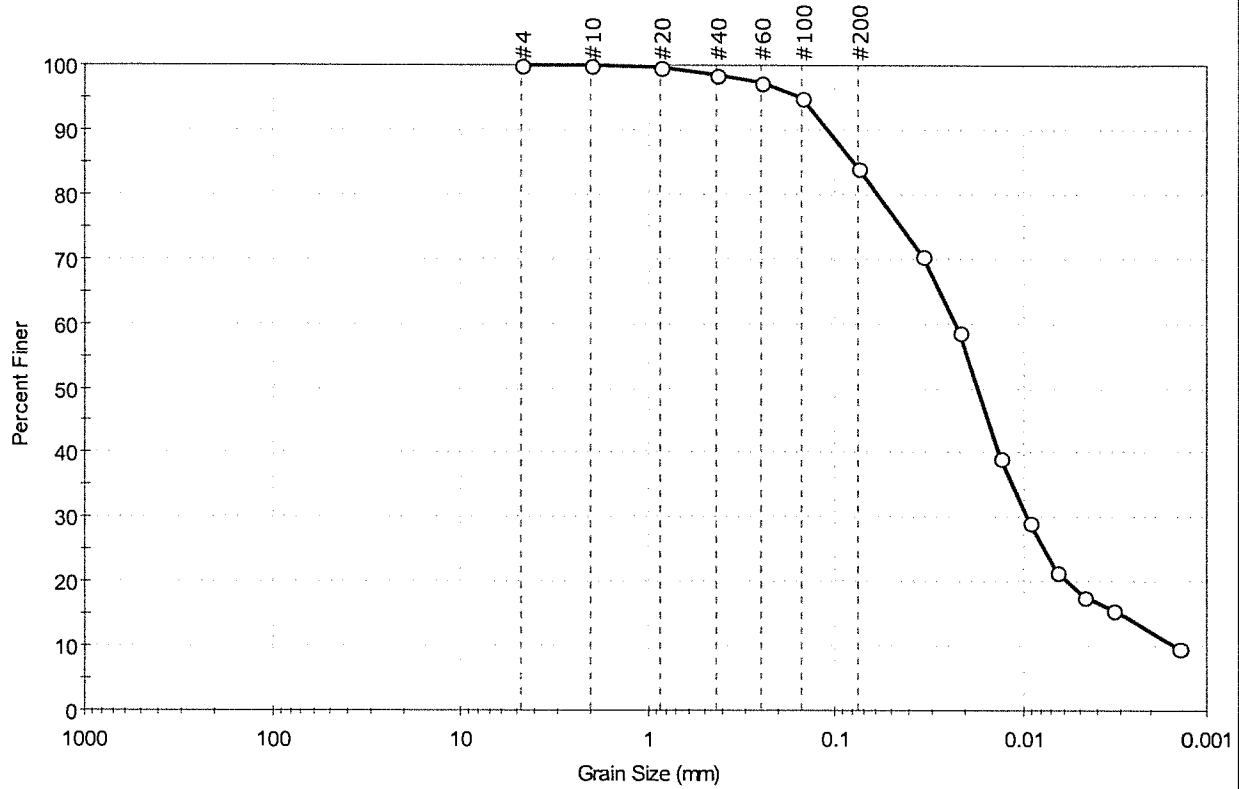
Classification	
ASTM	Elastic silt with sand (MH)
AASHTO	Clayey Soils (A-7-5 (38))

Sample/Test Description	
Sand/Gravel Particle Shape :	---
Sand/Gravel Hardness :	---
Dispersion Device :	Apparatus A - Mech Mixer
Dispersion Period :	1 minute
Specific Gravity :	2.65
Separation of Sample :	#200 Sieve



Client: EnviroSystems, Inc.	Project: 29543	Location: ---	Project No: GTX-306857
Boring ID: 29543- 028	Sample Type: jar	Tested By: jbr	Checked By: emm
Sample ID: SDT-01- 019-0102	Test Date: 08/21/17	Test Id: 420357	
Depth : ---	Test Comment: ---	Visual Description: Wet, dark gray silt with sand	Sample Comment: ---

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	16.1	83.9

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	100		
#40	0.42	99		
#60	0.25	97		
#100	0.15	95		
#200	0.075	84		
---	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0344	70		
---	0.0218	59		
---	0.0130	39		
---	0.0093	29		
---	0.0066	22		
---	0.0047	18		
---	0.0033	16		
---	0.0014	10		

<u>Coefficients</u>	
D ₈₅ = 0.0802 mm	D ₃₀ = 0.0095 mm
D ₆₀ = 0.0229 mm	D ₁₅ = 0.0030 mm
D ₅₀ = 0.0173 mm	D ₁₀ = 0.0014 mm
C _u = 16.357	C _c = 2.815

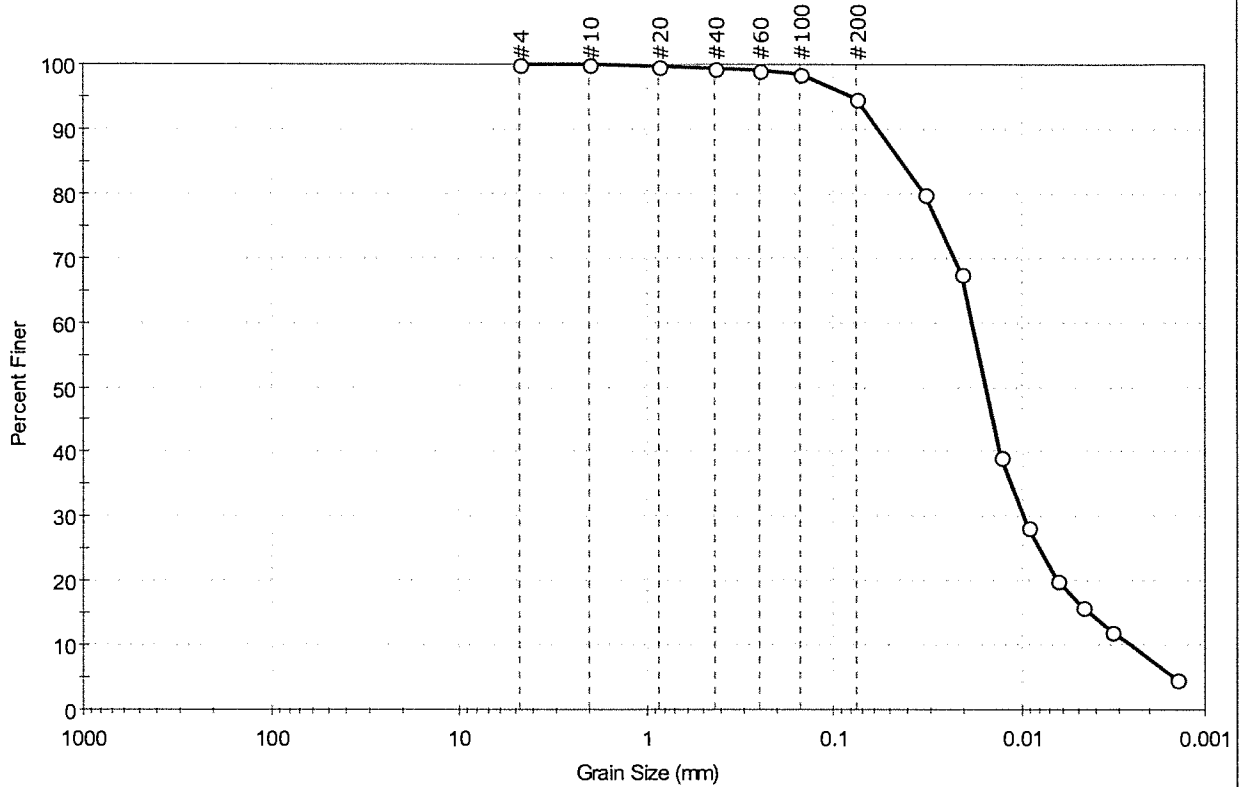
<u>Classification</u>	
<u>ASTM</u>	Elastic silt with sand (MH)
<u>AASHTO</u>	Clayey Soils (A-7-5 (62))

<u>Sample/Test Description</u>	
Sand/Gravel Particle Shape : ---	
Sand/Gravel Hardness : ---	
Dispersion Device : Apparatus A - Mech Mixer	
Dispersion Period : 1 minute	
Specific Gravity : 2.65	
Separation of Sample: #200 Sieve	



Client: EnviroSystems, Inc.
 Project: 29543
 Location: ---
 Project No: GTX-306857
 Boring ID: 29543- 030
 Sample Type: jar
 Tested By: jbr
 Sample ID: SDT-01- 019-0204
 Test Date: 08/21/17
 Checked By: emm
 Depth : ---
 Test Id: 420358
 Test Comment: ---
 Visual Description: Wet, dark gray silt
 Sample Comment: ---

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	5.2	94.8

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	100		
#40	0.42	100		
#60	0.25	99		
#100	0.15	98		
#200	0.075	95		
---	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0323	80		
---	0.0207	68		
---	0.0128	39		
---	0.0092	28		
---	0.0064	20		
---	0.0047	16		
---	0.0033	12		
---	0.0014	5		

Coefficients

D ₈₅ = 0.0432 mm	D ₃₀ = 0.0097 mm
D ₆₀ = 0.0182 mm	D ₁₅ = 0.0043 mm
D ₅₀ = 0.0153 mm	D ₁₀ = 0.0026 mm
C _u = 7.000	C _c = 1.988

Classification

<u>ASTM</u>	Elastic silt (MH)
<u>AASHTO</u>	Clayey Soils (A-7-5 (79))

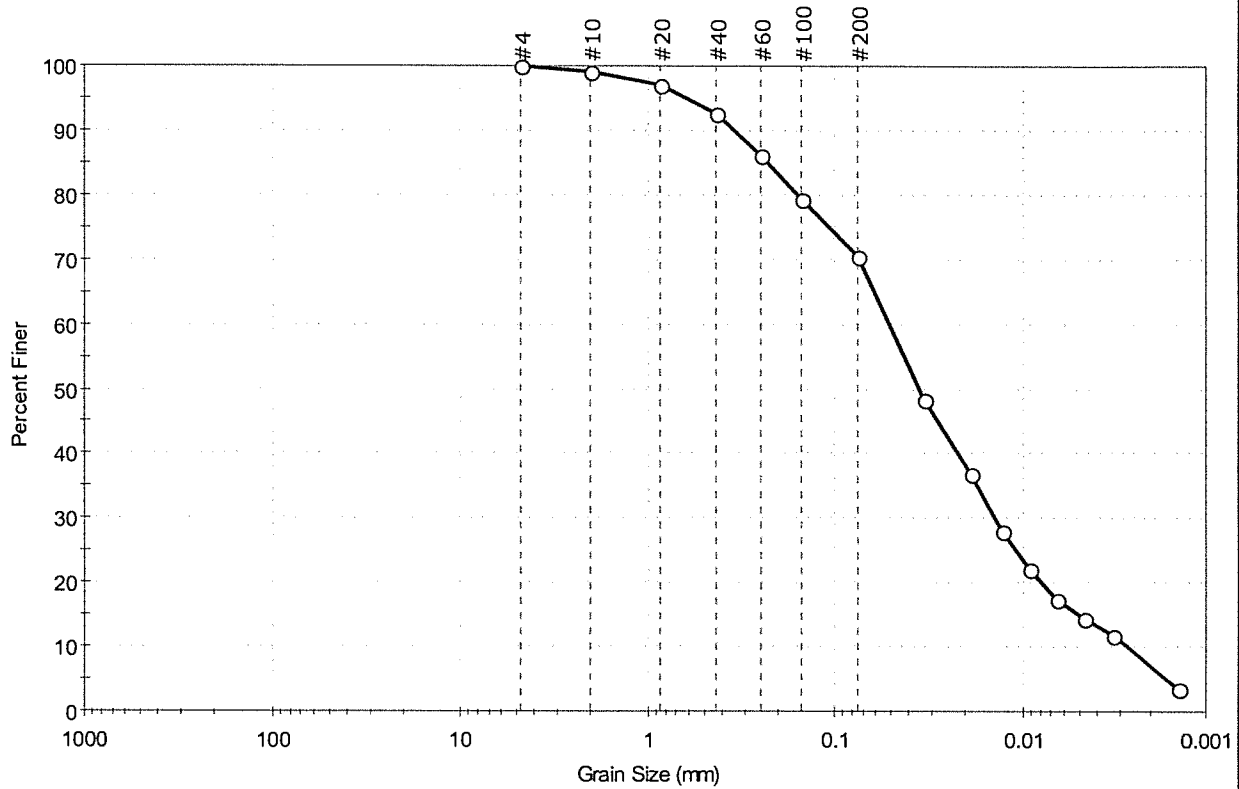
Sample/Test Description

Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---
Dispersion Device : Apparatus A - Mech Mixer
Dispersion Period : 1 minute
Specific Gravity : 2.65
Separation of Sample: #200 Sieve



Client: EnviroSystems, Inc.	Project: 29543	Location: ---	Project No: GTX-306857
Boring ID: 29543- 032	Sample Type: jar	Tested By: jbr	Checked By: emm
Sample ID: SDT-04- 051-0001	Test Date: 08/21/17	Test Id: 420359	
Depth : ---	Test Comment: ---	Visual Description: Wet, brown silt with sand	Sample Comment: ---

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	29.5	70.5

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	99		
#20	0.85	97		
#40	0.42	92		
#60	0.25	86		
#100	0.15	79		
#200	0.075	70		
---	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0333	49		
---	0.0190	37		
---	0.0129	28		
---	0.0092	22		
---	0.0066	17		
---	0.0047	14		
---	0.0033	12		
---	0.0014	3		

Coefficients

D ₈₅ = 0.2276 mm	D ₃₀ = 0.0140 mm
D ₆₀ = 0.0509 mm	D ₁₅ = 0.0050 mm
D ₅₀ = 0.0352 mm	D ₁₀ = 0.0028 mm
C _u = 18.179	C _c = 1.375

Classification

ASTM	Elastic silt with sand (MH)
AASHTO	Clayey Soils (A-7-5 (15))

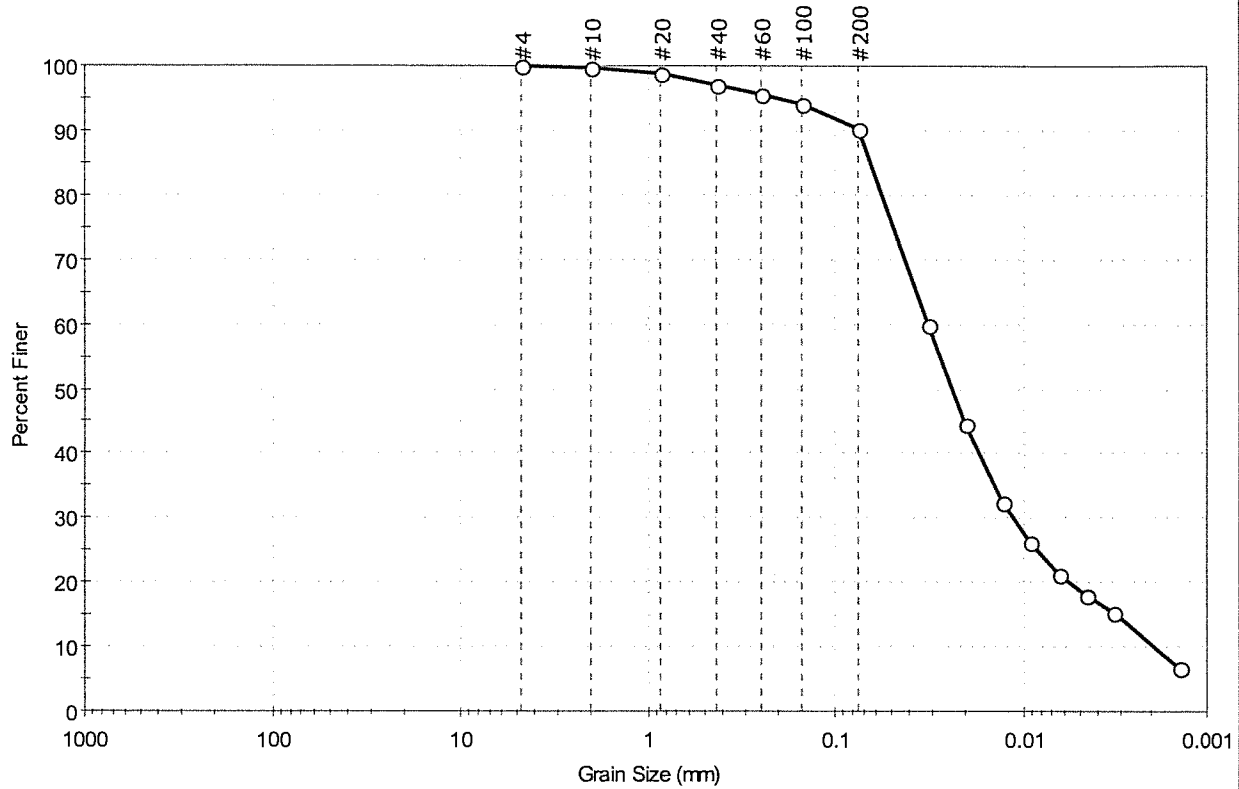
Sample/Test Description

Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---
Dispersion Device : Apparatus A - Mech Mixer
Dispersion Period : 1 minute
Specific Gravity : 2.65
Separation of Sample: #200 Sieve



Client: EnviroSystems, Inc.	Project No: GTX-306857
Project: 29543	
Location: ---	Tested By: jbr
Boring ID: 29543- 034	Sample Type: jar
Sample ID: SDT-04- 051-0102	Test Date: 08/21/17
Depth : ---	Checked By: emm
Test Comment: ---	Test Id: 420360
Visual Description: Moist, brown silt	
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	9.7	90.3

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	97		
#60	0.25	96		
#100	0.15	94		
#200	0.075	90		
---	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0316	60		
---	0.0204	45		
---	0.0128	32		
---	0.0091	26		
---	0.0065	21		
---	0.0046	18		
---	0.0033	15		
---	0.0014	7		

Coefficients

D ₈₅ = 0.0645 mm	D ₃₀ = 0.0112 mm
D ₆₀ = 0.0317 mm	D ₁₅ = 0.0032 mm
D ₅₀ = 0.0238 mm	D ₁₀ = 0.0019 mm
C _u = 16.684	C _c = 2.083

Classification

ASTM	Elastic silt (MH)
AASHTO	Clayey Soils (A-7-5 (49))

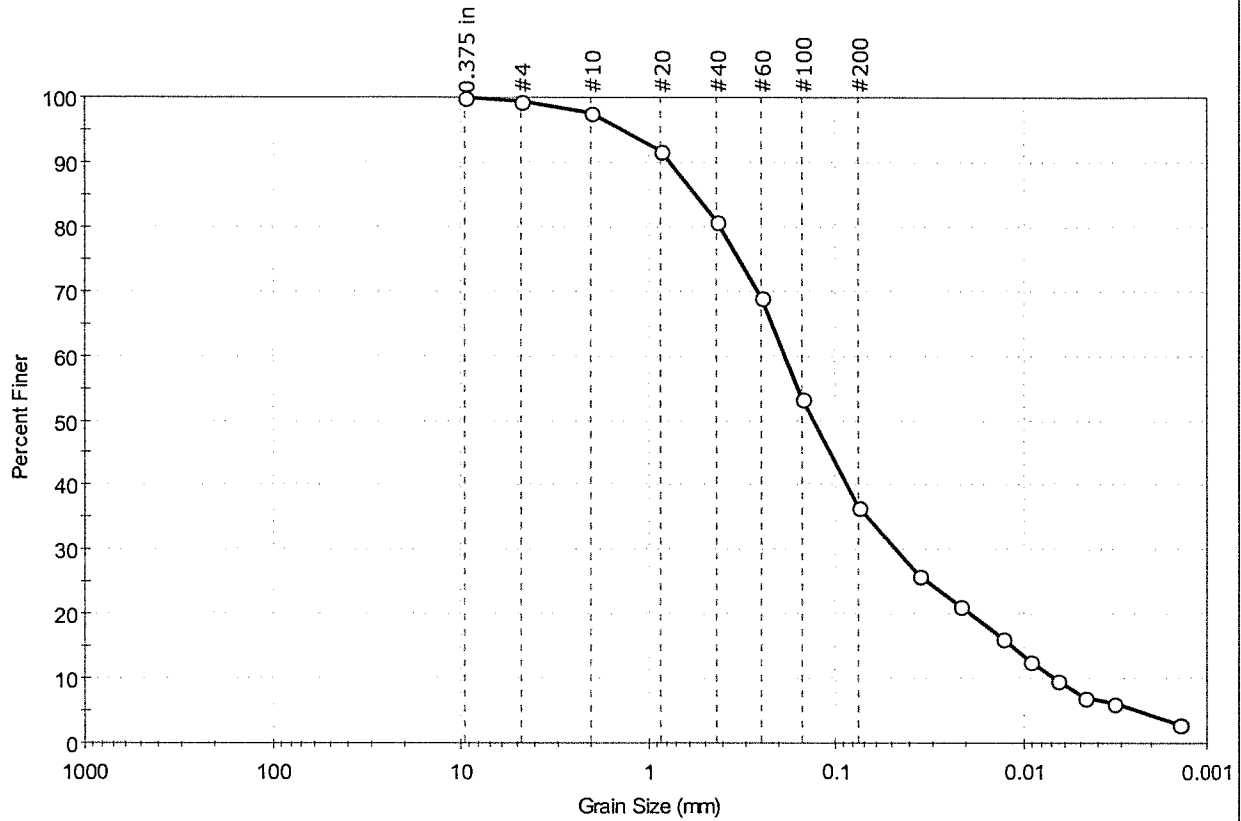
Sample/Test Description

Sand/Gravel Particle Shape : ---
 Sand/Gravel Hardness : ---
 Dispersion Device : Apparatus A - Mech Mixer
 Dispersion Period : 1 minute
 Specific Gravity : 2.65
 Separation of Sample: #200 Sieve



Client: EnviroSystems, Inc.	Project: 29543	Project No: GTX-306857
Location: ---	Boring ID: 29543- 036	Sample Type: jar
Sample ID: SDT-06- 055-0001	Test Date: 08/21/17	Tested By: jbr
Depth : ---	Test Id: 420361	Checked By: emm
Test Comment: ---	Visual Description: Wet, dark gray silty sand	Sample Comment: ---

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.6	62.8	36.6

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.375 in	9.50	100		
#4	4.75	99		
#10	2.00	98		
#20	0.85	92		
#40	0.42	81		
#60	0.25	69		
#100	0.15	53		
#200	0.075	37		
---	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0359	26		
---	0.0218	21		
---	0.0128	16		
---	0.0092	13		
---	0.0066	10		
---	0.0047	7		
---	0.0033	6		
---	0.0014	3		

Coefficients	
D ₈₅ = 0.5524 mm	D ₃₀ = 0.0473 mm
D ₆₀ = 0.1859 mm	D ₁₅ = 0.0115 mm
D ₅₀ = 0.1304 mm	D ₁₀ = 0.0069 mm
C _u = 26.942	C _c = 1.744

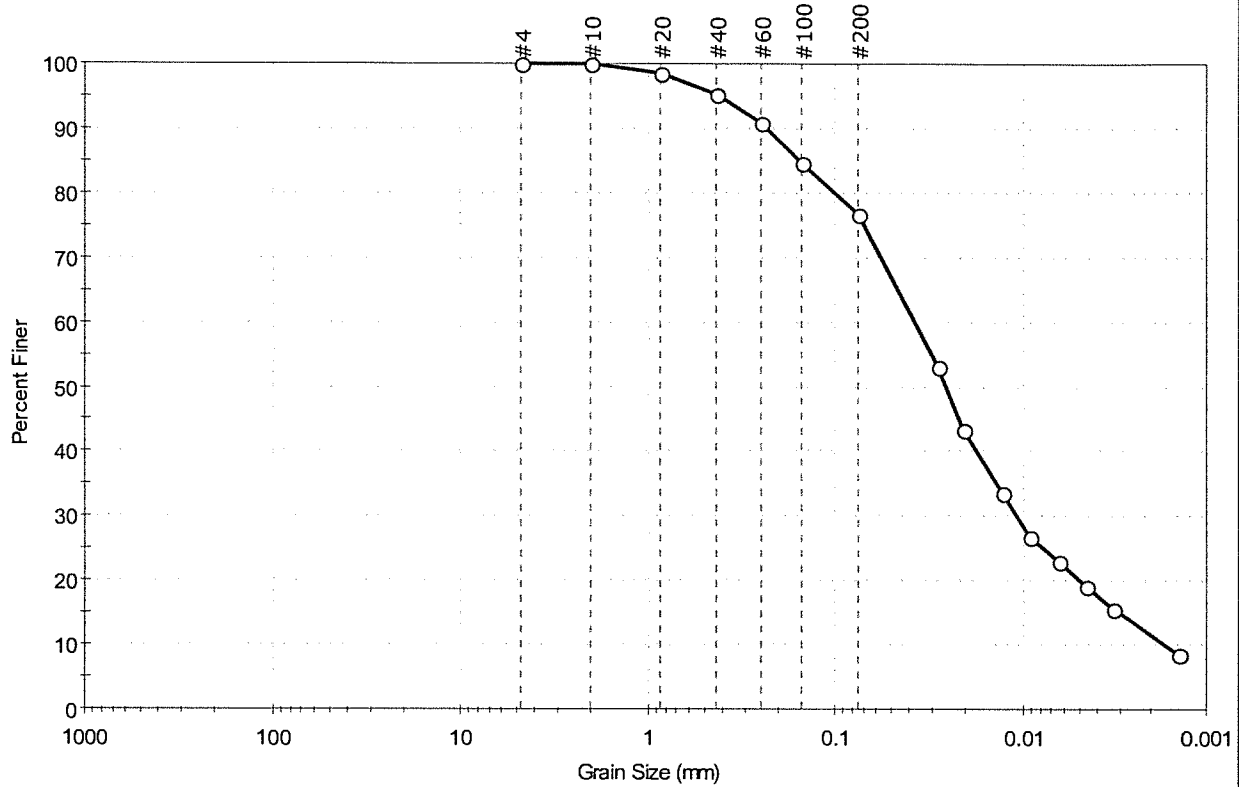
Classification	
ASTM	Silty sand (SM)
AASHTO	Clayey Soils (A-7-5 (1))

Sample/Test Description	
Sand/Gravel Particle Shape :	---
Sand/Gravel Hardness :	---
Dispersion Device :	Apparatus A - Mech Mixer
Dispersion Period :	1 minute
Specific Gravity :	2.65
Separation of Sample :	#200 Sieve



Client: EnviroSystems, Inc.	Project: 29543	Location: ---	Project No: GTX-306857
Boring ID: 29543- 038	Sample Type: jar	Tested By: jbr	Checked By: emm
Sample ID: SDT-06- 055-0102	Test Date: 08/21/17	Test Id: 420362	
Depth : ---	Test Comment: ---	Visual Description: Wet, dark gray clay with sand	Sample Comment: ---

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	23.3	76.7

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	95		
#60	0.25	91		
#100	0.15	85		
#200	0.075	77		
---	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0283	53		
---	0.0207	43		
---	0.0130	34		
---	0.0091	27		
---	0.0065	23		
---	0.0047	19		
---	0.0033	16		
---	0.0014	8		

<u>Coefficients</u>	
D ₈₅ = 0.1552 mm	D ₃₀ = 0.0107 mm
D ₆₀ = 0.0377 mm	D ₁₅ = 0.0031 mm
D ₅₀ = 0.0257 mm	D ₁₀ = 0.0017 mm
C _u = 22.176	C _c = 1.786

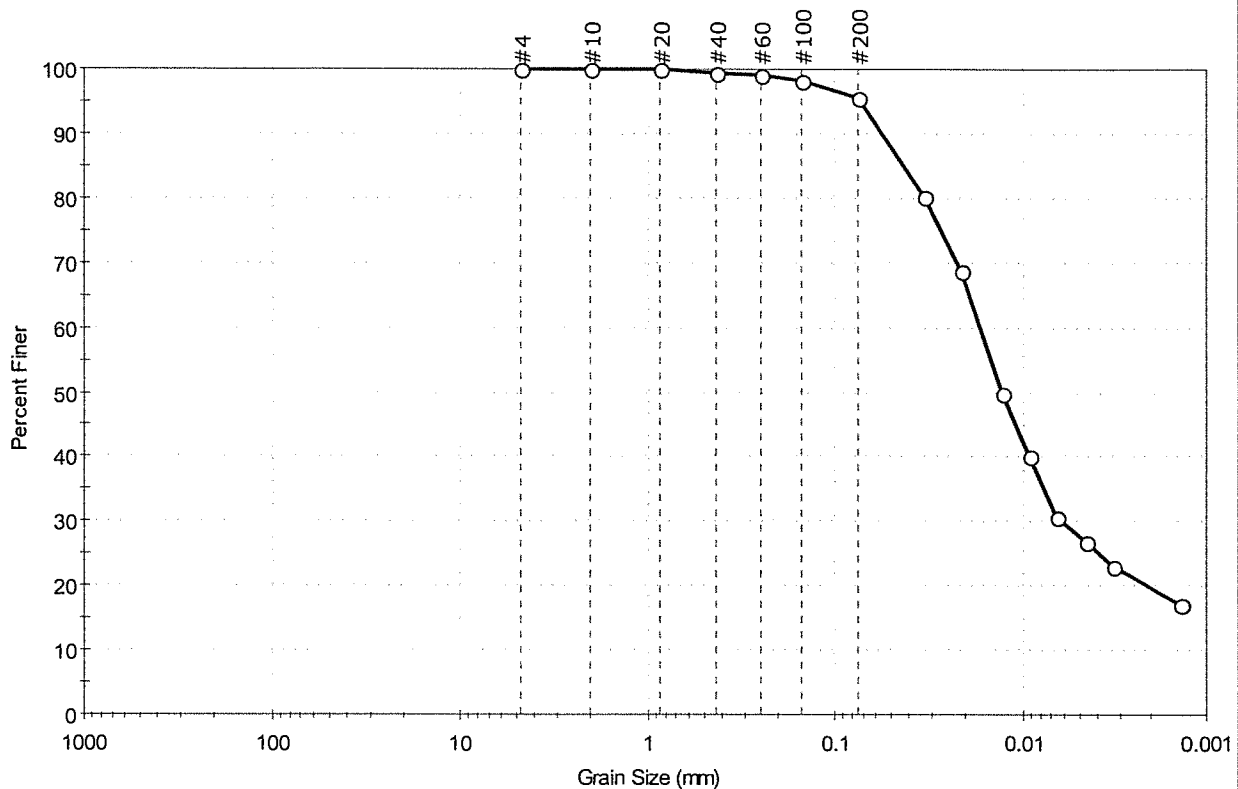
<u>Classification</u>	
<u>ASTM</u>	Fat clay with sand (CH)
<u>AASHTO</u>	Clayey Soils (A-7-5 (33))

<u>Sample/Test Description</u>
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---
Dispersion Device : Apparatus A - Mech Mixer
Dispersion Period : 1 minute
Specific Gravity : 2.65
Separation of Sample: #200 Sieve



Client: EnviroSystems, Inc.	Project: 29543	Location: ---	Project No: GTX-306857
Boring ID: 29543- 040	Sample Type: jar	Tested By: jbr	
Sample ID: SDT-06- 055-0204	Test Date: 08/21/17	Checked By: emm	
Depth : ---	Test Id: 420363		
Test Comment: ---			
Visual Description: Wet, brown silt			
Sample Comment: ---			

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	4.5	95.5

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	100		
#40	0.42	99		
#60	0.25	99		
#100	0.15	98		
#200	0.075	95		
---	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0333	80		
---	0.0210	69		
---	0.0128	50		
---	0.0091	40		
---	0.0065	31		
---	0.0046	27		
---	0.0033	23		
---	0.0014	17		

Coefficients	
D ₈₅ = 0.0428 mm	D ₃₀ = 0.0062 mm
D ₆₀ = 0.0167 mm	D ₁₅ = N/A
D ₅₀ = 0.0129 mm	D ₁₀ = N/A
C _u = N/A	C _c = N/A

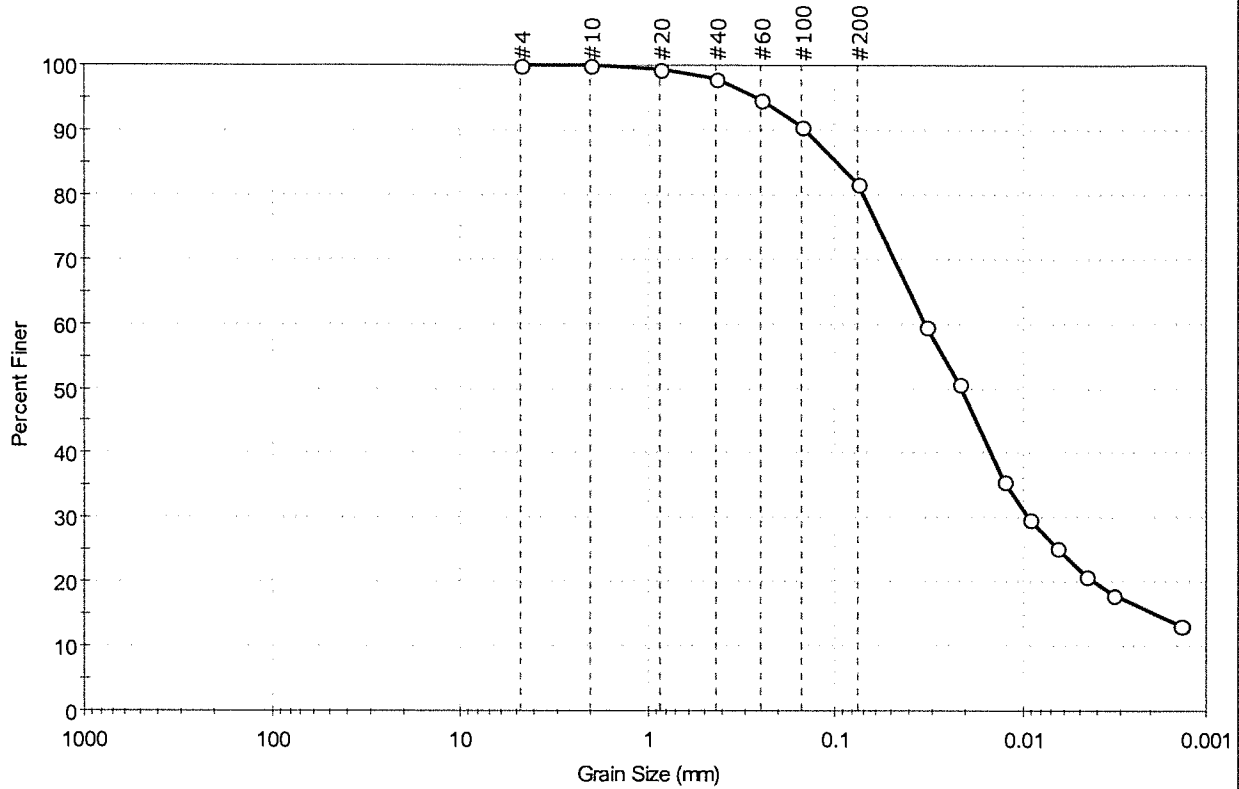
Classification	
ASTM	Elastic silt (MH)
AASHTO	Clayey Soils (A-7-5 (69))

Sample/Test Description	
Sand/Gravel Particle Shape : ---	
Sand/Gravel Hardness : ---	
Dispersion Device : Apparatus A - Mech Mixer	
Dispersion Period : 1 minute	
Specific Gravity : 2.65	
Separation of Sample: #200 Sieve	



Client: EnviroSystems, Inc.	Project No: GTX-306857
Project: 29543	
Location: ---	
Boring ID: 29543- 042	Sample Type: jar
Sample ID: SDT-08- 081-0001	Test Date: 08/21/17
Depth : ---	Test Id: 420364
Test Comment: ---	Tested By: jbr
Visual Description: Wet, brown silt with sand	Checked By: emm
Sample Comment: ---	

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	18.3	81.7

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	100		
#40	0.42	98		
#60	0.25	95		
#100	0.15	90		
#200	0.075	82		
---	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0327	60		
---	0.0218	51		
---	0.0126	36		
---	0.0092	30		
---	0.0065	25		
---	0.0046	21		
---	0.0033	18		
---	0.0014	13		

<u>Coefficients</u>	
D ₈₅ = 0.0973 mm	D ₃₀ = 0.0093 mm
D ₆₀ = 0.0332 mm	D ₁₅ = 0.0019 mm
D ₅₀ = 0.0213 mm	D ₁₀ = N/A
C _u = N/A	C _c = N/A

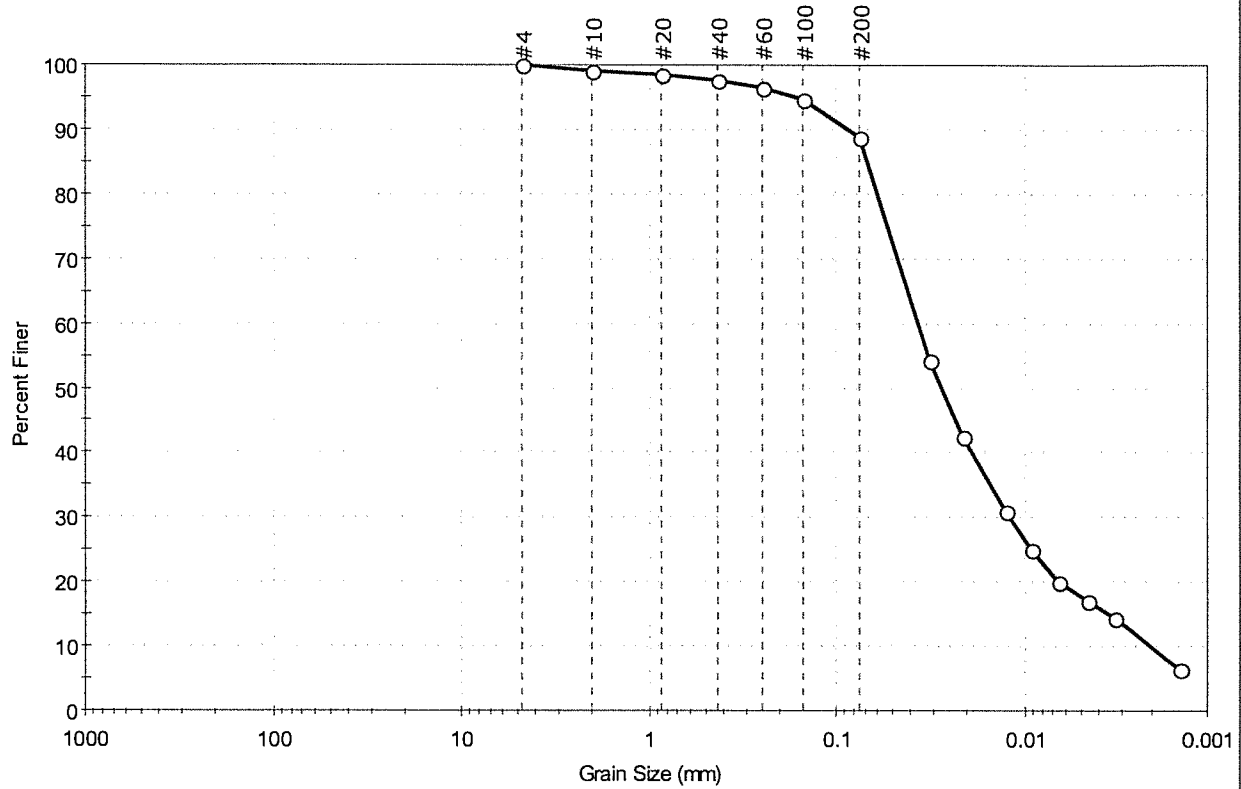
<u>Classification</u>	
<u>ASTM</u>	Elastic silt with sand (MH)
<u>AASHTO</u>	Clayey Soils (A-7-5 (28))

<u>Sample/Test Description</u>	
Sand/Gravel Particle Shape : ---	
Sand/Gravel Hardness : ---	
Dispersion Device : Apparatus A - Mech Mixer	
Dispersion Period : 1 minute	
Specific Gravity : 2.65	
Separation of Sample: #200 Sieve	



Client: EnviroSystems, Inc.	Project: 29543	Location: ---	Project No: GTX-306857
Boring ID: 29543- 044	Sample Type: jar	Tested By: jbr	Checked By: emm
Sample ID: SDT-08- 081-0102	Test Date: 08/21/17	Test Id: 420365	
Depth : ---	Test Comment: ---	Visual Description: Wet, brown silt	Sample Comment: ---

Particle Size Analysis - ASTM D422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
---	0.0	11.2	88.8

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	99		
#20	0.85	98		
#40	0.42	98		
#60	0.25	97		
#100	0.15	95		
#200	0.075	89		
---	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0322	54		
---	0.0213	43		
---	0.0125	31		
---	0.0092	25		
---	0.0065	20		
---	0.0046	17		
---	0.0033	15		
---	0.0014	6		

Coefficients	
D ₈₅ = 0.0684 mm	D ₃₀ = 0.0119 mm
D ₆₀ = 0.0371 mm	D ₁₅ = 0.0035 mm
D ₅₀ = 0.0277 mm	D ₁₀ = 0.0020 mm
C _u = 18.550	C _c = 1.908

Classification	
<u>ASTM</u>	Elastic silt (MH)
<u>AASHTO</u>	Clayey Soils (A-7-5 (33))

Sample/Test Description	
Sand/Gravel Particle Shape : ---	
Sand/Gravel Hardness : ---	
Dispersion Device : Apparatus A - Mech Mixer	
Dispersion Period : 1 minute	
Specific Gravity : 2.65	
Separation of Sample: #200 Sieve	



United States Army Corps of Engineers, New England District
Stratford Army Engine Plant, Stratford, CT
DRAFT FINAL Focused Feasibility Study

APPENDIX G

Dredging Alternatives Evaluation

STRATFORD ARMY ENGINE PLANT, STRATFORD, CONNECTICUT DREDGING ALTERNATIVES EVALUATION FEASIBILITY STUDY

FINAL DRAFT



Prepared for:

wood.

DbA AMEC Foster Wheeler
Quorum Office Park, 271 Mill Road
Chelmsford, Massachusetts 01824



**US Army Corps
of Engineers®**

U.S. Army Corps of Engineers, New England District
696 Virginia Road
Concord, Massachusetts 01742

Prepared by:

lally

Lally Consulting LLC
John Lally, P.E., Coastal Engineer
2811 Fairview Avenue East, Suite 1004
Seattle, Washington 98102
(206) 325-0274

March 2018

TABLE OF CONTENTS

1.0 Introduction	1
2.0 Site Assessment and Data Review	1
2.1 Proposed Remediation Plan	2
2.2 Shoreline Structures	2
2.3 Sediment Characteristics	2
2.4 Bathymetry	6
2.5 Water Levels	6
2.6 Wave Climate	6
3.0 Dredging Alternatives Evaluation	7
3.1 Key Considerations	7
3.1.1 Dredgeability	7
3.1.2 Production	7
3.1.3 Accuracy	8
3.1.3 Resuspension and Residuals	8
3.1.3 Engineering Controls	9
3.1.3.1 Cofferdam	9
3.1.3.2 Wave Attenuator	9
3.1.3.2 Turbidity Curtain	9
3.2 Alternative Dredging Technologies	10
3.2.1 Alternative 1 - Hydraulic Swinging Ladder Cutterhead Dredge	10
3.2.2 Alternative 2 - Precision (Mechanical) Excavator Dredge – Shallow Draft Barge Transport	11
3.2.3 Alternative 3 - Precision (Mechanical) Excavator Dredge – Hydraulic Transport	12
3.2.4 Alternative 4 - Amphibious Dredge	13
3.2.5 Alternative 5 - Long Reach Excavator	14
3.3 Summary	14
4.0 References	17

TABLES

Table 1 Off-the-Causeway Sediment Physical Characteristics 3
Table 2 Summary of Geotechnical Laboratory Testing Data, Site-Wide Samples 5
Table 3 Water Level Data 6
Table 4 Floating Plant Working Tides Analysis 7
Table 5 Implications of Dredging Accuracy Performance 8
Table 6 Alternative Dredging Technologies 15
Table 7 Resuspension and Residuals Generation Processes 16

APPENDICES

Appendix A October 6, 2017 Site Visit Photographs
Appendix B Alternative Dredging Technologies and Engineering Controls

**Dredging Alternatives Evaluation
Stratford Army Engine Plant
Stratford, Connecticut**

1.0 Introduction

Lally Consulting LLC (Lally) was tasked by Wood PLC dba AMEC Foster Wheeler (AMEC FW) to conduct a feasibility-level alternatives evaluation of dredging technologies for remediation of the Stratford Army Engine Plant (SAEP) site. The findings of these analyses, including proposed suitable alternative dredging technologies, are provided in this report.

2.0 Site Assessment and Data Review

To become familiar with site conditions and constraints, a site visit was conducted by John Lally at the SAEP property in Stratford, Connecticut on October 6, 2017, along with AMEC FW representatives Tony Delano and Danielle Ahern. After an introduction of the SAEP's historical activities and current operations by site representative Richard Barlow, Tikigao Construction LLC, shoreside visual assessment was made of the areas targeted for sediment remediation, including the Intertidal Flats (tidal flats), and, to a lesser degree, the Outfall 008 Drainage Ditch. The tidal flats shoreline and intertidal areas were viewed from the Causeway and central shoreline during mid- and low tide. A portion of the Outfall 008 Drainage Ditch was viewed at its west end through a chain link fence. Also viewed were the site's upland features including parking lots, roadways and buildings, that can potentially be employed for project access, staging areas, dredged material transport, dewatering and water treatment activities, cap material storage, and dredged material placement/beneficial use. Several photographs taken during the site visit are provided in Appendix A.

Further assessment was made through review of available site information. Several data sets were provided by AMEC FW or accessed through the additional efforts of Lally. These data and information include;

- *Geotechnical Investigation Summary Causeway Non-time Critical Removal Action Design* (Harding, 2000);
- Preliminary chemical analytical data and mapping of contaminants across the SAEP tidal flats;
- Preliminary geotechnical testing results for samples collected August and October 2017;
- Preliminary treatability study results;
- Preliminary dredge area delineation across the SAEP tidal flats and Outfall-008 Drainage Ditch remediation areas;
- National Oceanic and Atmospheric Administration (NOAA) tide data;
- Housatonic River Federal Navigation Project, Draft Environmental Assessment. (USACE, 2012);
- Historical aerial photography.

2.1 Proposed Remediation Plan

To address the sediment in the tidal flats, which has been determined to contain varying concentrations of primarily mercury, metals and PCBs, AMEC FW has developed a preliminary remediation plan. The plan currently involves the removal by dredging of approximately 58 acres of tidal flats sediment to depths of 1 ft. to 4 ft. below mudline. This would represent approximately 140,000 cy of dredged material to neatline elevation. Following dredging to target elevations, the dredged areas are proposed to be backfilled with clean material (i.e. sand) to original grades.

2.2 Shoreline Structures

The SAEP tidal flats site extends approximately 2,700 ft. along the right descending bank of the Housatonic River, with the downstream boundary roughly 7,700 ft. from the terminus of the outer breakwater at the river's entrance.

To protect the plant and property from wave-induced erosion and flooding, a dike and armor rock revetment approximately 2,300 ft. in length was installed along the facility's boundary with the tidal flats.

In the 2000s, an erosion control cover system consisting of geogrid marine mattresses was placed over the Causeway to prevent possible receptor contact with contaminated soil and overland transport of contaminated soil into the tidal flats.

Where the west tidal flats meet the Housatonic River, a quarystone jetty extends approximately 1,200 ft. parallel with channel. The crest elevation of the jetty is set at approximately 0 ft. MSL.

Photos of the site setting, including these structures, are provided in Appendix A.

2.3 Sediment Characteristics

The physical characteristics of the surface sediments in the east and west tidal flats were observed from shore during the site visit to be dark brown silt with some sand and organic content. The sediments are generally very soft, exhibiting high water content and low bearing strength.

The report *Geotechnical Investigation Summary, Causeway Non-Time Critical Removal Action Design Stratford Army Engine Plant, Stratford, Connecticut* (Harding, 2000) documented the subsurface geotechnical characteristics of the Causeway for the purposes of designing the aforementioned erosion control cover system. Accordingly, most of the borings driven for the investigation were on the Causeway. Five (5) borings, however, GB-00-05, GB-00-06, GB-00-07, GB-00-08 and GB-00-09 were collected off the Causeway and provide an indication of the physical characteristics of the surface sediment to be encountered in the dredge prism. For this dredging evaluation, relevant physical characteristics were extracted from the report and boring logs and summarized in Table 1.

Table 1
Off-the-Causeway Sediment Physical Characteristics (from Harding, 2000)

Sample	Bed Surface Elevation (ft, MSL)	Field Description			USCS Group Symbol	SPT - N Value (Blows / Foot)
		0 - 2 ft. Below Surface	2 - 4 ft. Below Surface	4 - 6 ft. Below Surface		
GB-00-05	-1.9	Black mud flat muck, gritty w/ trace sand, trace silt, trace fiber, distinct hydrocarbon odors, non-plastic, very sticky, non-draining. PID=3	Black organic silt, trace fibers, trace shells, Sulphur odor, w/ slight organic odor, non-plastic, non-dilating, non-draining. PID=2.6	Vane Shear	MH	<1
GB-00-06	-1.7	Black organic silt. High Sulphur odor, very soft, some fibers - muck. PID=7	Blackish brown organic silt. Muck, high Sulphur odor, very soft, micaceous, w/ some plant fibers. PID=31	Vane Shear	OL	<1
GB-00-07	-2.7	Black silt, soft, non-plastic	Black silt, loose fine sand, non-plastic	Vane Shear		<1
GB-00-08	-1.3	Black muck, silt, very soft	Black to very gray silt, fine sand, muck, very soft	Fine sandy silt, wood, soft, trace peat, micaceous brown to gray	ML / OL	<1
GB-00-09	-2.1	No recovery	Black muck and silt. Very high Sulphur odor, very soft and sticky. PID =2	Black to very dark gray organic silt, micaceous - does not stick to fingers when squeezed, strong Sulphur odor. PID=7	OL	<1

As seen in the upper core intervals (0-2 ft., 2-4 ft., and 4-6 ft.), the surface layers of the tidal flats on either side of the Causeway are generally characterized as very soft, black to very dark gray organic silt, often with some sand, shell and fiber content.

Standard Penetration Test (SPT) sampling was performed with blow counts recorded for each 6-inch interval. At the 5 samples of interest off the Causeway, the blow counts were all weight of rod ($N < 1$) in the upper core segments.

Vane shear testing (VST) was also performed on some of these samples in the field to characterize the shear strength of near surface sediments. For the off the Causeway samples, VST was undertaken at sample locations GB-00-05, GB-00-06, GB-00-07, at the 4-6 ft. interval. Based on VST results and analysis, the average undrained shear strength for the off the Causeway sediment was estimated to be 180 psf, while the saturated unit weight was estimated at 94 pcf, 0 - 10 ft. below mudline.

Based on the field sampling results and lab testing, strengths for the organic sediments were seen to increase with depth. Water contents are also reported to increase with depth. This is likely due to the increased organic contents observed with depth. (Harding, 2000)

As reported, the tidal flats sediment exhibits a high Sulphur odor. Photoionization detector (PID) testing was conducted on many samples, which registered readings as high as 31 ppm in GB-00-06, for example.

More recent field investigations and laboratory testing were initiated by AMEC FW in summer 2017 to yield a greater understanding of the physical properties of the contaminated sediment inventory in support of feasibility study development. Two sampling events, on August 22nd and October 19th, 2017 were undertaken.

For the August event, sampling was focused in four (4) discrete areas associated with some of the highest contaminant concentrations on the tidal flats. These areas were selected primarily for treatability testing and waste characterization analysis. From several of the coring locations, samples were collected to develop a treatability composite sediment sample. Of this master composite sample, 59.9% was silt and clay, with 38.4% sand, and 1.7% gravel, with a description of sandy silt (MH). LL was 72, PL was 43, and the PI was 29. Bulk (wet) density was 90.3 pcf and dry density was 50.1 pcf. Specific gravity was 2.61. Percent solids was 55.5%. (AMEC FW, 2018)

In the October event, ten (10) additional samples were collected from locations across the site. Samples were collected from borings advanced to the proposed depth of dredging (either 1, 2, 3, or 4 ft. below mudline) and composited across the depth of the recovered core. The October site-wide samples are more useful in assessing variability spatially and vertically across the site. A summary of the site-wide results is provided in Table 2.

For the ten (10) site-wide samples, silt content ranges from 17 to 66% and clay content ranges from 4 to 20%. Sand content ranges from 16.5 to 71.9% and descriptions include silt, silt with sand, sandy silt, and silty sand (MH, SM, and SM/ML). One sample was non-plastic. For plastic samples, LL ranged from 36 to 82, PL ranged from 33 to 41, and the PI ranged from 3 to 41. Bulk (wet) densities range from 81.5 to 112.5 pounds per cubic foot (pcf) and dry density ranges from 34.8 to 85.4 pcf. Specific gravity ranges from 2.5 to 2.68. Percent solids range from 50.4 to 75.9% and organic carbon ranges from 0.3 to 1.98%. (AMEC FW, 2018)

The results for the site-wide samples averaged 61.3% silt and clay, with 35.6% sand, and 0.9% gravel, with a description of sandy silt (MH). LL was 59.9, PL was 36.9, and the PI was 23. Bulk (wet) density was 101.1 pcf and dry density was 62.8 pcf. Specific gravity was 2.65. Percent solids was 61.6%. These results appear to provide a reasonable representation of overall geotechnical conditions at the site.

Table 2
 Summary of Geotechnical Laboratory Testing Data
 October 2017 Site-wide Samples

Sample Designation	Composite Depth Intervals (ft. bgs)	USCS Description	USCS Group Symbol	Moisture Content (%)	Total Unit Weight (pcf)	Dry Unit Weight (pcf)	% Solids	Specific Gravity	Particle Size Analysis				Atterberg Limits			
									% Gravel	% Sand	% Silt	% Clay	LL	PL	PI	LI
SDT-501-0003	0 - 3	Dark gray silt with sand	MH	98.4	92.6	46.7	50.4%	2.62	0.0	16.5	83.5	82	41	41	1.4	
SDT-502-0001	0 - 1	Dark gray silt with sand	MH	89.5	92.0	48.6	52.8%	2.62	0.0	23.1	76.9	78	39	39	1.3	
SDT-503-0002	0 - 2	Dark gray sandy silt	MH	72.8	96.7	56.0	57.9%	2.67	0.0	38.4	61.6	60	33	27	1.5	
SDT-504-0001	0 - 1	Dark gray sandy silt	MH	61.8	100.8	62.3	61.8%	2.64	0.0	43.3	56.7	51	35	16	1.7	
SDT-505-0002	0 - 2	Dark gray silt with sand	MH	59.9	101.4	63.4	62.5%	2.63	0.0	28.6	71.4	54	36	18	1.3	
SDT-506-0001	0 - 1	Dark gray silt with sand	MH	71.0	96.4	56.4	58.5%	2.65	0.0	26.1	73.9	64	37	27	1.3	
SDT-507-0004	0 - 4	Dark gray silty sand	SM	31.8	112.5	85.4	75.9%	2.63	6.7	71.9	21.4	Non - Plastic				
SDT-508-0001	0 - 1	Dark gray silt with sand	MH	66.3	101.8	61.2	60.1%	2.64	1.2	29.5	69.3	59	39	20	1.4	
SDT-509-0002	0 - 2	Dark gray silt with sand	MH	53.9	104.8	68.1	65.0%	2.68	0.0	25.7	74.3	55	39	16	0.9	
SDT-510-0001	0 - 1	Dark gray silty sand / sandy silt	SM/ML	40.4	111.6	79.5	71.2%	2.68	1.2	53.0	45.8	36	33	3	2.5	

Data extracted from Preliminary Summary of Geotechnical Laboratory Testing Data (AMEC FW, 2018)
 pcf = pounds per cubic foot, LL = liquid limit; PL = plastic limit; PI = plasticity index; LI = liquidity index
 ASTM clay size particles are 0.005 mm or smaller and silt sized particles are 0.075 mm to 0.005 mm.
 Hydrometer results have not yet been provided by the laboratory.

Debris, shellfish, organic matter, marsh grasses, etc. should also be characterized and accounted for in dredge and processing system design. Based on initial visual assessment, debris potentially to be encountered consists of loose riprap near the toe of the revetment and jetty, marsh grasses located along the western and southeastern shorelines of the tidal flat, and bivalves and mollusks within the sediment matrix. Anthropogenic debris from SAEP operations is unlikely to be encountered according to site personnel familiar with historic operations, but possible. One isolated pile of riprap was observed at roughly the - 3.5 ft. MSL contour in the east tide flat just off the Causeway that may require removal.

2.4 Bathymetry

The bathymetry of the tidal flats remediation area ranges from approximately 0.0 ft. MSL near the toe of the rock revetment, to -10 ft. MSL just channelward of the Causeway. The slope is gently sloping to flat across most of the tidal flats, with an average depth of roughly -2.0 ft. MSL on the west flat, and -3.0 ft. MSL on the east flat. Three primary rivulets (on the west flat) and many smaller rivulets drain the marshes and tidal flats.

2.5 Water Levels

Tides at the site are semi-diurnal, that is with two nearly equal high tides and low tides every lunar day (roughly 24 hours and 50 minutes). Tidal datums applicable to the project site were obtained from NOAA Tide Station 8467150, Bridgeport, the closest harmonic station to the project site. The tidal datums, with elevations converted from the station datum (NAVD88) to MLLW and MSL (project vertical datum), are provided in Table 3. Historic extreme water levels are also provided in Table 3.

Table 3
Water Level Data based on NOAA Tide Station 8467150

Water Level Data: NOAA Station 8467150 Bridgeport, CT	Elevation (ft., NAVD88)	Elevation (ft., MLLW)	Elevation (ft., MSL)
Mean Higher High Water (MHHW)	9.30	7.32	3.70
Mean High Water (MHW)	8.97	6.99	3.37
Mean Tide Level (MTL)	5.59	3.61	-0.01
Mean Sea Level (MSL)	5.6	3.62	0.00
Mean Low Water (MLW)	2.22	0.24	-3.38
Mean Lower-Low Water (MLLW)	1.98	0.00	-3.62
North American Vertical Datum of 1988 (NAVD88)	0.00	-1.98	-5.60
Highest Observed Water Level (Oct. 30, 2012)	15.02	13.04	9.42
Lowest Observed Water Level (Feb. 2, 1976)	-2.60	-4.58	-8.20

2.6 Wave Climate

The lower Housatonic River estuary near its confluence with Long Island Sound is generally protected from long period swell. The longest fetch distance over which wind-waves incident to the SAEP tide flats can form is slightly over a mile. Vessel wakes from heavy boat traffic in the adjacent navigation channel can generate wave energy across the tidal flats as well. In either case, it is unlikely that wave heights exceed 1.5 ft. and wavelengths exceed 10 ft.

3.0 Dredging Alternatives Evaluation

Informed by the site visit, preliminary geotechnical characterization, and initial physical processes evaluation, a shortlist of dredging technologies are proposed and evaluated in this section.

3.1 Key Considerations

3.1.1 Dredgeability

With regards to the dredgeability of the tidal flats surface sediments, the following observations are made based on the initial characterization information and prior experience;

- The material is diggable using hydraulic or mechanical dredging technology,
- The material is transportable by both hydraulic slurry pipeline or barge,
- The presence of clay provides for possible impacts to hydraulic slurry transport and mechanical dewatering processes,
- The potential for resuspension and residuals generation is considerable,
- The material does not have adequate bearing capacity to support terrestrial excavation/hauling equipment with or without matting, *in situ* conditions,
- The sediments do not appear suitable for in-place dewatering and excavation “in the dry”.

3.1.2 Production

The shallowness and expansiveness of the tidal flats site will limit access, and the size and production capacity of the dredging equipment to be employed. The site’s tidal regime will greatly influence remedial design decisions and the dredge production rates and cleanup efficiency to be achieved during construction implementation.

Based on the existing bathymetry, 0.0 ft. MSL provides an approximate elevation at which shallow draft dredging plant will be able to begin productively working the tidal flats. A tides analysis was developed to provide an idea of the time available above 0.0 ft MSL. The analysis was run for a typical construction window of 0600 hrs. - 1800 hrs. The percentage of time and average available hours per day above specific tide elevations is summarized in Table 4.

Table 4
Floating Plant Working Tides Analysis (based on NOAA Station Bridgeport, CT)

Tide Elevation (ft., MSL)	Average Hours above / Day	% Time above / Day
4.0	0.2	2%
3.0	1.7	15%
2.0	3.4	29%
1.0	4.3	36%
0.0	4.9	41%

Based on the analysis, for approximately 5 hours per day tide elevations will provide adequate flotation for dredging with shallow draft equipment (<3 ft.). While much of the time these working high tides would be continuous within a 12-hr work day, oftentimes they are split between early morning and late afternoon, which would further impact production efficiency. During lower tides the dredging equipment could be productive in deeper areas along the northern slopes of the tidal flats.

3.1.3 Accuracy

Measured at approximately 58 acres, the tidal flats site would significantly benefit from the application of precision dredging equipment, to minimize the unnecessary removal, transportation and processing of clean underlying sediments. To underscore the importance of dredging accuracy, Table 5 was developed to provide a simple estimate of realistic overdredge performance values for the SAEP tidal flats site, and associated volume and cost implications. The estimate assumes a total unit cost of \$400/CY for dredging, processing and T&D, based on recent experience at other remedial dredging sites.

Table 5
Implications of Dredging Accuracy on Volume and Cost

SAEP Tide Flats Dredge Area (Acres)	SAEP Tide Flats Dredge Area (ft ²)	Overdredge (ft)	Overdredge Volume (ft ³)	Overdredge Volume (CY)	\$/CY	Cost
58	2,526,000	0.1	252,600	9,000	\$400	\$3,600,000
		0.2	505,200	19,000		\$7,600,000
		0.5	1,263,000	47,000		\$18,800,000
		1.0	2,526,000	94,000		\$37,600,000

As can be seen from these order of magnitude examples, there are significant cost and schedule implications driven by dredging accuracy performance. Accordingly, precision variants of both hydraulic and mechanical dredges are proposed for this project, as discussed below.

3.1.4 Resuspension and Residuals

To achieve cleanup goals cost effectively, dredging plant, support equipment and approaches should be applied to the SAEP site that minimize the generation of residual contamination. Both generated residuals and undredged inventory can lead to excessive, and expensive, returns to areas not meeting cleanup criteria. There can be many causes of generated residuals, including loss at the cutterhead / clamshell bucket, propwash, and sloughing. Undredged inventory is often a function of how accurately the contaminated inventory was sampled and delineated in the horizontal and vertical extent, modeled, and how effectively the dredge prism was designed.

Similarly, to meet project water quality requirements, and possibly allow for expanded construction windows, dredging plant, support equipment and approaches should be applied to the SAEP site that create minimal resuspension.

Table 6 was developed to summarize the resuspension and residuals generation ‘footprint’ of the proposed dredging alternatives, by operation.

3.1.5 Engineering Controls

It is appropriate to consider the need for engineering controls at this stage as they relate to the evaluation of dredging alternatives and project planning.

3.1.5.1 Cofferdam

A steel sheet pile cellular cofferdam extending from the shore connection of the jetty to the eastern boundary of east tidal flat could effectively isolate the tidal flats dredging areas from the Housatonic River during construction. Isolation of the dredging area by cofferdam allows for consideration of;

- Performing sediment removal in-the-dry, or
- Performing dredging with constant flotation, and
- Preventing water quality impacts outside the project.

As reported in the *Geotechnical Investigation Summary* (Harding, 2000), the water contents in the sediments increase with depth, which makes the prospect of in-place dewatering and excavation in-the-dry difficult. Possibly more feasible through construction of the cofferdam would be maintaining a constant water surface elevation over the dredge areas to provide adequate flotation at all times. This would allow for optimal dredging production, accuracy and residuals management by the floating dredge operation. Lastly, a cofferdam would allow for the isolation of the dredging project, and consequential water quality impacts during construction, from the Housatonic River estuary. This could open the possibility of dredging year-round and not being subject to environmental windows.

The potential advantages of the cofferdam described above are worth considering during the feasibility and remedial design stages and will need to be balanced against the cost of the installation and any impacts during and following construction. One other consideration would be the increase in flooding potential along adjacent shoreline properties caused by an ongoing high water surface elevation and storm-induced wind-waves. Accordingly, and based on detailed analysis of tidal flats shoreline topography, the cofferdam engineering control should not create a pool elevation exceeding a typical high tide elevation (i.e. MHW, or MHHW).

3.1.5.2 Wave Attenuator

To reduce potential impacts incident wind-waves and vessel wakes may have on dredging operations while underway in the tidal flats, a floating wave attenuator could be installed at strategic segments of the opening between the jetty and Causeway, and Causeway and eastern project shoreline. Again, the potential benefits in terms of production gains would need to be compared to the costs of installation and maintenance. It would also be important to consider that the larger, heavier dredge platforms would be less impacted by waves than the smaller plant.

3.1.5.3 Turbidity Curtain

The use of silt curtains and turbidity curtains to manage water quality impacts from dredging and support operations is common at contaminated sediment sites. For the SAEP tidal flats site it is anticipated that a Type II or Type III full length curtain could be required to contain plumes and manage

water quality and release to adjacent waters. The alignment and depth of the curtain will need to be determined to meet agency requirements and accommodate dredging operations. It's possible the curtain would need to enclose a large area, i.e. between the jetty and eastern project shoreline, and accommodate a large tidal flux. A solid understanding of the tidal regime, including velocities, is suggested.

3.2 Alternative Dredging Technologies

Informed by an initial understanding of site conditions, likely processing and disposal scenarios, and experience, a shortlist of five (5) dredging technologies are proposed as likely suitable alternatives to complete the SAEP dredging work;

- Hydraulic Swinging Ladder Cutterhead Dredge
- Precision (Mechanical) Excavator Dredge - Hydraulic Transport
- Precision (Mechanical) Excavator Dredge - Shallow Draft Barge Transport
- Amphibious Dredge (Mechanical / Hydraulic)
- Long Reach (Terrestrial) Excavator

Most of these dredging technologies have been demonstrated to be effective on other contaminated sediment sites and show potential for successful application on the conditions the SAEP tide flats site presents, to a degree they are evaluated here. Photos of each technology are provided in Appendix B.

3.2.1 Alternative 1 - Hydraulic Swinging Ladder Cutterhead Dredge

A hydraulic swinging ladder cutter suction dredge in the 8-in class is proposed as an appropriately sized and functioning shallow draft hydraulic pipeline dredge for the SAEP tidal flats.

The Dredge Supply Company (DSC) Moray SL and Ellicott 360 SL are versions of swinging ladder dredge, both 8-in discharge, with similar pumping characteristics, that are suitable for a shallow dredge cuts, pipeline conveyance over long distances, and feeding mechanical dewatering systems. The Moray has been used on more sediment remediation projects than the 360SL, in part likely due to customizations to their base model dredges for specific applications (i.e. shallow draft, precision cutting, and higher % solids). That said, the Ellicott 360 swinging ladder dredge has also been adapting to the needs of environmental dredging projects.

The swinging ladder dredge spuds down to stabilize the dredge platform while dredging, for improved accuracy, steadier state cutting and slurry concentrations, and consistent lane advance. Horizontal positioning is good, better than +/- 2 ft. typically, in using the walking spud system to advance in small increments (generally about one cutterhead width), before lowering the spuds again, to create a stable platform from which to swing the ladder and cutterhead. Both the Moray and 360SL can be operated in either swinging ladder mode, which swings that ladder and cutterhead into the bank whilst the barge is held stationary; or in conventional mode, where the entire dredge platform pivots off its stern spud. Conventional mode allows for wider swing widths, to about 40 ft., while swinging ladder provides closer to a 20 ft. swing width depending on pontoon configuration and ladder length and depth.

The dredges' cutterheads are designed to agitate and draw the targeted bank material closer to the influence of the suction intake immediately behind the cutter on the ladder. Options in cutterhead design, for improved accuracy, higher % solids, and reduced residuals, have been developed for the Moray dredge. Also, to orient the cutterhead and suction level with the cut bank to promote improved accuracy and higher solids, articulated ladders are available for both the Moray SL and 360 SL.

On a recent visit to the Lower Fox River project in Green Bay, Wisconsin the performance of swinging ladder dredge operations was observed. Three hydraulic dredges, including one (1) 12-in and two (2) 8-in swinging ladder dredges were being employed on the project to remove and transport PCB-contaminated sediment up to 10 miles to the project's sediment processing facility. System capacity is 6,500 GPM, with typical operating discharge of 5,000-6,000 GPM combined from the three dredges. The 8-in DSC Moray dredges, was producing on the order 25-30 cy/hr in high bank material, and as low as 5 cy/hr or less in thin face - cleanup pass mode. Corresponding slurry concentrations are reported to range from 8%-12% solids by weight for thick faces down to 2%-4% solids by weight for thin faces – cleanup passes. Dredging efficiencies (effective time) was reportedly maintained at 80% - 90%.

The Moray dredges can draw as little 1.5-2.0 ft and use both conventional and modified pontoons for shallow water operations. The contractor on the Fox River employs, and in some cases developed, several different cutter attachments, including the conventional rotating basket cutter for denser and thicker material, an environmental disk cutter, as well as a specialized straight vacuum for unconsolidated, high water content material removal overlying stiffer substrates. The Moray dredge is essentially self-propelled in lane advances through use of the kicker (traveling) spud. Project-averaged vertical dredging accuracies are reported to be 0.4-0.5 ft. using installed RTK-GPS and electronic dredge positioning system.

Conceptually, for the SAEP tidal flat project, one (1) or two (2) 8-in swinging ladder dredge systems, which are truckable, could be transported to the project site, and lifted or floated into the Housatonic or possibly mobilized off the Causeway. Depending on the required feed characteristics of the project dewatering system, and to optimize production, accuracy, and residuals management performance, it may be advisable to include automation controls (i.e. swing speed, cutter speed, flow rate) and a site-specific cutterhead design to minimize spillage and resuspension. The dredge would also be instrumented with RTK-GPS and dredge positioning and guidance system to implement a final, potentially tighter tolerance dredging plan. Shallower draft pontoons, articulated ladders, and advanced spud systems would also be considered as potential cost savings measures on a swinging ladder dredging alternative. Developing an operations plan that would leverage the swinging ladder's dredge pattern, to achieve cleanup with the greatest efficiency, would be done at the design phase.

3.2.2 Alternative 2 - Precision (Mechanical) Excavator Dredge - Shallow Draft Barge Transport

Based on prior experience with both hydraulic and mechanical dredge types, precision excavator dredges coupled with a latest generation level-cut sealed environmental clamshell bucket can offer the best available performance on contaminated sediment remediation sites in most key categories, including dredging accuracy, production, solids concentrations, and residuals management. These platforms are also versatile in their ability to easily convert to capping operations.

For shallower sites like the SAEP tide flats, the precision excavator dredges can be constructed on site by fabricating a barge platform, typically of modular barges (i.e. Flexifloat), lifting on deck plant (spud and winches/drums, genset, control rooms, etc.) with a shore-based crane, then rolling on the excavator.

The excavator is instrumented with RTK-DGPS and a dredge and bucket positioning system (DBPS), using a series of angle sensors (inclinometers) and rotation sensors mounted on the machine, boom, stick, and bucket for precise location and monitoring of the dredge and bucket. Operating from a relatively stable platform with 2-4 spuds, precision dredging, to better than 2-in. vertically, is achieved by placing the cutting edge of the bucket to target elevations monitored via a real-time heads-up display. For sites with high cost for T&D, use of the +/- 1-in. variance or better level-cut clamshell buckets is warranted to minimize further 'scallop' cuts into non-target sediments. Dredging progresses in defined set patterns, with consistent grab thicknesses and overlap to manage residuals and maintain planned production rates. For optimal solids concentrations and production rates, bucket grabs with consistently high fill efficiency are made. Barges provide the ability to transport dredge materials at highest possible solids concentrations, with the only water added that which is entrained in the bucket. To a large degree, clamshell buckets can also contend with debris better than hydraulic dredging systems.

Another potential advantage of mechanical dredging is the ability to leverage a 'visual' dredging approach. Developed on New Bedford Harbor during the Pre-Design Field Test in 2000, with the first excavator-mounted level-cut clamshell bucket used in the United States, this is the ability to make real time visual assessments of the material being dredged, to inform and tune core-based dredge target elevations. This approach is feasible where the contact between the contaminated inventory and 'clean' native material can be distinguished, either by color or consistency. Based on review of initial core logs from the east and west flat, the surface layers are predominantly homogenous black to dark gray organic silt (muck), very soft, with no distinguishing contact with native. The ability to apply the aforementioned approach in this case thus far appears limited.

For either the mechanical excavator with barge transport approach, or hybrid mechanical excavator – hydraulic transport approach, described in the next section, it is conceptualized that one (1) or two (2) shallow draft precision excavator dredges, would be employed to be able to work the tides efficiently, i.e. one working the east flat and one the west flat, or two working the west flat. These would use something like a CAT 3049MH long reach material handler or similar class excavator to operate an approximate 3.0 cy sealed level-cut environmental clamshell bucket. Deck barge platforms would be configured to provide greater flotation for optimal dredging production in the shallow conditions the tidal flats present. It is envisioned Flexifloat S-50 modular barges, which are 5 ft. high, would be used in the deck barge fabrication. Lane advances (stepping) and moves between areas would be accomplished using either an anchor and wire system or shallow draft push boat. These determinations would be based on balancing access, production, and residuals management on the tidal flats, while not sacrificing realized dredging accuracy.

To accommodate anticipated dredge production rates, depth limitations, and transport the mechanically dredge sediments from the point of dredging to shore, shallow draft barges would be needed for the mechanical dredging operations. Conceptually the barges would have capacities of roughly 60 cy, and not draw more than about 3 ft. To move the barges, shallow draft, truckable push boats would be employed. It is recognized that the push boats would be sources of resuspension, and their design and operations will need to be planned and managed carefully to keep water quality and residuals generation within acceptable ranges.

Another component that would need to be addressed with a mechanical dredging alternative (no hydraulic pipeline) at the SAEP, is transloading of dredged sediments to the presumed mechanical dewatering facility (i.e. east parking lot.). A likely scenario to transload dredged sediments under precision excavator and barge alternative would be to build a barge offloading area (BOA) on either the

northwest or northeast corner of the Causeway, or, near the channelside shore connection of the jetty. This would require construction of a pier-trestle capable of supporting a hydraulic offloader system and/or material offloading crane. Once installed, the BOA could be used for other site activities, including potentially residual cover and capping material conveyance to capping barges.

3.2.3 Alternative 3 - Precision (Mechanical) Excavator Dredge - Hydraulic Transport

This alternative combines the benefits of precision excavator dredging and hydraulic pipeline transport. Advantages and limitations are essentially the same as described for the precision excavator in the prior section. By the hybrid dredging approach, mechanical excavation removes material with a high degree of accuracy, typically better than 2-in below target elevation on average, at close to *in situ* concentrations, and places it in a hopper on board the dredge for initial screening of larger debris. Material that passes the debris screen, or grizzly, is slurried via a high efficiency, automated pump, with just enough makeup water to transport the material at maximum practical and steady-state concentrations. The makeup water can be sourced from a seachest along the dredge rail, or recirculated. The dredge material slurry would be received and processed in the same manner as hydraulically dredged sediment, at a presumed mechanical dewatering facility at the SAEP east parking lot.

During a pilot study in New Bedford Harbor in 2000, production averaged approximately 80 cy/hr, in deeper water, vertical dredging accuracy exceeded +/- 0.4 ft. with an average overdredge of -0.1 to -0.2 ft. below target elevation for the test area, and the visual dredging method was developed and applied to make real-time adjustments to the dredge plan. A similar system and approach has recently been setup at New Bedford and starting to achieve similar results, with improved accuracies. Additional details on the hybrid dredge system, can be reviewed in the Pre-Design Field Test study report, <https://www3.epa.gov/region1/superfund/sites/newbedford/23751.pdf>.

3.2.4 Alternative 4 - Amphibious Excavator

There are many variants of amphibious dredges, both mechanical and hydraulic. Mechanical models such as the Wilco marsh buggy are conventional excavator machines mounted on custom floating or low ground pressure (LGP) tracked pontoons. Hydraulic amphibious dredges such as the Amphibex or Waterking, use large sponsons and kicking spuds to traverse over ground. These platforms are also convertible to mechanical dredging mode.

While the production rates and accuracy of these dredges are not as high as Alternatives 1-3, the concept of employing amphibious dredges from floating to emergent conditions, to remain productive in the intertidal areas over the full tidal cycle, is attractive for this site. What would present a distinct disadvantage for these dredge types, however, is the problem of residuals generation and recontamination. Interaction of the tracks in the case of the marsh buggy and its support equipment (i.e. LGP trucks), or of the barge and sponsons in the case of the Amphibex type, would significantly disturb the bed surface, and cause mixing such that a 'clean' and organized removal sequencing would be difficult to achieve.

Examples of amphibious dredge types are provided in Figures 7 and 8 of Appendix B.

3.2.5 Alternative 5 - Long Reach (Terrestrial) Excavator

A long-reach excavator operated from stable ground close to the water's edge for the mechanical removal of near shore sediments is likely a suitable approach and cost effective for much of SAEP sediment site. Mechanically dredged material removed at close to *in situ* concentrations can provide savings in processing and disposal costs. Elimination of some of the shallowest areas, or areas where shoreline debris content may be high would also yield savings versus applying floating plant. Given the preliminary design slopes, a long reach excavator would also be a preferred technology for sediment removal and basin contouring in the Outfall 008 Drainage Ditch.

Long reach excavators are available from several manufacturers with various boom and stick configurations and aftermarket attachments. Reaches can extent to about 70 ft. from kingpin along the digging envelope. Smooth lipped, open faced buckets are typically used, however, with proper lifting capacity calculations, a sealed, level-cut clamshell bucket may be better applied, particularly if removing soft, high water content sediments, and on the tidal flats. An open bucket may be required in the Outfall 008 Drainage Ditch to accomplish slope sculpting. In either case, the dredged materials could be placed in dump trucks and presumably hauled to an onsite stabilization or processing facility.

Examples of long reach excavators working on shoreline and canal projects are provided in Figures 9 and 10 of Appendix B.

3.3 Summary

Specifications and estimated performance characteristics for the five alternative dredging technologies evaluated for this site are summarized in Table 6. Table 7 has been developed to provide the resuspension and residuals generation 'footprint' of each alternative, by operation. Table 7 does not yet attempt to quantify the various source mechanisms, nor propose mitigation measures or best management practices, of which there are many.

Based on the evaluations conducted, recommendation is made to retain Alternatives 1, 2, 3 and 5 for possible application on the SAEP project. To make a final determination on which technology or combination of technologies would be most effective in achieving project goals, detailed production and cost estimates for each system should be developed, cleanup goals better understood (i.e. backfilling to be carried out or not), and the site's dredged material disposal / beneficial use alternatives assessed further.

The estimates should incorporate reasonable performance value assumptions for production rates, dredging accuracy, equipment costs, added water, as well as construction schedules to assess the overall project cost for each dredging alternative. With this knowledge, determination of the most cost-effective dredging approach can be made, and developed during the remedial design phase.

TABLE 6
ALTERNATIVE DREDGING TECHNOLOGIES



Dredge Performance Parameter	Alternative 1 8-in. CUTTER SUCTION DREDGE , SWINGING LADDER, HYDRAULIC TRANSPORT	Alternative 2 PRECISION MECHANICAL DREDGE - SHALLOW DRAFT BARGE TRANSPORT	Alternative 3 HYBRID - PRECISION MECHANICAL DREDGE / HYDRAULIC TRANSPORT	Alternative 4 AMPHIBIOUS DREDGE (MECHANICAL / HYDRAULIC)	Alternative 5 LONG REACH TERRESTRIAL EXCAVATOR
Examples	DSC 8-In Moray	Hudson River Precision Excavator	New Bedford Harbor Hybrid Dredge	Wilco Marsh Buggy / Amphibex, Waterking	CAT 345D, CAT 352F, Komatsu PC200
Removal Method	Basket, Horizontal Disk or Viscous Cutterhead	Sealed, Level Cut Clamshell bucket, w/ Rotator	Sealed, Level Cut Clamshell bucket, w/ Rotator	Sealed Clamshell bucket, Open smooth bucket, or cutterhead	Sealed, Level Cut Clamshell bucket, w/ Rotator, or Open smooth edge bucket
Propulsion, lane advance	Traveling (Kicker) Spud	Winch & Wire Rope - Anchor, Skiff/Tug Assist	Winch & Wire Rope - Anchor, Skiff/Tug Assist	Tracks on ground, Sponson/kicking spud, Z- drive propeller	N/A
Propulsion, between areas	Skiff / Tug assist	Skiff / Tug assist	Skiff / Tug assist	Self Propelled	Self Propelled
Draft (ft.)	~2.5	~3.0	~3.0	~2.5	N/A
Weight (lbs.)	42,000 lbs	+ 200,000 lbs	+ 200,000 lbs	100,000 - 200,000 lbs	100,000 - 150,000 lbs
Positioning Method	Three-Four (3-4) 8-in Spuds	Two-Three (2-3) 20-in Spuds	Two-Three (2-3) 20-in Spuds	Two-Four Spuds, Sponson	N/A
Accuracy - Horizontal (ft.)	1.0 - 2.0	0.3 - 1.0	0.3 - 1.0	1.0 - 3.0	0.2 - 0.5
Accuracy - Vertical (ft.)	0.4 - 0.7	0.2 - 0.5	0.2 - 0.5	0.5 - 1.0	0.1 - 0.5
Visual Dredging Approach	No	Yes	Yes	Yes / No	Yes
Lane Width (ft.)	17 - 40	30 - 50	30 - 50	20 - 40	N/A
% Solids by Weight (Dry Solids)	2% - 12%	30% - 70%	10% - 20%	2% - 70%	30% - 70%
Production Rate (per dredge)	15 - 50 cy/hr	20 - 80 cy/hr	20 - 80 cy/hr	20 - 40 cy/hr	30 - 60 cy/hr
Operating Depth Range (ft.)	0 ft - 18 ft.	0 ft. - 25 ft.	0 ft. - 25 ft.	0 ft. - 15 ft.	0 ft. - 25 ft.
Convertible to Debris Removal Operations	No	Yes	Yes	Yes	Yes
Convertible to Capping Operations	No	Yes	Yes	Yes	Yes
Impact of Debris on Production	High	Low	Medium	High	Low
Residuals Footprint (See Table 7)	Medium	Medium	Medium	High	Low
Material Transport	HDPE Pipeline	Shallow Draft Hopper Barge	HDPE Pipeline	Shallow Draft Hopper Barge, LGP Truck, HDPE Pipeline	Dump Truck, LGP Truck
Barge Offloading Area Required	No	Yes	No	Yes / No	No
Adaptable to Mechanical Dewatering	Yes	No	Yes	Yes / No	No
Adaptable to Geotube Dewatering	Yes	No	Yes	Yes / No	No
Adaptable to Stabilization	No	Yes	No	Yes / No	Yes
Adaptable to Pneumatic Flow Tube Mixing	No	Yes	No	Yes / No	Yes

TABLE 7
RESUSPENSION AND RESIDUALS GENERATION PROCESSES



Potential Sources of Residuals and/or Resuspension	Alternative 1 8-in. CUTTER SUCTION DREDGE , SWINGING LADDER, HYDRAULIC TRANSPORT	Alternative 2 PRECISION MECHANICAL DREDGE - SHALLOW DRAFT BARGE TRANSPORT	Alternative 3 HYBRID - PRECISION MECHANICAL DREDGE / HYDRAULIC TRANSPORT	Alternative 4 AMPHIBIOUS DREDGE (MECHANICAL / HYDRAULIC)	Alternative 5 LONG REACH TERRESTRIAL EXCAVATOR
Anchor System	No anchor system required in swinging ladder mode. When dredging in conventional mode, to achieve wider cuts, an anchor and wire system is used to swing entire dredge. On SAEP a 3- or 4- wire system deployed up to 500 ft fore-aft and side-side of dredge, using shore connections when possible. Anchor setting and removal, with propwash and potential groundings of work boat and A-frame, and interaction of wires with bed, can cause resuspension and residuals.	No anchor system required for mechanical dredging operations, however may be used to optimize access and production in shallow tide dependent areas of the SAEP. Likely a 3- or 4-point wire system could make use of shore anchors when possible. Anchor setting and removal, with propwash and potential groundings of work boat and A-frame, and interaction of wires with bed, can cause resuspension and residuals.	Anchor and wire system may be advisable for hybrid dredge to optimize access and production in shallows tidal dependent areas of the SAEP, likely a 4- or 5-point wire system could make use of shore anchors when possible. Anchor setting and removal, with propwash and potential groundings of work boat and A-frame, and interaction of wires with bed, can cause resuspension and residuals.	Anchor and wire system not suitable for amphibious dredge types.	N/A, land-based
Point of Dredging	Overloading of pump suction results in plowing, loss, and generated residuals. Overpenetration and mixing generates residuals and disturbed inventory. Evacuation of sediment slurry in discharge pipeline back to harbor to clear pump of debris, backflushing, and clearing plugged pipelines generates resuspension and residual contamination. Potential for grounding.	Resuspension with pressure wave as bucket approaches bed. Resuspension and residuals due to loss from grab closure through cycle to barge placement when bucket not sealed completely, or overfilled. Potential to cause generated residuals and undredged inventory if proper bucket overlap not achieved. Potential for grounding.	Resuspension with pressure wave as bucket approaches bed. Resuspension and residuals due to loss from grab closure through cycle to barge placement when bucket not sealed completely, or overfilled. Potential to cause generated residuals and undredged inventory if proper bucket overlap not achieved. Potential for grounding.	Grounding and traversing over bed surface is inherent in these dredge types. Significant residuals and resuspension likely. In addition, overloading of pump suction results in plowing, loss, and generated residuals. Overpenetration and mixing generates residuals and disturbed inventory. Evacuation of sediment slurry in discharge pipeline back to harbor to clear pump of debris, backflushing, and clearing plugged pipelines generates resuspension and residual contamination. In mechanical mode resuspension with pressure wave as bucket approaches bed. Resuspension and residuals due to loss from grab closure or open face bucket.	Resuspension with pressure wave as bucket approaches bed. Resuspension and residuals due to loss from grab closure or open face bucket.
Material Transport	Submerged and floating discharge pipeline interaction with bed surface. Periodic barge transits needed to transfer debris to shore.	Propwash and potential groundings from shallow draft barge operations. Barge transits from the dredges to the barge offloading area (BOA), oftentimes working the tides and with possibly less than 1 ft unkeel clearance.	Submerged and floating discharge pipeline interaction with bed surface. Periodic barge transits needed to transfer debris to shore.	By hydraulic method, submerged and floating discharge pipeline interaction with bed surface. Periodic barge transits needed to transfer debris to shore. By mechanical method LGP truck may be required, which would cause significant residuals. Propwash and potential groundings from shallow draft barge operations. Barge transits from the dredges to the barge offloading area (BOA).	N/A, land-based
Positioning and Lane Advance	Typically 1-2 passes required per 1 ft bank of material to remove. Uses traveling (kicker) spud to step forward in uniform increments, typically one cutterhead width. Each step requires resetting of the three (3) 8-in square spuds.	Typically 1 pass required per 1-2 ft bank of material to remove. Uses two (2) 20-in spuds to position dredge. Lane advance can be achieved by traveling spud, push boat assist, or anchor/wire, each with potential to generate resuspension and residual generation potential.	Typically 1 pass required per 1-2 ft bank of material to remove. Uses two (2) 20-in spuds to position dredge. Lane advance can be achieved by traveling spud, push boat assist, or anchor/wire, each with potential to generate resuspension and residual generation potential.	Typically 1 pass required per 1-2 ft bank of material to remove. Uses two (2) 8-10 in. spuds to position. Lane advance can be achieved by traveling spud, outboards, push boat assist, or tracking over bed surface, each generate resuspension and residuals.	N/A, land-based
Move between Areas	Moving dredges between areas upon completing an area, to accommodate bathy surveys and verification sampling, or working the tides. Propeller wash from work boats and pipeline moves creates resuspension and potentially residuals.	Moving dredges between areas upon completing an area, to accommodate bathy surveys and verification sampling, or working the tides. Propeller wash from work boats create resuspension and potentially residuals.	Moving dredges between areas upon completing an area, to accommodate bathy surveys and verification sampling, or working the tides. Propeller wash from work boats and pipeline moves creates resuspension and potentially residuals.	Movements achieved by traveling spud, outboards, push boat assist, or tracking over bed surface, each generate resuspension and residuals.	N/A, land-based
Debris Management	Separate debris removal operation may be required, but not foreseen on SAEP.	Separate debris removal step not anticipated.	Separate debris removal step not anticipated.	Separate debris removal step not anticipated.	Separate debris removal step not anticipated.

4.0 References

AMEC FW, 2017. Stratford Army Engine Plant Stakeholder Meeting Presentation, August 22, 2017.

Harding, 2000, *Geotechnical Investigation Summary Causeway Non-time Critical Removal Action Design Stratford Army Engine Plant, Stratford, Connecticut*. Contract DAAAM-02-97-D-0005. Harding ESE, 2000.

Shiman, P. 1997. *Forging the Sword; Defense Production During the Cold War*. USACERL, Special Report 97/77, July 1997 A Study Jointly Sponsored by: United States Air Force Air Combat Command and Department of Defense Legacy Program, Cold War Project

USEPA, 2017. Waste Site Cleanup & Reuse in New England website. RCRA Corrective Action. Stratford Army Engine Plant, EPA ID # CTD001181502, Site ID # 0101823. U.S. Environmental Protection Agency.

AMEC FW, 2018. Draft Focused Feasibility Study for Stratford Army Engine Plant, Contract No.: W912WJ-15-D-003 Task Order No.: 002. February, 2018

APPENDIX A
October 6, 2017 Site Visit Photographs



Photo 1. West end of Outfall 008 Drainage Ditch looking east from east parking lot. October 6, 2017.



Photo 2. East of Outfall 008 Drainage Ditch confluence with tidal lagoon, looking northwest. October 6, 2017.



Photo 3. South Causeway, looking north, mid-tide. October 6, 2017.



Photo 4. Head of Causeway looking east across east tide flat, dike and revetment, mid-tide. October 6, 2017.



Photo 5. Head of Causeway looking west across west tide flat, dike and revetment, mid-tide. October 6, 2017.



Photo 6. North Causeway looking east at Housatonic River confluence with Long Island Sound, mid-tide. October 6, 2017.



Photo 7. North Causeway looking north across Housatonic River at Nells Island, mid-tide. October 6, 2017.



Photo 8. North Causeway looking northwest across west tide flat boundary with Housatonic River and jetty light. Note jetty is submerged at mid-tide. Note USCG buoy tender managing vessel traffic. October 6, 2017.



Photo 9. Mid - Causeway looking northwest. Note vessel wake propagating into western tide flat, mid-tide. October 6, 2017.



Photo 10. Mid - Causeway on marine mattress erosion control cover system looking west across west tide flat, mid-tide. Note vessel wake has approximate 6 ft. wavelength, 0.5 ft. amplitude. October 6, 2017.



Photo 11. Mid - Causeway looking southeast across east tide flat to eastern end of dike and revetment, mid-tide. October 6, 2017.



Photo 12. South Causeway on rock revetment looking west across west tide flat, near low-tide. October 6, 2017.



Photo 13. Mid - Causeway looking east across east tide flat, near low-tide. Note isolated debris pile (riprap). October 6, 2017.



Photo 14. Mid - Causeway looking southeast across east tide flat, near low-tide. October 6, 2017.



Photo 15. Mid - Causeway on marine mattress erosion control cover system looking west across west tide flat, near low-tide. Note subtidal zone. Note emergent jetty. October 6, 2017.

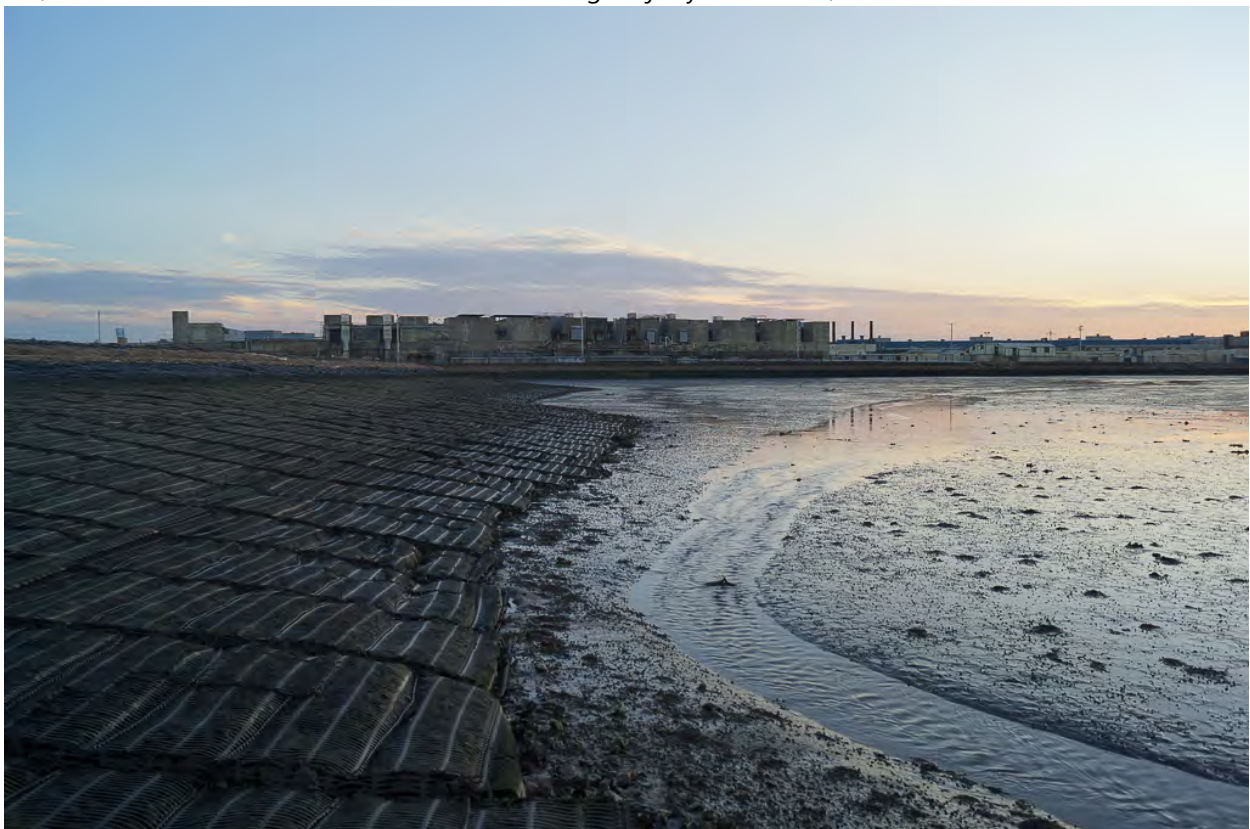


Photo 16. North Causeway on marine mattress erosion control cover system looking south with Building 19 in background, near low-tide. Note toe of marine mattress erosion control cover system. Note tidal rivulet running through surface sediment. October 6, 2017.



Photo 17. North Causeway looking north across Housatonic River towards Nells Island, near low-tide. Note shallow slope of marine mattress erosion control cover system extending to subtidal. October 6, 2017.



Photo 18. North Causeway looking south along east tide flat, near low-tide. October 6, 2017.



Photo 19. North Causeway looking west across entrance to west tide flat, near low-tide. Note subtidal area. Note fishermen practicing riparian rights. October 6, 2017.



Photo 20. South Causeway looking north. October 6, 2017.

APPENDIX B
Alternative Dredging Approaches



Figure 1. Alternative 1 - Swinging Ladder Dredge. Source: Dredge Supply Company



Figure 2. Alternative 1 - Swinging Ladder Dredge with Articulated Ladder. Source: Dredge Supply Co.



Figure 3. Alternative 2 - Precision Excavator Dredge, Shallow Draft Barge, Hudson River, NY, 2009.



Figure 4. Alternative 2 - Precision Excavator Dredge, Shallow Draft Barge, Push Boat, Hudson River, 2013



Figure 5. Alternative 3 - Hybrid Precision Excavator Hydraulic Transport Dredge, New Bedford, MA, 2000



Figure 6. Alternative 3 - Precision Excavator - Hydraulic Transport Dredge with 4.6 cy (3.5 m³) Horizontal Profile Grab Level-Cut Environmental Clamshell Bucket, New Bedford, MA, 2000.



Figure 7. Alternative 4 – Amphibious Dredge - Mechanical. Source: BIG Dredging



Figure 8. Alternative 4 – Amphibious Dredge - Mechanical. Source: Amphibex



Figure 9. Alternative 5 – Long Reach Excavator. CAT 345B. Source: Pierce Pacific



Figure 10. Alternative 5 – Long Reach Excavator. CAT 352F. Source: CAT



Figure 11. Engineering Control - Cofferdam. Source: Pilebuck



Figure 12. Engineering Control – Wave Attenuator. Source: Kropf



Figure 13. Engineering Control – Silt Curtain, Type III. Source: Elastec



Figure 14. Engineering Control – Turbidity Barrier. Source: Layfield



United States Army Corps of Engineers, New England District
Stratford Army Engine Plant, Stratford, CT
DRAFT FINAL Focused Feasibility Study

APPENDIX G

Dredging Alternatives Evaluation

STRATFORD ARMY ENGINE PLANT, STRATFORD, CONNECTICUT DREDGING ALTERNATIVES EVALUATION FEASIBILITY STUDY

FINAL DRAFT



Prepared for:

wood.

DbA AMEC Foster Wheeler
Quorum Office Park, 271 Mill Road
Chelmsford, Massachusetts 01824



**US Army Corps
of Engineers®**

U.S. Army Corps of Engineers, New England District
696 Virginia Road
Concord, Massachusetts 01742

Prepared by:

lally

Lally Consulting LLC
John Lally, P.E., Coastal Engineer
2811 Fairview Avenue East, Suite 1004
Seattle, Washington 98102
(206) 325-0274

March 2018

TABLE OF CONTENTS

1.0 Introduction	1
2.0 Site Assessment and Data Review	1
2.1 Proposed Remediation Plan	2
2.2 Shoreline Structures	2
2.3 Sediment Characteristics	2
2.4 Bathymetry	6
2.5 Water Levels	6
2.6 Wave Climate	6
3.0 Dredging Alternatives Evaluation	7
3.1 Key Considerations	7
3.1.1 Dredgeability	7
3.1.2 Production	7
3.1.3 Accuracy	8
3.1.3 Resuspension and Residuals	8
3.1.3 Engineering Controls	9
3.1.3.1 Cofferdam	9
3.1.3.2 Wave Attenuator	9
3.1.3.2 Turbidity Curtain	9
3.2 Alternative Dredging Technologies	10
3.2.1 Alternative 1 - Hydraulic Swinging Ladder Cutterhead Dredge	10
3.2.2 Alternative 2 - Precision (Mechanical) Excavator Dredge – Shallow Draft Barge Transport	11
3.2.3 Alternative 3 - Precision (Mechanical) Excavator Dredge – Hydraulic Transport	12
3.2.4 Alternative 4 - Amphibious Dredge	13
3.2.5 Alternative 5 - Long Reach Excavator	14
3.3 Summary	14
4.0 References	17

TABLES

Table 1 Off-the-Causeway Sediment Physical Characteristics 3
Table 2 Summary of Geotechnical Laboratory Testing Data, Site-Wide Samples 5
Table 3 Water Level Data 6
Table 4 Floating Plant Working Tides Analysis 7
Table 5 Implications of Dredging Accuracy Performance 8
Table 6 Alternative Dredging Technologies 15
Table 7 Resuspension and Residuals Generation Processes 16

APPENDICES

Appendix A October 6, 2017 Site Visit Photographs
Appendix B Alternative Dredging Technologies and Engineering Controls

**Dredging Alternatives Evaluation
Stratford Army Engine Plant
Stratford, Connecticut**

1.0 Introduction

Lally Consulting LLC (Lally) was tasked by Wood PLC dba AMEC Foster Wheeler (AMEC FW) to conduct a feasibility-level alternatives evaluation of dredging technologies for remediation of the Stratford Army Engine Plant (SAEP) site. The findings of these analyses, including proposed suitable alternative dredging technologies, are provided in this report.

2.0 Site Assessment and Data Review

To become familiar with site conditions and constraints, a site visit was conducted by John Lally at the SAEP property in Stratford, Connecticut on October 6, 2017, along with AMEC FW representatives Tony Delano and Danielle Ahern. After an introduction of the SAEP's historical activities and current operations by site representative Richard Barlow, Tikigao Construction LLC, shoreside visual assessment was made of the areas targeted for sediment remediation, including the Intertidal Flats (tidal flats), and, to a lesser degree, the Outfall 008 Drainage Ditch. The tidal flats shoreline and intertidal areas were viewed from the Causeway and central shoreline during mid- and low tide. A portion of the Outfall 008 Drainage Ditch was viewed at its west end through a chain link fence. Also viewed were the site's upland features including parking lots, roadways and buildings, that can potentially be employed for project access, staging areas, dredged material transport, dewatering and water treatment activities, cap material storage, and dredged material placement/beneficial use. Several photographs taken during the site visit are provided in Appendix A.

Further assessment was made through review of available site information. Several data sets were provided by AMEC FW or accessed through the additional efforts of Lally. These data and information include;

- *Geotechnical Investigation Summary Causeway Non-time Critical Removal Action Design* (Harding, 2000);
- Preliminary chemical analytical data and mapping of contaminants across the SAEP tidal flats;
- Preliminary geotechnical testing results for samples collected August and October 2017;
- Preliminary treatability study results;
- Preliminary dredge area delineation across the SAEP tidal flats and Outfall-008 Drainage Ditch remediation areas;
- National Oceanic and Atmospheric Administration (NOAA) tide data;
- Housatonic River Federal Navigation Project, Draft Environmental Assessment. (USACE, 2012);
- Historical aerial photography.

2.1 Proposed Remediation Plan

To address the sediment in the tidal flats, which has been determined to contain varying concentrations of primarily mercury, metals and PCBs, AMEC FW has developed a preliminary remediation plan. The plan currently involves the removal by dredging of approximately 58 acres of tidal flats sediment to depths of 1 ft. to 4 ft. below mudline. This would represent approximately 140,000 cy of dredged material to neatline elevation. Following dredging to target elevations, the dredged areas are proposed to be backfilled with clean material (i.e. sand) to original grades.

2.2 Shoreline Structures

The SAEP tidal flats site extends approximately 2,700 ft. along the right descending bank of the Housatonic River, with the downstream boundary roughly 7,700 ft. from the terminus of the outer breakwater at the river's entrance.

To protect the plant and property from wave-induced erosion and flooding, a dike and armor rock revetment approximately 2,300 ft. in length was installed along the facility's boundary with the tidal flats.

In the 2000s, an erosion control cover system consisting of geogrid marine mattresses was placed over the Causeway to prevent possible receptor contact with contaminated soil and overland transport of contaminated soil into the tidal flats.

Where the west tidal flats meet the Housatonic River, a quarystone jetty extends approximately 1,200 ft. parallel with channel. The crest elevation of the jetty is set at approximately 0 ft. MSL.

Photos of the site setting, including these structures, are provided in Appendix A.

2.3 Sediment Characteristics

The physical characteristics of the surface sediments in the east and west tidal flats were observed from shore during the site visit to be dark brown silt with some sand and organic content. The sediments are generally very soft, exhibiting high water content and low bearing strength.

The report *Geotechnical Investigation Summary, Causeway Non-Time Critical Removal Action Design Stratford Army Engine Plant, Stratford, Connecticut* (Harding, 2000) documented the subsurface geotechnical characteristics of the Causeway for the purposes of designing the aforementioned erosion control cover system. Accordingly, most of the borings driven for the investigation were on the Causeway. Five (5) borings, however, GB-00-05, GB-00-06, GB-00-07, GB-00-08 and GB-00-09 were collected off the Causeway and provide an indication of the physical characteristics of the surface sediment to be encountered in the dredge prism. For this dredging evaluation, relevant physical characteristics were extracted from the report and boring logs and summarized in Table 1.

Table 1
Off-the-Causeway Sediment Physical Characteristics (from Harding, 2000)

Sample	Bed Surface Elevation (ft, MSL)	Field Description			USCS Group Symbol	SPT - N Value (Blows / Foot)
		0 - 2 ft. Below Surface	2 - 4 ft. Below Surface	4 - 6 ft. Below Surface		
GB-00-05	-1.9	Black mud flat muck, gritty w/ trace sand, trace silt, trace fiber, distinct hydrocarbon odors, non-plastic, very sticky, non-draining. PID=3	Black organic silt, trace fibers, trace shells, Sulphur odor, w/ slight organic odor, non-plastic, non-dilating, non-draining. PID=2.6	Vane Shear	MH	<1
GB-00-06	-1.7	Black organic silt. High Sulphur odor, very soft, some fibers - muck. PID=7	Blackish brown organic silt. Muck, high Sulphur odor, very soft, micaceous, w/ some plant fibers. PID=31	Vane Shear	OL	<1
GB-00-07	-2.7	Black silt, soft, non-plastic	Black silt, loose fine sand, non-plastic	Vane Shear		<1
GB-00-08	-1.3	Black muck, silt, very soft	Black to very gray silt, fine sand, muck, very soft	Fine sandy silt, wood, soft, trace peat, micaceous brown to gray	ML / OL	<1
GB-00-09	-2.1	No recovery	Black muck and silt. Very high Sulphur odor, very soft and sticky. PID =2	Black to very dark gray organic silt, micaceous - does not stick to fingers when squeezed, strong Sulphur odor. PID=7	OL	<1

As seen in the upper core intervals (0-2 ft., 2-4 ft., and 4-6 ft.), the surface layers of the tidal flats on either side of the Causeway are generally characterized as very soft, black to very dark gray organic silt, often with some sand, shell and fiber content.

Standard Penetration Test (SPT) sampling was performed with blow counts recorded for each 6-inch interval. At the 5 samples of interest off the Causeway, the blow counts were all weight of rod ($N < 1$) in the upper core segments.

Vane shear testing (VST) was also performed on some of these samples in the field to characterize the shear strength of near surface sediments. For the off the Causeway samples, VST was undertaken at sample locations GB-00-05, GB-00-06, GB-00-07, at the 4-6 ft. interval. Based on VST results and analysis, the average undrained shear strength for the off the Causeway sediment was estimated to be 180 psf, while the saturated unit weight was estimated at 94 pcf, 0 - 10 ft. below mudline.

Based on the field sampling results and lab testing, strengths for the organic sediments were seen to increase with depth. Water contents are also reported to increase with depth. This is likely due to the increased organic contents observed with depth. (Harding, 2000)

As reported, the tidal flats sediment exhibits a high Sulphur odor. Photoionization detector (PID) testing was conducted on many samples, which registered readings as high as 31 ppm in GB-00-06, for example.

More recent field investigations and laboratory testing were initiated by AMEC FW in summer 2017 to yield a greater understanding of the physical properties of the contaminated sediment inventory in support of feasibility study development. Two sampling events, on August 22nd and October 19th, 2017 were undertaken.

For the August event, sampling was focused in four (4) discrete areas associated with some of the highest contaminant concentrations on the tidal flats. These areas were selected primarily for treatability testing and waste characterization analysis. From several of the coring locations, samples were collected to develop a treatability composite sediment sample. Of this master composite sample, 59.9% was silt and clay, with 38.4% sand, and 1.7% gravel, with a description of sandy silt (MH). LL was 72, PL was 43, and the PI was 29. Bulk (wet) density was 90.3 pcf and dry density was 50.1 pcf. Specific gravity was 2.61. Percent solids was 55.5%. (AMEC FW, 2018)

In the October event, ten (10) additional samples were collected from locations across the site. Samples were collected from borings advanced to the proposed depth of dredging (either 1, 2, 3, or 4 ft. below mudline) and composited across the depth of the recovered core. The October site-wide samples are more useful in assessing variability spatially and vertically across the site. A summary of the site-wide results is provided in Table 2.

For the ten (10) site-wide samples, silt content ranges from 17 to 66% and clay content ranges from 4 to 20%. Sand content ranges from 16.5 to 71.9% and descriptions include silt, silt with sand, sandy silt, and silty sand (MH, SM, and SM/ML). One sample was non-plastic. For plastic samples, LL ranged from 36 to 82, PL ranged from 33 to 41, and the PI ranged from 3 to 41. Bulk (wet) densities range from 81.5 to 112.5 pounds per cubic foot (pcf) and dry density ranges from 34.8 to 85.4 pcf. Specific gravity ranges from 2.5 to 2.68. Percent solids range from 50.4 to 75.9% and organic carbon ranges from 0.3 to 1.98%. (AMEC FW, 2018)

The results for the site-wide samples averaged 61.3% silt and clay, with 35.6% sand, and 0.9% gravel, with a description of sandy silt (MH). LL was 59.9, PL was 36.9, and the PI was 23. Bulk (wet) density was 101.1 pcf and dry density was 62.8 pcf. Specific gravity was 2.65. Percent solids was 61.6%. These results appear to provide a reasonable representation of overall geotechnical conditions at the site.

Table 2
 Summary of Geotechnical Laboratory Testing Data
 October 2017 Site-wide Samples

Sample Designation	Composite Depth Intervals (ft. bgs)	USCS Description	USCS Group Symbol	Moisture Content (%)	Total Unit Weight (pcf)	Dry Unit Weight (pcf)	% Solids	Specific Gravity	Particle Size Analysis				Atterberg Limits			
									% Gravel	% Sand	% Silt	% Clay	LL	PL	PI	LI
SDT-501-0003	0 - 3	Dark gray silt with sand	MH	98.4	92.6	46.7	50.4%	2.62	0.0	16.5	83.5	82	41	41	1.4	
SDT-502-0001	0 - 1	Dark gray silt with sand	MH	89.5	92.0	48.6	52.8%	2.62	0.0	23.1	76.9	78	39	39	1.3	
SDT-503-0002	0 - 2	Dark gray sandy silt	MH	72.8	96.7	56.0	57.9%	2.67	0.0	38.4	61.6	60	33	27	1.5	
SDT-504-0001	0 - 1	Dark gray sandy silt	MH	61.8	100.8	62.3	61.8%	2.64	0.0	43.3	56.7	51	35	16	1.7	
SDT-505-0002	0 - 2	Dark gray silt with sand	MH	59.9	101.4	63.4	62.5%	2.63	0.0	28.6	71.4	54	36	18	1.3	
SDT-506-0001	0 - 1	Dark gray silt with sand	MH	71.0	96.4	56.4	58.5%	2.65	0.0	26.1	73.9	64	37	27	1.3	
SDT-507-0004	0 - 4	Dark gray silty sand	SM	31.8	112.5	85.4	75.9%	2.63	6.7	71.9	21.4	Non - Plastic				
SDT-508-0001	0 - 1	Dark gray silt with sand	MH	66.3	101.8	61.2	60.1%	2.64	1.2	29.5	69.3	59	39	20	1.4	
SDT-509-0002	0 - 2	Dark gray silt with sand	MH	53.9	104.8	68.1	65.0%	2.68	0.0	25.7	74.3	55	39	16	0.9	
SDT-510-0001	0 - 1	Dark gray silty sand / sandy silt	SM/ML	40.4	111.6	79.5	71.2%	2.68	1.2	53.0	45.8	36	33	3	2.5	

Data extracted from Preliminary Summary of Geotechnical Laboratory Testing Data (AMEC FW, 2018)
 pcf = pounds per cubic foot, LL = liquid limit; PL = plastic limit; PI = plasticity index; LI = liquidity index
 ASTM clay size particles are 0.005 mm or smaller and silt sized particles are 0.075 mm to 0.005 mm.
 Hydrometer results have not yet been provided by the laboratory.

Debris, shellfish, organic matter, marsh grasses, etc. should also be characterized and accounted for in dredge and processing system design. Based on initial visual assessment, debris potentially to be encountered consists of loose riprap near the toe of the revetment and jetty, marsh grasses located along the western and southeastern shorelines of the tidal flat, and bivalves and mollusks within the sediment matrix. Anthropogenic debris from SAEP operations is unlikely to be encountered according to site personnel familiar with historic operations, but possible. One isolated pile of riprap was observed at roughly the - 3.5 ft. MSL contour in the east tide flat just off the Causeway that may require removal.

2.4 Bathymetry

The bathymetry of the tidal flats remediation area ranges from approximately 0.0 ft. MSL near the toe of the rock revetment, to -10 ft. MSL just channelward of the Causeway. The slope is gently sloping to flat across most of the tidal flats, with an average depth of roughly -2.0 ft. MSL on the west flat, and -3.0 ft. MSL on the east flat. Three primary rivulets (on the west flat) and many smaller rivulets drain the marshes and tidal flats.

2.5 Water Levels

Tides at the site are semi-diurnal, that is with two nearly equal high tides and low tides every lunar day (roughly 24 hours and 50 minutes). Tidal datums applicable to the project site were obtained from NOAA Tide Station 8467150, Bridgeport, the closest harmonic station to the project site. The tidal datums, with elevations converted from the station datum (NAVD88) to MLLW and MSL (project vertical datum), are provided in Table 3. Historic extreme water levels are also provided in Table 3.

Table 3
Water Level Data based on NOAA Tide Station 8467150

Water Level Data: NOAA Station 8467150 Bridgeport, CT	Elevation (ft., NAVD88)	Elevation (ft., MLLW)	Elevation (ft., MSL)
Mean Higher High Water (MHHW)	9.30	7.32	3.70
Mean High Water (MHW)	8.97	6.99	3.37
Mean Tide Level (MTL)	5.59	3.61	-0.01
Mean Sea Level (MSL)	5.6	3.62	0.00
Mean Low Water (MLW)	2.22	0.24	-3.38
Mean Lower-Low Water (MLLW)	1.98	0.00	-3.62
North American Vertical Datum of 1988 (NAVD88)	0.00	-1.98	-5.60
Highest Observed Water Level (Oct. 30, 2012)	15.02	13.04	9.42
Lowest Observed Water Level (Feb. 2, 1976)	-2.60	-4.58	-8.20

2.6 Wave Climate

The lower Housatonic River estuary near its confluence with Long Island Sound is generally protected from long period swell. The longest fetch distance over which wind-waves incident to the SAEP tide flats can form is slightly over a mile. Vessel wakes from heavy boat traffic in the adjacent navigation channel can generate wave energy across the tidal flats as well. In either case, it is unlikely that wave heights exceed 1.5 ft. and wavelengths exceed 10 ft.

3.0 Dredging Alternatives Evaluation

Informed by the site visit, preliminary geotechnical characterization, and initial physical processes evaluation, a shortlist of dredging technologies are proposed and evaluated in this section.

3.1 Key Considerations

3.1.1 Dredgeability

With regards to the dredgeability of the tidal flats surface sediments, the following observations are made based on the initial characterization information and prior experience;

- The material is diggable using hydraulic or mechanical dredging technology,
- The material is transportable by both hydraulic slurry pipeline or barge,
- The presence of clay provides for possible impacts to hydraulic slurry transport and mechanical dewatering processes,
- The potential for resuspension and residuals generation is considerable,
- The material does not have adequate bearing capacity to support terrestrial excavation/hauling equipment with or without matting, *in situ* conditions,
- The sediments do not appear suitable for in-place dewatering and excavation “in the dry”.

3.1.2 Production

The shallowness and expansiveness of the tidal flats site will limit access, and the size and production capacity of the dredging equipment to be employed. The site’s tidal regime will greatly influence remedial design decisions and the dredge production rates and cleanup efficiency to be achieved during construction implementation.

Based on the existing bathymetry, 0.0 ft. MSL provides an approximate elevation at which shallow draft dredging plant will be able to begin productively working the tidal flats. A tides analysis was developed to provide an idea of the time available above 0.0 ft MSL. The analysis was run for a typical construction window of 0600 hrs. - 1800 hrs. The percentage of time and average available hours per day above specific tide elevations is summarized in Table 4.

Table 4
Floating Plant Working Tides Analysis (based on NOAA Station Bridgeport, CT)

Tide Elevation (ft., MSL)	Average Hours above / Day	% Time above / Day
4.0	0.2	2%
3.0	1.7	15%
2.0	3.4	29%
1.0	4.3	36%
0.0	4.9	41%

Based on the analysis, for approximately 5 hours per day tide elevations will provide adequate flotation for dredging with shallow draft equipment (<3 ft.). While much of the time these working high tides would be continuous within a 12-hr work day, oftentimes they are split between early morning and late afternoon, which would further impact production efficiency. During lower tides the dredging equipment could be productive in deeper areas along the northern slopes of the tidal flats.

3.1.3 Accuracy

Measured at approximately 58 acres, the tidal flats site would significantly benefit from the application of precision dredging equipment, to minimize the unnecessary removal, transportation and processing of clean underlying sediments. To underscore the importance of dredging accuracy, Table 5 was developed to provide a simple estimate of realistic overdredge performance values for the SAEP tidal flats site, and associated volume and cost implications. The estimate assumes a total unit cost of \$400/CY for dredging, processing and T&D, based on recent experience at other remedial dredging sites.

Table 5
Implications of Dredging Accuracy on Volume and Cost

SAEP Tide Flats Dredge Area (Acres)	SAEP Tide Flats Dredge Area (ft ²)	Overdredge (ft)	Overdredge Volume (ft ³)	Overdredge Volume (CY)	\$/CY	Cost
58	2,526,000	0.1	252,600	9,000	\$400	\$3,600,000
		0.2	505,200	19,000		\$7,600,000
		0.5	1,263,000	47,000		\$18,800,000
		1.0	2,526,000	94,000		\$37,600,000

As can be seen from these order of magnitude examples, there are significant cost and schedule implications driven by dredging accuracy performance. Accordingly, precision variants of both hydraulic and mechanical dredges are proposed for this project, as discussed below.

3.1.4 Resuspension and Residuals

To achieve cleanup goals cost effectively, dredging plant, support equipment and approaches should be applied to the SAEP site that minimize the generation of residual contamination. Both generated residuals and undredged inventory can lead to excessive, and expensive, returns to areas not meeting cleanup criteria. There can be many causes of generated residuals, including loss at the cutterhead / clamshell bucket, propwash, and sloughing. Undredged inventory is often a function of how accurately the contaminated inventory was sampled and delineated in the horizontal and vertical extent, modeled, and how effectively the dredge prism was designed.

Similarly, to meet project water quality requirements, and possibly allow for expanded construction windows, dredging plant, support equipment and approaches should be applied to the SAEP site that create minimal resuspension.

Table 6 was developed to summarize the resuspension and residuals generation ‘footprint’ of the proposed dredging alternatives, by operation.

3.1.5 Engineering Controls

It is appropriate to consider the need for engineering controls at this stage as they relate to the evaluation of dredging alternatives and project planning.

3.1.5.1 Cofferdam

A steel sheet pile cellular cofferdam extending from the shore connection of the jetty to the eastern boundary of east tidal flat could effectively isolate the tidal flats dredging areas from the Housatonic River during construction. Isolation of the dredging area by cofferdam allows for consideration of;

- Performing sediment removal in-the-dry, or
- Performing dredging with constant flotation, and
- Preventing water quality impacts outside the project.

As reported in the *Geotechnical Investigation Summary* (Harding, 2000), the water contents in the sediments increase with depth, which makes the prospect of in-place dewatering and excavation in-the-dry difficult. Possibly more feasible through construction of the cofferdam would be maintaining a constant water surface elevation over the dredge areas to provide adequate flotation at all times. This would allow for optimal dredging production, accuracy and residuals management by the floating dredge operation. Lastly, a cofferdam would allow for the isolation of the dredging project, and consequential water quality impacts during construction, from the Housatonic River estuary. This could open the possibility of dredging year-round and not being subject to environmental windows.

The potential advantages of the cofferdam described above are worth considering during the feasibility and remedial design stages and will need to be balanced against the cost of the installation and any impacts during and following construction. One other consideration would be the increase in flooding potential along adjacent shoreline properties caused by an ongoing high water surface elevation and storm-induced wind-waves. Accordingly, and based on detailed analysis of tidal flats shoreline topography, the cofferdam engineering control should not create a pool elevation exceeding a typical high tide elevation (i.e. MHW, or MHHW).

3.1.5.2 Wave Attenuator

To reduce potential impacts incident wind-waves and vessel wakes may have on dredging operations while underway in the tidal flats, a floating wave attenuator could be installed at strategic segments of the opening between the jetty and Causeway, and Causeway and eastern project shoreline. Again, the potential benefits in terms of production gains would need to be compared to the costs of installation and maintenance. It would also be important to consider that the larger, heavier dredge platforms would be less impacted by waves than the smaller plant.

3.1.5.3 Turbidity Curtain

The use of silt curtains and turbidity curtains to manage water quality impacts from dredging and support operations is common at contaminated sediment sites. For the SAEP tidal flats site it is anticipated that a Type II or Type III full length curtain could be required to contain plumes and manage

water quality and release to adjacent waters. The alignment and depth of the curtain will need to be determined to meet agency requirements and accommodate dredging operations. It's possible the curtain would need to enclose a large area, i.e. between the jetty and eastern project shoreline, and accommodate a large tidal flux. A solid understanding of the tidal regime, including velocities, is suggested.

3.2 Alternative Dredging Technologies

Informed by an initial understanding of site conditions, likely processing and disposal scenarios, and experience, a shortlist of five (5) dredging technologies are proposed as likely suitable alternatives to complete the SAEP dredging work;

- Hydraulic Swinging Ladder Cutterhead Dredge
- Precision (Mechanical) Excavator Dredge - Hydraulic Transport
- Precision (Mechanical) Excavator Dredge - Shallow Draft Barge Transport
- Amphibious Dredge (Mechanical / Hydraulic)
- Long Reach (Terrestrial) Excavator

Most of these dredging technologies have been demonstrated to be effective on other contaminated sediment sites and show potential for successful application on the conditions the SAEP tide flats site presents, to a degree they are evaluated here. Photos of each technology are provided in Appendix B.

3.2.1 Alternative 1 - Hydraulic Swinging Ladder Cutterhead Dredge

A hydraulic swinging ladder cutter suction dredge in the 8-in class is proposed as an appropriately sized and functioning shallow draft hydraulic pipeline dredge for the SAEP tidal flats.

The Dredge Supply Company (DSC) Moray SL and Ellicott 360 SL are versions of swinging ladder dredge, both 8-in discharge, with similar pumping characteristics, that are suitable for a shallow dredge cuts, pipeline conveyance over long distances, and feeding mechanical dewatering systems. The Moray has been used on more sediment remediation projects than the 360SL, in part likely due to customizations to their base model dredges for specific applications (i.e. shallow draft, precision cutting, and higher % solids). That said, the Ellicott 360 swinging ladder dredge has also been adapting to the needs of environmental dredging projects.

The swinging ladder dredge spuds down to stabilize the dredge platform while dredging, for improved accuracy, steadier state cutting and slurry concentrations, and consistent lane advance. Horizontal positioning is good, better than +/- 2 ft. typically, in using the walking spud system to advance in small increments (generally about one cutterhead width), before lowering the spuds again, to create a stable platform from which to swing the ladder and cutterhead. Both the Moray and 360SL can be operated in either swinging ladder mode, which swings that ladder and cutterhead into the bank whilst the barge is held stationary; or in conventional mode, where the entire dredge platform pivots off its stern spud. Conventional mode allows for wider swing widths, to about 40 ft., while swinging ladder provides closer to a 20 ft. swing width depending on pontoon configuration and ladder length and depth.

The dredges' cutterheads are designed to agitate and draw the targeted bank material closer to the influence of the suction intake immediately behind the cutter on the ladder. Options in cutterhead design, for improved accuracy, higher % solids, and reduced residuals, have been developed for the Moray dredge. Also, to orient the cutterhead and suction level with the cut bank to promote improved accuracy and higher solids, articulated ladders are available for both the Moray SL and 360 SL.

On a recent visit to the Lower Fox River project in Green Bay, Wisconsin the performance of swinging ladder dredge operations was observed. Three hydraulic dredges, including one (1) 12-in and two (2) 8-in swinging ladder dredges were being employed on the project to remove and transport PCB-contaminated sediment up to 10 miles to the project's sediment processing facility. System capacity is 6,500 GPM, with typical operating discharge of 5,000-6,000 GPM combined from the three dredges. The 8-in DSC Moray dredges, was producing on the order 25-30 cy/hr in high bank material, and as low as 5 cy/hr or less in thin face - cleanup pass mode. Corresponding slurry concentrations are reported to range from 8%-12% solids by weight for thick faces down to 2%-4% solids by weight for thin faces – cleanup passes. Dredging efficiencies (effective time) was reportedly maintained at 80% - 90%.

The Moray dredges can draw as little 1.5-2.0 ft and use both conventional and modified pontoons for shallow water operations. The contractor on the Fox River employs, and in some cases developed, several different cutter attachments, including the conventional rotating basket cutter for denser and thicker material, an environmental disk cutter, as well as a specialized straight vacuum for unconsolidated, high water content material removal overlying stiffer substrates. The Moray dredge is essentially self-propelled in lane advances through use of the kicker (traveling) spud. Project-averaged vertical dredging accuracies are reported to be 0.4-0.5 ft. using installed RTK-GPS and electronic dredge positioning system.

Conceptually, for the SAEP tidal flat project, one (1) or two (2) 8-in swinging ladder dredge systems, which are truckable, could be transported to the project site, and lifted or floated into the Housatonic or possibly mobilized off the Causeway. Depending on the required feed characteristics of the project dewatering system, and to optimize production, accuracy, and residuals management performance, it may be advisable to include automation controls (i.e. swing speed, cutter speed, flow rate) and a site-specific cutterhead design to minimize spillage and resuspension. The dredge would also be instrumented with RTK-GPS and dredge positioning and guidance system to implement a final, potentially tighter tolerance dredging plan. Shallower draft pontoons, articulated ladders, and advanced spud systems would also be considered as potential cost savings measures on a swinging ladder dredging alternative. Developing an operations plan that would leverage the swinging ladder's dredge pattern, to achieve cleanup with the greatest efficiency, would be done at the design phase.

3.2.2 Alternative 2 - Precision (Mechanical) Excavator Dredge - Shallow Draft Barge Transport

Based on prior experience with both hydraulic and mechanical dredge types, precision excavator dredges coupled with a latest generation level-cut sealed environmental clamshell bucket can offer the best available performance on contaminated sediment remediation sites in most key categories, including dredging accuracy, production, solids concentrations, and residuals management. These platforms are also versatile in their ability to easily convert to capping operations.

For shallower sites like the SAEP tide flats, the precision excavator dredges can be constructed on site by fabricating a barge platform, typically of modular barges (i.e. Flexifloat), lifting on deck plant (spud and winches/drums, genset, control rooms, etc.) with a shore-based crane, then rolling on the excavator.

The excavator is instrumented with RTK-DGPS and a dredge and bucket positioning system (DBPS), using a series of angle sensors (inclinometers) and rotation sensors mounted on the machine, boom, stick, and bucket for precise location and monitoring of the dredge and bucket. Operating from a relatively stable platform with 2-4 spuds, precision dredging, to better than 2-in. vertically, is achieved by placing the cutting edge of the bucket to target elevations monitored via a real-time heads-up display. For sites with high cost for T&D, use of the +/- 1-in. variance or better level-cut clamshell buckets is warranted to minimize further 'scallop' cuts into non-target sediments. Dredging progresses in defined set patterns, with consistent grab thicknesses and overlap to manage residuals and maintain planned production rates. For optimal solids concentrations and production rates, bucket grabs with consistently high fill efficiency are made. Barges provide the ability to transport dredge materials at highest possible solids concentrations, with the only water added that which is entrained in the bucket. To a large degree, clamshell buckets can also contend with debris better than hydraulic dredging systems.

Another potential advantage of mechanical dredging is the ability to leverage a 'visual' dredging approach. Developed on New Bedford Harbor during the Pre-Design Field Test in 2000, with the first excavator-mounted level-cut clamshell bucket used in the United States, this is the ability to make real time visual assessments of the material being dredged, to inform and tune core-based dredge target elevations. This approach is feasible where the contact between the contaminated inventory and 'clean' native material can be distinguished, either by color or consistency. Based on review of initial core logs from the east and west flat, the surface layers are predominantly homogenous black to dark gray organic silt (muck), very soft, with no distinguishing contact with native. The ability to apply the aforementioned approach in this case thus far appears limited.

For either the mechanical excavator with barge transport approach, or hybrid mechanical excavator – hydraulic transport approach, described in the next section, it is conceptualized that one (1) or two (2) shallow draft precision excavator dredges, would be employed to be able to work the tides efficiently, i.e. one working the east flat and one the west flat, or two working the west flat. These would use something like a CAT 3049MH long reach material handler or similar class excavator to operate an approximate 3.0 cy sealed level-cut environmental clamshell bucket. Deck barge platforms would be configured to provide greater flotation for optimal dredging production in the shallow conditions the tidal flats present. It is envisioned Flexifloat S-50 modular barges, which are 5 ft. high, would be used in the deck barge fabrication. Lane advances (stepping) and moves between areas would be accomplished using either an anchor and wire system or shallow draft push boat. These determinations would be based on balancing access, production, and residuals management on the tidal flats, while not sacrificing realized dredging accuracy.

To accommodate anticipated dredge production rates, depth limitations, and transport the mechanically dredge sediments from the point of dredging to shore, shallow draft barges would be needed for the mechanical dredging operations. Conceptually the barges would have capacities of roughly 60 cy, and not draw more than about 3 ft. To move the barges, shallow draft, truckable push boats would be employed. It is recognized that the push boats would be sources of resuspension, and their design and operations will need to be planned and managed carefully to keep water quality and residuals generation within acceptable ranges.

Another component that would need to be addressed with a mechanical dredging alternative (no hydraulic pipeline) at the SAEP, is transloading of dredged sediments to the presumed mechanical dewatering facility (i.e. east parking lot.). A likely scenario to transload dredged sediments under precision excavator and barge alternative would be to build a barge offloading area (BOA) on either the

northwest or northeast corner of the Causeway, or, near the channelside shore connection of the jetty. This would require construction of a pier-trestle capable of supporting a hydraulic offloader system and/or material offloading crane. Once installed, the BOA could be used for other site activities, including potentially residual cover and capping material conveyance to capping barges.

3.2.3 Alternative 3 - Precision (Mechanical) Excavator Dredge - Hydraulic Transport

This alternative combines the benefits of precision excavator dredging and hydraulic pipeline transport. Advantages and limitations are essentially the same as described for the precision excavator in the prior section. By the hybrid dredging approach, mechanical excavation removes material with a high degree of accuracy, typically better than 2-in below target elevation on average, at close to *in situ* concentrations, and places it in a hopper on board the dredge for initial screening of larger debris. Material that passes the debris screen, or grizzly, is slurried via a high efficiency, automated pump, with just enough makeup water to transport the material at maximum practical and steady-state concentrations. The makeup water can be sourced from a seachest along the dredge rail, or recirculated. The dredge material slurry would be received and processed in the same manner as hydraulically dredged sediment, at a presumed mechanical dewatering facility at the SAEP east parking lot.

During a pilot study in New Bedford Harbor in 2000, production averaged approximately 80 cy/hr, in deeper water, vertical dredging accuracy exceeded +/- 0.4 ft. with an average overdredge of -0.1 to -0.2 ft. below target elevation for the test area, and the visual dredging method was developed and applied to make real-time adjustments to the dredge plan. A similar system and approach has recently been setup at New Bedford and starting to achieve similar results, with improved accuracies. Additional details on the hybrid dredge system, can be reviewed in the Pre-Design Field Test study report, <https://www3.epa.gov/region1/superfund/sites/newbedford/23751.pdf>.

3.2.4 Alternative 4 - Amphibious Excavator

There are many variants of amphibious dredges, both mechanical and hydraulic. Mechanical models such as the Wilco marsh buggy are conventional excavator machines mounted on custom floating or low ground pressure (LGP) tracked pontoons. Hydraulic amphibious dredges such as the Amphibex or Waterking, use large sponsons and kicking spuds to traverse over ground. These platforms are also convertible to mechanical dredging mode.

While the production rates and accuracy of these dredges are not as high as Alternatives 1-3, the concept of employing amphibious dredges from floating to emergent conditions, to remain productive in the intertidal areas over the full tidal cycle, is attractive for this site. What would present a distinct disadvantage for these dredge types, however, is the problem of residuals generation and recontamination. Interaction of the tracks in the case of the marsh buggy and its support equipment (i.e. LGP trucks), or of the barge and sponsons in the case of the Amphibex type, would significantly disturb the bed surface, and cause mixing such that a 'clean' and organized removal sequencing would be difficult to achieve.

Examples of amphibious dredge types are provided in Figures 7 and 8 of Appendix B.

3.2.5 Alternative 5 - Long Reach (Terrestrial) Excavator

A long-reach excavator operated from stable ground close to the water's edge for the mechanical removal of near shore sediments is likely a suitable approach and cost effective for much of SAEP sediment site. Mechanically dredged material removed at close to *in situ* concentrations can provide savings in processing and disposal costs. Elimination of some of the shallowest areas, or areas where shoreline debris content may be high would also yield savings versus applying floating plant. Given the preliminary design slopes, a long reach excavator would also be a preferred technology for sediment removal and basin contouring in the Outfall 008 Drainage Ditch.

Long reach excavators are available from several manufacturers with various boom and stick configurations and aftermarket attachments. Reaches can extent to about 70 ft. from kingpin along the digging envelope. Smooth lipped, open faced buckets are typically used, however, with proper lifting capacity calculations, a sealed, level-cut clamshell bucket may be better applied, particularly if removing soft, high water content sediments, and on the tidal flats. An open bucket may be required in the Outfall 008 Drainage Ditch to accomplish slope sculpting. In either case, the dredged materials could be placed in dump trucks and presumably hauled to an onsite stabilization or processing facility.

Examples of long reach excavators working on shoreline and canal projects are provided in Figures 9 and 10 of Appendix B.

3.3 Summary

Specifications and estimated performance characteristics for the five alternative dredging technologies evaluated for this site are summarized in Table 6. Table 7 has been developed to provide the resuspension and residuals generation 'footprint' of each alternative, by operation. Table 7 does not yet attempt to quantify the various source mechanisms, nor propose mitigation measures or best management practices, of which there are many.

Based on the evaluations conducted, recommendation is made to retain Alternatives 1, 2, 3 and 5 for possible application on the SAEP project. To make a final determination on which technology or combination of technologies would be most effective in achieving project goals, detailed production and cost estimates for each system should be developed, cleanup goals better understood (i.e. backfilling to be carried out or not), and the site's dredged material disposal / beneficial use alternatives assessed further.

The estimates should incorporate reasonable performance value assumptions for production rates, dredging accuracy, equipment costs, added water, as well as construction schedules to assess the overall project cost for each dredging alternative. With this knowledge, determination of the most cost-effective dredging approach can be made, and developed during the remedial design phase.

TABLE 6
ALTERNATIVE DREDGING TECHNOLOGIES



Dredge Performance Parameter	Alternative 1 8-in. CUTTER SUCTION DREDGE , SWINGING LADDER, HYDRAULIC TRANSPORT	Alternative 2 PRECISION MECHANICAL DREDGE - SHALLOW DRAFT BARGE TRANSPORT	Alternative 3 HYBRID - PRECISION MECHANICAL DREDGE / HYDRAULIC TRANSPORT	Alternative 4 AMPHIBIOUS DREDGE (MECHANICAL / HYDRAULIC)	Alternative 5 LONG REACH TERRESTRIAL EXCAVATOR
Examples	DSC 8-In Moray	Hudson River Precision Excavator	New Bedford Harbor Hybrid Dredge	Wilco Marsh Buggy / Amphibex, Waterking	CAT 345D, CAT 352F, Komatsu PC200
Removal Method	Basket, Horizontal Disk or Viscous Cutterhead	Sealed, Level Cut Clamshell bucket, w/ Rotator	Sealed, Level Cut Clamshell bucket, w/ Rotator	Sealed Clamshell bucket, Open smooth bucket, or cutterhead	Sealed, Level Cut Clamshell bucket, w/ Rotator, or Open smooth edge bucket
Propulsion, lane advance	Traveling (Kicker) Spud	Winch & Wire Rope - Anchor, Skiff/Tug Assist	Winch & Wire Rope - Anchor, Skiff/Tug Assist	Tracks on ground, Sponson/kicking spud, Z- drive propeller	N/A
Propulsion, between areas	Skiff / Tug assist	Skiff / Tug assist	Skiff / Tug assist	Self Propelled	Self Propelled
Draft (ft.)	~2.5	~3.0	~3.0	~2.5	N/A
Weight (lbs.)	42,000 lbs	+ 200,000 lbs	+ 200,000 lbs	100,000 - 200,000 lbs	100,000 - 150,000 lbs
Positioning Method	Three-Four (3-4) 8-in Spuds	Two-Three (2-3) 20-in Spuds	Two-Three (2-3) 20-in Spuds	Two-Four Spuds, Sponson	N/A
Accuracy - Horizontal (ft.)	1.0 - 2.0	0.3 - 1.0	0.3 - 1.0	1.0 - 3.0	0.2 - 0.5
Accuracy - Vertical (ft.)	0.4 - 0.7	0.2 - 0.5	0.2 - 0.5	0.5 - 1.0	0.1 - 0.5
Visual Dredging Approach	No	Yes	Yes	Yes / No	Yes
Lane Width (ft.)	17 - 40	30 - 50	30 - 50	20 - 40	N/A
% Solids by Weight (Dry Solids)	2% - 12%	30% - 70%	10% - 20%	2% - 70%	30% - 70%
Production Rate (per dredge)	15 - 50 cy/hr	20 - 80 cy/hr	20 - 80 cy/hr	20 - 40 cy/hr	30 - 60 cy/hr
Operating Depth Range (ft.)	0 ft - 18 ft.	0 ft. - 25 ft.	0 ft. - 25 ft.	0 ft. - 15 ft.	0 ft. - 25 ft.
Convertible to Debris Removal Operations	No	Yes	Yes	Yes	Yes
Convertible to Capping Operations	No	Yes	Yes	Yes	Yes
Impact of Debris on Production	High	Low	Medium	High	Low
Residuals Footprint (See Table 7)	Medium	Medium	Medium	High	Low
Material Transport	HDPE Pipeline	Shallow Draft Hopper Barge	HDPE Pipeline	Shallow Draft Hopper Barge, LGP Truck, HDPE Pipeline	Dump Truck, LGP Truck
Barge Offloading Area Required	No	Yes	No	Yes / No	No
Adaptable to Mechanical Dewatering	Yes	No	Yes	Yes / No	No
Adaptable to Geotube Dewatering	Yes	No	Yes	Yes / No	No
Adaptable to Stabilization	No	Yes	No	Yes / No	Yes
Adaptable to Pneumatic Flow Tube Mixing	No	Yes	No	Yes / No	Yes

TABLE 7
RESUSPENSION AND RESIDUALS GENERATION PROCESSES



Potential Sources of Residuals and/or Resuspension	Alternative 1 8-in. CUTTER SUCTION DREDGE , SWINGING LADDER, HYDRAULIC TRANSPORT	Alternative 2 PRECISION MECHANICAL DREDGE - SHALLOW DRAFT BARGE TRANSPORT	Alternative 3 HYBRID - PRECISION MECHANICAL DREDGE / HYDRAULIC TRANSPORT	Alternative 4 AMPHIBIOUS DREDGE (MECHANICAL / HYDRAULIC)	Alternative 5 LONG REACH TERRESTRIAL EXCAVATOR
Anchor System	No anchor system required in swinging ladder mode. When dredging in conventional mode, to achieve wider cuts, an anchor and wire system is used to swing entire dredge. On SAEP a 3- or 4- wire system deployed up to 500 ft fore-aft and side-side of dredge, using shore connections when possible. Anchor setting and removal, with propwash and potential groundings of work boat and A-frame, and interaction of wires with bed, can cause resuspension and residuals.	No anchor system required for mechanical dredging operations, however may be used to optimize access and production in shallow tide dependent areas of the SAEP. Likely a 3- or 4-point wire system could make use of shore anchors when possible. Anchor setting and removal, with propwash and potential groundings of work boat and A-frame, and interaction of wires with bed, can cause resuspension and residuals.	Anchor and wire system may be advisable for hybrid dredge to optimize access and production in shallows tidal dependent areas of the SAEP, likely a 4- or 5-point wire system could make use of shore anchors when possible. Anchor setting and removal, with propwash and potential groundings of work boat and A-frame, and interaction of wires with bed, can cause resuspension and residuals.	Anchor and wire system not suitable for amphibious dredge types.	N/A, land-based
Point of Dredging	Overloading of pump suction results in plowing, loss, and generated residuals. Overpenetration and mixing generates residuals and disturbed inventory. Evacuation of sediment slurry in discharge pipeline back to harbor to clear pump of debris, backflushing, and clearing plugged pipelines generates resuspension and residual contamination. Potential for grounding.	Resuspension with pressure wave as bucket approaches bed. Resuspension and residuals due to loss from grab closure through cycle to barge placement when bucket not sealed completely, or overfilled. Potential to cause generated residuals and undredged inventory if proper bucket overlap not achieved. Potential for grounding.	Resuspension with pressure wave as bucket approaches bed. Resuspension and residuals due to loss from grab closure through cycle to barge placement when bucket not sealed completely, or overfilled. Potential to cause generated residuals and undredged inventory if proper bucket overlap not achieved. Potential for grounding.	Grounding and traversing over bed surface is inherent in these dredge types. Significant residuals and resuspension likely. In addition, overloading of pump suction results in plowing, loss, and generated residuals. Overpenetration and mixing generates residuals and disturbed inventory. Evacuation of sediment slurry in discharge pipeline back to harbor to clear pump of debris, backflushing, and clearing plugged pipelines generates resuspension and residual contamination. In mechanical mode resuspension with pressure wave as bucket approaches bed. Resuspension and residuals due to loss from grab closure or open face bucket.	Resuspension with pressure wave as bucket approaches bed. Resuspension and residuals due to loss from grab closure or open face bucket.
Material Transport	Submerged and floating discharge pipeline interaction with bed surface. Periodic barge transits needed to transfer debris to shore.	Propwash and potential groundings from shallow draft barge operations. Barge transits from the dredges to the barge offloading area (BOA), oftentimes working the tides and with possibly less than 1 ft unkeel clearance.	Submerged and floating discharge pipeline interaction with bed surface. Periodic barge transits needed to transfer debris to shore.	By hydraulic method, submerged and floating discharge pipeline interaction with bed surface. Periodic barge transits needed to transfer debris to shore. By mechanical method LGP truck may be required, which would cause significant residuals. Propwash and potential groundings from shallow draft barge operations. Barge transits from the dredges to the barge offloading area (BOA).	N/A, land-based
Positioning and Lane Advance	Typically 1-2 passes required per 1 ft bank of material to remove. Uses traveling (kicker) spud to step forward in uniform increments, typically one cutterhead width. Each step requires resetting of the three (3) 8-in square spuds.	Typically 1 pass required per 1-2 ft bank of material to remove. Uses two (2) 20-in spuds to position dredge. Lane advance can be achieved by traveling spud, push boat assist, or anchor/wire, each with potential to generate resuspension and residual generation potential.	Typically 1 pass required per 1-2 ft bank of material to remove. Uses two (2) 20-in spuds to position dredge. Lane advance can be achieved by traveling spud, push boat assist, or anchor/wire, each with potential to generate resuspension and residual generation potential.	Typically 1 pass required per 1-2 ft bank of material to remove. Uses two (2) 8-10 in. spuds to position. Lane advance can be achieved by traveling spud, outboards, push boat assist, or tracking over bed surface, each generate resuspension and residuals.	N/A, land-based
Move between Areas	Moving dredges between areas upon completing an area, to accommodate bathy surveys and verification sampling, or working the tides. Propeller wash from work boats and pipeline moves creates resuspension and potentially residuals.	Moving dredges between areas upon completing an area, to accommodate bathy surveys and verification sampling, or working the tides. Propeller wash from work boats create resuspension and potentially residuals.	Moving dredges between areas upon completing an area, to accommodate bathy surveys and verification sampling, or working the tides. Propeller wash from work boats and pipeline moves creates resuspension and potentially residuals.	Movements achieved by traveling spud, outboards, push boat assist, or tracking over bed surface, each generate resuspension and residuals.	N/A, land-based
Debris Management	Separate debris removal operation may be required, but not foreseen on SAEP.	Separate debris removal step not anticipated.	Separate debris removal step not anticipated.	Separate debris removal step not anticipated.	Separate debris removal step not anticipated.

4.0 References

AMEC FW, 2017. Stratford Army Engine Plant Stakeholder Meeting Presentation, August 22, 2017.

Harding, 2000, *Geotechnical Investigation Summary Causeway Non-time Critical Removal Action Design Stratford Army Engine Plant, Stratford, Connecticut*. Contract DAAAM-02-97-D-0005. Harding ESE, 2000.

Shiman, P. 1997. *Forging the Sword; Defense Production During the Cold War*. USACERL, Special Report 97/77, July 1997 A Study Jointly Sponsored by: United States Air Force Air Combat Command and Department of Defense Legacy Program, Cold War Project

USEPA, 2017. Waste Site Cleanup & Reuse in New England website. RCRA Corrective Action. Stratford Army Engine Plant, EPA ID # CTD001181502, Site ID # 0101823. U.S. Environmental Protection Agency.

AMEC FW, 2018. Draft Focused Feasibility Study for Stratford Army Engine Plant, Contract No.: W912WJ-15-D-003 Task Order No.: 002. February, 2018

APPENDIX A
October 6, 2017 Site Visit Photographs



Photo 1. West end of Outfall 008 Drainage Ditch looking east from east parking lot. October 6, 2017.



Photo 2. East of Outfall 008 Drainage Ditch confluence with tidal lagoon, looking northwest. October 6, 2017.



Photo 3. South Causeway, looking north, mid-tide. October 6, 2017.



Photo 4. Head of Causeway looking east across east tide flat, dike and revetment, mid-tide. October 6, 2017.



Photo 5. Head of Causeway looking west across west tide flat, dike and revetment, mid-tide. October 6, 2017.



Photo 6. North Causeway looking east at Housatonic River confluence with Long Island Sound, mid-tide. October 6, 2017.



Photo 7. North Causeway looking north across Housatonic River at Nells Island, mid-tide. October 6, 2017.



Photo 8. North Causeway looking northwest across west tide flat boundary with Housatonic River and jetty light. Note jetty is submerged at mid-tide. Note USCG buoy tender managing vessel traffic. October 6, 2017.



Photo 9. Mid - Causeway looking northwest. Note vessel wake propagating into western tide flat, mid-tide. October 6, 2017.



Photo 10. Mid - Causeway on marine mattress erosion control cover system looking west across west tide flat, mid-tide. Note vessel wake has approximate 6 ft. wavelength, 0.5 ft. amplitude. October 6, 2017.



Photo 11. Mid - Causeway looking southeast across east tide flat to eastern end of dike and revetment, mid-tide. October 6, 2017.



Photo 12. South Causeway on rock revetment looking west across west tide flat, near low-tide. October 6, 2017.



Photo 13. Mid - Causeway looking east across east tide flat, near low-tide. Note isolated debris pile (riprap). October 6, 2017.



Photo 14. Mid - Causeway looking southeast across east tide flat, near low-tide. October 6, 2017.



Photo 15. Mid - Causeway on marine mattress erosion control cover system looking west across west tide flat, near low-tide. Note subtidal zone. Note emergent jetty. October 6, 2017.

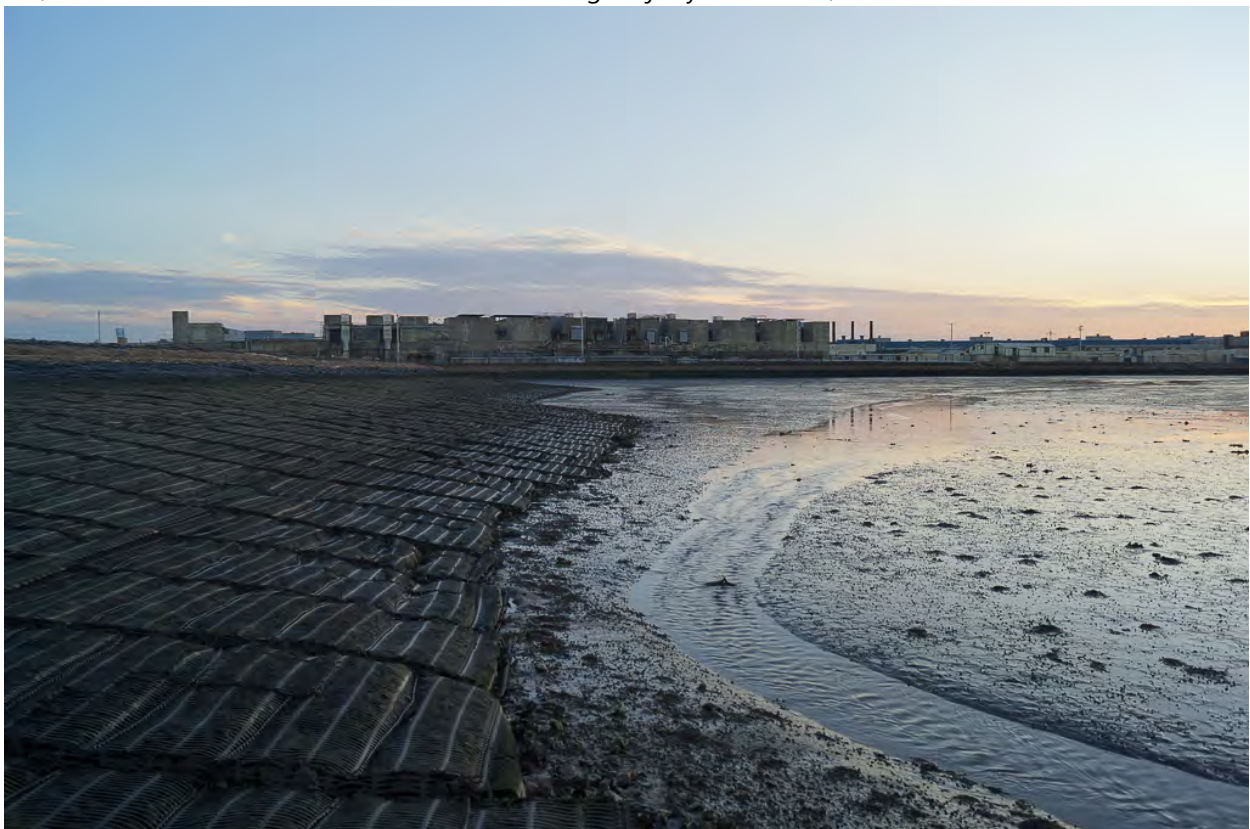


Photo 16. North Causeway on marine mattress erosion control cover system looking south with Building 19 in background, near low-tide. Note toe of marine mattress erosion control cover system. Note tidal rivulet running through surface sediment. October 6, 2017.



Photo 17. North Causeway looking north across Housatonic River towards Nells Island, near low-tide. Note shallow slope of marine mattress erosion control cover system extending to subtidal. October 6, 2017.



Photo 18. North Causeway looking south along east tide flat, near low-tide. October 6, 2017.



Photo 19. North Causeway looking west across entrance to west tide flat, near low-tide. Note subtidal area. Note fishermen practicing riparian rights. October 6, 2017.



Photo 20. South Causeway looking north. October 6, 2017.

APPENDIX B
Alternative Dredging Approaches



Figure 1. Alternative 1 - Swinging Ladder Dredge. Source: Dredge Supply Company



Figure 2. Alternative 1 - Swinging Ladder Dredge with Articulated Ladder. Source: Dredge Supply Co.



Figure 3. Alternative 2 - Precision Excavator Dredge, Shallow Draft Barge, Hudson River, NY, 2009.



Figure 4. Alternative 2 - Precision Excavator Dredge, Shallow Draft Barge, Push Boat, Hudson River, 2013



Figure 5. Alternative 3 - Hybrid Precision Excavator Hydraulic Transport Dredge, New Bedford, MA, 2000



Figure 6. Alternative 3 - Precision Excavator - Hydraulic Transport Dredge with 4.6 cy (3.5 m³) Horizontal Profile Grab Level-Cut Environmental Clamshell Bucket, New Bedford, MA, 2000.



Figure 7. Alternative 4 – Amphibious Dredge - Mechanical. Source: BIG Dredging



Figure 8. Alternative 4 – Amphibious Dredge - Mechanical. Source: Amphibex



Figure 9. Alternative 5 – Long Reach Excavator. CAT 345B. Source: Pierce Pacific



Figure 10. Alternative 5 – Long Reach Excavator. CAT 352F. Source: CAT



Figure 11. Engineering Control - Cofferdam. Source: Pilebuck



Figure 12. Engineering Control – Wave Attenuator. Source: Kropf



Figure 13. Engineering Control – Silt Curtain, Type III. Source: Elastec



Figure 14. Engineering Control – Turbidity Barrier. Source: Layfield



United States Army Corps of Engineers, New England District
Stratford Army Engine Plant, Stratford, CT
DRAFT FINAL Focused Feasibility Study

APPENDIX H

Alternative Cost Estimate Summary


Amec Foster Wheeler, Inc.
271 Mill Road
Chelmsford, MA 01824

Project: Stratford Army Engine Plant
Project No: Focused Feasibility Study Cost Estimate
Date: 10/26/2018
Calc. By: JR
Checked By: TD




DESCRIPTION	Alternative 2				Alternative 3		Alternative 4				Alternative 5	Alternative 6
	Hydraulic Belt Off-Site	Hydraulic Belt On-Site	Hydraulic Geotube Off-Site	Hydraulic Geotube On-Site	Mechanical Stabilization Off-Site	Mechanical Stabilization On-Site	Mechanical Hydraulic/Belt Off-Site	Mechanical Hydraulic/Belt On-Site	Mechanical Hydraulic/Geotube Off-Site	Mechanical Hydraulic/Geotube On-Site	Mechanical PFTM On-Site	Mechanical Barge Off-Site
Work Plans and Submittals	\$ 130,429	\$ 130,429	\$ 112,914	\$ 112,914	\$ 108,508	\$ 108,508	\$ 120,621	\$ 120,621	\$ 108,257	\$ 108,257	\$ 75,638	\$ 75,288
Mobilization	\$ 7,064,300	\$ 7,064,300	\$ 4,975,753	\$ 4,975,753	\$ 3,502,081	\$ 3,502,081	\$ 3,743,658	\$ 3,743,658	\$ 2,564,219	\$ 2,564,219	\$ 2,527,270	\$ 2,520,456
North Processing Area	\$ 1,431,632	\$ 1,431,632	\$ 1,431,632	\$ 1,431,632	\$ -	\$ -	\$ 1,431,632	\$ 1,431,632	\$ 1,431,632	\$ 1,431,632	\$ -	\$ 1,431,632
South Processing Area	\$ 2,400,704	\$ 2,400,704	\$ 2,400,704	\$ 2,400,704	\$ 2,400,704	\$ 2,400,704	\$ 2,400,704	\$ 2,400,704	\$ 2,400,704	\$ 2,400,704	\$ 2,400,704	\$ -
Temporary Access Road on Causeway	\$ -	\$ -	\$ -	\$ -	\$ 129,807	\$ 129,807	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Surveys	\$ 356,819	\$ 356,819	\$ 356,819	\$ 356,819	\$ 356,819	\$ 356,819	\$ 356,819	\$ 356,819	\$ 356,819	\$ 356,819	\$ 356,819	\$ 356,819
Environmental Protection and Monitoring	\$ 847,626	\$ 847,626	\$ 847,626	\$ 847,626	\$ 847,626	\$ 847,626	\$ 847,626	\$ 847,626	\$ 847,626	\$ 847,626	\$ 847,626	\$ 847,626
Debris Removal	\$ 212,237	\$ 212,237	\$ 212,237	\$ 212,237	\$ 212,237	\$ 212,237	\$ 212,237	\$ 212,237	\$ 212,237	\$ 212,237	\$ 212,237	\$ 212,237
Dredging - Mechanical	\$ -	\$ -	\$ -	\$ -	\$ 9,297,799	\$ 9,297,799	\$ -	\$ -	\$ -	\$ -	\$ 9,297,799	\$ 9,297,799
Dredging - Mechanical - Hybrid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,841,713	\$ 8,841,713	\$ 8,841,713	\$ 8,841,713	\$ -	\$ -
Dredging and Offloading - Hydraulic	\$ 14,840,290	\$ 14,840,290	\$ 14,840,290	\$ 14,840,290	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Offloading - Mechanical	\$ -	\$ -	\$ -	\$ -	\$ 4,337,471	\$ 4,337,471	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Offloading - Hydraulic - Hybrid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,623,085	\$ 2,623,085	\$ 2,623,085	\$ 2,623,085	\$ -	\$ -
Offloading and Processing - Mechanical/PFTM	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,027,314	\$ -
Processing	\$ 10,034,681	\$ 10,034,681	\$ 5,668,433	\$ 5,668,433	\$ 4,152,228	\$ 4,152,228	\$ 7,083,447	\$ 7,083,447	\$ 4,889,062	\$ 4,889,062	\$ -	\$ -
Backfill Material Procurement and Delivery	\$ 5,145,149	\$ 5,145,149	\$ 5,145,149	\$ 5,145,149	\$ 4,490,955	\$ 4,490,955	\$ 4,490,955	\$ 4,490,955	\$ 4,490,955	\$ 4,490,955	\$ 4,490,955	\$ 4,490,955
Backfill Material Loading - Mechanical - Crane	\$ -	\$ -	\$ -	\$ -	\$ 2,472,749	\$ 2,472,749	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Backfill Material Loading - Mechanical - Telebelt	\$ 1,724,439	\$ 1,724,439	\$ 1,724,439	\$ 1,724,439	\$ -	\$ -	\$ 1,724,439	\$ 1,724,439	\$ 1,724,439	\$ 1,724,439	\$ 1,724,439	\$ 1,724,439
Backfill Material Placement - Mechanical	\$ -	\$ -	\$ -	\$ -	\$ 5,300,582	\$ 5,300,582	\$ -	\$ -	\$ -	\$ -	\$ 5,300,582	\$ 5,300,582
Backfill Material Placement - Mechanical - Hybrid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,300,582	\$ 5,300,582	\$ 5,300,582	\$ 5,300,582	\$ -	\$ -
Backfill Material Placement - Mechanical - Hydraulic	\$ 6,072,713	\$ 6,072,713	\$ 6,072,713	\$ 6,072,713	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Onsite Non-TSCA Disposal	\$ -	\$ 691,544	\$ -	\$ 691,544	\$ -	\$ 671,779	\$ -	\$ 633,754	\$ -	\$ 633,754	\$ 671,779	\$ -
Offsite TSCA Disposal - Truck	\$ 468,489	\$ 468,489	\$ 468,489	\$ 468,489	\$ 306,792	\$ 306,792	\$ 289,426	\$ 289,426	\$ 289,426	\$ 289,426	\$ -	\$ -
Offsite RCRA Disposal - Truck	\$ 1,980,790	\$ 1,980,790	\$ 1,980,790	\$ 1,980,790	\$ 1,920,531	\$ 1,920,531	\$ 1,811,822	\$ 1,811,822	\$ 1,811,822	\$ 1,811,822	\$ -	\$ -
Offsite Non-TSCA Disposal - Barge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,477,187
Offsite TSCA Disposal - Barge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 366,306	\$ 366,306
Offsite RCRA Disposal - Barge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,888,701	\$ 1,888,701
Offsite Non-TSCA Disposal - Truck	\$ 30,329,155	\$ -	\$ 30,329,155	\$ -	\$ 29,462,309	\$ -	\$ 27,794,632	\$ -	\$ 27,794,632	\$ -	\$ -	\$ -
Water Treatment	\$ 2,697,116	\$ 2,697,116	\$ 2,697,116	\$ 2,697,116	\$ 428,408	\$ 428,408	\$ 2,697,116	\$ 2,697,116	\$ 2,697,116	\$ 2,697,116	\$ 428,408	\$ 428,408
Site Restoration	\$ 1,078,452	\$ 1,078,452	\$ 1,078,452	\$ 1,078,452	\$ 1,078,452	\$ 1,078,452	\$ 1,078,452	\$ 1,078,452	\$ 1,078,452	\$ 1,078,452	\$ 1,078,452	\$ 1,078,452
Demobilization	\$ 7,064,300	\$ 7,064,300	\$ 4,975,753	\$ 4,975,753	\$ 3,502,081	\$ 3,502,081	\$ 3,743,658	\$ 3,743,658	\$ 2,564,219	\$ 2,564,219	\$ 2,527,270	\$ 2,520,456
Subtotal Tidal Flats	\$ 93,879,322	\$ 64,241,710	\$ 85,318,463	\$ 55,680,852	\$ 74,308,137	\$ 45,517,607	\$ 76,592,622	\$ 49,431,744	\$ 72,026,995	\$ 44,866,118	\$ 47,222,298	\$ 63,017,341
Outfall - 008												
Work Plans and Submittals	\$ 6,879	\$ 8,611	\$ 6,879	\$ 8,611	\$ 6,879	\$ 8,611	\$ 6,879	\$ 8,611	\$ 6,879	\$ 8,611	\$ 8,611	\$ 8,611
Mobilization	\$ 35,374	\$ 42,972	\$ 35,374	\$ 42,972	\$ 35,374	\$ 42,972	\$ 35,374	\$ 42,972	\$ 35,374	\$ 42,972	\$ 42,972	\$ 42,972
Temporary Construction and Access Roads	\$ 154,092	\$ 154,092	\$ 154,092	\$ 154,092	\$ 154,092	\$ 154,092	\$ 154,092	\$ 154,092	\$ 154,092	\$ 154,092	\$ 154,092	\$ 154,092
Surveys	\$ 48,608	\$ 48,608	\$ 48,608	\$ 48,608	\$ 48,608	\$ 48,608	\$ 48,608	\$ 48,608	\$ 48,608	\$ 48,608	\$ 48,608	\$ 48,608
Debris Removal	\$ 15,409	\$ 15,409	\$ 15,409	\$ 15,409	\$ 15,409	\$ 15,409	\$ 15,409	\$ 15,409	\$ 15,409	\$ 15,409	\$ 15,409	\$ 15,409
Sheet Pile Installation for Water Diversion	\$ 1,975,050	\$ 1,975,050	\$ 1,975,050	\$ 1,975,050	\$ 1,975,050	\$ 1,975,050	\$ 1,975,050	\$ 1,975,050	\$ 1,975,050	\$ 1,975,050	\$ 1,975,050	\$ 1,975,050
Excavation	\$ 432,740	\$ 432,740	\$ 432,740	\$ 432,740	\$ 432,740	\$ 432,740	\$ 432,740	\$ 432,740	\$ 432,740	\$ 432,740	\$ 432,740	\$ 432,740
Processing	\$ 341,679	\$ 341,679	\$ 341,679	\$ 341,679	\$ 341,679	\$ 341,679	\$ 341,679	\$ 341,679	\$ 341,679	\$ 341,679	\$ 341,679	\$ 341,679
Backfill Material Procurement and Delivery	\$ 185,344	\$ 185,344	\$ 185,344	\$ 185,344	\$ 185,344	\$ 185,344	\$ 185,344	\$ 185,344	\$ 185,344	\$ 185,344	\$ 185,344	\$ 185,344
Backfill	\$ 382,790	\$ 382,790	\$ 382,790	\$ 382,790	\$ 382,790	\$ 382,790	\$ 382,790	\$ 382,790	\$ 382,790	\$ 382,790	\$ 382,790	\$ 382,790
Onsite Non-TSCA Disposal	\$ -	\$ 338,067	\$ -	\$ 338,067	\$ -	\$ 338,067	\$ -	\$ 338,067	\$ -	\$ 338,067	\$ 338,067	\$ 338,067
Offsite Non-TSCA Disposal - Truck	\$ 1,017,311	\$ -	\$ 1,017,311	\$ -	\$ 1,017,311	\$ -	\$ 1,017,311	\$ -	\$ 1,017,311	\$ -	\$ -	\$ -
Offsite RCRA Disposal - Truck	\$ 296,213	\$ 296,213	\$ 296,213	\$ 296,213	\$ 296,213	\$ 296,213	\$ 296,213	\$ 296,213	\$ 296,213	\$ 296,213	\$ 296,213	\$ 296,213
Water Treatment	\$ 428,408	\$ 428,408	\$ 428,408	\$ 428,408	\$ 428,408	\$ 428,408	\$ 428,408	\$ 428,408	\$ 428,408	\$ 428,408	\$ 428,408	\$ 428,408
Site Restoration	\$ 318,292	\$ 318,292	\$ 318,292	\$ 318,292	\$ 318,292	\$ 318,292	\$ 318,292	\$ 318,292	\$ 318,292	\$ 318,292	\$ 318,292	\$ 318,292
Demobilization	\$ 35,374	\$ 42,972	\$ 35,374	\$ 42,972	\$ 35,374	\$ 42,972	\$ 35,374	\$ 42,972	\$ 35,374	\$ 42,972	\$ 42,972	\$ 42,972
Subtotal Outfall 008	\$ 5,673,563	\$ 5,011,248	\$ 5,673,563	\$ 5,011,248	\$ 5,673,563	\$ 5,011,248	\$ 5,673,563	\$ 5,011,248	\$ 5,673,563	\$ 5,011,248	\$ 5,011,248	\$ 5,011,248
Total Costs												
Subtotal	\$ 99,552,885	\$ 69,252,958	\$ 90,992,026	\$ 60,692,099	\$ 79,981,700	\$ 50,528,855	\$ 82,266,185	\$ 54,442,992	\$ 77,700,559	\$ 49,877,365	\$ 52,233,546	\$ 68,028,589
20% Contingency	\$ 13,844,746	\$ 13,850,592	\$ 12,132,574	\$ 12,138,420	\$ 10,103,878	\$ 10,105,771	\$ 10,894,311	\$ 10,888,598	\$ 9,981,185	\$ 9,975,473	\$ 10,446,709	\$ 7,510,280
Total with Contingency	\$ 113,397,631	\$ 83,103,550	\$ 103,124,600	\$ 72,830,519	\$ 90,085,579	\$ 60,634,626	\$ 93,160,496	\$ 65,331,590	\$ 87,681,744	\$ 59,852,838	\$ 62,680,255	\$ 75,538,869
Pre-Design Investigation	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
Project Management (5%)	\$ 4,153,424	\$ 4,155,177	\$ 3,639,772	\$ 3,641,526	\$ 3,031,163	\$ 3,031,731	\$ 3,268,293	\$ 3,266,579	\$ 2,994,356	\$ 2,992,642	\$ 3,134,013	\$ 2,253,084
Remedial Design (5%)	\$ 4,153,424	\$ 4,155,177	\$ 3,639,772	\$ 3,641,526	\$ 3,031,163	\$ 3,031,731	\$ 3,268,293	\$ 3,266,579	\$ 2,994,356	\$ 2,992,642	\$ 3,134,013	\$ 2,253,084
Construction Management (6%)	\$ 4,984,109	\$ 4,986,213	\$ 4,367,727	\$ 4,369,831	\$ 3,637,396	\$ 3,638,078	\$ 3,921,952	\$ 3,919,895	\$ 3,593,227	\$ 3,591,170	\$ 3,760,815	\$ 2,703,701
Total	\$ 126,888,587	\$ 96,600,118	\$ 114,971,871	\$ 84,683,402	\$ 99,985,302	\$ 70,536,166	\$ 103,819,034	\$ 75,984,644	\$ 97,463,682	\$ 69,629,293	\$ 72,909,096	\$ 82,948,738
Annual Inspection (Years 1-5)	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
Escalation to 2022	\$ 15,921,413	\$ 12,119,882	\$ 14,428,129	\$ 10,626,598	\$ 12,544,698	\$ 8,853,834	\$ 13,030,966	\$ 9,535,356	\$ 12,236,318	\$ 8,740,707	\$ 9,150,904	\$ 10,411,262
Total with Escalation (Capital Cost - 2022)	\$ 142,810,000	\$ 108,720,000	\$ 129,400,000	\$ 95,310,000	\$ 112,530,000	\$ 79,390,000	\$ 116,850,000	\$ 85,520,000	\$ 109,700,000	\$ 78,370,000	\$ 82,060,000	\$ 93,360,000
Total Cost with Escalation -30%	\$ 99,967,000	\$ 76,104,000	\$ 90,580,000	\$ 66,717,000	\$ 78,771,000	\$ 55,573,000	\$ 81,795,000	\$ 59,864,000	\$ 76,790,000	\$ 54,859,000	\$ 57,442,000	\$ 65,352,000
Total Cost with Escalation +50%	\$ 214,215,000	\$ 163,080,000	\$ 194,100,000	\$ 142,965,000	\$ 168,795,000	\$ 119,085,000	\$ 175,275,000	\$ 128,280,000	\$ 164,550,000	\$ 117,555,000	\$ 123,090,000	\$ 140,040,000

Notes: See Alternative Summary's Attached

Amec Foster Wheeler, Inc. 271 Mill Road Chelmsford, MA 01942	Project: Stratford Army Engine Plant Date: 10/26/2018 Calc. By: JR Checked By: TD	
--	--	---


ALTERNATIVE 2 - HYDRAULIC DREDGE WITH BELT FILTER PRESS AND OFF-SITE DISPOSAL

Description	Units of Meas.	Quantity on Proposal	Unit Price (Includes Taxes, OH, Profit)	Total Cost
Performance and Payment Bond				
Work Plans and Submittals (Assumed 1% of Total Labor)	LS	1	\$130,429	\$140,000
Mobilization (Assumed 10% of Total Equipment)	LS	1	\$7,064,300	\$7,070,000
Temporary Construction (North Processing Area)	LS	1	\$1,431,632	\$1,440,000
Temporary Construction (South Processing Area)	LS	1	\$2,400,704	\$2,410,000
Conditions Surveys	LS	1	\$2,313	\$3,000
Topographic Surveys	LS	1	\$49,961	\$50,000
Hydrographic Surveys	LS	1	\$176,122	\$180,000
Utilities Surveys	LS	1	\$75,468	\$76,000
Debris Surveys	LS	1	\$52,954	\$53,000
Environmental Protection	LS	1	\$479,272	\$480,000
Environmental Monitoring	LS	1	\$368,354	\$370,000
Debris Removal	CY	3,487	\$61	\$220,000
Dredging and Offloading - Hydraulic	CY	170,281	\$87	\$14,850,000
Processing - Hydraulic - Belt Press	CY	170,281	\$59	\$10,040,000
Backfill Material Procurement and Delivery - Hydraulic (Alt 2)	CY	127,240	\$40	\$5,150,000
Backfill Material Loading - Mechanical - Telebelt	CY	111,062	\$16	\$1,730,000
Backfill Material Placement - Mechanical (Alt 2)	CY	127,240	\$48	\$6,080,000
Characterize, Transport, and Dispose TSCA (>=50 PPM) wo/PC - Hydraulic	Ton	2,078	\$225	\$470,000
Characterize, Transport, and Dispose RCRA (>=1 to <50 PPM) wo/PC - Hydraulic	Ton	13,966	\$141.83	\$1,990,000
Characterize, Transport, and Dispose Non-TSCA (<1 PPM) wo/PC - Hydraulic	Ton	213,836	\$141.83	\$30,330,000
Water Treatment - Hydraulic Transport	LS	1	\$2,697,116	\$2,700,000
Site Restoration	LS	1	\$1,078,452	\$1,080,000
Demobilization (Assumed 10% of Total Equipment)	LS	1	\$7,064,300	\$7,070,000
		TOTALS	\$23,072,198	\$93,980,000

<p>Amec Foster Wheeler, Inc. 271 Mill Road Chelmsford, MA 01942</p>	<p>Project: Stratford Army Engine Plant Date: 10/26/2018 Calc. By: JR Checked By: TD</p> 
---	--


ALTERNATIVE 2 - HYDRAULIC DREDGE WITH BELT FILTER PRESS AND ON-SITE BENEFICIAL REUSE

Description	Units of Meas.	Quantity	Unit Price (Includes Taxes, OH, Profit)	Total Cost
Work Plans and Submittals (Assumed 1% of Total Labor)	LS	1	\$ 130,429	\$ 140,000
Mobilization (Assumed 10% of Total Equipment)	LS	1	\$ 7,064,300	\$ 7,070,000
Temporary Construction (North Processing Area)	LS	1	\$ 1,431,632	\$ 1,440,000
Temporary Construction (South Processing Area)	LS	1	\$ 2,400,704	\$ 2,410,000
Conditions Surveys	LS	1	\$ 2,313	\$ 3,000
Topographic Surveys	LS	1	\$ 49,961	\$ 50,000
Hydrographic Surveys	LS	1	\$ 176,122	\$ 180,000
Utilities Surveys	LS	1	\$ 75,468	\$ 76,000
Debris Surveys	LS	1	\$ 52,954	\$ 53,000
Environmental Protection	LS	1	\$ 479,272	\$ 480,000
Environmental Monitoring	LS	1	\$ 368,354	\$ 370,000
Debris Removal	CY	3,487	\$ 61	\$ 220,000
Dredging and Offloading - Hydraulic	CY	170,281	\$ 87	\$ 14,850,000
Processing - Hydraulic - Belt Press	CY	170,281	\$ 59	\$ 10,040,000
Backfill Material Procurement and Delivery - Hydraulic (Alt 2)	CY	127,240	\$ 40	\$ 5,150,000
Backfill Material Loading - Mechanical - Telebelt	CY	111,062	\$ 16	\$ 1,730,000
Backfill Material Placement - Mechanical (Alt 2)	CY	127,240	\$ 48	\$ 6,080,000
Characterize and Handle for Onsite Disposal wo/PC - Hydraulic	Ton	213,836	\$ 3	\$ 700,000
Characterize, Transport, and Dispose TSCA (>=50 PPM) wo/PC - Hydraulic	Ton	2,078	\$ 225	\$ 470,000
Characterize, Transport, and Dispose RCRA (>=1 to <50 PPM) wo/PC - Hydraulic	Ton	13,966	\$ 142	\$ 1,990,000
Water Treatment - Hydraulic Transport	LS	1	\$ 2,697,116	\$ 2,700,000
Site Restoration	LS	1	\$ 1,078,452	\$ 1,080,000
Demobilization (Assumed 10% of Total Equipment)	LS	1	\$ 7,064,300	\$ 7,070,000
TOTAL				\$ 64,350,000

<p>Amec Foster Wheeler, Inc. 271 Mill Road Chelmsford, MA 01942</p>	<p>Project: Stratford Army Engine Plant Date: 10/26/2018 Calc. By: JR Checked By: TD</p> 
---	--


ALTERNATIVE 2 - HYDRAULIC DREDGE WITH GEOTUBES AND OFF-SITE DISPOSAL

Description	Units of Meas.	Quantity	Unit Price (Includes Taxes, OH, Profit)	Total Cost
Work Plans and Submittals (Assumed 1% of Total Labor)	LS	1	\$ 112,914	\$ 120,000
Mobilization (Assumed 10% of Total Equipment)	LS	1	\$ 4,975,753	\$ 4,980,000
Temporary Construction (North Processing Area)	LS	1	\$ 1,431,632	\$ 1,440,000
Temporary Construction (South Processing Area)	LS	1	\$ 2,400,704	\$ 2,410,000
Conditions Surveys	LS	1	\$ 2,313	\$ 3,000
Topographic Surveys	LS	1	\$ 49,961	\$ 50,000
Hydrographic Surveys	LS	1	\$ 176,122	\$ 180,000
Utilities Surveys	LS	1	\$ 75,468	\$ 76,000
Debris Surveys	LS	1	\$ 52,954	\$ 53,000
Environmental Protection	LS	1	\$ 479,272	\$ 480,000
Environmental Monitoring	LS	1	\$ 368,354	\$ 370,000
Debris Removal	CY	3,487	\$ 61	\$ 220,000
Dredging and Offloading - Hydraulic	CY	170,281	\$ 87	\$ 14,850,000
Processing - Hydraulic - Geotube	CY	170,281	\$ 33	\$ 5,670,000
Backfill Material Procurement and Delivery - Hydraulic (Alt 2)	CY	127,240	\$ 40	\$ 5,150,000
Backfill Material Loading - Mechanical - Telebelt	CY	111,062	\$ 16	\$ 1,730,000
Backfill Material Placement - Mechanical (Alt 2)	CY	127,240	\$ 48	\$ 6,080,000
Characterize, Transport, and Dispose TSCA (>=50 PPM) wo/PC - Hydraulic	Ton	2,078	\$ 225	\$ 470,000
Characterize, Transport, and Dispose RCRA (>=1 to <50 PPM) wo/PC - Hydraulic	Ton	13,966	\$ 142	\$ 1,990,000
Characterize, Transport, and Dispose Non-TSCA (<1 PPM) wo/PC - Mechanical	Ton	213,836	\$ 142	\$ 30,330,000
Water Treatment - Hydraulic Transport	LS	1	\$ 2,697,116	\$ 2,700,000
Site Restoration	LS	1	\$ 1,078,452	\$ 1,080,000
Demobilization (Assumed 10% of Total Equipment)	LS	1	\$ 4,975,753	\$ 4,980,000
TOTAL				\$ 85,410,000

<p>Amec Foster Wheeler, Inc. 271 Mill Road Chelmsford, MA 01942</p>	<p>Project: Stratford Army Engine Plant Date: 10/26/2018 Calc. By: JR Checked By: TD</p> 
---	--


ALTERNATIVE 2 - HYDRAULIC DREDGE WITH GEOTUBES AND ON-SITE BENEFICIAL REUSE

Description	Units of Meas.	Quantity	Unit Price (Includes Taxes, OH, Profit)	Total Cost
Work Plans and Submittals (Assumed 1% of Total Labor)	LS	1	\$ 112,914	\$ 120,000
Mobilization (Assumed 10% of Total Equipment)	LS	1	\$ 4,975,753	\$ 4,980,000
Temporary Construction (North Processing Area)	LS	1	\$ 1,431,632	\$ 1,440,000
Temporary Construction (South Processing Area)	LS	1	\$ 2,400,704	\$ 2,410,000
Conditions Surveys	LS	1	\$ 2,313	\$ 3,000
Topographic Surveys	LS	1	\$ 49,961	\$ 50,000
Hydrographic Surveys	LS	1	\$ 176,122	\$ 180,000
Utilities Surveys	LS	1	\$ 75,468	\$ 76,000
Debris Surveys	LS	1	\$ 52,954	\$ 53,000
Environmental Protection	LS	1	\$ 479,272	\$ 480,000
Environmental Monitoring	LS	1	\$ 368,354	\$ 370,000
Debris Removal	CY	3,487	\$ 61	\$ 220,000
Dredging and Offloading - Hydraulic	CY	170,281	\$ 87	\$ 14,850,000
Processing - Hydraulic - Geotube	CY	170,281	\$ 33	\$ 5,670,000
Backfill Material Procurement and Delivery - Hydraulic (Alt 2)	CY	127,240	\$ 40	\$ 5,150,000
Backfill Material Loading - Mechanical - Telebelt	CY	111,062	\$ 16	\$ 1,730,000
Backfill Material Placement - Mechanical (Alt 2)	CY	127,240	\$ 48	\$ 6,080,000
Characterize and Handle for Onsite Disposal wo/PC - Hydraulic	Ton	213,836	\$ 3	\$ 700,000
Characterize, Transport, and Dispose TSCA (>=50 PPM) wo/PC - Hydraulic	Ton	2,078	\$ 225	\$ 470,000
Characterize, Transport, and Dispose RCRA (>=1 to <50 PPM) wo/PC - Hydraulic	Ton	13,966	\$ 142	\$ 1,990,000
Water Treatment - Hydraulic Transport	LS	1	\$ 2,697,116	\$ 2,700,000
Site Restoration	LS	1	\$ 1,078,452	\$ 1,080,000
Demobilization (Assumed 10% of Total Equipment)	LS	1	\$ 4,975,753	\$ 4,980,000
TOTAL				\$ 55,780,000

<p>Amec Foster Wheeler, Inc. 271 Mill Road Chelmsford, MA 01942</p>	<p>Project: Stratford Army Engine Plant Date: 10/26/2018 Calc. By: JR Checked By: TD</p> 
---	--


ALTERNATIVE 3 - MECHANICAL DREDGE WITH STABILIZATION AND OFF-SITE DISPOSAL

Description	Units of Meas.	Quantity	Unit Price (Includes Taxes, OH, Profit)	Total Cost
Work Plans and Submittals (Assumed 1% of Total Labor)	LS	1	\$ 108,508	\$ 110,000
Mobilization (Assumed 10% of Total Equipment)	LS	1	\$ 3,502,081	\$ 3,510,000
Temporary Construction (South Processing Area)	LS	1	\$ 2,400,704	\$ 2,410,000
Temporary Construction (Causeway Access Road)	LS	1	\$ 129,807	\$ 130,000
Conditions Surveys	LS	1	\$ 2,313	\$ 3,000
Topographic Surveys	LS	1	\$ 49,961	\$ 50,000
Hydrographic Surveys	LS	1	\$ 176,122	\$ 180,000
Utilities Surveys	LS	1	\$ 75,468	\$ 76,000
Debris Surveys	LS	1	\$ 52,954	\$ 53,000
Environmental Protection	LS	1	\$ 479,272	\$ 480,000
Environmental Monitoring	LS	1	\$ 368,354	\$ 370,000
Debris Removal	CY	3,487	\$ 61	\$ 220,000
Dredging - Mechanical	CY	155,573	\$ 60	\$ 9,300,000
Offloading - Mechanical (Crane)	CY	155,573	\$ 28	\$ 4,340,000
Processing - Stabilization/Solidification	CY	155,573	\$ 27	\$ 4,160,000
Backfill Material Procurement and Delivery - Mechanical	CY	111,062	\$ 40	\$ 4,500,000
Backfill Material Loading - Mechanical - Crane (Alt 3)	CY	111,062	\$ 22	\$ 2,480,000
Backfill Material Placement - Mechanical	CY	111,062	\$ 48	\$ 5,310,000
Characterize, Transport, and Dispose TSCA (>=50 PPM) w/PC	Ton	1,361	\$ 225	\$ 310,000
Characterize, Transport, and Dispose RCRA (>=1 to <50 PPM) w/PC	Ton	13,541	\$ 142	\$ 1,930,000
Characterize, Transport, and Dispose Non-TSCA (<1 PPM) w/PC	Ton	207,724	\$ 142	\$ 29,470,000
Water Treatment - Mechanically Dredged	LS	1	\$ 428,408	\$ 430,000
Site Restoration	LS	1	\$ 1,078,452	\$ 1,080,000
Demobilization (Assumed 10% of Total Equipment)	LS	1	\$ 3,502,081	\$ 3,510,000
TOTAL				\$ 74,410,000

<p>Amec Foster Wheeler, Inc. 271 Mill Road Chelmsford, MA 01942</p>	<p>Project: Stratford Army Engine Plant Date: 10/26/2018 Calc. By: JR Checked By: TD</p> 
---	--


ALTERNATIVE 3 - MECHANICAL DREDGE WITH STABILIZATION AND ON-SITE BENEFICIAL REUSE

Description	Units of Meas.	Quantity	Unit Price (Includes Taxes, OH, Profit)	Total Cost
Work Plans and Submittals (Assumed 1% of Total Labor)	LS	1	\$ 108,508	\$ 110,000
Mobilization (Assumed 10% of Total Equipment)	LS	1	\$ 3,502,081	\$ 3,510,000
Temporary Construction (South Processing Area)	LS	1	\$ 2,400,704	\$ 2,410,000
Temporary Construction (Causeway Access Road)	LS	1	\$ 129,807	\$ 130,000
Conditions Surveys	LS	1	\$ 2,313	\$ 3,000
Topographic Surveys	LS	1	\$ 49,961	\$ 50,000
Hydrographic Surveys	LS	1	\$ 176,122	\$ 180,000
Utilities Surveys	LS	1	\$ 75,468	\$ 76,000
Debris Surveys	LS	1	\$ 52,954	\$ 53,000
Environmental Protection	LS	1	\$ 479,272	\$ 480,000
Environmental Monitoring	LS	1	\$ 368,354	\$ 370,000
Debris Removal	CY	3,487	\$ 61	\$ 220,000
Dredging - Mechanical	CY	155,573	\$ 60	\$ 9,300,000
Offloading - Mechanical (Crane)	CY	155,573	\$ 28	\$ 4,340,000
Processing - Stabilization/Solidification	CY	155,573	\$ 27	\$ 4,160,000
Backfill Material Procurement and Delivery - Mechanical	CY	111,062	\$ 40	\$ 4,500,000
Backfill Material Loading - Mechanical - Crane (Alt 3)	CY	111,062	\$ 22	\$ 2,480,000
Backfill Material Placement - Mechanical	CY	111,062	\$ 48	\$ 5,310,000
Characterize and Handle for Onsite Disposal w/PC	Ton	207,724	\$ 3	\$ 680,000
Characterize, Transport, and Dispose TSCA (>=50 PPM) w/PC	Ton	1,361	\$ 225	\$ 310,000
Characterize, Transport, and Dispose RCRA (>=1 to <50 PPM) w/PC	Ton	13,541	\$ 142	\$ 1,930,000
Water Treatment - Mechanically Dredged	LS	1	\$ 428,408	\$ 430,000
Site Restoration	LS	1	\$ 1,078,452	\$ 1,080,000
Demobilization (Assumed 10% of Total Equipment)	LS	1	\$ 3,502,081	\$ 3,510,000
TOTAL				\$ 45,620,000

<p>Amec Foster Wheeler, Inc. 271 Mill Road Chelmsford, MA 01942</p>	<p>Project: Stratford Army Engine Plant Date: 10/26/2018 Calc. By: JR Checked By: TD</p> 
---	--


ALTERNATIVE 4 - MECHANICAL DREDGE WITH HYDRAULIC TRANSPORT, BELT FILTER PRESS AND OFF-SITE DISPOSAL

Description	Units of Meas.	Quantity	Unit Price (Includes Taxes, OH, Profit)	Total Cost
Work Plans and Submittals (Assumed 1% of Total Labor)	LS	1	\$ 120,621	\$ 130,000
Mobilization (Assumed 10% of Total Equipment)	LS	1	\$ 3,743,658	\$ 3,750,000
Temporary Construction (North Processing Area)	LS	1	\$ 1,431,632	\$ 1,440,000
Temporary Construction (South Processing Area)	LS	1	\$ 2,400,704	\$ 2,410,000
Conditions Surveys	LS	1	\$ 2,313	\$ 3,000
Topographic Surveys	LS	1	\$ 49,961	\$ 50,000
Hydrographic Surveys	LS	1	\$ 176,122	\$ 180,000
Utilities Surveys	LS	1	\$ 75,468	\$ 76,000
Debris Surveys	LS	1	\$ 52,954	\$ 53,000
Environmental Protection	LS	1	\$ 479,272	\$ 480,000
Environmental Monitoring	LS	1	\$ 368,354	\$ 370,000
Debris Removal	CY	3,487	\$ 61	\$ 220,000
Dredging - Mechanical - Hybrid	CY	155,573	\$ 57	\$ 8,850,000
Offloading - Hydraulic - Hybrid	CY	155,573	\$ 17	\$ 2,630,000
Processing - Hybrid - Belt Press	CY	155,573	\$ 46	\$ 7,090,000
Backfill Material Procurement and Delivery - Mechanical	CY	111,062	\$ 40	\$ 4,500,000
Backfill Material Loading - Mechanical - Telebelt	CY	111,062	\$ 16	\$ 1,730,000
Backfill Material Placement - Hybrid	CY	111,062	\$ 48	\$ 5,310,000
Characterize, Transport, and Dispose TSCA (>=50 PPM) wo/PC - Mechanical (Alt 4)	Ton	1,284	\$ 225	\$ 290,000
Characterize, Transport, and Dispose RCRA wo/PC - Mechanical (Alt 4)	Ton	12,774	\$ 142	\$ 1,820,000
Characterize, Transport, and Dispose Non-TSCA (<1 PPM) wo/PC - Mechanical	Ton	195,966	\$ 142	\$ 27,800,000
Water Treatment - Hydraulic Transport	LS	1	\$ 2,697,116	\$ 2,700,000
Site Restoration	LS	1	\$ 1,078,452	\$ 1,080,000
Demobilization (Assumed 10% of Total Equipment)	LS	1	\$ 3,743,658	\$ 3,750,000
			TOTAL	\$ 76,710,000

<p>Amec Foster Wheeler, Inc. 271 Mill Road Chelmsford, MA 01942</p>	<p>Project: Stratford Army Engine Plant Date: 10/26/2018 Calc. By: JR Checked By: TD</p> 
---	--


ALTERNATIVE 4 - MECHANICAL DREDGE WITH HYDRAULIC TRANSPORT, BELT FILTER PRESS AND ON-SITE BENEFICIAL REUSE

Description	Units of Meas.	Quantity	Unit Price (Includes Taxes, OH, Profit)	Total Cost
Work Plans and Submittals (Assumed 1% of Total Labor)	LS	1	\$ 120,621	\$ 130,000
Mobilization (Assumed 10% of Total Equipment)	LS	1	\$ 3,743,658	\$ 3,750,000
Temporary Construction (North Processing Area)	LS	1	\$ 1,431,632	\$ 1,440,000
Temporary Construction (South Processing Area)	LS	1	\$ 2,400,704	\$ 2,410,000
Conditions Surveys	LS	1	\$ 2,313	\$ 3,000
Topographic Surveys	LS	1	\$ 49,961	\$ 50,000
Hydrographic Surveys	LS	1	\$ 176,122	\$ 180,000
Utilities Surveys	LS	1	\$ 75,468	\$ 76,000
Debris Surveys	LS	1	\$ 52,954	\$ 53,000
Environmental Protection	LS	1	\$ 479,272	\$ 480,000
Environmental Monitoring	LS	1	\$ 368,354	\$ 370,000
Debris Removal	CY	3,487	\$ 61	\$ 220,000
Dredging - Mechanical - Hybrid	CY	155,573	\$ 57	\$ 8,850,000
Offloading - Hydraulic - Hybrid	CY	155,573	\$ 17	\$ 2,630,000
Processing - Hybrid - Belt Press	CY	155,573	\$ 46	\$ 7,090,000
Backfill Material Procurement and Delivery - Mechanical	CY	111,062	\$ 40	\$ 4,500,000
Backfill Material Loading - Mechanical - Telebelt	CY	111,062	\$ 16	\$ 1,730,000
Backfill Material Placement - Hybrid	CY	111,062	\$ 48	\$ 5,310,000
Characterize and Handle for Onsite Disposal wo/PC - Mechanical (Alt 4)	Ton	195,966	\$ 3	\$ 640,000
Characterize, Transport, and Dispose TSCA (>=50 PPM) wo/PC - Mechanical (Alt 4)	Ton	1,284	\$ 225	\$ 290,000
Characterize, Transport, and Dispose RCRA wo/PC - Mechanical (Alt 4)	Ton	12,774	\$ 142	\$ 1,820,000
Water Treatment - Hydraulic Transport	LS	1	\$ 2,697,116	\$ 2,700,000
Site Restoration	LS	1	\$ 1,078,452	\$ 1,080,000
Demobilization (Assumed 10% of Total Equipment)	LS	1	\$ 3,743,658	\$ 3,750,000
TOTAL				\$ 49,550,000

<p>Amec Foster Wheeler, Inc. 271 Mill Road Chelmsford, MA 01942</p>	<p>Project: Stratford Army Engine Plant Date: 10/26/2018 Calc. By: JR Checked By: TD</p> 
---	--


ALTERNATIVE 4 - MECHANICAL DREDGE WITH HYDRAULIC TRANSPORT, GEOTUBE AND OFF-SITE DISPOSAL

Description	Units of Meas.	Quantity	Unit Price (Includes Taxes, OH, Profit)	Total Cost
Work Plans and Submittals (Assumed 1% of Total Labor)	LS	1	\$ 108,257	\$ 110,000
Mobilization (Assumed 10% of Total Equipment)	LS	1	\$ 2,564,219	\$ 2,570,000
Temporary Construction (North Processing Area)	LS	1	\$ 1,431,632	\$ 1,440,000
Temporary Construction (South Processing Area)	LS	1	\$ 2,400,704	\$ 2,410,000
Conditions Surveys	LS	1	\$ 2,313	\$ 3,000
Topographic Surveys	LS	1	\$ 49,961	\$ 50,000
Hydrographic Surveys	LS	1	\$ 176,122	\$ 180,000
Utilities Surveys	LS	1	\$ 75,468	\$ 76,000
Debris Surveys	LS	1	\$ 52,954	\$ 53,000
Environmental Protection	LS	1	\$ 479,272	\$ 480,000
Environmental Monitoring	LS	1	\$ 368,354	\$ 370,000
Debris Removal	CY	3,487	\$ 61	\$ 220,000
Dredging - Mechanical - Hybrid	CY	155,573	\$ 57	\$ 8,850,000
Offloading - Hydraulic - Hybrid	CY	155,573	\$ 17	\$ 2,630,000
Processing - Hybrid - Geotube	CY	155,573	\$ 31	\$ 4,890,000
Backfill Material Procurement and Delivery - Mechanical	CY	111,062	\$ 40	\$ 4,500,000
Backfill Material Loading - Mechanical - Telebelt	CY	111,062	\$ 16	\$ 1,730,000
Backfill Material Placement - Hybrid	CY	111,062	\$ 48	\$ 5,310,000
Characterize, Transport, and Dispose TSCA (>=50 PPM) wo/PC - Mechanical (Alt 4)	Ton	1,284	\$ 225	\$ 290,000
Characterize, Transport, and Dispose RCRA wo/PC - Mechanical (Alt 4)	Ton	12,774	\$ 142	\$ 1,820,000
Characterize, Transport, and Dispose Non-TSCA (<1 PPM) wo/PC - Mechanical	Ton	195,966	\$ 142	\$ 27,800,000
Water Treatment - Hydraulic Transport	LS	1	\$ 2,697,116	\$ 2,700,000
Site Restoration	LS	1	\$ 1,078,452	\$ 1,080,000
Demobilization (Assumed 10% of Total Equipment)	LS	1	\$ 2,564,219	\$ 2,570,000
TOTAL			\$	\$ 72,130,000

<p>Amec Foster Wheeler, Inc. 271 Mill Road Chelmsford, MA 01942</p>	<p>Project: Stratford Army Engine Plant Date: 10/26/2018 Calc. By: JR Checked By: TD</p> 
---	--


ALTERNATIVE 4 - MECHANICAL DREDGE WITH HYDRAULIC TRANSPORT, BELT FILTER PRESS AND ON-SITE BENEFICIAL REUSE

Description	Units of Meas.	Quantity	Unit Price (Includes Taxes, OH, Profit)	Total Cost
Work Plans and Submittals (Assumed 1% of Total Labor)	LS	1	\$ 108,257	\$ 110,000
Mobilization (Assumed 10% of Total Equipment)	LS	1	\$ 2,564,219	\$ 2,570,000
Temporary Construction (North Processing Area)	LS	1	\$ 1,431,632	\$ 1,440,000
Temporary Construction (South Processing Area)	LS	1	\$ 2,400,704	\$ 2,410,000
Conditions Surveys	LS	1	\$ 2,313	\$ 3,000
Topographic Surveys	LS	1	\$ 49,961	\$ 50,000
Hydrographic Surveys	LS	1	\$ 176,122	\$ 180,000
Utilities Surveys	LS	1	\$ 75,468	\$ 76,000
Debris Surveys	LS	1	\$ 52,954	\$ 53,000
Environmental Protection	LS	1	\$ 479,272	\$ 480,000
Environmental Monitoring	LS	1	\$ 368,354	\$ 370,000
Debris Removal	CY	3,487	\$ 61	\$ 220,000
Dredging - Mechanical - Hybrid	CY	155,573	\$ 57	\$ 8,850,000
Offloading - Hydraulic - Hybrid	CY	155,573	\$ 17	\$ 2,630,000
Processing - Hybrid - Geotube	CY	155,573	\$ 31	\$ 4,890,000
Backfill Material Procurement and Delivery - Mechanical	CY	111,062	\$ 40	\$ 4,500,000
Backfill Material Loading - Mechanical - Telebelt	CY	111,062	\$ 16	\$ 1,730,000
Backfill Material Placement - Hybrid	CY	111,062	\$ 48	\$ 5,310,000
Characterize and Handle for Onsite Disposal wo/PC - Mechanical (Alt 4)	Ton	195,966	\$ 3	\$ 640,000
Characterize, Transport, and Dispose TSCA (>=50 PPM) wo/PC - Mechanical (Alt 4)	Ton	1,284	\$ 225	\$ 290,000
Characterize, Transport, and Dispose RCRA wo/PC - Mechanical (Alt 4)	Ton	12,774	\$ 142	\$ 1,820,000
Water Treatment - Hydraulic Transport	LS	1	\$ 2,697,116	\$ 2,700,000
Site Restoration	LS	1	\$ 1,078,452	\$ 1,080,000
Demobilization (Assumed 10% of Total Equipment)	LS	1	\$ 2,564,219	\$ 2,570,000
TOTAL				\$ 44,970,000

<p>Amec Foster Wheeler, Inc. 271 Mill Road Chelmsford, MA 01942</p>	<p>Project: Stratford Army Engine Plant Date: 10/26/2018 Calc. By: JR Checked By: TD</p> 
---	--


ALTERNATIVE 5 - MECHANICAL DREDGE WITH PTFM AND OFF-SITE DISPOSAL

Description	Units of Meas.	Quantity	Unit Price (Includes Taxes, OH, Profit)	Total Cost
Work Plans and Submittals (Assumed 1% of Total Labor)	LS	1	\$ 75,638	\$ 80,000
Mobilization (Assumed 10% of Total Equipment)	LS	1	\$ 2,527,270	\$ 2,530,000
Temporary Construction (South Processing Area)	LS	1	\$ 2,400,704	\$ 2,410,000
Conditions Surveys	LS	1	\$ 2,313	\$ 3,000
Topographic Surveys	LS	1	\$ 49,961	\$ 50,000
Hydrographic Surveys	LS	1	\$ 176,122	\$ 180,000
Utilities Surveys	LS	1	\$ 75,468	\$ 76,000
Debris Surveys	LS	1	\$ 52,954	\$ 53,000
Environmental Protection	LS	1	\$ 479,272	\$ 480,000
Environmental Monitoring	LS	1	\$ 368,354	\$ 370,000
Debris Removal	CY	3,487	\$ 61	\$ 220,000
Dredging - Mechanical	CY	155,573	\$ 60	\$ 9,300,000
Offloading and Processing - Mechanical/PFTM	CY	155,573	\$ 84	\$ 13,030,000
Backfill Material Procurement and Delivery - Mechanical	CY	111,062	\$ 40	\$ 4,500,000
Backfill Material Loading - Mechanical - Telebelt	CY	111,062	\$ 16	\$ 1,730,000
Backfill Material Placement - Mechanical	CY	111,062	\$ 48	\$ 5,310,000
Characterize and Handle for Onsite Disposal w/PC	Ton	207,724	\$ 3	\$ 680,000
Characterize and Barge Transport for Offsite TSCA (>=50 PPM) Disposal	Ton	1,284	\$ 285	\$ 370,000
Characterize and Barge Transport for Offsite RCRA (>=1 to <50 PPM) Disposal	Ton	12,774	\$ 148	\$ 1,890,000
Water Treatment - Mechanically Dredged	LS	1	\$ 428,408	\$ 430,000
Site Restoration	LS	1	\$ 1,078,452	\$ 1,080,000
Demobilization (Assumed 10% of Total Equipment)	LS	1	\$ 2,527,270	\$ 2,530,000
TOTAL				\$ 47,300,000

<p>Amec Foster Wheeler, Inc. 271 Mill Road Chelmsford, MA 01942</p>	<p>Project: Stratford Army Engine Plant Date: 10/26/2018 Calc. By: JR Checked By: TD</p> 
---	--


ALTERNATIVE 6 - MECHANICAL DREDGE WITH OFF-SITE PROCESSING AND DISPOSAL

Description	Units of Meas.	Quantity	Unit Price (Includes Taxes, OH, Profit)	Total Cost
Work Plans and Submittals (Assumed 1% of Total Labor)	LS	1	\$ 75,288	\$ 80,000
Mobilization (Assumed 10% of Total Equipment)	LS	1	\$ 2,520,456	\$ 2,530,000
Temporary Construction (North Processing Area)	LS	1	\$ 1,431,632	\$ 1,440,000
Conditions Surveys	LS	1	\$ 2,313	\$ 3,000
Topographic Surveys	LS	1	\$ 49,961	\$ 50,000
Hydrographic Surveys	LS	1	\$ 176,122	\$ 180,000
Utilities Surveys	LS	1	\$ 75,468	\$ 76,000
Debris Surveys	LS	1	\$ 52,954	\$ 53,000
Environmental Protection	LS	1	\$ 479,272	\$ 480,000
Environmental Monitoring	LS	1	\$ 368,354	\$ 370,000
Debris Removal	CY	3,487	\$ 61	\$ 220,000
Dredging - Mechanical	CY	155,573	\$ 60	\$ 9,300,000
Backfill Material Procurement and Delivery - Mechanical	CY	111,062	\$ 40	\$ 4,500,000
Backfill Material Loading - Mechanical - Telebelt	CY	111,062	\$ 16	\$ 1,730,000
Backfill Material Placement - Mechanical	CY	111,062	\$ 48	\$ 5,310,000
Characterize and Barge Transport for Offsite Non-TSCA (<1 PPM) Disposal	Ton	195,966	\$ 156	\$ 30,480,000
Characterize and Barge Transport for Offsite TSCA (>=50 PPM) Disposal	Ton	1,284	\$ 285	\$ 370,000
Characterize and Barge Transport for Offsite RCRA (>=1 to <50 PPM) Disposal	Ton	12,774	\$ 148	\$ 1,890,000
Water Treatment - Mechanically Dredged	LS	1	\$ 428,408	\$ 430,000
Site Restoration	LS	1	\$ 1,078,452	\$ 1,080,000
Demobilization (Assumed 10% of Total Equipment)	LS	1	\$ 2,520,456	\$ 2,530,000
TOTALS				\$ 63,100,000

<p>Amec Foster Wheeler, Inc. 271 Mill Road Chelmsford, MA 01942</p>	<p>Project: Stratford Army Engine Plant Date: 10/26/2018 Calc. By: JR Checked By: TD</p> 
---	--

OUTFALL-008 - Excavation, Solidification and Off-Site disposal

Description	Units of Meas.	Quantity	Unit Price	Total Cost
Work Plans and Submittals (Assumed 2% of Total Labor)	LS	1	\$ 6,879	\$ 7,000
Mobilization (Assumed 10% of Total Equipment)	LS	1	\$ 35,374	\$ 36,000
Temporary Construction	LS	1	\$ 154,092	\$ 160,000
Surveys	LS	1	\$ 48,608	\$ 49,000
Debris Removal	CY	245	\$ 63	\$ 16,000
Sheet Pile Installation for Water Diversion	LS	33,000	\$ 60	\$ 1,980,000
Excavation	CY	6,370	\$ 68	\$ 440,000
Processing	CY	6,125	\$ 56	\$ 350,000
Backfill Material Procurement and Delivery	Ton	7,802	\$ 24	\$ 190,000
Backfill	CY	5,779	\$ 66	\$ 390,000
Characterize and Transport for Non-TSCA (< 1PPM) Disposal	Ton	7,173	\$ 142	\$ 1,020,000
Characterize and Transport for RCRA (>=1 to <50 PPM) Disposal	Ton	2,088	\$ 142	\$ 300,000
Water Treatment - Mechanically Dredged	LS	1	\$ 428,408	\$ 430,000
Site Restoration	LS	1	\$ 318,292	\$ 320,000
Demobilization (Assumed 10% of Total Equipment)	LS	1	\$ 35,374	\$ 36,000
TOTALS				\$ 5,720,000

<p>Amec Foster Wheeler, Inc. 271 Mill Road Chelmsford, MA 01942</p>	<p>Project: Stratford Army Engine Plant Date: 10/26/2018 Calc. By: JR Checked By: TD</p> 
---	--

OUTFALL-008 - Excavation, Solidification and On-Site Beneficial Reuse

Description	Units of Meas.	Quantity	Unit Price (Includes Taxes, OH, Profit)	Total Cost
Work Plans and Submittals (Assumed 2% of Total Labor)	LS	1	\$ 8,611	\$ 9,000
Mobilization (Assumed 10% of Total Equipment)	LS	1	\$ 42,972	\$ 43,000
Temporary Construction	LS	1	\$ 154,092	\$ 160,000
Surveys	LS	1	\$ 48,608	\$ 49,000
Debris Removal	CY	245	\$ 63	\$ 16,000
Sheet Pile Installation for Water Diversion	LS	33,000	\$ 60	\$ 1,980,000
Excavation	CY	6,370	\$ 68	\$ 440,000
Processing	CY	6,125	\$ 56	\$ 350,000
Backfill Material Procurement and Delivery	Ton	7,802	\$ 24	\$ 190,000
Backfill	CY	5,779	\$ 66	\$ 390,000
Characterize and Handle for Onsite Disposal	Ton	7,173	\$ 47	\$ 340,000
Characterize and Transport for RCRA (>=1 to <50 PPM) Disposal	Ton	2,088	\$ 142	\$ 300,000
Water Treatment - Mechanically Dredged	LS	1	\$ 428,408	\$ 430,000
Site Restoration	LS	1	\$ 318,292	\$ 320,000
Demobilization (Assumed 10% of Total Equipment)	LS	1	\$ 42,972	\$ 43,000
TOTALS				\$ 5,020,000